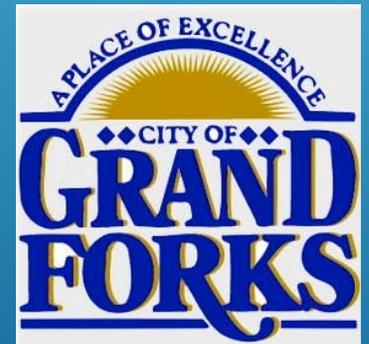
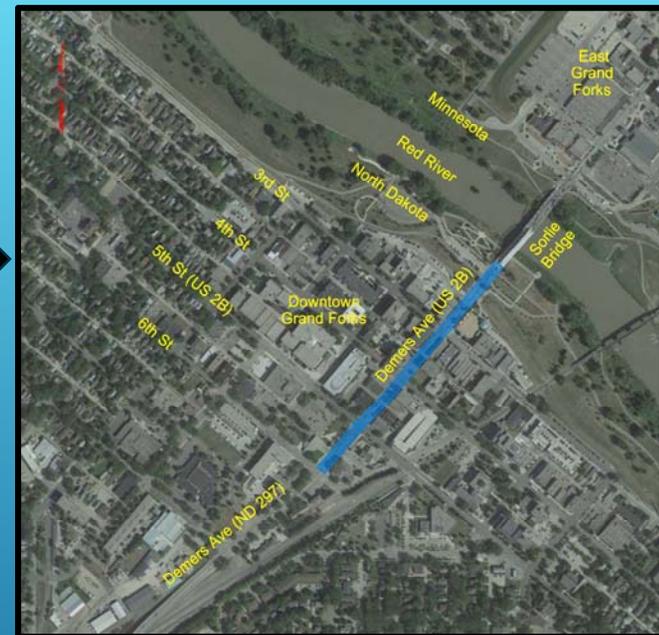
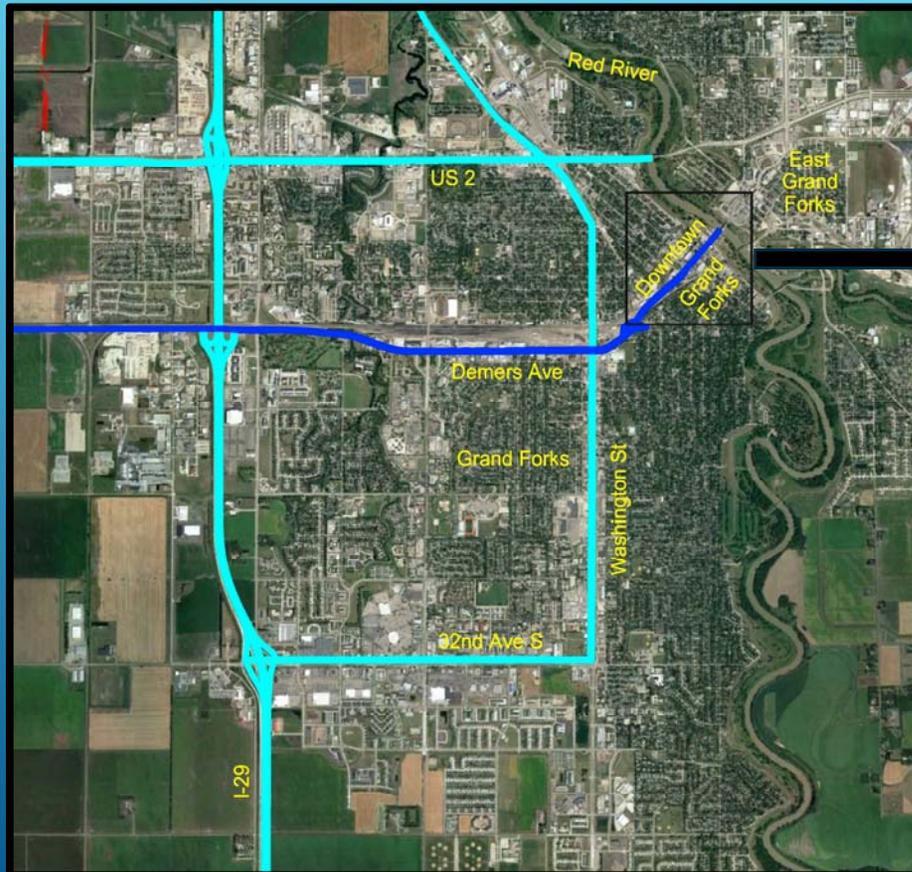


DEMERS AVENUE GRAND FORKS, ND



PROJECT LOCATION

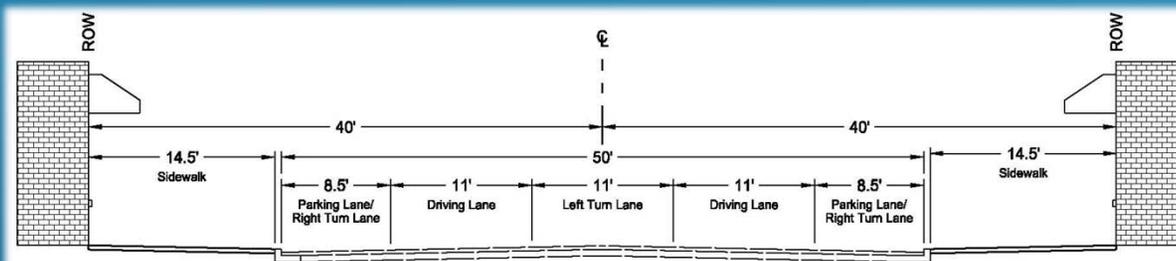


- ▶ DeMers Avenue
- ▶ 6th Street to Sorlie Bridge

DEMERS AVENUE TODAY



Current Average Daily Traffic
(2017) \approx 15,000
Trucks \approx 200
Passenger Cars \approx 14,800



DEMERS AVENUE PROJECT SCOPE

- ▶ No set strategy or scope
 - ▶ Using public involvement to help determine
- ▶ Originally intended as mill & overlay to be completed along with work on the Sorlie Bridge
 - ▶ When it came time for the city to approve the project, concerns were brought up that a mill & overlay wasn't the best alternative for the city
 - ▶ To keep the work on Sorlie bridge on schedule, the DeMers Ave work was pulled from the project to be revisited at a future date.

DEMERS AVENUE PROJECT SCOPE

- ▶ February 2017 letter to NDDOT from City of Grand Forks
 - ▶ Requested NDDOT To start project development
 - ▶ Possible competing interests for the limited right of way along DeMers
 - ▶ Suggested stakeholder and public meetings
 - ▶ Encouraged renderings & models that assist public in visualizing options
- 

PROJECT KICK-OFF MEETING

- ▶ Laid out proposed project development process and timeline
 - ▶ Get comments and buy-in from the City and other DOT Divisions
- ▶ Identified stakeholders
 - ▶ Bicycle, Pedestrian, & Greenway Advisory Group
 - ▶ Grand Forks Fire Department
 - ▶ Cities Area Transit
 - ▶ UND
 - ▶ Grand Forks - East Grand Forks MPO
 - ▶ Grand Forks Public Schools
 - ▶ Grand Forks Police Department
 - ▶ Downtown Development Association
 - ▶ Demers Avenue Business & Property Owners
 - ▶ Downtown Focus Group
 - ▶ Chamber of Commerce

PROJECT TASKS & TIMELINE

- ▶ Meet with stakeholder groups/entities individually April – May 2017
- ▶ Draw alternatives May – June 2017
- ▶ Meet with stakeholders collectively July 2017
- ▶ Traffic Operations Aug – Sept 2017
- ▶ 3D Models Aug – Nov 2017
- ▶ Public Input Meeting December 2017
- ▶ Public Involvement Report December 2017
- ▶ Decision Document January 2018
- ▶ Present Decision Document to City Council January 2018
- ▶ Environmental Document Spring 2018
- ▶ Project Design Summer & Fall 2018

DEMERS AVENUE – STAKEHOLDER MEETING RECAP

- ▶ Individual/Small Group Stakeholder Meetings – April/May 2017
 - ▶ Get an idea of what groups want for Demers Ave
 - ▶ Didn't present any alternative layouts
 - ▶ Provided handout with:
 - ▶ Project Details
 - ▶ Funding
 - ▶ Timeline
 - ▶ Strategy Options
 - ▶ Mill & Overlay
 - ▶ Reconstruction
 - ▶ Potential Design Features
 - ▶ Bike Lanes
 - ▶ Sidewalk Width Options
 - ▶ Parking Options
 - ▶ Decorative Enhancements
 - ▶ Curb Extensions

CURB EXTENSIONS

- ▶ Provide shorter crossing distance
- ▶ Provides better sight distance between vehicles and pedestrians

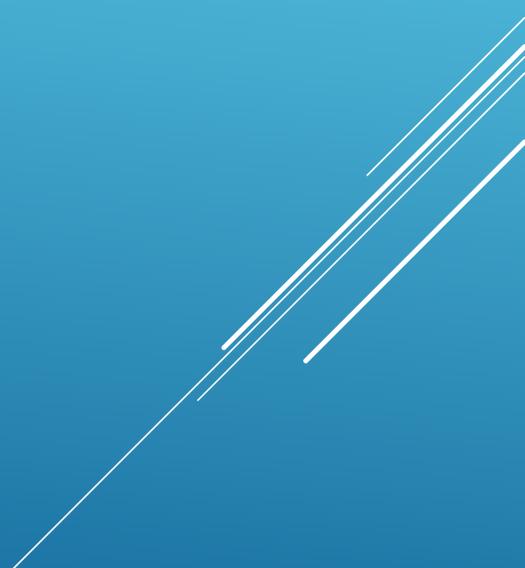
Without Curb Extensions



With Curb Extensions



DEMERS AVENUE – FIRST MEETING COMMENTS

- ▶ Majority favored mill & overlay with roadway enhancements
 - ▶ Concerned with time and impacts required for reconstruction
 - ▶ Underground utilities do not need to be replaced, so reconstruction not warranted
 - ▶ Limited support for reconstruction
 - ▶ Make Demers more pedestrian & bicycle friendly
 - ▶ Concerns over having bicycle lanes on Demers Avenue
 - ▶ Too much traffic on Demers
 - ▶ Possibly on side streets with less traffic
 - ▶ Numerous requests for protected left turns on Demers Ave
 - ▶ Concerns over curb extensions and turning movements
 - ▶ Fire Engines And Transit Buses
- 

DEMERS AVENUE – FIRST MEETING COMMENTS

- ▶ Concerns with removing parking
 - ▶ Concerns with narrowing sidewalk
 - ▶ Add more lights along Demers or replace existing lights with brighter ones
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against the blue background.

DEMERS AVENUE – ALTERNATIVES

1. Mill & Overlay W/ Enhancements

- ▶ Estimated Cost ≈ \$ 350,000
- ▶ Design Life = 10 Years
- ▶ Time for Construction = 1-2 Weeks for Paving, 4-6 Weeks for Curb Ramps

2. Reconstruction W/ Curb Extensions

- ▶ Both parking lanes remain
- ▶ Estimated Cost ≈ \$6,500,000
- ▶ Design Life = 30 Years
- ▶ Time for Construction = 4-6 Months

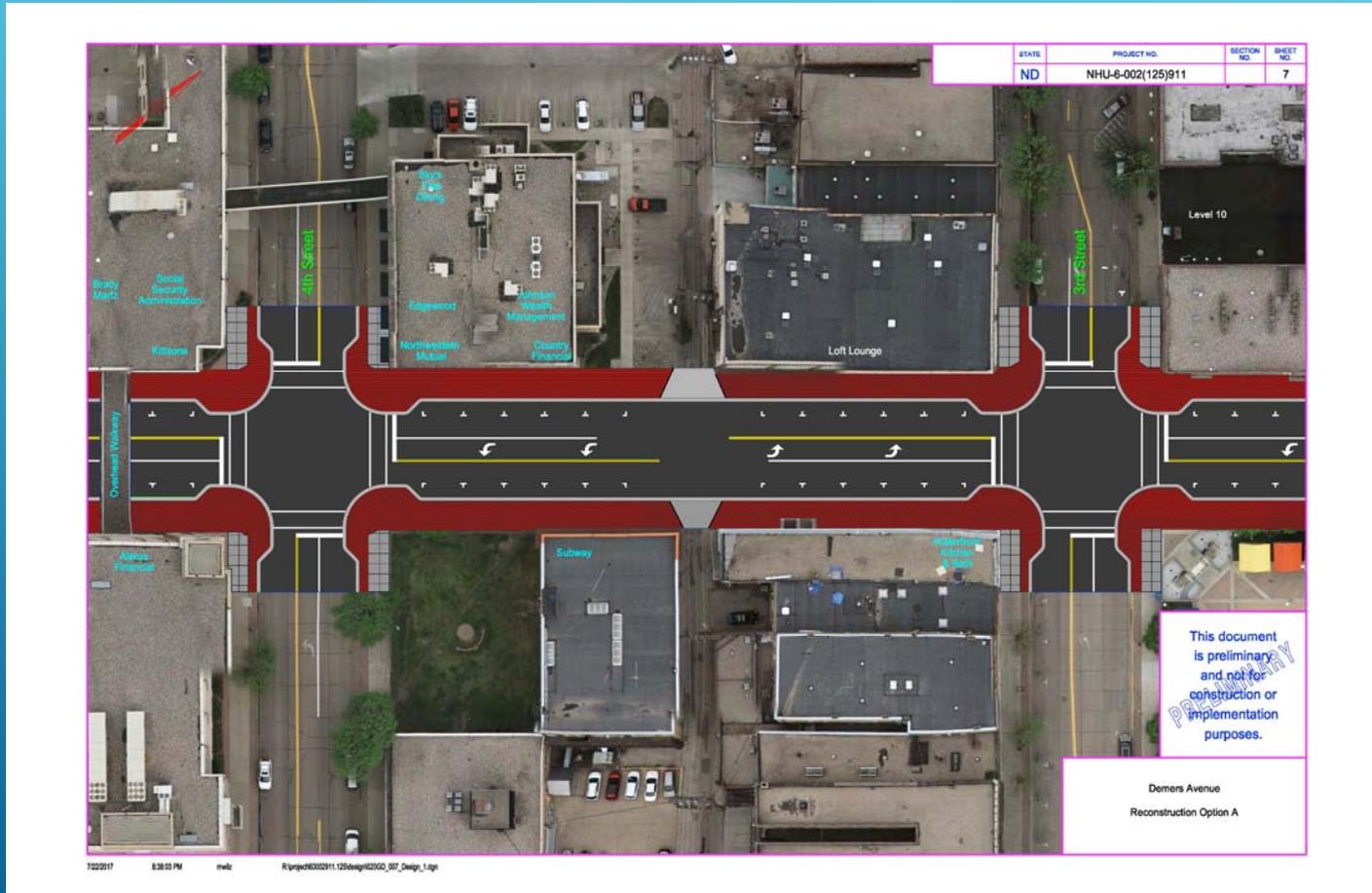
3. Reconstruction W/ Curb Extensions & Bike Lanes

- ▶ One parking lane removed
- ▶ Estimated Cost ≈ \$6,500,000
- ▶ Design Life = 30 Years
- ▶ Time for Construction = 4-6 Months

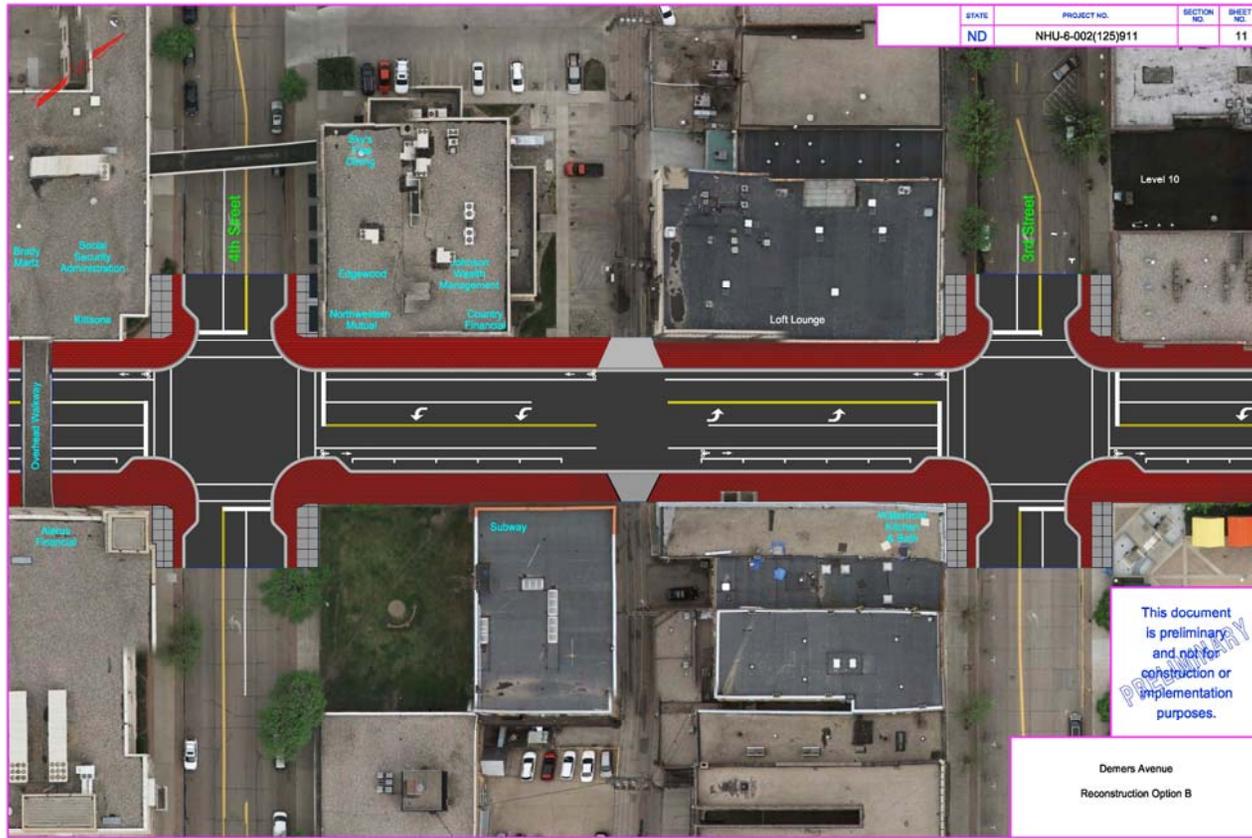
DEMERS AVENUE – MILL & OVERLAY



DEMERS AVENUE – RECONSTRUCTION OPTION A



DEMERS AVENUE – RECONSTRUCTION OPTION B



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NHU-6-002(125)911		11

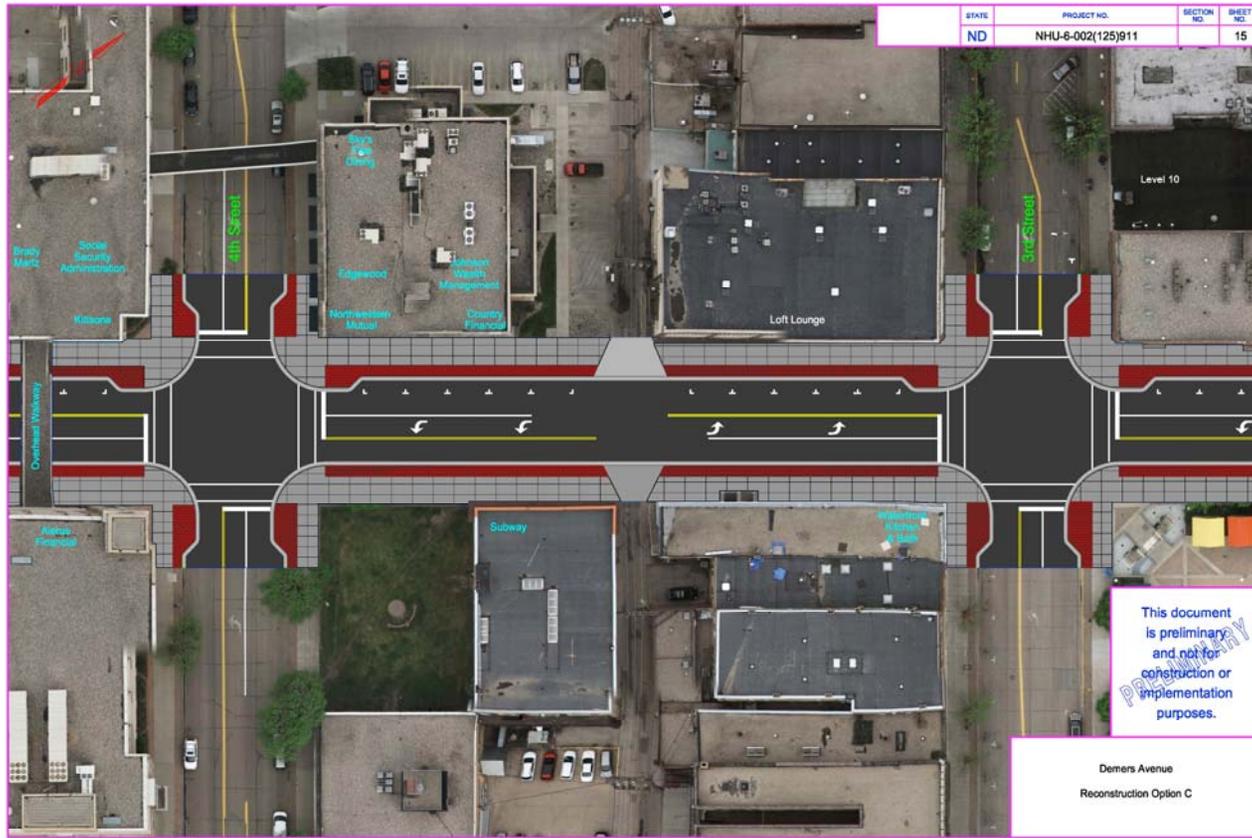
This document is preliminary and not for construction or implementation purposes.

Demers Avenue
Reconstruction Option B

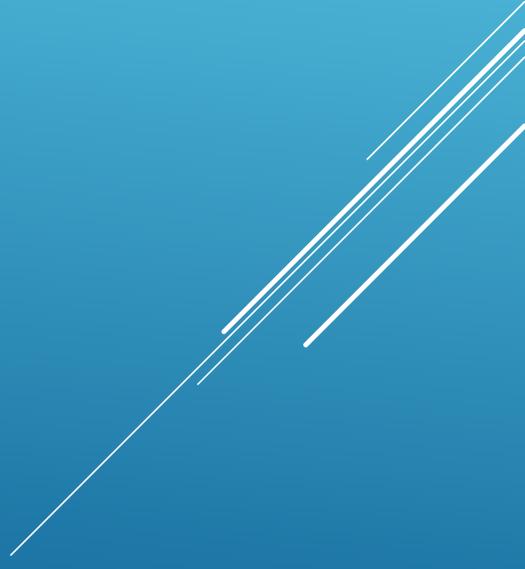
DEMERS AVENUE – GROUP STAKEHOLDER MEETING

- ▶ Group Stakeholder Meeting – July 2017
 - ▶ Recapped first meeting materials
 - ▶ Went over comments received from first meeting
 - ▶ Presented 3 alternative layouts
- ▶ Comments
 - ▶ More support for reconstruction, especially curb extensions
 - ▶ Business owners prefer mill & overlay
 - ▶ Little to no support for bike lanes
 - ▶ Desire for wider sidewalks
- ▶ Added Alternative
 - ▶ Reconstruction W/ Curb Extensions & Wider Sidewalk
 - ▶ One parking lane removed

DEMERS AVENUE – RECONSTRUCTION OPTION C



DEMERS AVENUE – ALTERNATIVE VISUALIZATION

- ▶ RDV Systems
 - ▶ Sub-consultant to WSN
 - ▶ Producing 3D Computer Models of the Alternatives
 - ▶ Model Viewing
 - ▶ Download to Desktop
 - ▶ Online
 - ▶ Screenshare
 - ▶ Make Videos
 - ▶ Drive-thru
 - ▶ 360°
- 

QUESTIONS?

