



# 5 Year Capital Improvement Plan 2015 - 2020

City of Perham, MN

Apex Project Number 14.183.0039

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Council Members: Fred Lehmkuhl, Eric Spencer, James Johnson and Harriet Mattfeld

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## **1.0 INTRODUCTION**

This Capital Improvement Plan (CIP) has been prepared for the City of Perham, Minnesota to identify infrastructure needs and discuss proposed improvements to the City's water, wastewater, drainage, and transportation systems. This CIP is general in nature and outlines basic information such as location, infrastructure deficiencies, proposed improvements, estimated project costs, projected year of construction, and possible funding sources for each capital improvement discussed.

## **2.0 PURPOSE OF A CIP**

This CIP is intended to be utilized as a road map by City staff when planning for future improvements. A CIP is often times the first step in the planning stages of a project and is often times a key component in schedule and financial planning. The City is not obligated to complete projects included in this CIP and it can be altered at any time. CIPs should be visited and updated on an annual basis in order to ensure the City has a current planning document in regards to its infrastructure system needs.

CIPs are conceptual in nature and are not intended to be a basis for design. Estimated costs and financing splits are planning level with the primary purpose of providing a means for demonstrating general project scale. As specific projects are to be considered in detail, a preliminary engineering report should be prepared to evaluate existing conditions in detail, specific design considerations and evaluate challenges. A preliminary engineering report will gather the information needed to provide more detailed and accurate cost estimates.

## **3.0 CIP PREPARATION**

This CIP was prepared by Apex Engineering Group, Inc. with the assistance of staff from the City of Perham. Individuals from both entities met to identify infrastructure shortcomings and discuss conceptual improvements required to address such deficiencies. The various infrastructure needs and improvements were prioritized as presented within this document. Project prioritization is subject to change based upon feedback from the Mayor, Council, City Staff, and input from the public.

## **4.0 PROJECT FINANCING AND FUNDING**

In the past, the City has financed Capital Improvement Projects with a combination monies from the City's utility funds, special assessments allocated to benefitting properties, grants from local, state, or federal agencies, and general City funds. At this time, it is assumed that future capital improvement projects will be financed in a similar fashion.

The City has also been successful in minimizing project costs by securing low interest loan and grant dollars available for public infrastructure projects. It is recommended the City continue to seek such funds from programs including but not limited to the Public Facilities Authority, USDA Rural Development, Economic Development Authority, and the Small Cities Development Program which are administered by various state and federal agencies. It should be noted that the application process for many of these programs does take time and it is recommended that the City commence the application process for such programs years in advance of planned construction dates to ensure anticipated timelines can be met. Based on the amount of work completed in the past and success the City has had in securing funds from such programs it is advised that the City investigate and pursue funding for future projects.

## 5.0 PAST PROJECTS SUMMARY

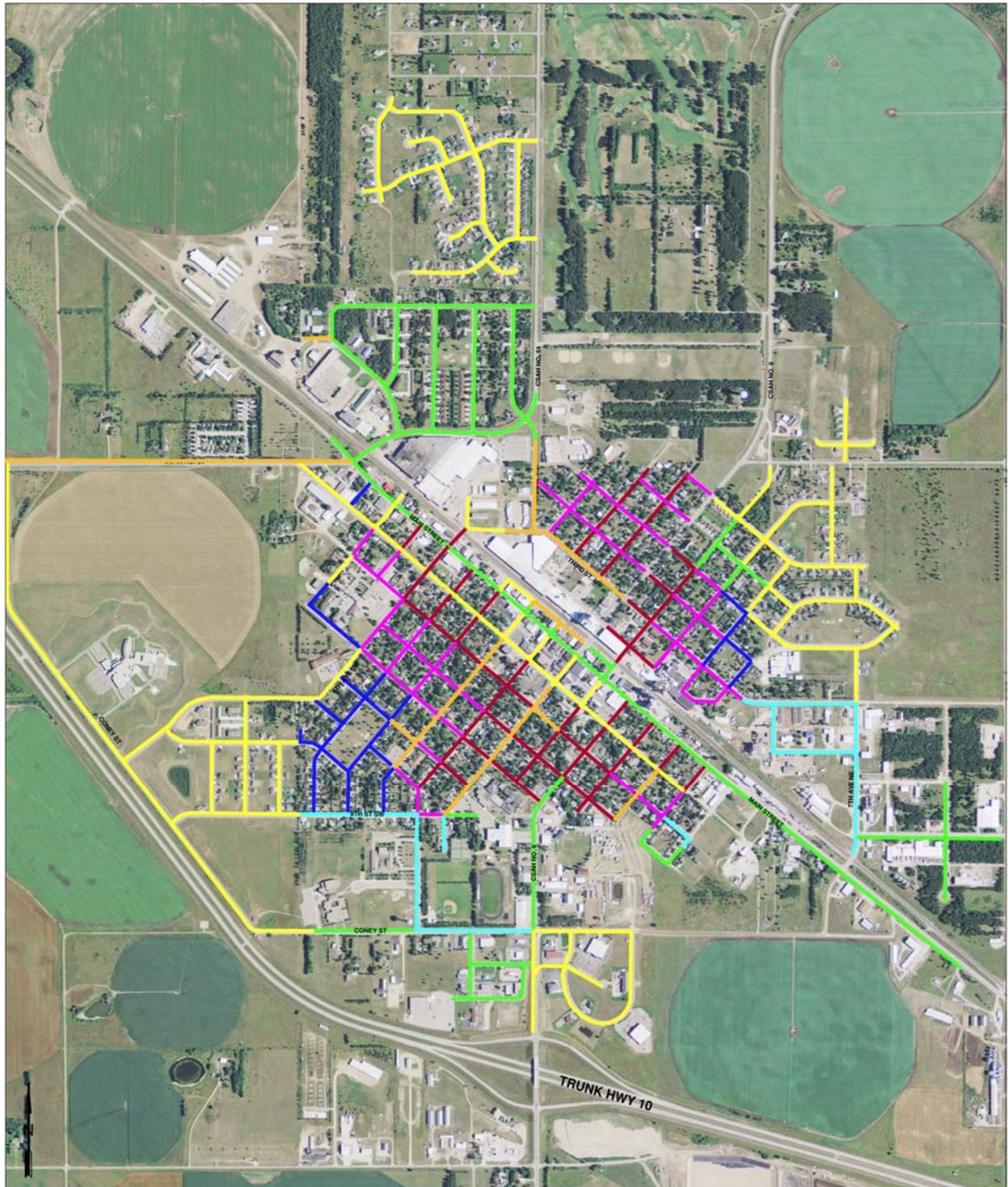
Since the original CIP was completed in 2007, the City has completed a number of projects. Table No. 1 is a listing of the completed projects since the 2008 Construction Season.

**Table No. 1 - Completed CIP Projects**

<b>Project</b>	<b>ASSESSABLE OR OTHER SOURCES</b>	<b>CITY FUNDS</b>	<b>TOTAL</b>
2008 – New Water Tower	\$0	\$2,118,750	\$2,118,750
2008 – New Groundwater Wells	\$0	\$348,250	\$348,250
2008 – Reconstruct King Street Lift Station	\$0	\$96,000	\$96,000
2008 – Reconstruct Eighth Ave Lift Station	\$0	\$345,000	\$345,000
2009 – Clearwater Estates First Addition	\$1,809,328	\$628,077	\$2,437,405
2010 – First Ave South St. & Util. Reconstruction	\$325,270	\$589,150	\$914,420
2010 – Airport Runway Resurfacing	\$482,700	\$120,300	\$603,000
2011 – Third St. NW & Lake Avenue	\$669,200	\$193,350	\$862,550
2011 – Fifth Ave SE St. & Util. Reconstruction	\$88,800	\$554,750	\$643,550
2012 – Hwy 10/CSAH 34 Interchange	\$3,449,680	\$50,320	\$3,500,000
2012 – Wastewater Treatment Facility Expansion	\$2,421,000	\$3,579,000	\$6,000,000
2013 – Wellness and Wildflower Trails	\$154,634	\$52,836	\$207,470
2013 – Third Ave SW & Downtown Parking	\$404,300	\$680,700	\$1,085,000
<b>TOTAL</b>	<b>\$9,804,912</b>	<b>\$9,356,483</b>	<b>\$19,161,395</b>

## **6.0 EXISTING INFRASTRUCTURE AGING**

The City of Perham has completed multiple reconstruction projects in recent history, however, there are a number of areas that will require review in future years. The map below indicates the age of streets within the City, utility construction has typically been completed at the same time of the street, if not in years prior to the original street construction.



	<b>STREET CONSTRUCTION</b>	 - 2010's	 - 1970's
		 - 2000's	 - 1960's
		 - 1990's	 - Pre - 1960
		 - 1980's	

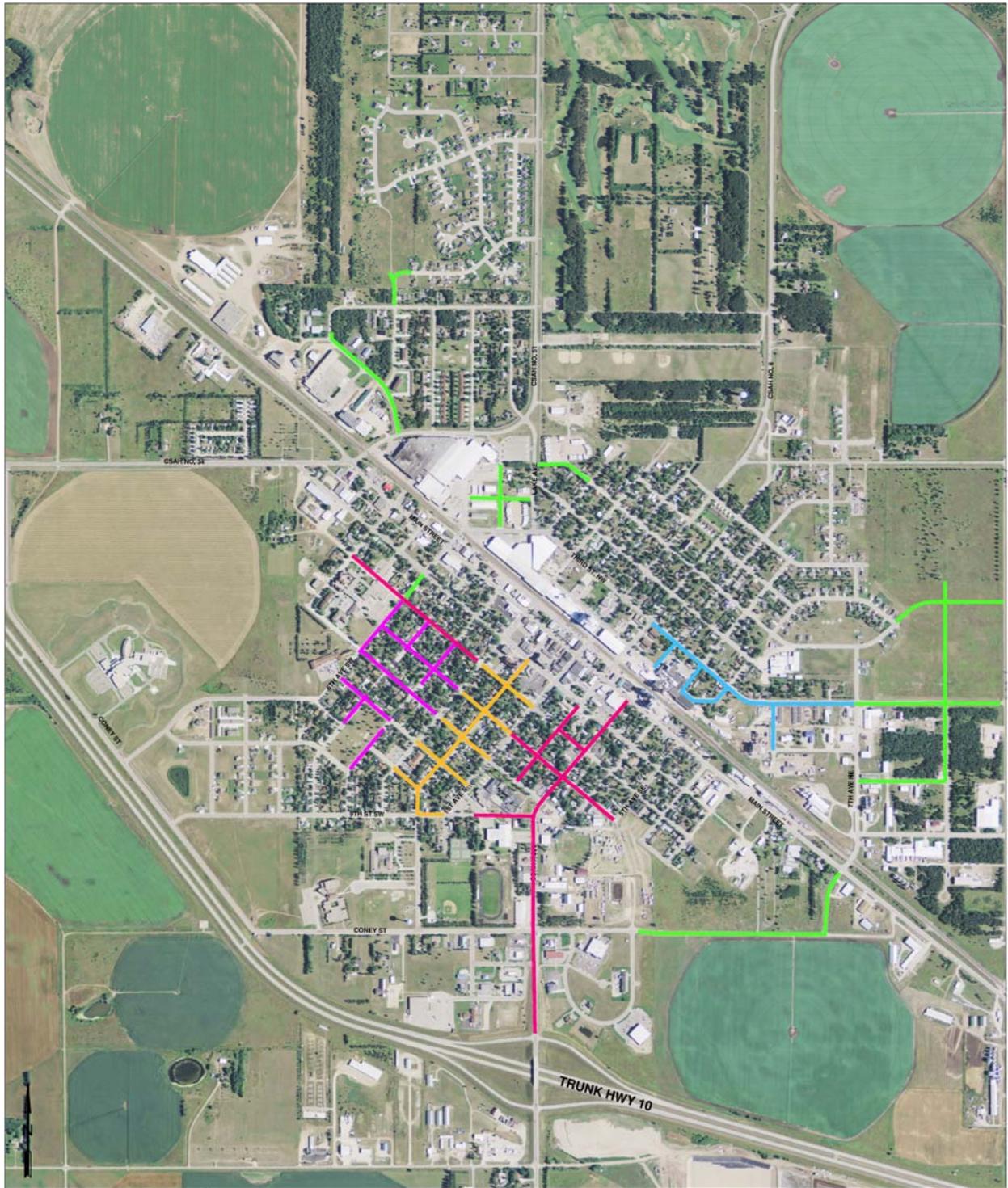
## 7.0 PROJECT SUMMARY

Table No. 2 is a listing of the proposed projects contained within this CIP. The table includes estimated projects costs.

**Table No. 2 – CIP Summary of Costs**

<b>Project</b>	<b>ASSESSABLE OR OTHER SOURCES</b>	<b>CITY FUNDS</b>	<b>TOTAL</b>
2015 – Third Ave SE (CSAH No. 8)	\$964,500	\$565,000	\$1,529,500
2015 – Fourth St SE St. & Util. Reconstruction	\$192,500	\$538,500	\$731,000
2015 – Third St SW St & Util. Reconstruction	\$454,000	\$815,000	\$1,269,000
2015 – Safe Routes to School	\$216,800	\$54,200	\$271,000
2015 – Second Avenue SE	\$311,000	\$496,000	\$807,000
2017 – Second Ave SW St & Util. Reconstruction	\$795,000	\$1,415,500	\$2,210,500
2021 – Third St NE St. & Util. Reconstruction	\$917,000	\$2,022,000	\$2,939,000
2025 – Fourth, Fifth & Sixth Ave SW	\$1,056,500	\$1,761,500	\$2,818,000
Future – Eighth Avenue NW Connection	\$45,000	\$92,000	\$137,000
Future – Coney Street East Improvements	\$1,048,000	\$130,000	\$1,178,000
Future – Fifth St NW Utility Extensions	\$175,000	\$26,000	\$201,000
Future – Pinewood Lane Street Improvements	\$275,000	\$290,000	\$565,000
Future – Fourth St & Fifth Ave Northeast	\$326,000	\$63,000	\$389,000
Future – Trail Connections	\$0	\$3,177,500	\$3,177,500
Future – Northeast Industrial Park Expansion	\$2,458,000	\$235,000	\$2,693,000
<b>TOTAL</b>	<b>\$9,234,300</b>	<b>\$11,681,200</b>	<b>\$20,915,500</b>

The Capital Improvement Plan Summary Map on the following page summarizes the locations of the above listed projects. For more detail project information, see the Project Worksheets.



	<p><b>CIP SUMMARY MAP</b></p>	<table border="0"> <tr> <td style="padding-right: 10px;"></td> <td>- 2015</td> <td style="padding-left: 20px;"></td> <td>- 2021</td> </tr> <tr> <td></td> <td>- 2017</td> <td></td> <td>- 2025</td> </tr> <tr> <td></td> <td colspan="3">- FUTURE</td> </tr> </table>		- 2015		- 2021		- 2017		- 2025		- FUTURE		
	- 2015		- 2021											
	- 2017		- 2025											
	- FUTURE													



## CAPITAL IMPROVEMENT PLAN

Project Year	<u>2015</u>
Total Project Cost	<u>\$1,529,500</u>

Duration: 2015 thru 2020  
(Year) (Year)

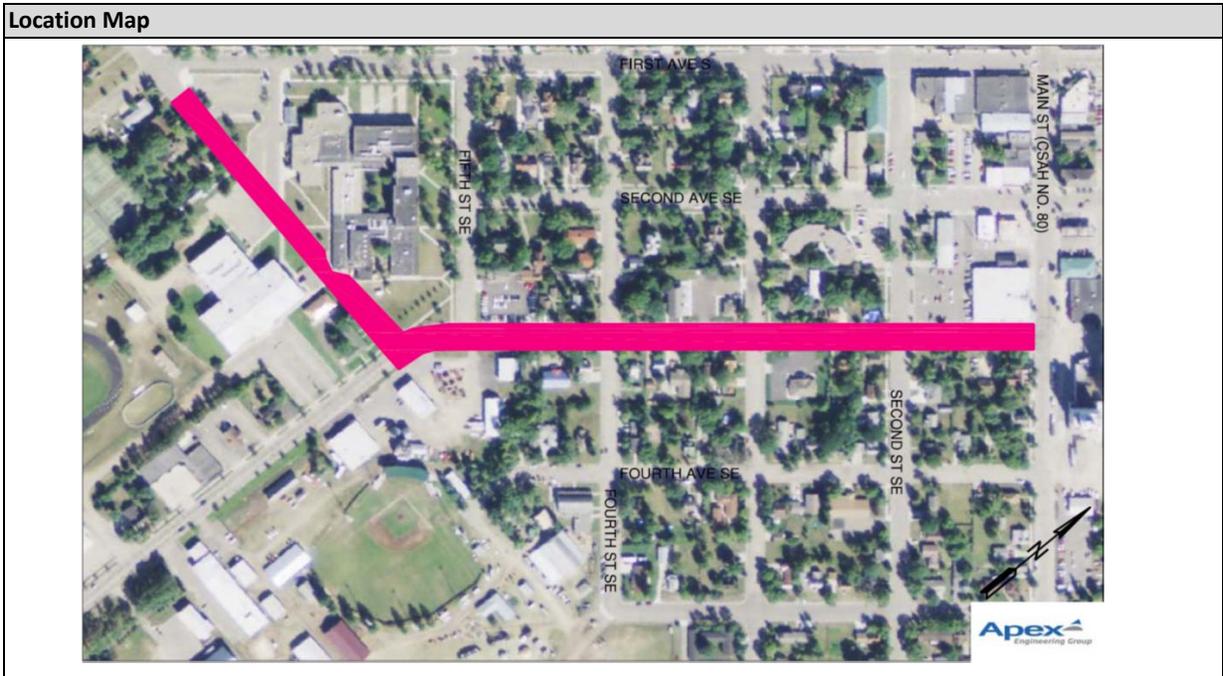
Project Name: Third Avenue Southeast (CSAH No. 8)

**Description**  
 The proposed improvements will be completed in conjunction with the Otter Tail County Highway Department to reconstruct the existing street, sidewalks and storm sewer on County State Aid Highway No. 8 (Third Avenue) from Main Street to Fox Street. The City's portion of the proposed improvements will consist of the rehabilitation of the sanitary sewer, water main, and service laterals in the project area. In addition to the Third Avenue, the vacated portion of Fox Street will be rehabilitated.

**Justification**  
 The existing watermain and sanitary sewer within these areas is beyond its useful life and showing signs of deterioration. One Hydrant in the project area (which typically indicates the year of the underground installation) has a manufacture date of 1937, making the Hydrant (and underground utilities) nearly eighty years old. Utility rehabilitation would be completed from Main Street to the Vacated Fox Street. In addition to the utility rehabilitation, streetscape improvements will be installed during the surface improvements.

The Otter Tail County Highway Department will be participating in the rehabilitation project and will also be completing a pavement overlay on the highway from Trunk Highway No. 10 to Fox Street.

Project Financing		2015	
ITEM	ASSESSABLE/COUNTY FUNDS	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$49,500	\$131,000	\$180,500
Watermain & Services	\$64,000	\$169,000	\$233,000
Storm Sewer & Drainage	\$228,000	\$57,000	\$285,000
Street & Sidewalk	\$623,000	\$208,000	\$831,000
<b>TOTAL</b>	<b>\$964,500</b>	<b>\$565,000</b>	<b>\$1,529,500</b>





**CAPITAL IMPROVEMENT PLAN**

Project Year	<u>2015</u>
Total Project Cost	<u>\$731,000</u>

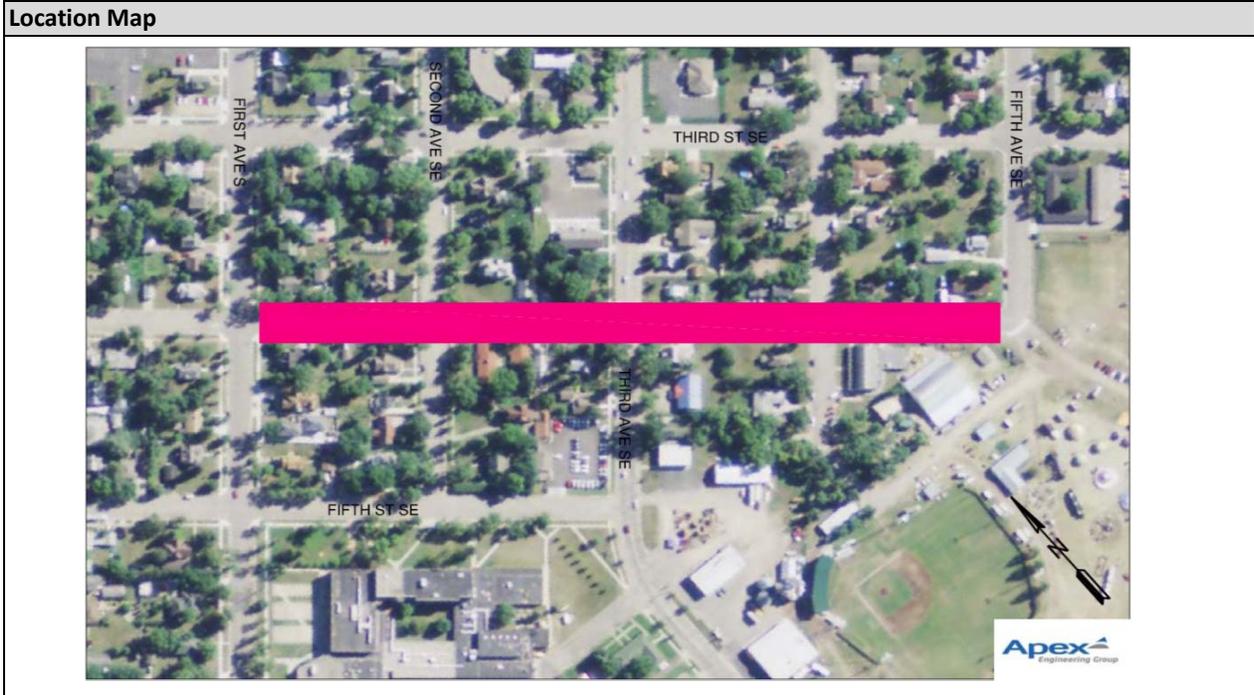
Duration: 2015 thru 2020  
 (Year) (Year)

Project Name: Fourth Street Southeast

**Description**  
 The proposed project includes the reconstruction of the existing street and sidewalks as well as sanitary sewer, storm sewer and watermain facilities under Fourth Street Southeast.

**Justification**  
 Due to the lack of records for Fourth Street Southeast, the exact age of the existing utilities is unknown, however, based on available information, the street was constructed in the 1950's. The existing sanitary sewer and storm sewer is beyond its useful life and showing signs of deterioration. These utilities have been identified by City Staff as requiring increased maintenance and repair measures. In addition to deficiencies with the underground facilities the street and sidewalk are also showing signs of deterioration.  
 The reconstruction of Fourth Street is being proposed due to the economic feasibility of the reconstruction in conjunction with the rehabilitation of Third Avenue Southeast.

Project Financing		2015	
ITEM	ASSESSABLE	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$25,000	\$107,000	\$132,000
Watermain & Services	\$7,000	\$54,000	\$61,000
Storm Sewer & Drainage		\$217,000	\$217,000
Street & Sidewalk	\$160,500	\$160,500	\$321,000
<b>TOTAL</b>	<b>\$192,500</b>	<b>\$538,500</b>	<b>\$731,000</b>





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>2015</u>
Total Project Cost	<u>\$ 1,269,000.00</u>

Duration: 2015 thru 2020  
 (Year) (Year)

Project Name: Third Street Southwest

### Description

The proposed project includes the reconstruction of the existing street and sidewalks as well as sanitary sewer, storm sewer and watermain facilities under Third Street Southwest.

### Justification

The existing infrastructure beneath Third Street Southwest has been analyzed multiple times over the past ten years. The existing infrastructure in the improvement area is in excess of fifty (50) years old and is beyond its useful life. In recent years, City Staff has been required to increase maintenance measures in the proposed project area as a result of existing conditions.

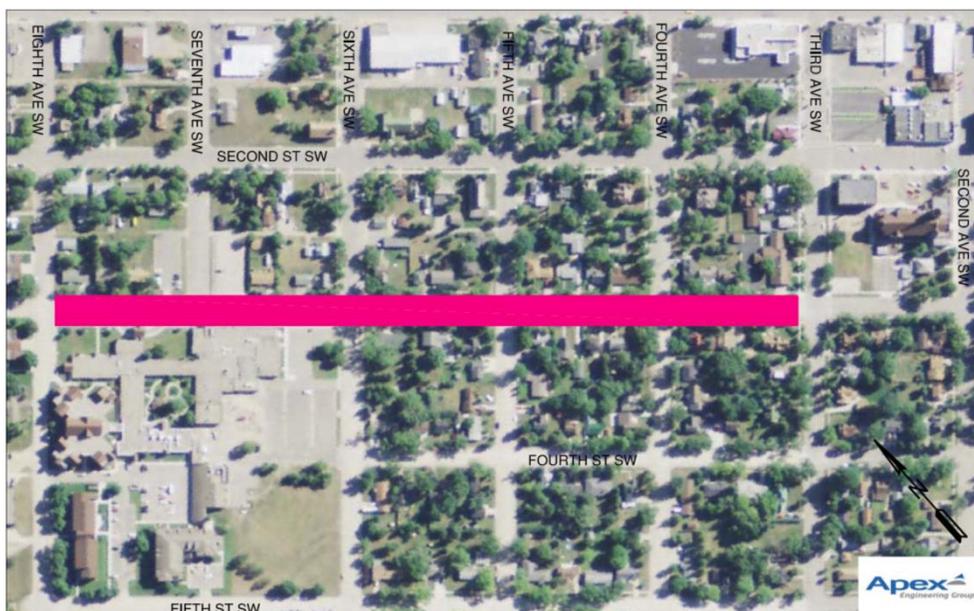
Due to the repurposing of the facilities surrounding Third Street Southwest, the roadway width may be reconfigured to accommodate future uses.

### Project Financing

2015

ITEM	ASSESSABLE	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$50,000	\$120,000	\$170,000
Watermain & Services	\$64,000	\$143,000	\$207,000
Storm Sewer & Drainage		\$212,000	\$212,000
Street & Sidewalk	\$340,000	\$340,000	\$680,000
<b>TOTAL</b>	<b>\$454,000</b>	<b>\$815,000</b>	<b>\$1,269,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	2015
Total Project Cost	\$ 271,000.00

Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Safe Routes to School

### Description

The Safe Routes to School Project will include the installation of various multi-use facilities to increase the safety and access in and around the Perham Elementary School and Prairie Winds Middle School. Improvements will consist of sidewalk installation connecting the schools to the Wildflower and Wellness Recreational Trails, a multi-use trail connecting the northwest portion of the school complex to Ninth Street, a bus corral exit to Coney Street, and a raised crosswalk on Second Avenue.

### Justification

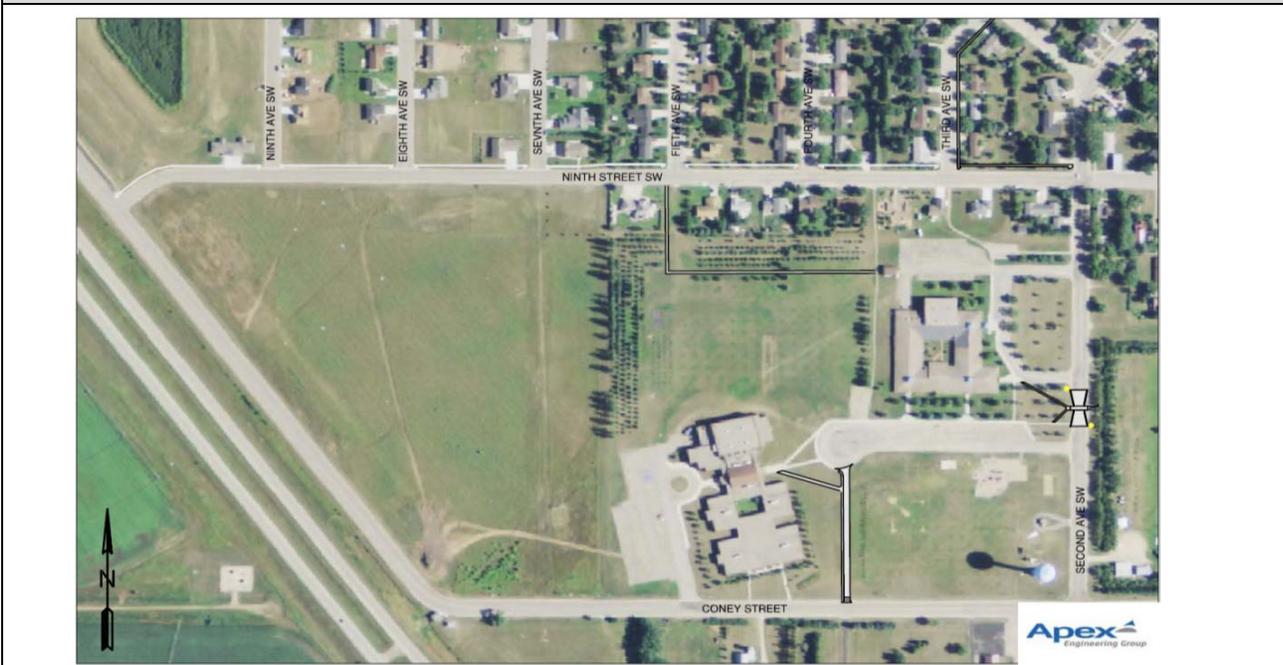
The Safe Routes to School project will address many previously outlined concerns developed through the preparation of planning and access review related documents surrounding the Perham Public Schools. Improvements will provide additional access alternatives for bus movements, connections to existing improvements in the areas surrounding the schools, and safety for crossings exiting the school areas.

The improvements will be financed through the Minnesota Department of Transportation through a Safe Routes to School Grant that has already been awarded. The grant will be for Eighty (80) percent of the improvements and the remaining twenty (20) percent will be funded through City and Perham Public Schools funds.

### Project Financing

ITEM	2015		
	GRANT FUNDS	CITY/SCHOOL FUNDS	TOTAL
Street & Sidewalk	\$216,800	\$54,200	\$271,000
<b>TOTAL</b>	<b>\$216,800</b>	<b>\$54,200</b>	<b>\$271,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>2015</u>
Total Project Cost	<u>\$ 807,000.00</u>

Duration: 2015 thru 2020  
 (Year) (Year)

Project Name: Second Avenue Southeast

### Description

The improvements would consist of the reconstruction of the existing streets and utilities beneath the roadway. The improvements are the only remaining improvements following the proposed 2015 project near the Perham High School.

### Justification

With the reconstruction of First Avenue in 2010, Second Street in 2007, and the proposed reconstruction of Fourth Street and Third Avenue Southeast in 2015, the only remaining aged infrastructure is beneath the Second Avenue and Fifth Avenue Corridor. The proposed improvements would address this by reconstructing the utilities and streets in the area. Existing cast iron water and clay sewer would be replaced with polyvinyl chloride pipe with new manholes and service laterals. The existing street section would be replaced in kind with drainage improvements at the intersections.

### Project Financing

ITEM	2015		
	ASSESSABLE	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$36,000	\$61,000	\$97,000
Water Main & Services	\$51,000	\$98,000	\$149,000
Storm Sewer & Drainage	\$0	\$113,000	\$113,000
Street & Sidewalk	\$224,000	\$224,000	\$448,000
<b>TOTAL</b>	<b>\$311,000</b>	<b>\$496,000</b>	<b>\$807,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>2017</u>
Total Project Cost	<u>\$ 2,210,500.00</u>

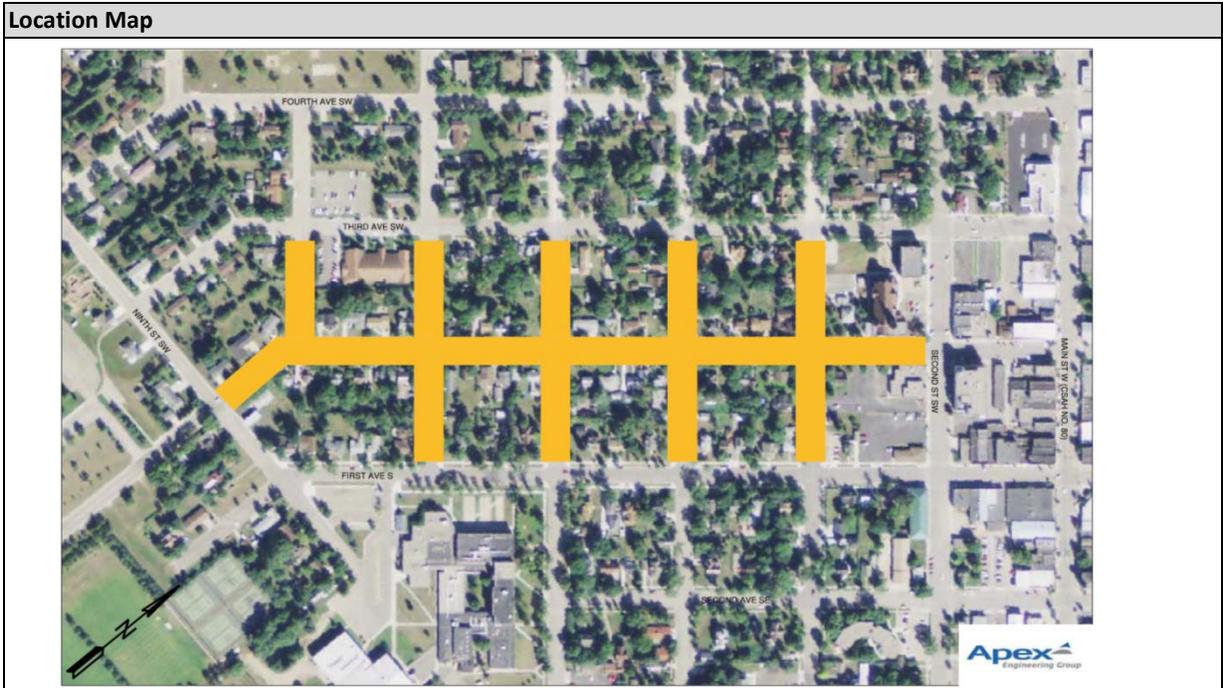
Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Second Avenue SW Street & Utility Reconstruction

**Description**  
 Project includes the reconstruction of the existing street, subgrade, curb & gutter, sidewalk, sanitary sewer, watermain, service laterals and storm sewer. Will include the installation of additional water main for looping and storm sewer improvements to assist with current drainage issues.

**Justification**  
 The exact age of the existing infrastructure beneath Second Avenue Southwest is unknown, due to lack of historical records. However, hydrant ages in the project area indicate the majority of the underground utilities were installed in the 1940's and 1950's. The deterioration that has occurred with the age of the existing infrastructure has led to many private property owners completing replacement of their private services in recent years. The issues noted by private property owners are assumed to be similar to the issues expected with the existing City infrastructure. The existing surface has also reached the end of its useful life with various cracking in the pavement and curb sections.

Project Financing		2017	
ITEM	ASSESSABLE	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$80,000	\$176,000	\$256,000
Watermain & Services	\$94,500	\$227,000	\$321,500
Storm Sewer & Drainage		\$392,000	\$392,000
Street & Sidewalk	\$620,500	\$620,500	\$1,241,000
<b>TOTAL</b>	<b>\$795,000</b>	<b>\$1,415,500</b>	<b>\$2,210,500</b>





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>2021</u>
Total Project Cost	<u>\$ 2,939,000.00</u>

Duration: 2015 thru 2020  
 (Year) (Year)

Project Name: Third Street NE Street and Utility Reconstruction

### Description

Third Street Northeast includes the rehabilitation of Street, Sanitary Sewer, Storm Sewer, and Water Main. The project will also include modifications to the City's Sanitary Sewer System to ease maintenance and operational concerns.

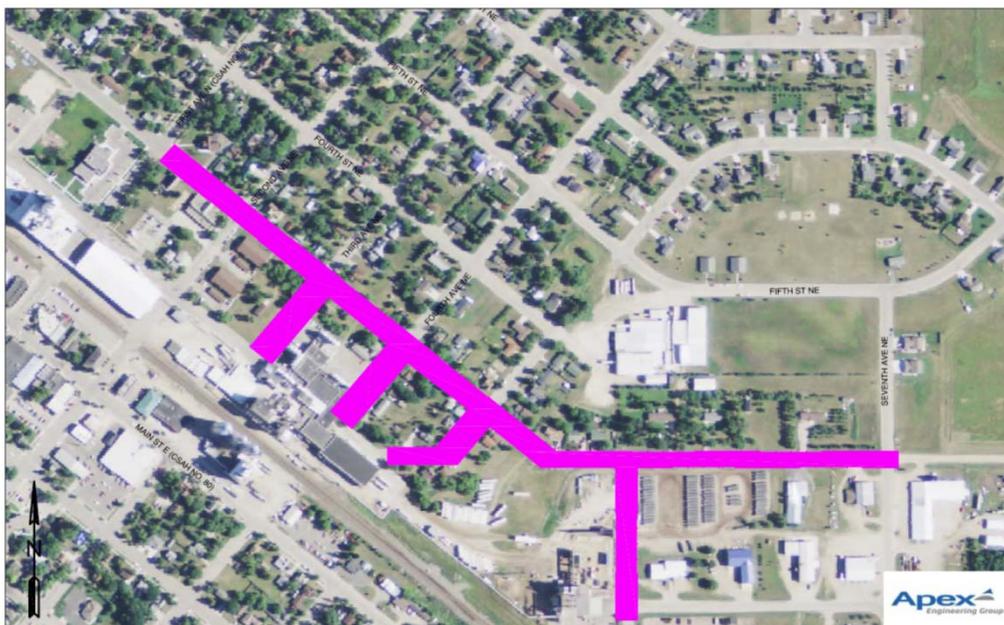
### Justification

When the City reconstructed Third Street Northwest in 2011, the sanitary sewer system was modified to alleviate the flow in the northwest section of the City that has increased throughout the years. The reconstruction of Third Street Northeast will finalize the sanitary sewer improvements that began in 2011 by connecting the new sanitary sewer to the City's Seventh Avenue Lift Station. By replacing the sanitary sewer and adjusting the flow direction, the City will eliminate the sanitary sewer crossing beneath the Bongards Creamery Facility. In addition to the sanitary sewer reconstruction, the aging water main (installed in the 1950's), storm sewer, and street will be reconstructed.

### Project Financing

ITEM	ASSESSABLE	2021	
		CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$57,000	\$444,000	\$501,000
Watermain & Services	\$60,000	\$328,000	\$388,000
Storm Sewer & Drainage	\$0	\$450,000	\$450,000
Street & Sidewalk	\$800,000	\$800,000	\$1,600,000
<b>TOTAL</b>	<b>\$917,000</b>	<b>\$2,022,000</b>	<b>\$2,939,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>2025</u>
Total Project Cost	<u>\$ 2,818,000.00</u>

Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Fourth, Fifth and Sixth Avenues Southwest

### Description

The improvements would consist of the reconstruction of the existing streets and utilities beneath the roadway. The improvements would eliminate the last of the existing clay sewer piping and cast iron water piping on the southwest portion of the City if the improvement schedule is maintained.

### Justification

The reconstruction of Fourth, Fifth and Sixth Avenues Southwest would include the rehabilitation of the existing clay sanitary sewer and cast iron water main with new polyvinyl chloride piping. The improvements would also include the rehabilitation of select storm sewer, and full street replacement where utility improvements are completed. The proposed improvements would eliminate the remaining aging infrastructure (based on the capital improvement plan schedule) with new piping, manholes and fittings on the water system.

### Project Financing

ITEM	2025		
	ASSESSABLE	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$97,000	\$223,500	\$320,500
Water Main & Services	\$130,250	\$375,750	\$506,000
Storm Sewer & Drainage	\$0	\$333,000	\$333,000
Street & Sidewalk	\$829,250	\$829,250	\$1,658,500
<b>TOTAL</b>	<b>\$1,056,500</b>	<b>\$1,761,500</b>	<b>\$2,818,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>Future</u>
Total Project Cost	\$ 137,000.00

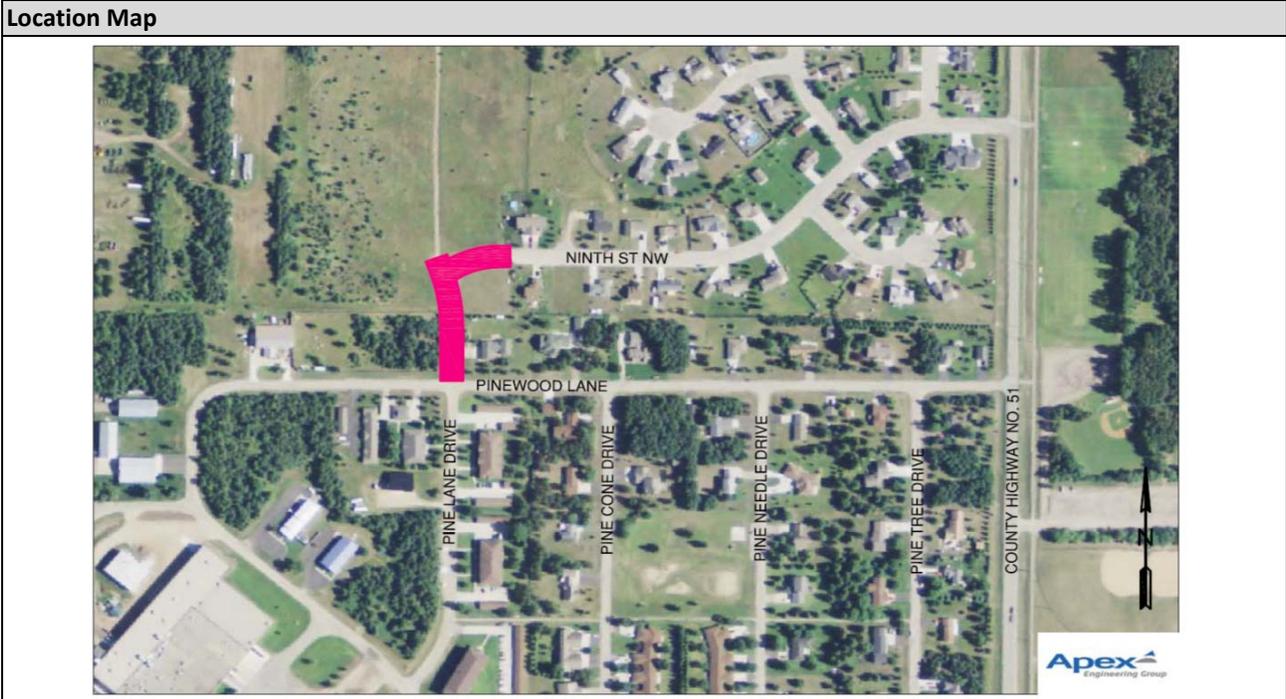
Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Eighth Avenue Northwest Connection

**Description**  
The Eighth Avenue Northwest Connection would consist of the construction of street improvements between the Westwind and Country Pines Additions.

**Justification**  
The roadway connecting Westwind and Country Pines has consisted of a gravel roadway since the construction of the Westwind Addition in the early 1990's. The gravel roadway has required much maintenance throughout the years, and is in need of improvements. Water main improvements have previously been completed under the proposed street. Storm Sewer connections are available for the area, which will provide connections into the previously designed system when street improvements are finalized.

Project Financing		Future	
ITEM	ASSESSABLE	CITY FUNDS	TOTAL
Street & Storm Sewer	\$45,000	\$92,000	\$137,000
<b>TOTAL</b>	<b>\$45,000</b>	<b>\$92,000</b>	<b>\$137,000</b>





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>Future</u>
Total Project Cost	<u>\$ 1,178,000.00</u>

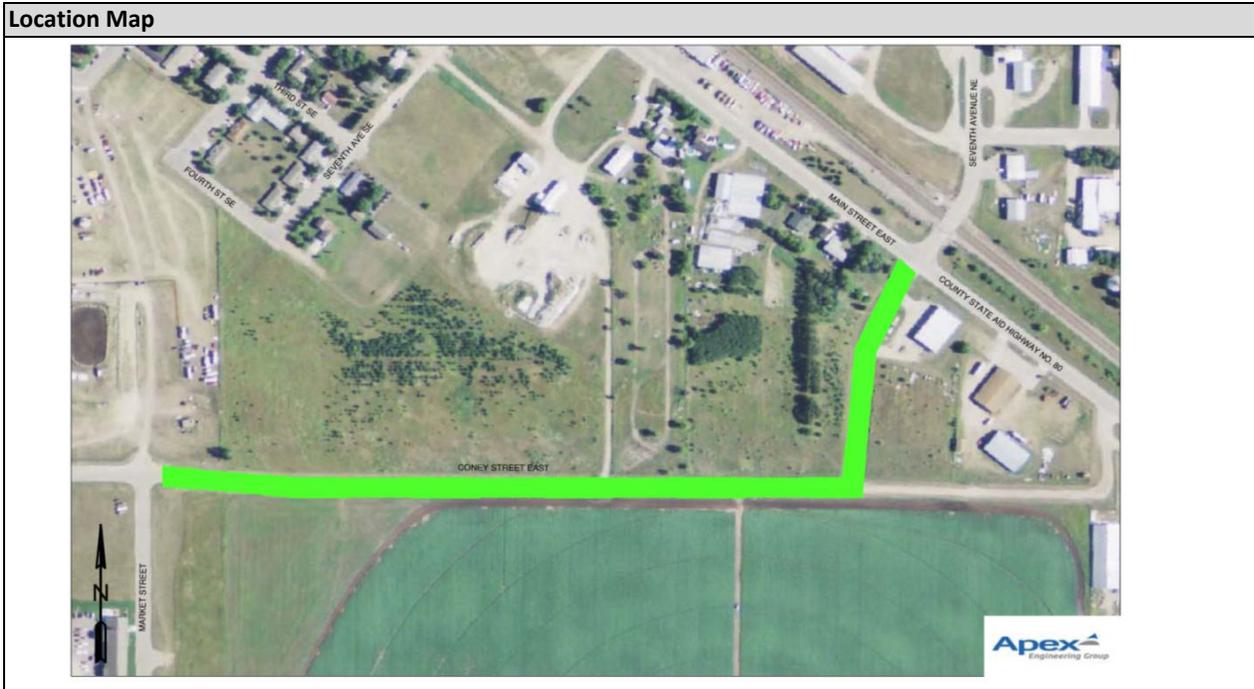
Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Coney Street East Improvements

**Description**  
The Coney Street East Improvements consists of the construction of street improvements east of the Market Drive intersection to Main Street (County State Aid Highway No. 80). In addition to street improvements, water improvements would be completed on the easterly portion of the project to accommodate future development.

**Justification**  
Coney Street is the City's primary Truck Route to and from Industrial areas throughout the City. In recent years, the City has expanded the Coney Street Corridor and has worked with the County and MnDOT to create a Truck Loop around the majority of the City. The remaining section of Coney Street in the City's southeast area is currently gravel, and has required much maintenance to maintain. The proposed improvements would improve the section of roadway to a fifty (50) foot wide urban section, reducing the need for continued maintenance and provide a proper route for truck traffic.

Project Financing		Future	
ITEM	ASSESSABLE	CITY FUNDS	TOTAL
Watermain & Services	\$68,000	\$0	\$68,000
Storm Sewer & Drainage	\$0	\$130,000	\$130,000
Street	\$980,000	\$0	\$980,000
<b>TOTAL</b>	<b>\$1,048,000</b>	<b>\$130,000</b>	<b>\$1,178,000</b>





## CAPITAL IMPROVEMENT PLAN

Project Year	<u>Future</u>
Total Project Cost	\$ <u>201,000.00</u>

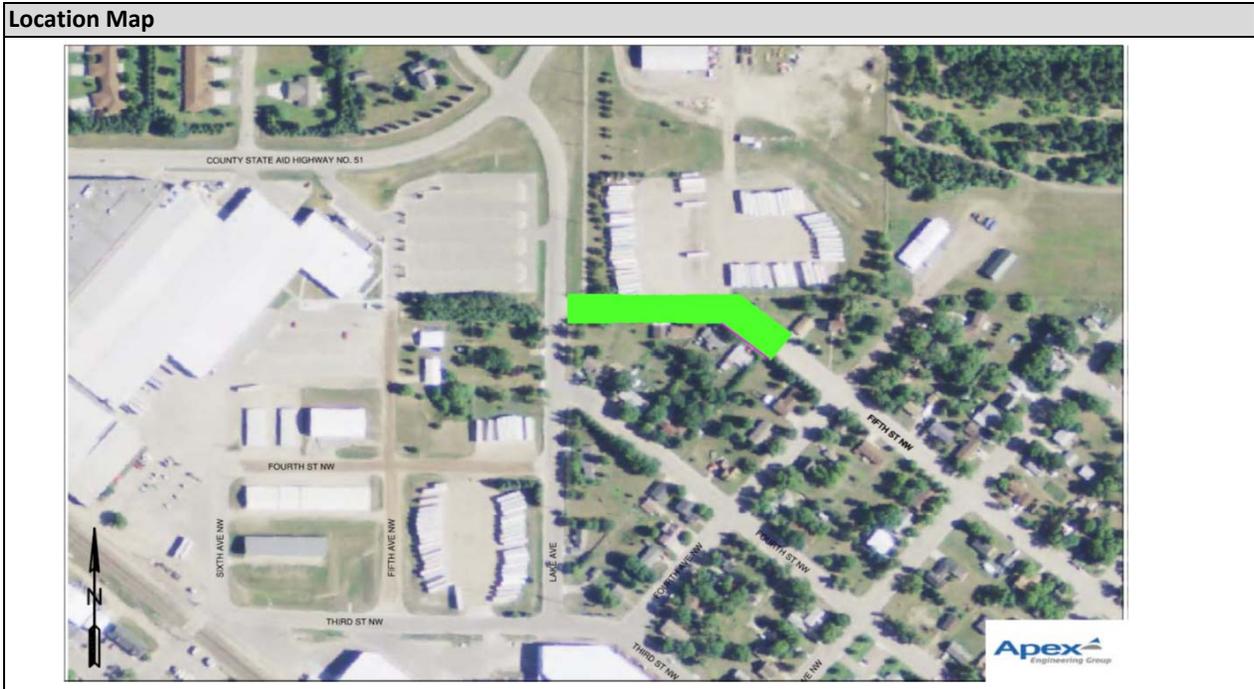
Duration: 2015 thru 2020  
 (Year) (Year)

Project Name: Fifth Street Northwest Utility Extensions

**Description**  
 The improvements would consist of the installation of sanitary sewer and water main to existing homes that currently either do not have services, or are serviced through other properties. Street improvements would consist of replacing the existing gravel roadway with an urban section street.

**Justification**  
 The properties along Fifth Street currently receive water or sewer service through existing neighboring properties and have been susceptible to freezing during winter months. The proposed construction would allow for improvements at a more sufficient depth and would provide new services to the existing parcels. The existing gravel roadway would be reconstructed to a residential street section, as modifications are being completed to reduce truck traffic in the area.

Project Financing		Future	
ITEM	ASSESSABLE	CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$32,000		\$32,000
Watermain & Services	\$38,000		\$38,000
Street & Sidewalk	\$105,000	\$26,000	\$131,000
<b>TOTAL</b>	<b>\$175,000</b>	<b>\$26,000</b>	<b>\$201,000</b>





## CAPITAL IMPROVEMENT PLAN

Project Year	Future
Total Project Cost	\$ 565,000.00

Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Pinewood Lane Street Improvements

### Description

The improvements would consist of the reconstruction of Pinewood Lane from County State Aid Highway No. 51 to Pinewood Circle. The roadways would be reconstructed to accommodate the industrial traffic with curb and gutter to alleviate drainage concerns in the area.

### Justification

Pinewood Lane has been utilized as an industrial street for approximately 20 years. The industrial traffic is beyond the original intent for the street section, and has required continuing maintenance to keep the road section passable. The narrow roadway has also led to multiple vehicles cutting the corners, which has resulted in drainage concerns, rutting and temporary widening of the road sections with gravel. The new urban section roadway would address the concerns that the current rural section cannot, and would include curb and gutter, along with a widened and thickened pavement to accommodate the area's traffic.

### Project Financing

ITEM	ASSESSABLE	Future	
		CITY FUNDS	TOTAL
Storm Sewer & Drainage		\$190,000	\$190,000
Street & Sidewalk	\$275,000	\$100,000	\$375,000
<b>TOTAL</b>	<b>\$275,000</b>	<b>\$290,000</b>	<b>\$565,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	Future
Total Project Cost	\$ 389,000.00

Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Fourth Street and Fifth Avenue Northwest

### Description

The improvements would consist of the reconstruction of the current gravel roadways that have not been upgraded west of Lake Avenue. The roadways would be reconstructed to industrial street standards to accommodate the traffic in the area.

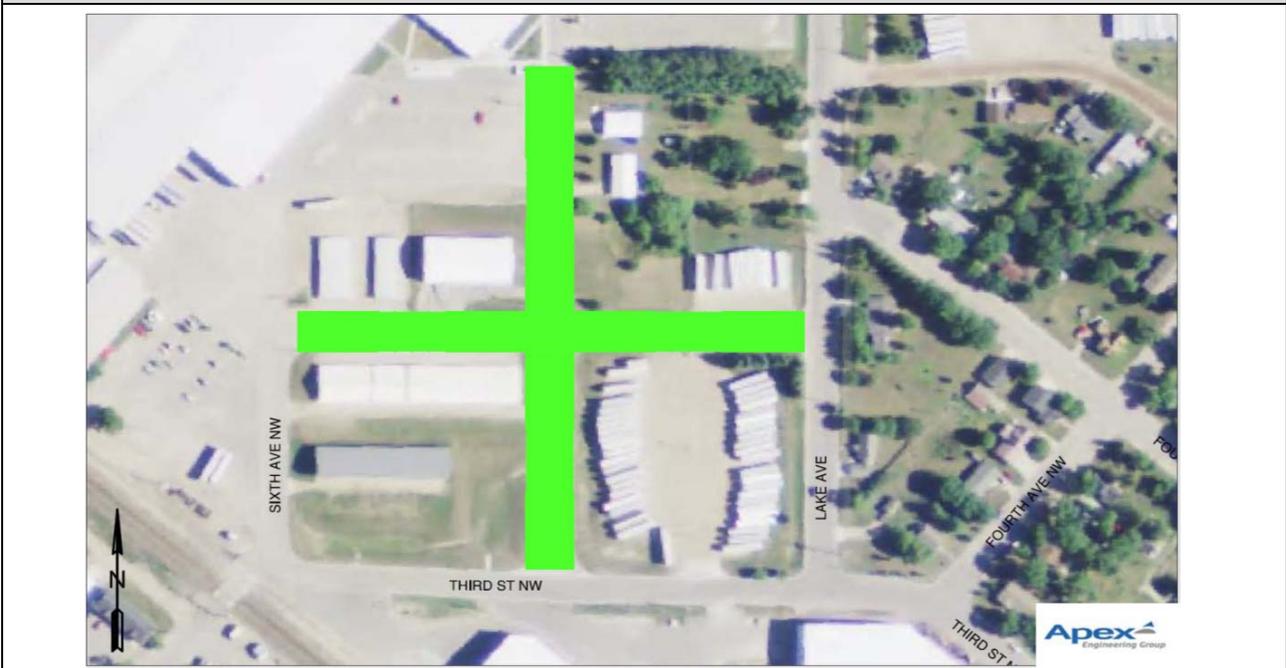
### Justification

Fourth Street and Fifth Avenue Northwest are currently the only remaining portions of the truck routes within the City's northwest side that remain gravel. The proposed improvements would address this by constructing an industrial urban section street to accommodate the truck traffic in the area. The proposed improvements will also address the current drainage concerns by installing curb, gutter and select drainage improvements.

### Project Financing

ITEM	ASSESSABLE	Future	
		CITY FUNDS	TOTAL
Storm Sewer & Drainage		\$26,000	\$26,000
Street & Sidewalk	\$326,000	\$37,000	\$363,000
<b>TOTAL</b>	<b>\$326,000</b>	<b>\$63,000</b>	<b>\$389,000</b>

### Location Map





## CAPITAL IMPROVEMENT PLAN

Project Year	Future
Total Project Cost	\$ 3,448,500.00

Duration: 2015 thru 2020  
(Year) (Year)

Project Name: Trail Connections

**Description**  
 The improvements would consist of separate projects to connect the City's various trail systems throughout the City. The projects would be phased based on appropriate funding and would ultimately complete a further loop amongst the various trails. Maps outlining the various project locations can be seen on the following page.

**Justification**  
 The City has invested significant funds in the recent years expanding the City's trail system and will continue to make various improvements in upcoming years with the Safe Routes to School Project along with the various sidewalk improvements that the City has outlined in upcoming street and utility rehabilitation projects. One primary improvement that has been discussed throughout the City's recent past is a bridge connecting the north and south sides of the City currently separated by Main Street and the Burlington Northern Santa Fe Railroad. A twenty four foot tall bridge would be proposed for the crossing to connect the City's north and south side.

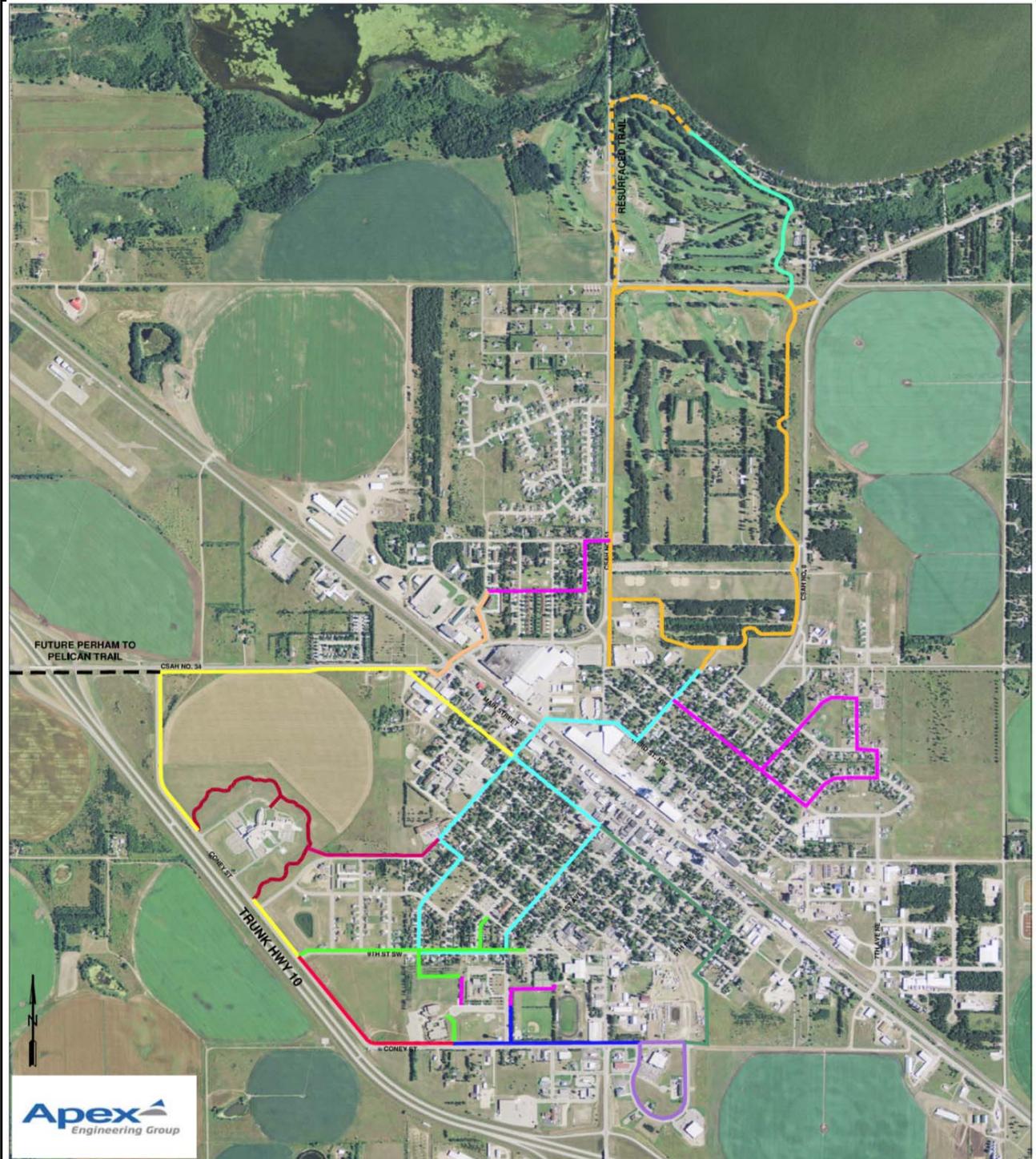
Project Financing	Future		
	PROPERTY ACQUISITION	CONSTRUCTION	TOTAL
S.R.T.S. Connection*	\$0	\$271,000	\$271,000
Retail Connection	\$0	\$95,000	\$95,000
School Connection	\$0	\$84,000	\$84,000
Little Pine Connection	\$0	\$125,000	\$125,000
Market Connection	\$0	\$98,500	\$98,500
North/South Connection	\$100,000	\$2,675,000	\$2,775,000
Seventh Street Connection	\$0	\$70,000	\$70,000
Southeast Loop	\$0	\$75,000	\$75,000
Resurface Trail to Paul Miller	\$0	\$20,500	\$20,500
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$3,348,500</b>	<b>\$3,448,500</b>



# CITY OF PERHAM

## CAPITAL IMPROVEMENT PLAN

Location Map



TRAIL CONNECTIONS	
	- ARVIG TRAIL
	- WELLNESS TRAIL
	- WILDFLOWER TRAIL
	- OTHER TRAILS
	- CAL MILLER BIKE ROUTE
	- SCHOOL CONNECTION
	- LITTLE PINE CONNECTION
	- S.R.T.S. CONNECTION
	- RETAIL WEST CONNECTION
	- RETAIL EAST CONNECTION
	- 7TH STREET CONNECTION
	- MARKET CONNECTION
	- NORTH/SOUTH CONNECTION



## CAPITAL IMPROVEMENT PLAN

Project Year	<u>Future</u>
<b>Total Project Cost</b>	<b>\$ 2,693,000.00</b>

**Duration:** 2015 thru 2020  
(Year) (Year)

**Project Name:** Northeast Industrial Park Expansion

**Description**  
The Northeast Industrial Park Expansion will include Street Improvements in the City's existing Park and Utility and Street Improvements to the north of the Existing Industrial Park.

**Justification**  
Recent growth in the City's Northeast Industrial Park has resulted in a lack of parcels available for development. The proposed Northeast Industrial Park will include improvements to portions of the City's Existing Park, along with an addition to the North allowing for future growth near the City's future City Shop Property. It is anticipated that the City will seek out grant funds for the proposed improvements

ITEM	ASSESSABLE	Future	
		CITY FUNDS	TOTAL
Sanitary Sewer & Services	\$212,000	\$0	\$212,000
Watermain & Services	\$512,000	\$0	\$512,000
Storm Sewer & Drainage	\$0	\$235,000	\$235,000
Street & Sidewalk	\$1,734,000	\$0	\$1,734,000
<b>TOTAL</b>	<b>\$2,458,000</b>	<b>\$235,000</b>	<b>\$2,693,000</b>

