

# 2018 Division Street and Seventh Street Reconstruction, Washington Street Overlay, and City Parking Lots



IMPROVEMENT HEARING

11/14/2017



# Tonight's Outline



- **Project Goals**
- **Project Scope – Division Street and Seventh Street Reconstruction**
- **Project Process Recap – Complete Streets Review**
  - Division Street and Seventh Street Reconstruction
  - Washington Street Mill and Overlay
- **Project Scope – Washington Street Mill and Overlay**
- **Project Scope – City Parking Lots**
- **Project Cost/Funding**
- **Project Process**
- **Tonight's Goals**
- **Questions and Comments**

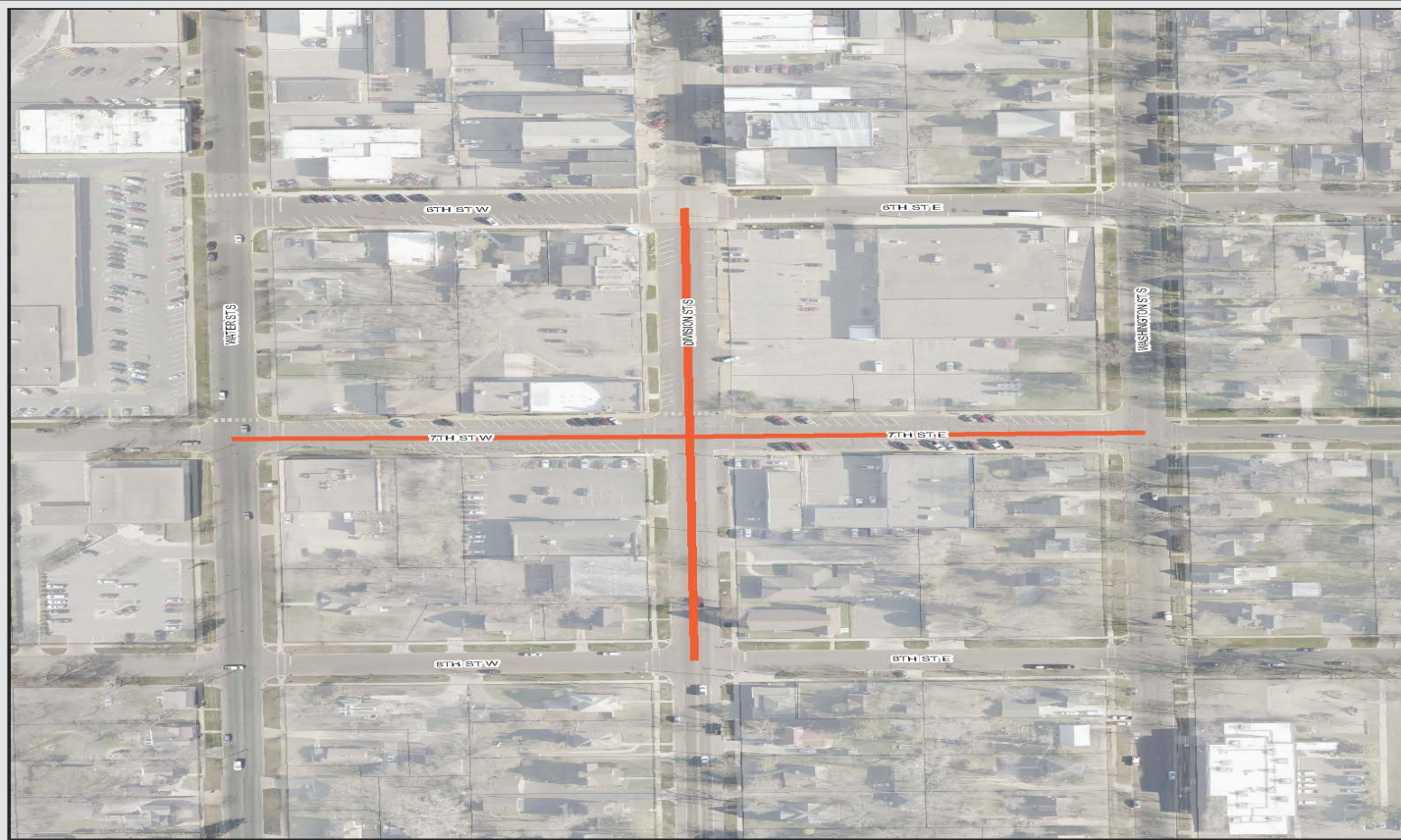
# Project Goals



- **Safety**
  - **Provide safe and comfortable street for all users**
- **Context**
  - **Design continuity in with Downtown Streetscape Plan**
- **Complete Street Policy – look for improvements for all users**
  - **Make pedestrians more of a priority**
  - **Fill in sidewalk Gaps**
- **Foster and enhance a vibrant downtown.**

# Project Location

## Division Street and Seventh Street Reconstruction



**2018 Reconstruction Project**  
Seventh St. and Division St.

City Of  
**Northfield**  
Minnesota  
Engineering 5/9/2017

# Project Scope

## Division Street and Seventh Street Reconstruction



# Street Reconstruction

- Utility Replacements (sanitary sewer, watermain, storm sewer)
- Curb and gutter replacement
- Driveway replacement
- Street surface replacement

# Public Input Process

Recap



## Public Input Process

- **Neighborhood Meeting #1 – August 2, 2017 (8:00 a.m. & 6:00 p.m.)**
- **Community Meeting #1 – August 9, 2017 (6:00 p.m.)**
- **Neighborhood/Community Meeting – August 30, 2017 (6:00 p.m.)**
- **Online Survey**
  - Survey available from 7/17/17 – 8/23/17
  - 60 Responses

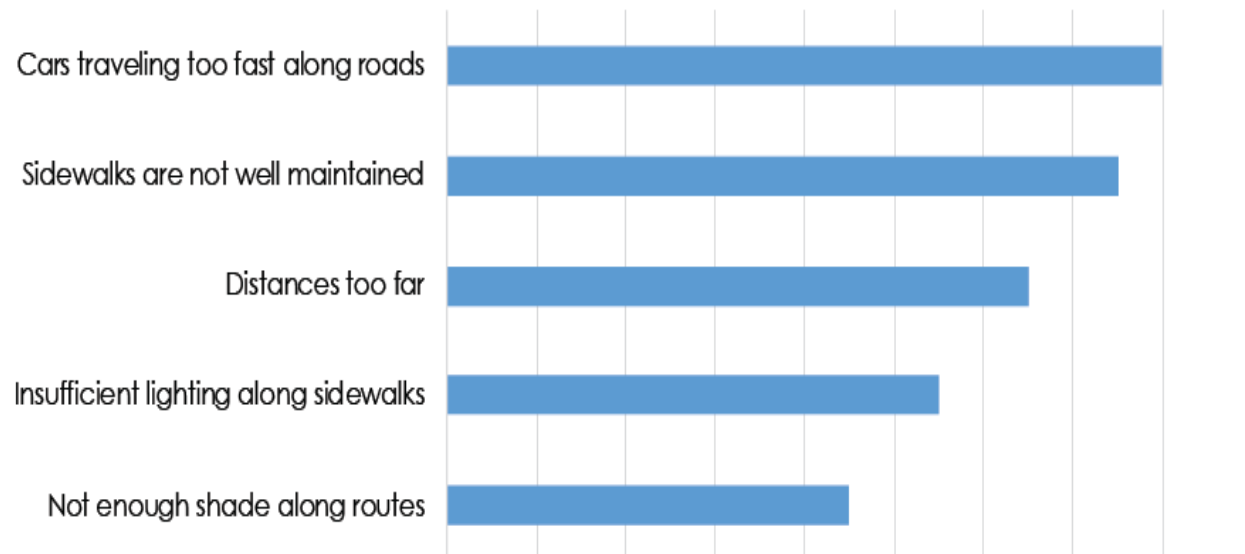
# Public Input Process

## Recap



# What we heard:

## Top Barriers to Walking



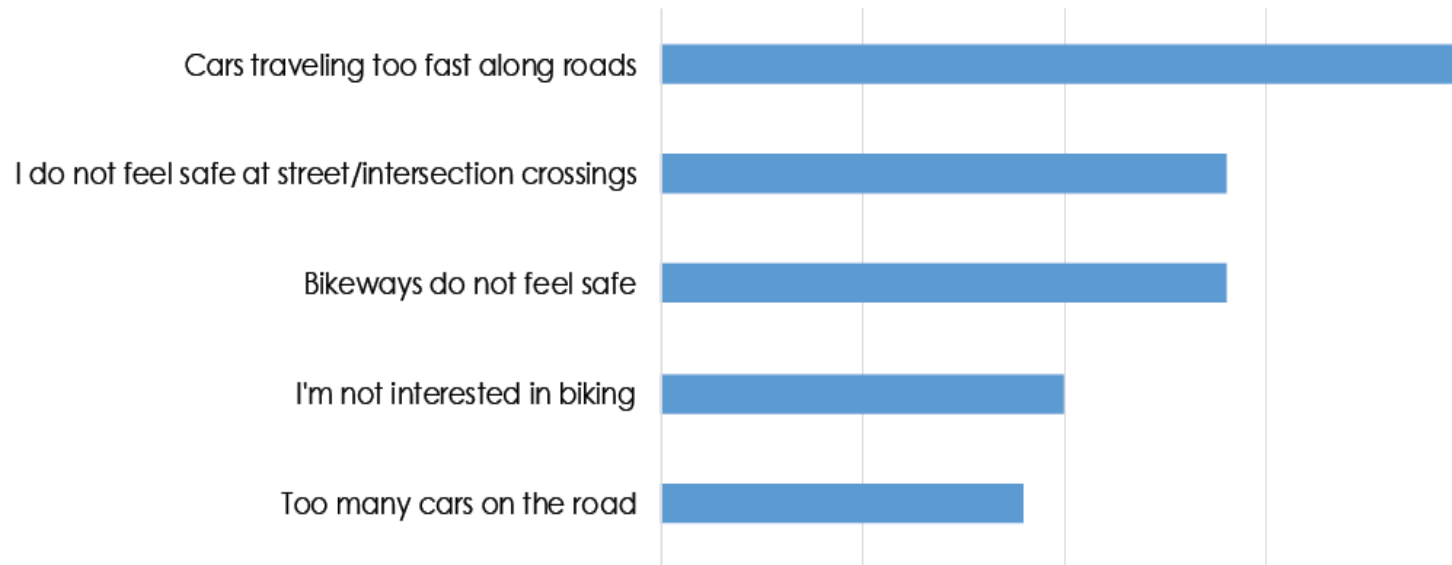
# Project Input Process

## Recap



# What we heard:

## Top Barriers to Biking





# Complete Streets

## Division Street and Seventh Street Reconstruction



### Complete Street amenities analyzed:

- Medians / boulevards
- Curb extensions
- Lane widths / roadway widths
- Parking
- Driveway design
- Site design
- Furniture
- Art
- Trees
- Raised intersection
- High visibility crosswalks
- Valley gutters
- Permeable pavers
- Dedicated landscaping areas



# Public Input Process

## Recap



# Shared Public Input

- **City Council Work Session – September 12, 2017**
  - Shared three conceptual layouts and received input from City Council

	<b>DIVISION STREET &amp; 7<sup>th</sup> STREET</b>	
	<b>Unique Features</b>	<b>Common Features</b>
<b>Concept 1</b>	<ul style="list-style-type: none"><li>▪ Decorative high-visibility crossings</li><li>▪ Angle parking wherever possible</li></ul>	<ul style="list-style-type: none"><li>▪ Landscaped areas</li><li>▪ New trees</li><li>▪ Valley gutters</li><li>▪ Curb extensions</li><li>▪ Maintains parking</li><li>▪ Handicap accessible parking spaces</li><li>▪ New sidewalk on north side of 7<sup>th</sup> Street, west of Division St</li><li>▪ Permeable pavers</li></ul>
<b>Concept 2</b>	<ul style="list-style-type: none"><li>▪ Raised intersection</li><li>▪ Mixture of angle &amp; parallel parking</li></ul>	
<b>Concept 3</b>	<ul style="list-style-type: none"><li>▪ Raised intersection</li><li>▪ Additional green space on Division</li><li>▪ More landscaped areas</li><li>▪ Parallel parking throughout</li></ul>	

# Public Input Process

Recap



## Shared Public Input

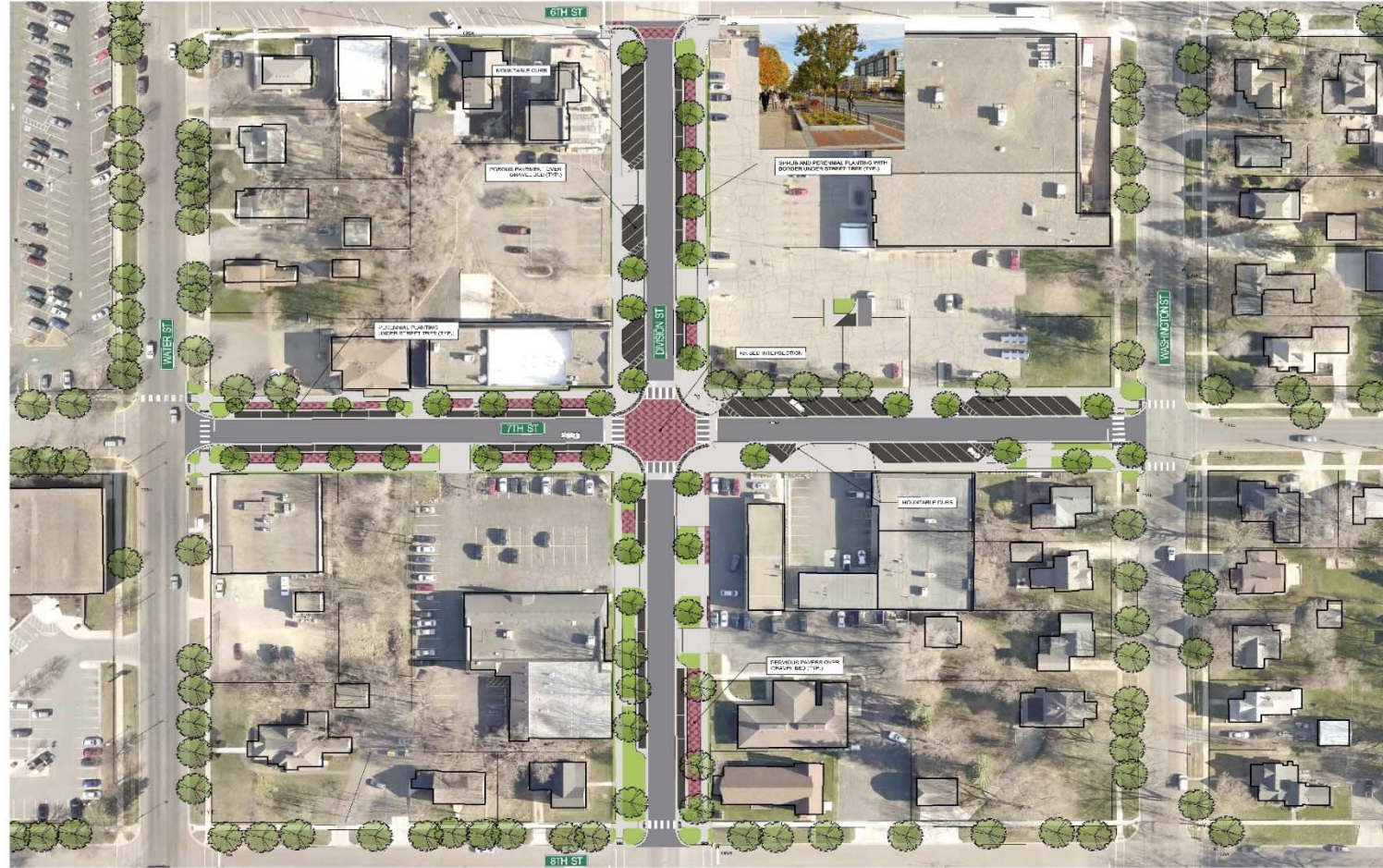
- **City Council Meeting – September 19, 2017**
  - City Council approved conceptual layout to move forward in the Feasibility Report

# Public Input Process

## Preferred Concept



EFFORTS HAVE BEEN MADE TO PRODUCE THIS DOCUMENT USING RECYCLED MATERIALS. PLEASE CONTINUE TO RECYCLE AND REUSE WHENEVER POSSIBLE AND NECESSARY. THANK YOU.



XXX  
NTS



**2018 Street Improvements**  
Northfield, MN  
Preferred Concept

### REVISIONS

#	DATE	DESCRIPTION
1		
2		
3		
4		

DESIGN BY: [Redacted] RELEASE DATE: 10/1/2017  
 APPROVED BY: [Redacted] REVIEW DATE: 9/1/2017



L# SHEET NUMBER  
# OF #

# Public Input Process

Division Street and Seventh Street Reconstruction



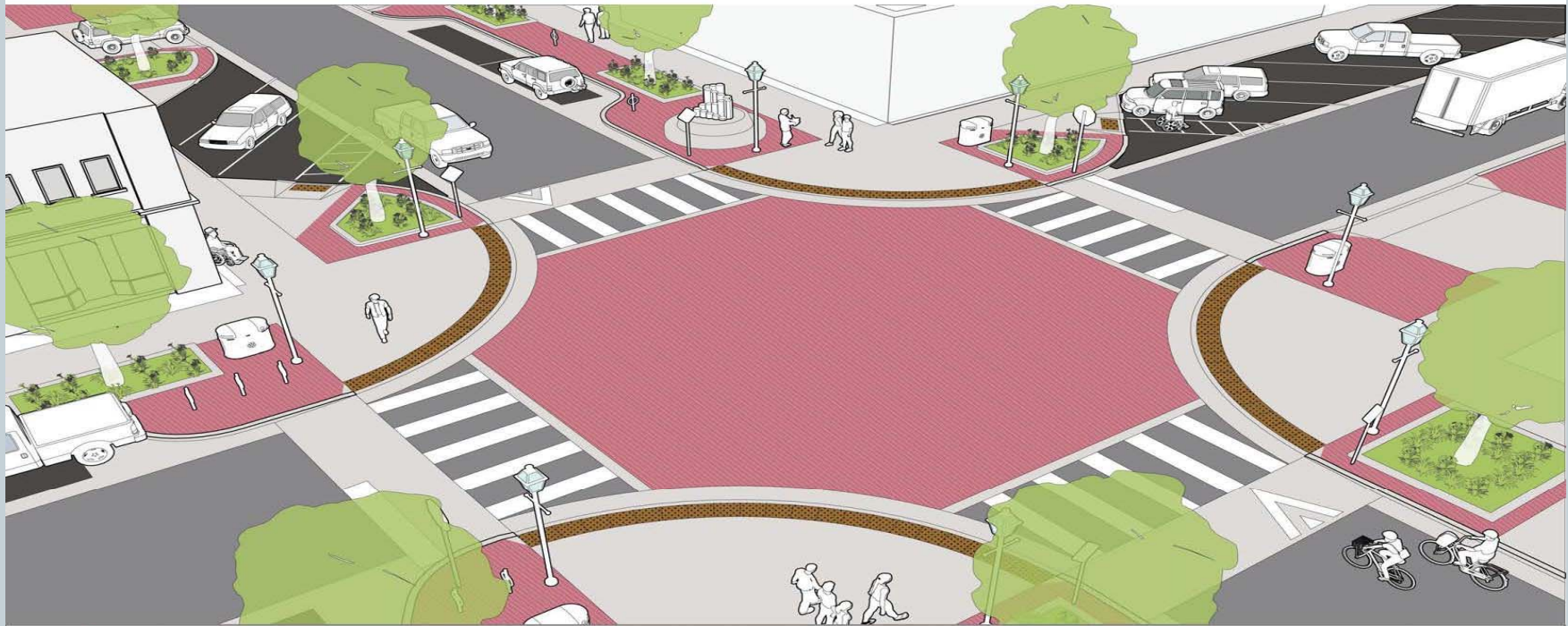
## Shared Public Input

Complete Streets Features applied to Division Street and Seventh Street Reconstruction

- Curb Extensions
- Driveway Design
- Dedicated landscaping areas with trees
- Raised intersection
- High visibility crosswalk
- Valley gutters

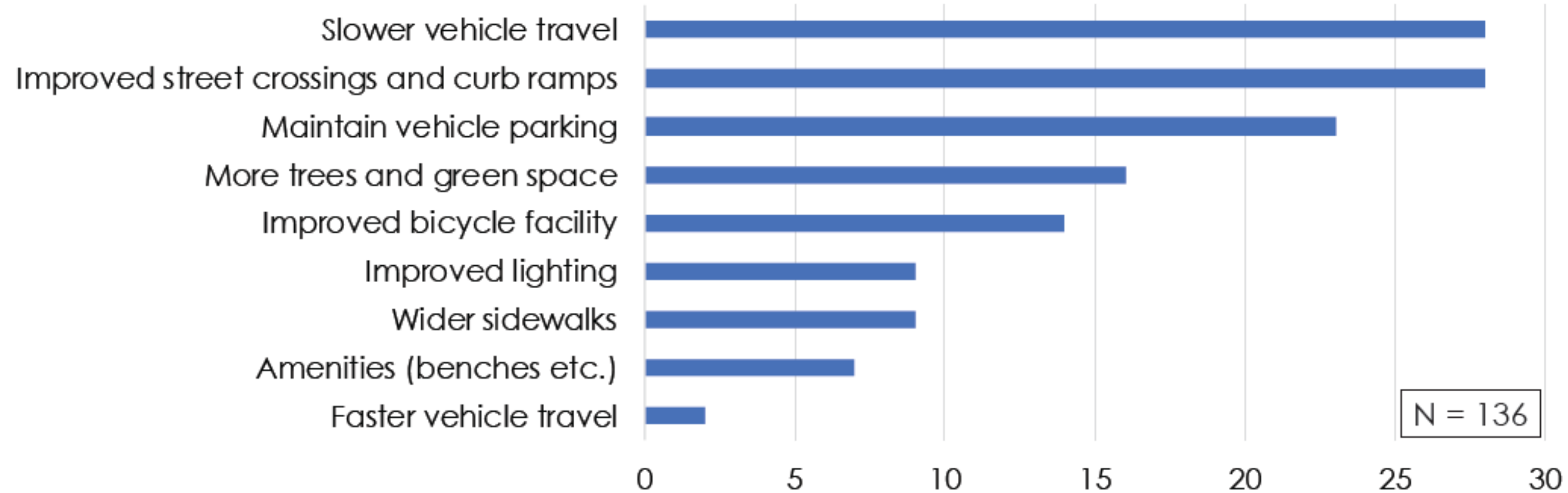
# Public Input Process

## Division Street and Seventh Street Reconstruction Preferred Concept



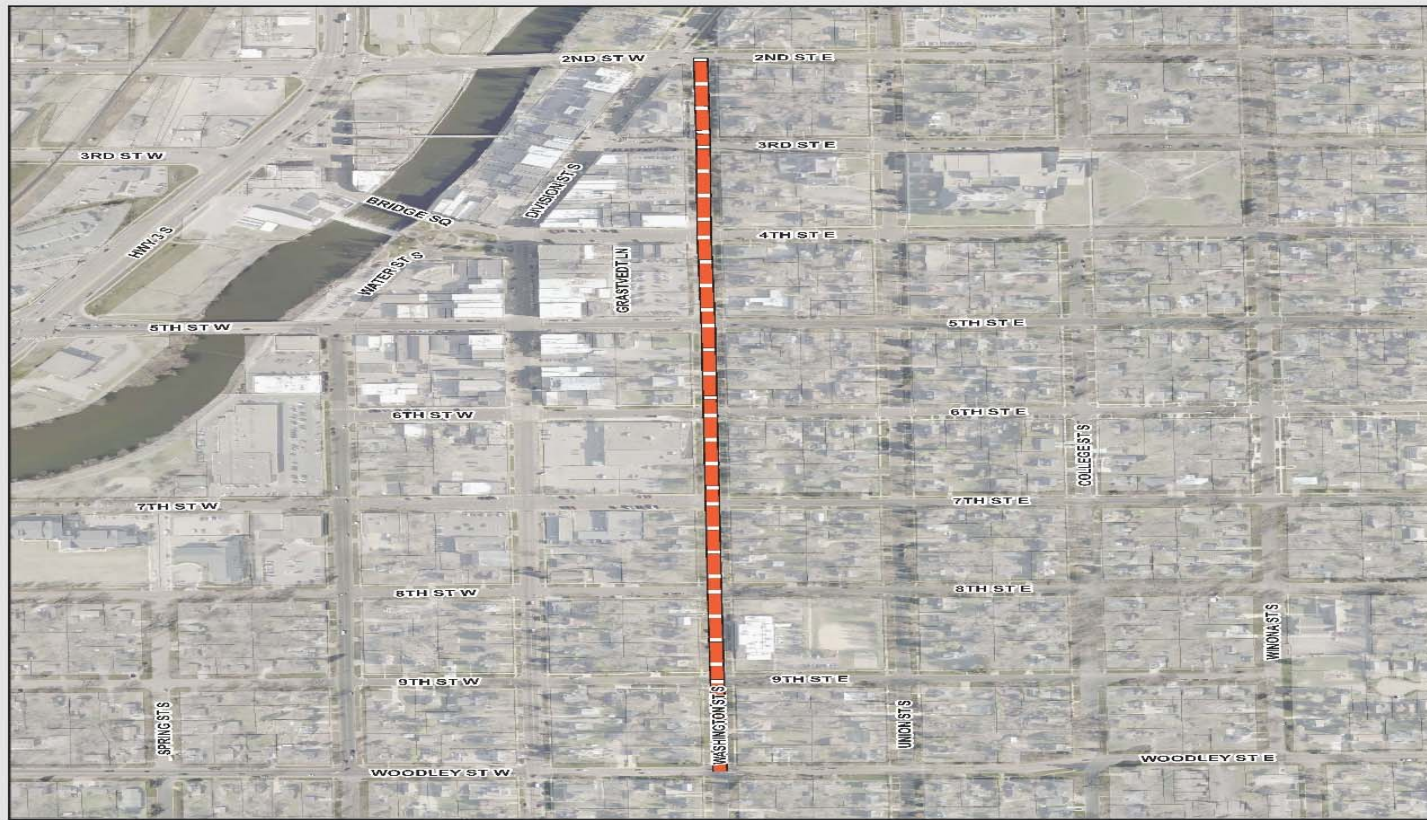
**DIVISION STREET & 7th STREET  
PREFERRED CONCEPT**

# 7th and Division – most important characteristics



# Project Locations

## Washington Street Mill and Overlay



2018 Mill and Overlay Project  
Washington Street

City Of  
**Northfield**  
Minnesota  
Engineering 6/7/2017



# Project Scope

## Washington Street Mill and Overlay



# 2" Mill and Overlay

- Minor Utility repair/replacement
- Curb and gutter spot repair
- Sidewalk spot repairs
- ADA Pedestrian Upgrades
- New 2" bituminous street surface

# Complete Streets

## Washington Street Mill and Overlay



### Complete Streets amenities analyzed:

- Medians / boulevards
- Curb extensions
- Lane widths / roadway widths
- Parking
- Driveway design
- Site design
- Furniture
- Art
- Trees
- High visibility crosswalks
- Bicycle pavement markings & signage



# Public Input Process

## Recap



# Shared Public Input

- **City Council Work Session – September 12, 2017**
  - Shared three conceptual layouts and received input from City Council

	WASHINGTON STREET	
	Unique Features	Common Features
<b>Concept 1</b>	<ul style="list-style-type: none"><li>▪ Median crossing island at Washington &amp; 5<sup>th</sup></li><li>▪ Median crossing island at Washington &amp; Woodley</li><li>▪ Some curb extensions</li></ul>	<ul style="list-style-type: none"><li>▪ High visibility crosswalk markings</li><li>▪ Expanded bus stop at 8<sup>th</sup> and Washington</li><li>▪ New sidewalk on West side of Washington at 2<sup>nd</sup> St</li><li>▪ No changes made to 6<sup>th</sup>/Washington due to existing truck turning movements</li><li>▪ Maintains existing parking</li><li>▪ Bicycle boulevard pavement markings</li></ul>
<b>Concept 2</b>	<ul style="list-style-type: none"><li>▪ Curb extensions at every intersection except 6<sup>th</sup></li></ul>	
<b>Concept 3</b>	<ul style="list-style-type: none"><li>▪ Long curb extensions at every intersection except 6<sup>th</sup></li><li>▪ Mid-block curb extensions</li></ul>	

# Public Input Process

## Washington Street Mill and Overlay



# Shared Public Input

## Complete Streets Features applied to Washington Street

- Curb extensions
- Driveway design
- Trees
- High visibility crosswalks
- Bicycle pavement marking

# Public Input Process

Recap



## Shared Public Input

- **City Council Meeting – September 19, 2017**
  - City Council approved conceptual layout to move forward in the Feasibility Report

# Public Input Process

## Preferred Concept



# Complete Streets

## Washington Street Mill and Overlay



**WASHINGTON STREET  
PREFERRED CONCEPT**

# Complete Streets

## Washington Street Mill and Overlay

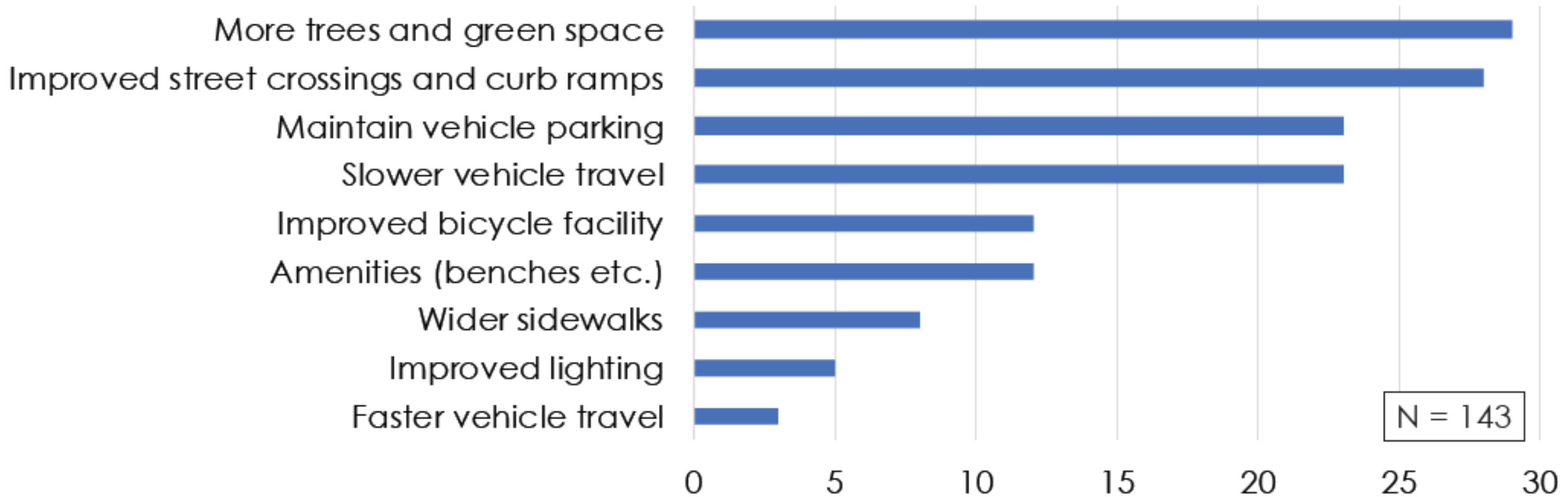


WASHINGTON STREET & 5th STREET  
PREFERRED CONCEPT



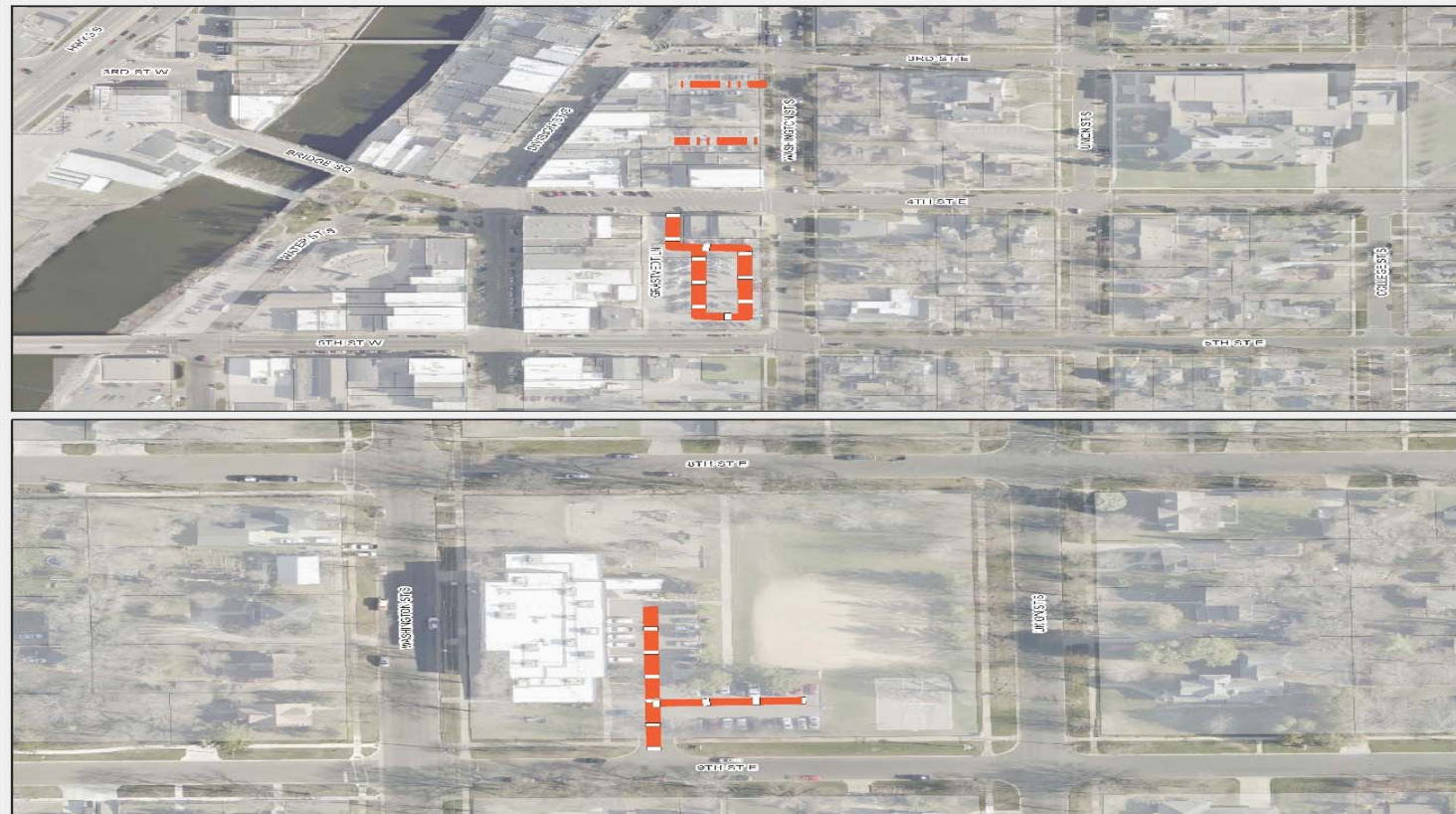
# Washington - most important characteristics

## WASHINGTON STREET



# Project Locations

## City Parking Lots



- Mill and Overlay
- Reclamation



0 25 50 100 Feet

### 2018 Parking Lot Improvements

The Grand Lot, Library Lot, Fifth & Washington Lot, & City Hall

City of **Northfield**  
Minnesota

Engineering 7/14/2017

# Project Scope

## City Parking Lots



- **2" Mill and Overlay (City Hall Parking Lot, Washington and Fifth Street Parking Lot)**
  - Curb and gutter spot repair
  - Storm sewer improvements (City Hall)
  - New 2" bituminous street surface
- **Parking Lot Reconstruction (Washington Street Lot #1)**
  - Pavement and sub-base removal
  - Curb and gutter spot repair
  - New gravel base
  - New 3.5" bituminous pavement section
- **Parking Lot Reclamation (Washington Street Lot #2)**
  - Pavement Reclamation
  - Curb and gutter spot repair
  - New 3.5" bituminous pavement section

# Estimated Project Cost



<b>ESTIMATED TOTAL PROJECT COSTS</b>	
	<b>ESTIMATED COSTS</b>
Street	\$2,530,920
Storm Sewer	\$337,924
Sanitary Sewer	\$214,393
Watermain	\$226,894
<i>Subtotal</i>	<i>\$3,310,131</i>
Contingency (10%)	\$331,013
<i>Construction Total</i>	<i>\$3,641,144</i>
<i>Overhead (15%)</i>	<i>\$546,172</i>
<b>PROJECT COSTS</b>	<b>\$4,187,316</b>

# Project Funding



<b>TOTAL PROJECT FUNDING</b>	
<b>FUNDING SOURCE</b>	<b>ESTIMATED FUNDING</b>
Bonding	\$993,000
Assessments	\$408,132
Storm Fund	\$236,734
Sanitary Fund	\$271,207
Water Fund	\$287,021
MSA*	\$1,991,222
<b>TOTAL FUNDING</b>	<b>\$4,187,316</b>

\* The City of Northfield has approximately \$930,000 in MSA fund balance. The City intends to advance the remaining funds to complete the project. Advancing MSA funds is a common practice for Municipalities.

# Project Process



August 2, 2017	Neighborhood Meeting
August 9, 2017	Community Meeting
August 22, 2017	Order Preparation of Feasibility Report
August 30, 2017	Neighborhood/Community Meeting
Sept. 12, 2017	City Council Share Concept
Sept. 19, 2017	City Council Approve Concept
October 17, 2017	Accept Feasibility Report and Call for Improvement Hearing
October 17, 2017	Authorize Preparation of Plans and Specifications
<b>November 14, 2017</b>	<b>Improvement Hearing</b>
November 21, 2017	Order Improvement
January 24, 2018	Neighborhood Meeting
February 6, 2018	Approve Plans and Order Advertisement for Bids
February 14, 21, 28, 2018	Publish Ad for Bid in Northfield News
March 8, 2018	Bid Opening – 2:00 P.M.
March 20, 2018	Accept Bids and Award Contract
April/May 2018	Property Owner Meetings
May – November 2018	Construction
June 2019	Accept Improvements and Authorize Final Payment

# Assessment Process



March 20, 2018	Declare Amount to be Assessed / Call for Assessment Hearing
April 17, 2018	Assessment Hearing
May 1, 2018	Adopt Assessments

# Tonight's Goals



- **Receive additional information from property owners and citizens**
- **Receive additional input from City Council in preparation for ordering improvement requires (6/7 Council Vote)**



# Questions / Comments

