Project Overview

1. Add sidewalks or trails
2. Improve traffic flow and intersection safety
3. Improve drainage
4. Provide safe access to businesses
5. Address pavement at the end of useful life

BEGIN PROJECT

MEMORIAL HIGHWAY

END PROJECT
Existing Conditions
Existing Conditions: Roadway

- Failing Subgrade
Existing Conditions: Drainage
Existing Conditions: Traffic Operations/Access Management

- **ADT:**
  - **2040 ADT:**
  - **Existing Access Points:** 112

- **Existing:** 7,759
- **Future:** 10,507
- **Existing:** 15,378
- **Future:** 20,806
- **Existing:** 15,879
- **Future:** 21,494
- **Existing:** 15,879
- **Future:** 21,439

**Blue Text = AADT Less Than 20,000**

**Red Text = AADT Greater Than 20,000**

**Memorial Hwy**

**3rd St SE**

**40th Ave SE**

**46th Ave SE**

**Ex 16.877**

**Fut 22.840**
Existing Conditions: Pedestrians
Existing Conditions: City Utilities

- Replace Water Main
- Rehabilitate Sanitary Sewer
Proposed Improvements
Intersection Improvements

3rd Street:
Intersection Improvements

40th Avenue:
Intersection Improvements

46th Avenue:
Proposed Improvements:

- Full Water Replacement
- Limited Sanitary Replacement
- Rehab or Replace Lift Stations
Drainage
Existing Drainage Constraints

Sheet flow to Highway ROW
Major Ditch flow
Highway Ditch flow
Major Culverts
Environmental Documentation

Documented Categorical Exclusion (DCE)
- Aquatic Resources Delineation
- Architectural
- Section 4(f)
- Levee/Stopwall
Funding

Project Cost Share:
- Federal Cost Share: 80.93%
- State Cost Share: 9.07%
- Local Cost Share: 10%

COST SHARE BREAKDOWN:

- Federal Cost Share
- State Cost Share
- Local Cost Share: Roadway & Storm
- ADDITIONAL CITY UTILITY COST: Water & Sanitary Sewer

Additional City of Mandan Utilities Upgrade Cost
Project Schedule

- **PROJECT SURVEY**
  - SPRING 2019

- **PUBLIC MEETING**
  - SUMMER 2019

- **BUSINESS/LANDOWNER OPEN HOUSE**
  - SPRING 2019

- ENTIRE CORRIDOR (ALL PHASES) ENVIRONMENTAL DOCUMENT
  - FALL 2019

- **BUSINESS/LANDOWNER OPEN HOUSE**
  - SPRING 2020

- **CITY’S STREET IMPROVEMENT DISTRICT ESTABLISHED**
  - ANTICIPATED SUMMER 2020

- **PHASE 1 ROW ACQUISITION/EASEMENTS**
  - FALL 2020

- **PHASE 1 PLANS COMPLETE**
  - SUMMER 2021

- **PHASE 1 PROJECT BID**
  - FALL 2021

- **ONE TO TWO MORE CONSECUTIVE CONSTRUCTION PHASES ANTICIPATED**

*Project phasing and sequencing will be determined during the preliminary engineering phase*
Contact Us

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