

# US 2 / 53 - East Second Street Resurfacing Project

March 2018



*Second Street circa  
1950s  
Photo courtesy of City of  
Superior*



# US 2 / 53 - East 2nd Street Status

- ▶ Principal Arterial, and serves Intermodal Connectors to the Duluth/Superior Port.
- ▶ It is part of the Over-Size/Over-Weight truck through-route connecting US Highways 2 and 53 with Duluth and beyond.
- ▶ NHS route, Connections 2030 Backbone, State and Federal Long Truck Route.
- ▶ Current traffic volumes as high as 22,000 vehicles per day



## US 2 / 53 - East 2nd Street Status

- ▶ The Current project would be the first overlay of the concrete.
- ▶ Traffic is separated by raised medians in many locations, adding complexity to construction work.
- ▶ Resurfacing begins just prior to the 2nd Avenue East intersection and ends just past 53rd Avenue East

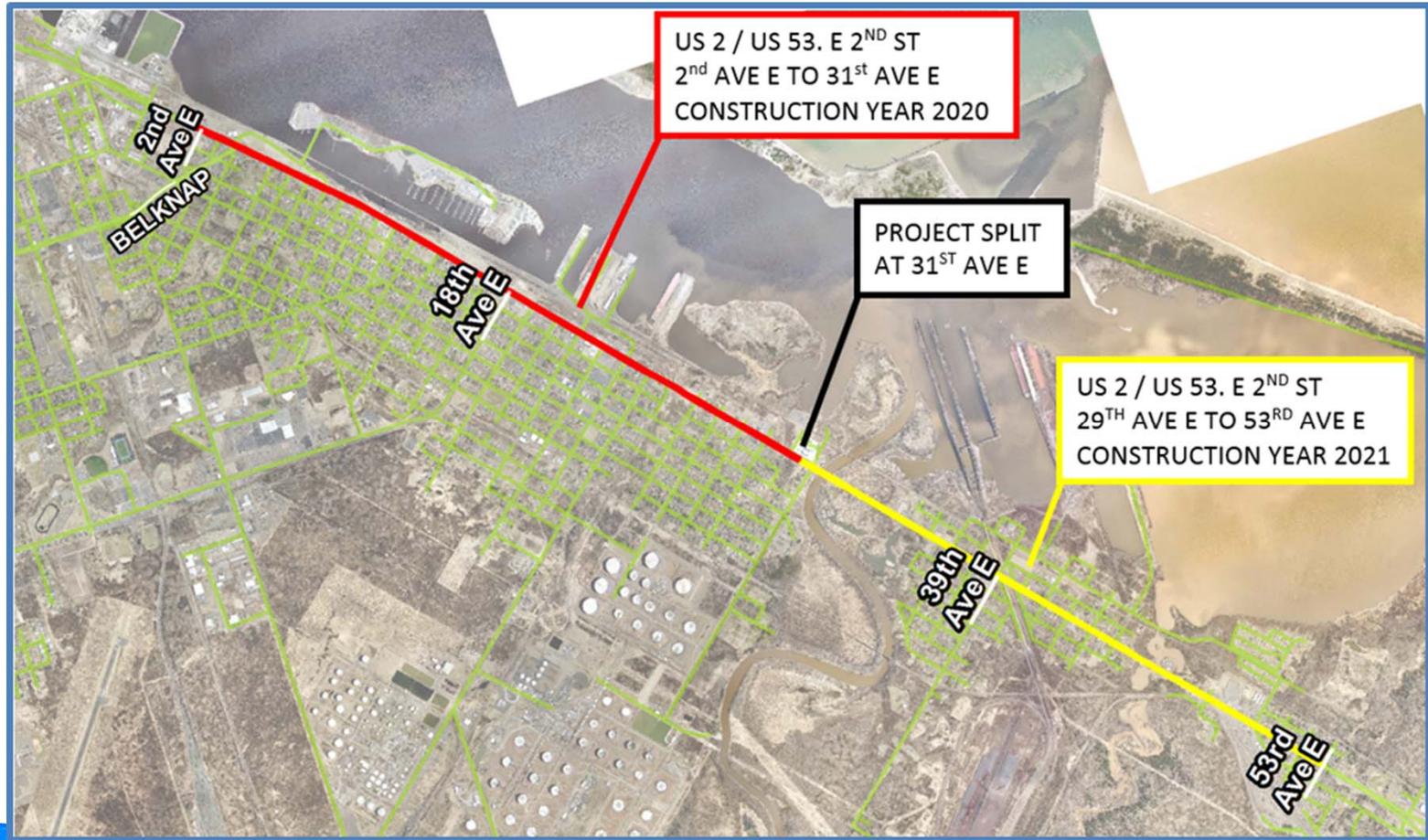


# Resurfacing Project improvements

- ▶ Spot concrete pavement repairs
- ▶ Manhole and inlet repairs
- ▶ Rehabilitation of three bridge structures
- ▶ Traffic signal replacements or updates
- ▶ A coarse grind of the concrete pavement
- ▶ Asphalt overlay of the pavement
- ▶ Sidewalk Curb ramps will be updated



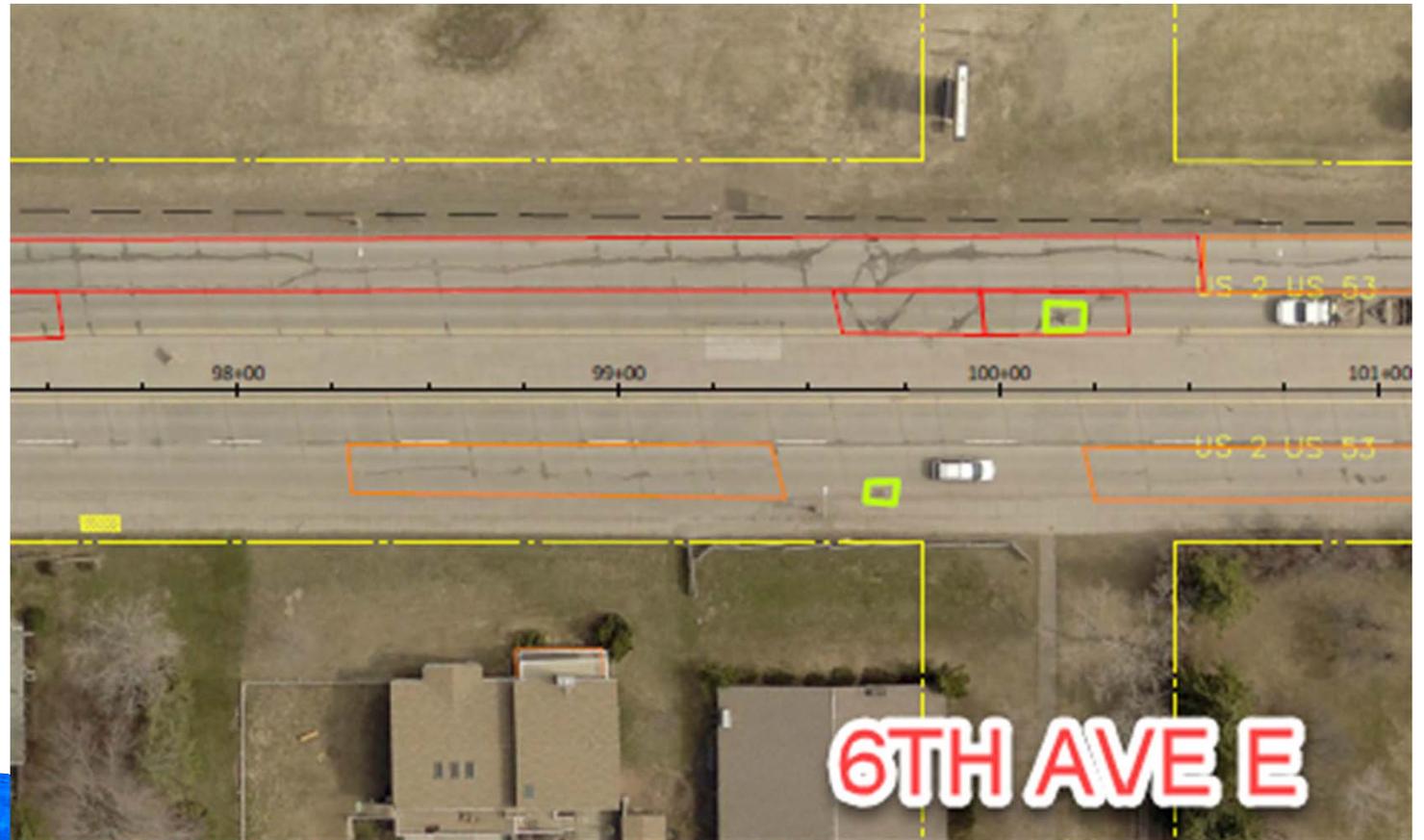
- ▶ Two adjacent resurfacing projects
- ▶ Two projects in two separate construction years
- ▶ The split will be located near the Nemadji River.



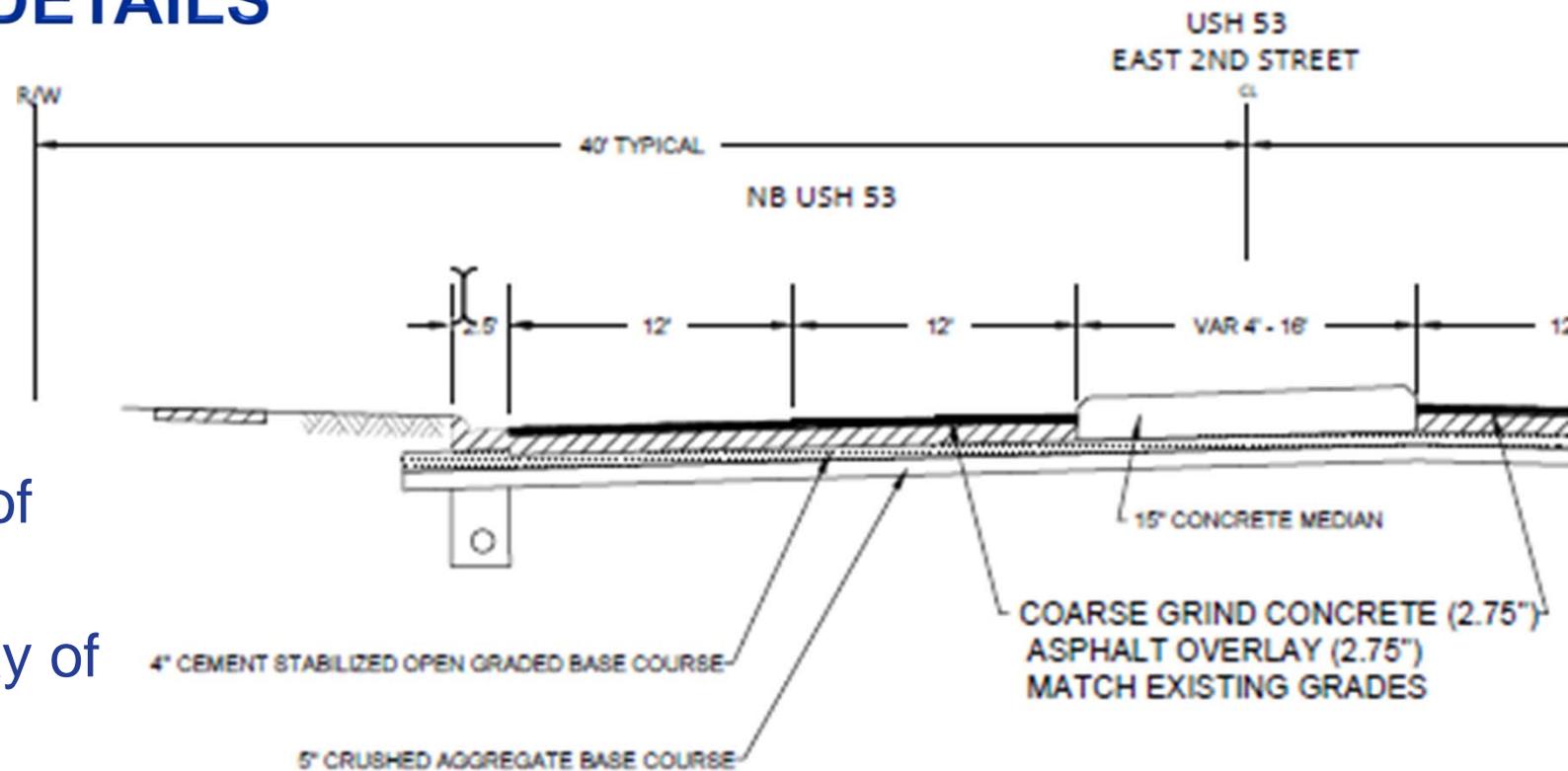
# PROJECT DETAILS

## 2nd Avenue East to 31st Avenue East

- ▶ Spot concrete repairs (*in red and orange*)
- ▶ Manhole and inlet repairs (*in lime green*)



# PROJECT DETAILS



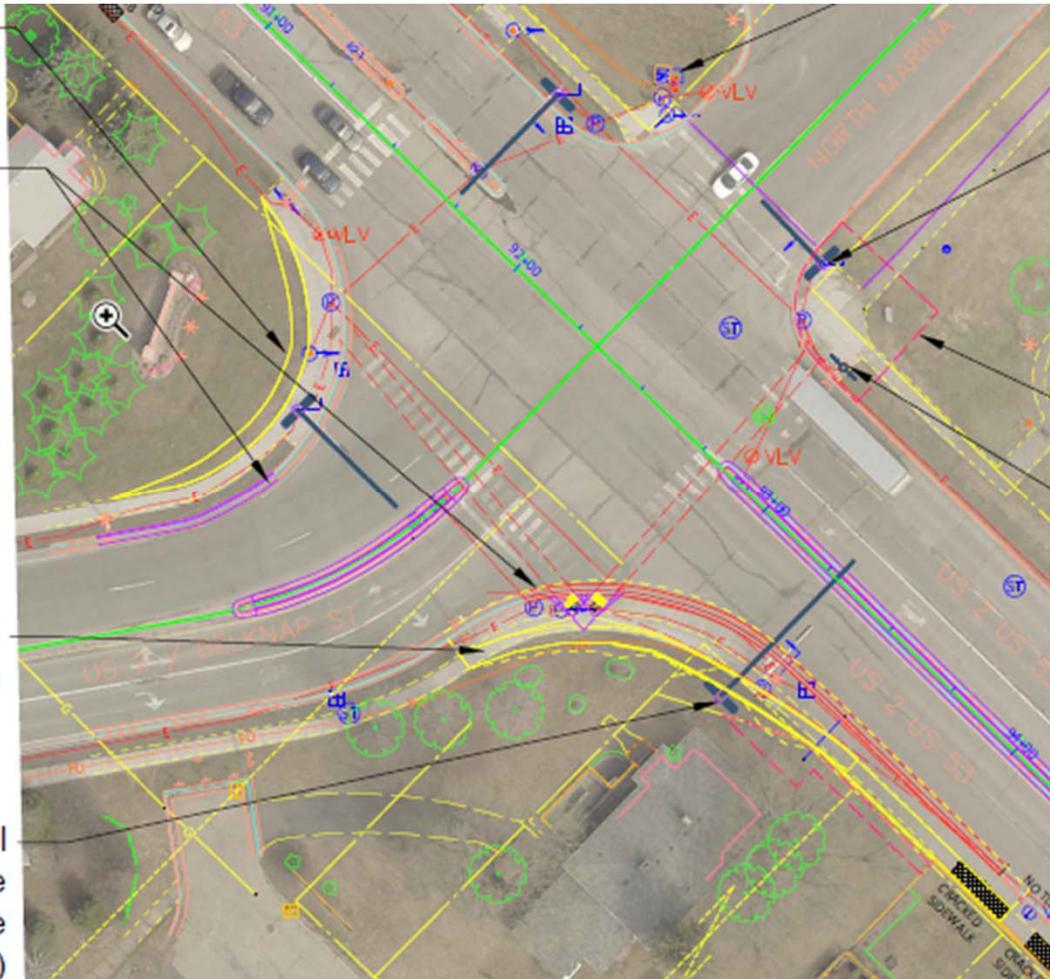
- ▶ Coarse grind of the pavement
- ▶ Asphalt overlay of the pavement



Shifted ADA walking path  
Mountable curb

Shifted ADA walking path

New signal monotube  
(approximate location)



## PROJECT DETAILS

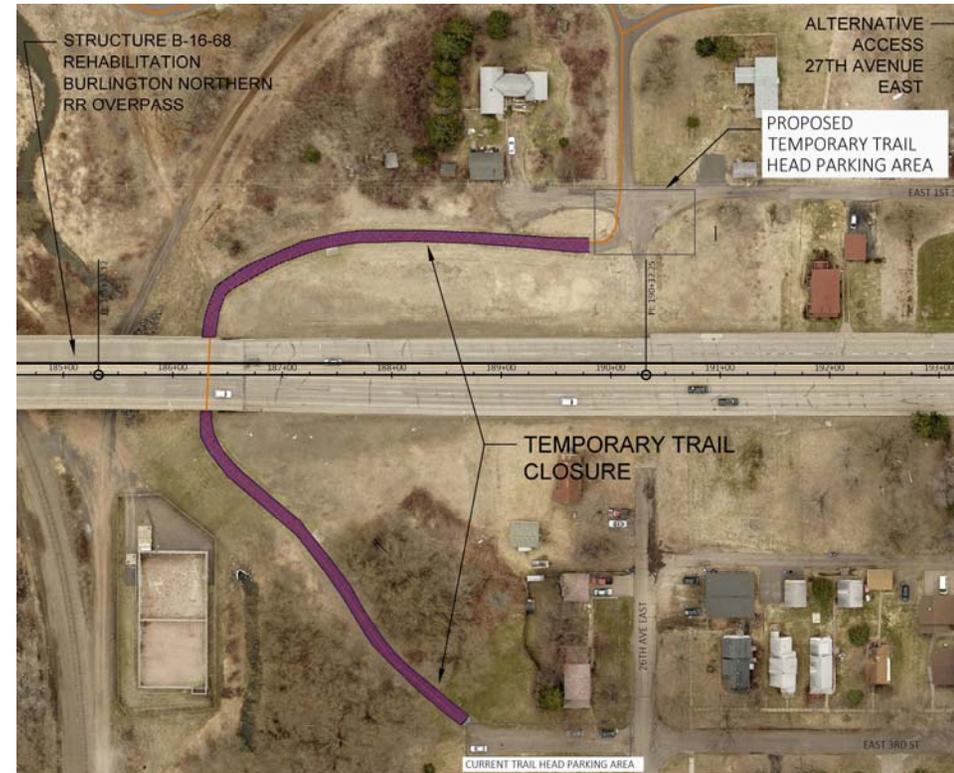
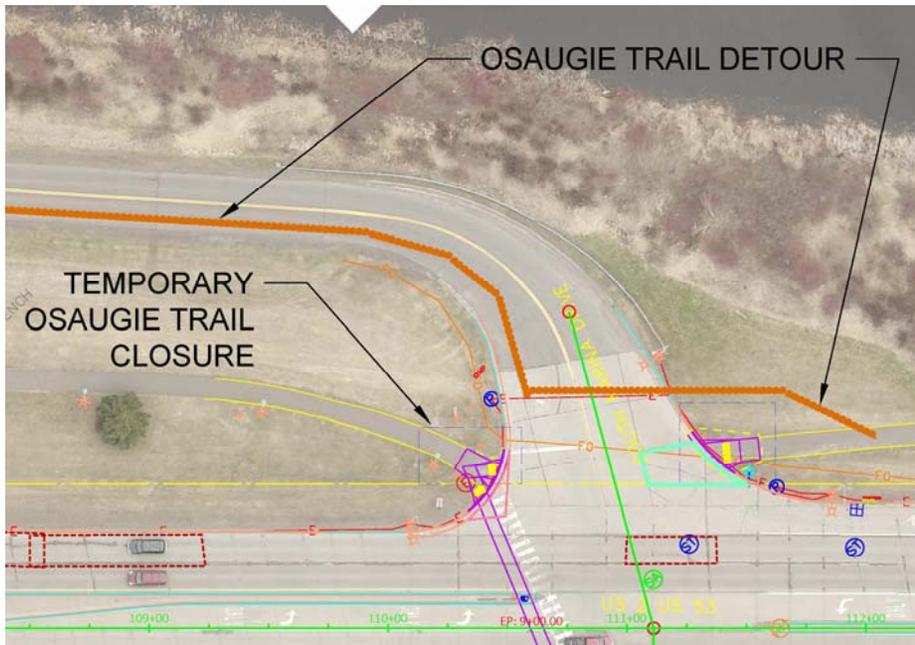
- ▶ Traffic signal replacements
- ▶ Freight Mitigation
- ▶ Sidewalk Curb ramps updated





# Temporary Impacts - 4(f)

South Marina Drive and East 2nd Street –  
Osaugie Trail



Bridge Structure at Newton  
Creek/RR Overhead



# Construction Traffic Staging

- ▶ Traffic is separated by raised medians in many locations, adding complexity to construction work.
- ▶ Freight vehicles require a lane width of at least 16 feet.
- ▶ Work on the travel lanes would occur with two-way traffic on one side of the median or the other



# Truck Detour Route / Vehicle Alternative Routes

- ▶ **Multiple routes** for a truck detour and an alternative route for vehicles are being considered and reviewed for options
- ▶ One original Truck Detour Route Vehicle Alternative Route was being considered on the parallel local side street, 5th Street.
- ▶ Rail Road crossing up-grades (lights and gates) expected on East 5<sup>th</sup> Street in 2019.

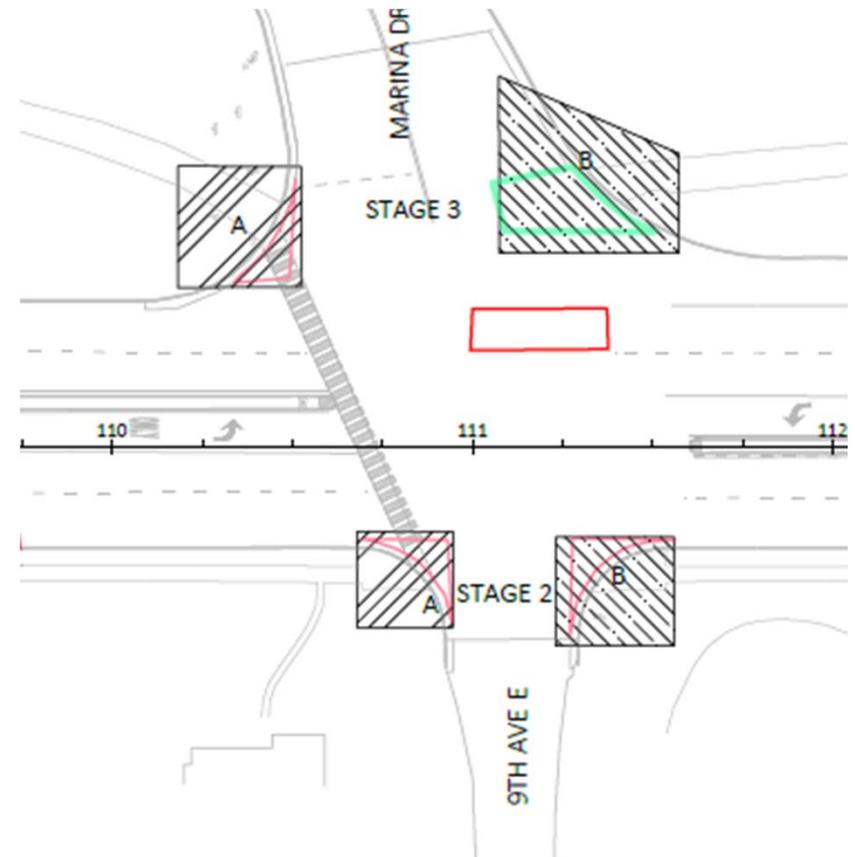


An **initial** Truck  
Detour Route  
and  
Vehicle  
Alternative Route



# Pedestrian and Bicycle Accommodations during Construction

- ▶ Sidewalks exist along both sides of US2/ US 53 for much of the corridor.
- ▶ Parallel City streets along the project provide multiple options for pedestrian and bike detours.
- ▶ ADA curb ramp updates will be done with the project and may close select locations of sidewalk based on staging within the project.



# Pedestrian and Bicycle Accommodations during Construction

- ▶ Connections to resources will be kept open as much as feasible during construction.

ONE CROSSWALK ACROSS US 2/US 53 MUST BE OPEN AT ALL TIMES AT THE INTERSECTIONS LISTED. "A" CURB RAMPS MUST NOT BE DONE CONCURRENTLY WITH "B" CURB RAMPS.

- 2ND AVE E
- USH 2/BELKNAP ST
- 9TH AVE E/MARINA DR
- 22ND AVE E
- 27TH AVE E

WHILE CURB RAMPS AT 21ST AVE E INTERSECTION ARE UNDER CONSTRUCTION, A PEDESTRIAN DETOUR TO 22ND AVE E MUST BE SIGNED.



# Emergency Services Impacts/Business Impacts

- ▶ Access to businesses and residences within the construction area will be maintained.
- ▶ Access may have temporary driveways and gravel surfaces.
- ▶ Access to most entrances would be temporarily right-turn in/ right-turn out for the staging of roadway construction.



# US 2 / 53 - East Second St - Resurfacing Project

For more information please visit:

<http://wisconsindot.gov/Pages/projects/by-region/nw/us2us53east2ndst/default.aspx>

