

MAIN AVE PUBLIC MEETING

CITY OF MOORHEAD
HJEMKOMST CENTER
NOVEMBER 20, 2014
5:30PM – 7:30PM

Agenda

- Introduction
- Project background
- Project goals
- Concept layout description
- Proposed improvements
- Project schedule
- Project funding
- Questions / project contacts

Main Ave Project Background

- Project limits: Main Avenue between 8th St and 19th St
- Extension of the CIMS project improvement
- Zoning:
 - Ranges from Community Commercial to Residential Low Density 3
- Roadway:
 - Original construction in 1954
 - Typical 3 to 5 inches of bituminous pavement atop 7 inch concrete pavement
 - Approximately 70 driveway access points within 1 mile project limit
 - Pavement distress analysis completed in 2012 indicated several pavement deficiencies

Main Ave Project Background

- Pedestrian Facilities:
 - Typical sidewalk is 4.5 feet wide ADA non compliant sidewalk
 - 8 foot wide bituminous shared use path between 16th and 19th Streets
- Street Lighting:
 - Typical 40 foot street lighting poles spaced at 130 feet
 - High pressure sodium luminaires
- Traffic Signals:
 - Located at 14th Street and Main Avenue
 - New signal at 11th Street and Main Avenue part of CIMS project
- Water Main:
 - Combination of cast iron and PVC

Main Ave Project Goals

- Provide 2 inch mill and bituminous overlay to correct pavement deficiencies
- Improve pedestrian environment through widening and reconstructing sidewalks and relocating street lights
- Streetscape features proposed for parking lot screening and aesthetic lighting proposed on Main Ave between 8th and 11th Streets – stamped / colored concrete where possible
- Where possible, reduce/consolidate driveway access to minimize conflicts and safety hazards
- Implement traffic signal modifications to improve traffic operations
- Replace cast iron water main
- Minimize construction impacts to local businesses
- Extend improvements proposed in the CIMS Project

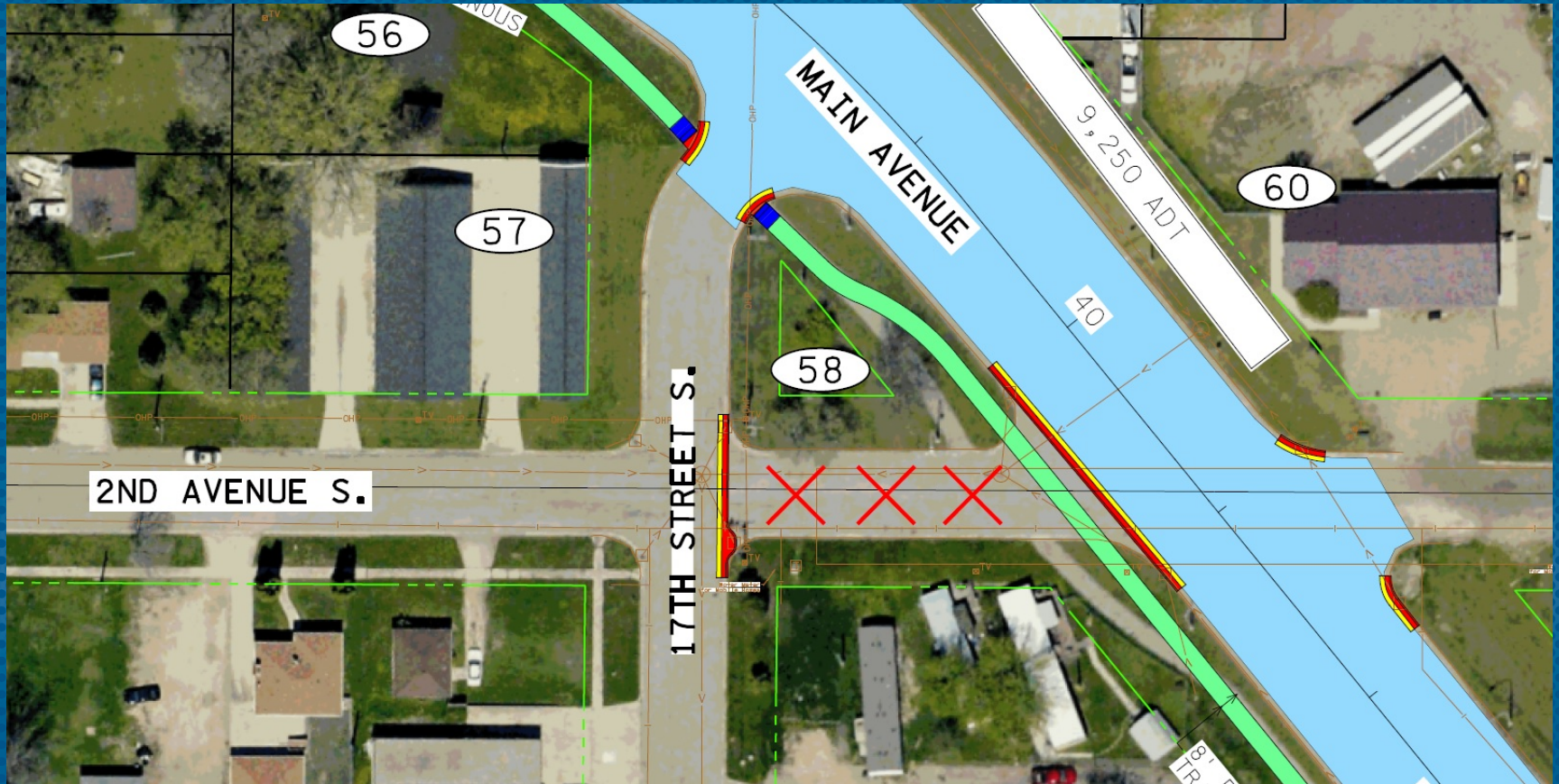
CIMS Project Background

- Corridor Investment Management Strategy (CIMS)
- MnDOT provided \$30 million through competitive solicitation in 2013 to fund TH projects that improve quality of life, environmental health and economic competitiveness
- Of 45 CIMS applications statewide, 10 projects selected for funding
 - Moorhead ranked 2nd (tied)
- \$3.4 million grant for TH 10 and 75

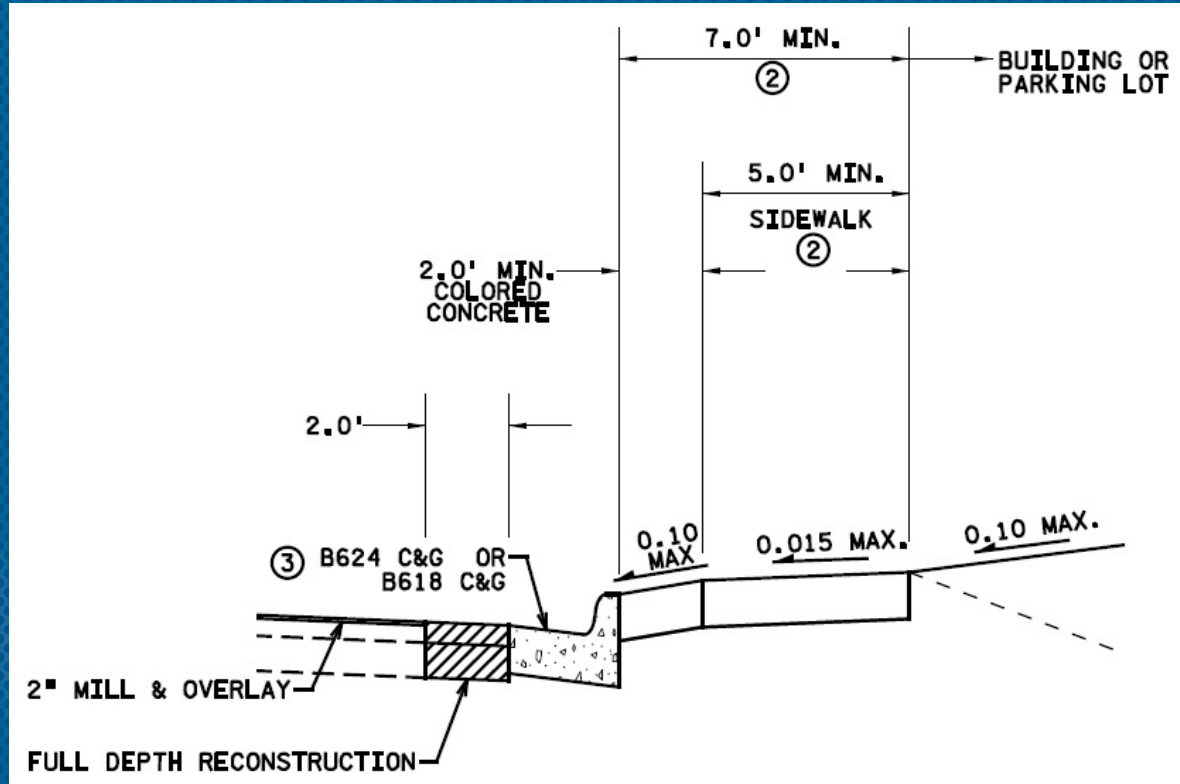
Main Ave Proposed Improvements

- New 2 inch bituminous roadway overlay
- Proposed 2nd Ave access closure to SE Main
- New sidewalk and driveway replacement to ADA standards
- Proposed architectural screening/fencing
- New 14th Street traffic signal
- LED retrofitted street lighting

2nd Avenue Access Closure



ADA Sidewalk



Typical Sidewalk Cross Section

Streetscaping

- Parking lot screening
- Stamped / colored concrete
- Pedestrian lighting



Traffic Signals

- Traffic Signal Design Modifications
 - Include flashing yellow arrow (FYA)
 - APS pushbutton
 - Pedestrian ramps
 - Truncated domes
 - Fiber interconnect to Main Ave and 11th St intersection



Street Lighting

- Existing Street Lighting Relocation
 - Combine luminaire with traffic signal
 - Relocate pole out of sidewalk location
 - Retrofit with LED luminaire



Decorative Lighting

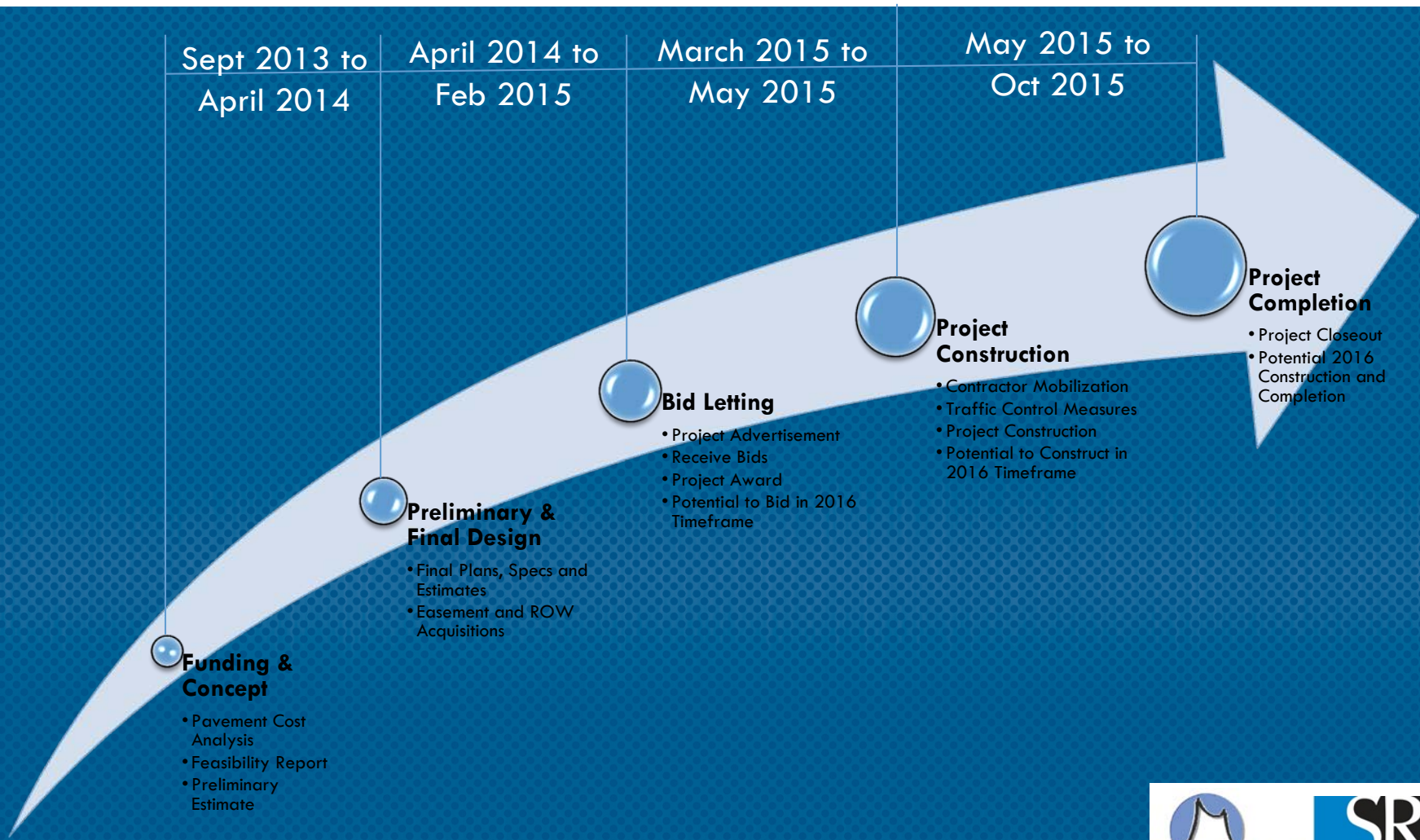
- Proposed Decorative Lighting
 - Potential for similar theme from 1st Avenue and Center Avenue
 - Proposed location only between 8th and 11th Streets



Proposed Driveway Closures

- Elimination/consolidation of driveway access to improve traffic flow and safety – owners contacted/being contacted to discuss
- Achieve balance between traffic operations/safety and access needed to support businesses
- Property owner input being solicited

Project Schedule



Project Funding

- Total Estimate Cost - \$2,725,000
- Funding Sources
 - State Aid
 - Local
 - City Special Assessment Policy (2014)
 - Primary Benefit Rate (abutting Main Ave):
 - \$21/front foot plus \$400/equivalent single family lot
 - Secondary Benefit Rate (not abutting Main Ave):
 - \$400/equivalent single family lot
 - City share (city-wide property taxes)

Questions / Project Contacts

City of Moorhead (218) 299-5390

- Bob Zimmerman (Moorhead City Engineer)
- Tom Trowbridge (Moorhead Asst. City Engineer)
- Matt Maslowski (Economic Development Director)
 - Liaison between businesses and City

SRF Consulting Group, Inc. (701) 237-0010

- John Green (SRF Consulting, Inc)