



# Project Updates



City Council Meeting  
February 24, 2014

*Your Destination...Our Priority*





# What's Been Accomplished

- Determined the river crossing will be kept at current location;
- Decided to proceed with two-lane river crossing;
- Determined bridge replacement rather than rehabilitation
- Decision on river structure type





# River Crossing: Rehab vs Replace

## Rehabilitation

- Major construction impacts, (2 years of single lane traffic)
- Remains fracture critical
- No sidewalk or trail
- 40 year design life
- Construction cost: \$67.3 million
- Life-cycle costs: \$73.6 million

## Replacement

- Minor construction impacts, (2 lanes maintained)
- Structurally redundant
- Provides separated 10 foot trail
- 100 year design life
- Construction cost: \$82 million
- Life-cycle costs: \$58.6 million





# River Crossing Bridge Type Evaluation





# Tied Arch



- Shallow structure depth
- Highest maintenance costs
- High visual impact
- Highest construction cost





# Steel Box Girder



- Minor profile impacts
- Low maintenance costs
- Opens up view of river valley and bluff
- Low construction cost (~\$20 million less than tied arch)





# Segmental Concrete Box Girder



- Greatest structure depth & profile increase
- Lowest maintenance costs
- Opens up view of river valley, but deeper structure
- Low construction cost (similar to steel box girder)





# Recommended Alternate: Steel Box Girder



# Visual Quality Process

- Visual Quality Committee
- Public input
- ~9 month process
- Contemporary vs Classic
- Entire project, not just bridge

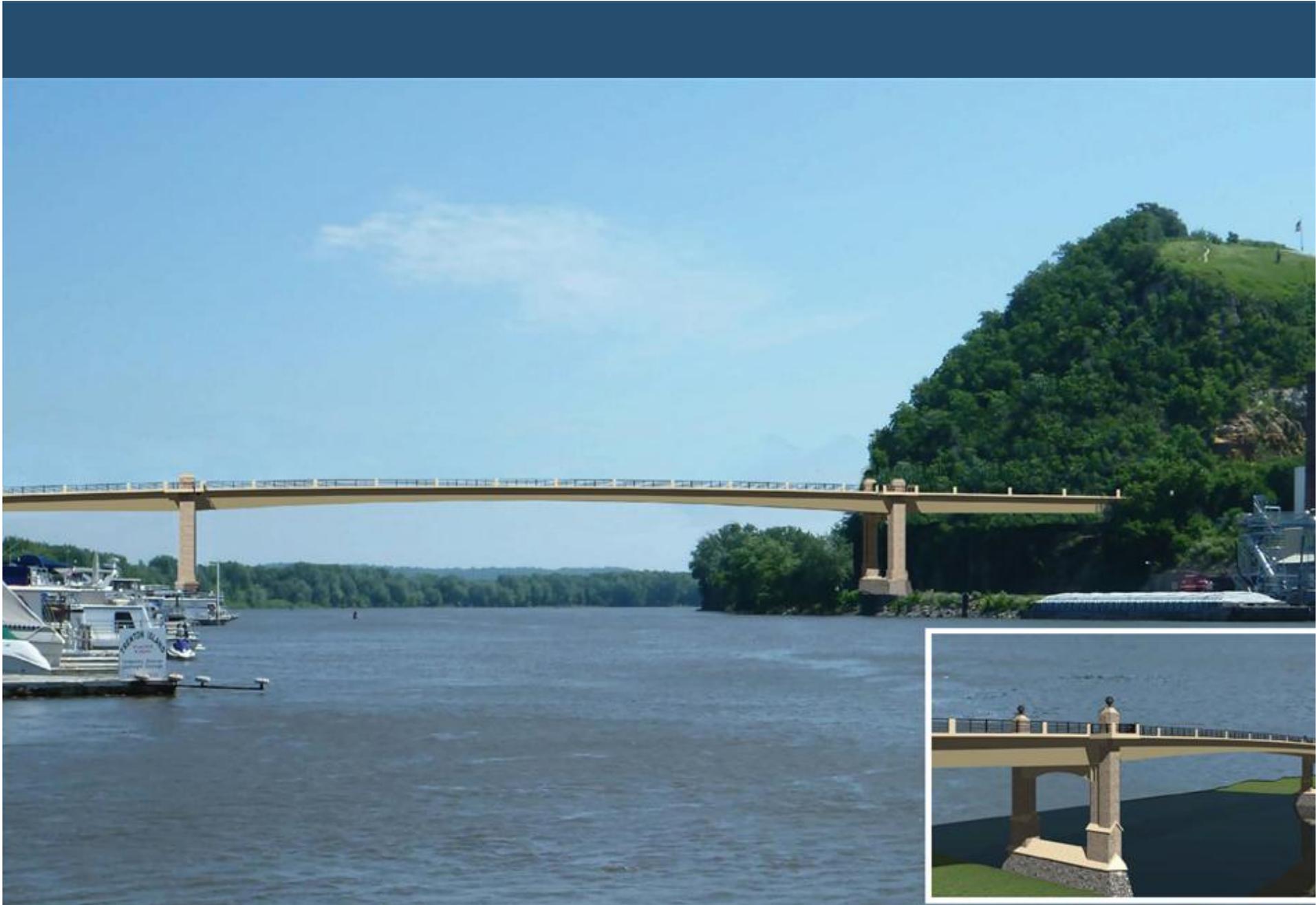


photo by Padriac Ryan

# Bridge Aesthetics









# Contemporary Girder Bridge





# Environmental Assessment (EA)

- Considers full range of social, economic and natural environmental issues;
- Concludes with identification of preferred alternative to advance to detailed design and construction;
- Construction beginning in 2018



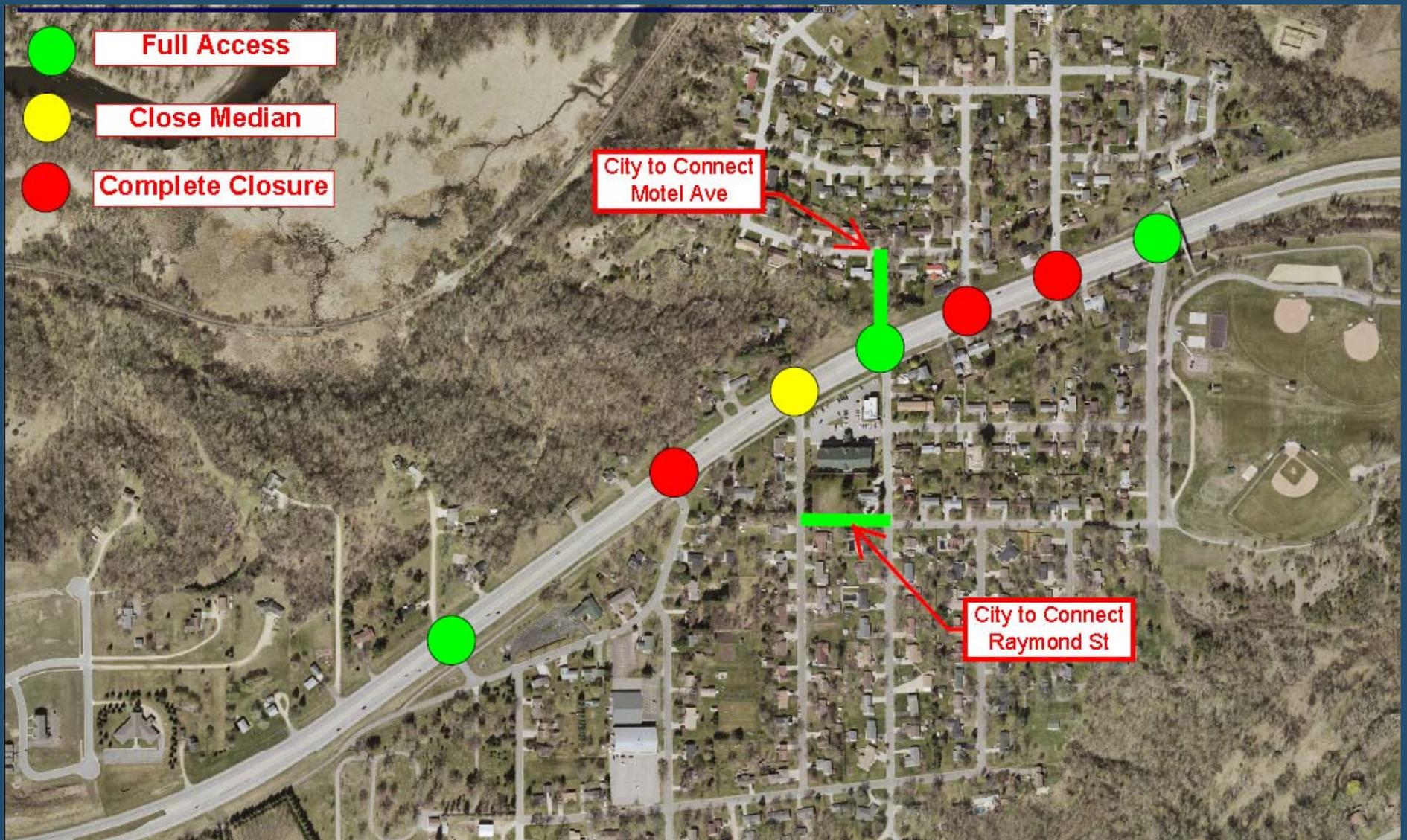


# Highway 61 Mill & Overlay

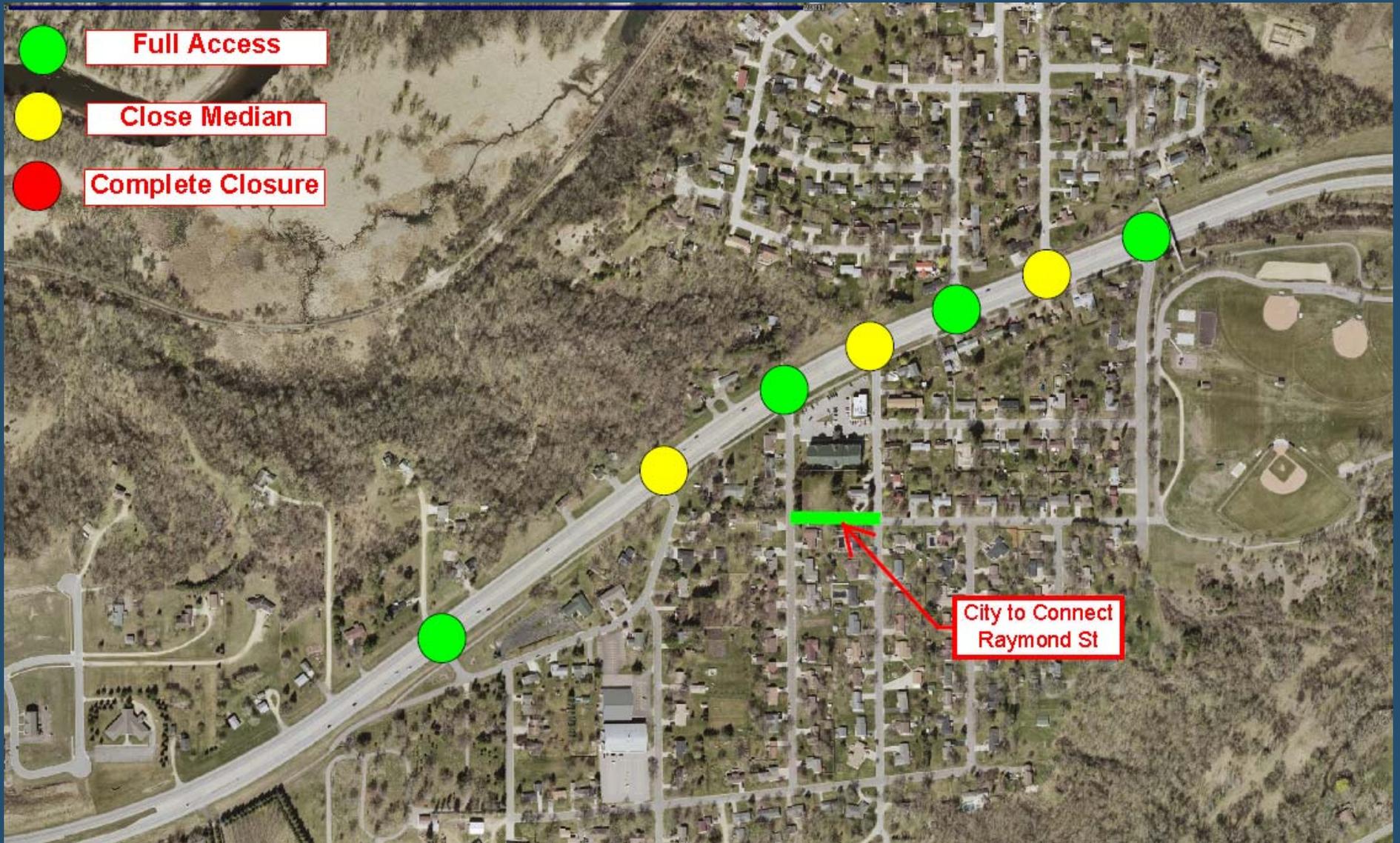
- 2015 Construction Project
- Ready-mix plant to Highway 19
- Excludes Potter Street to Old West Main Street
- 2004 Access Management Plan items
- Safety opportunities (short turn lanes & close intersections)



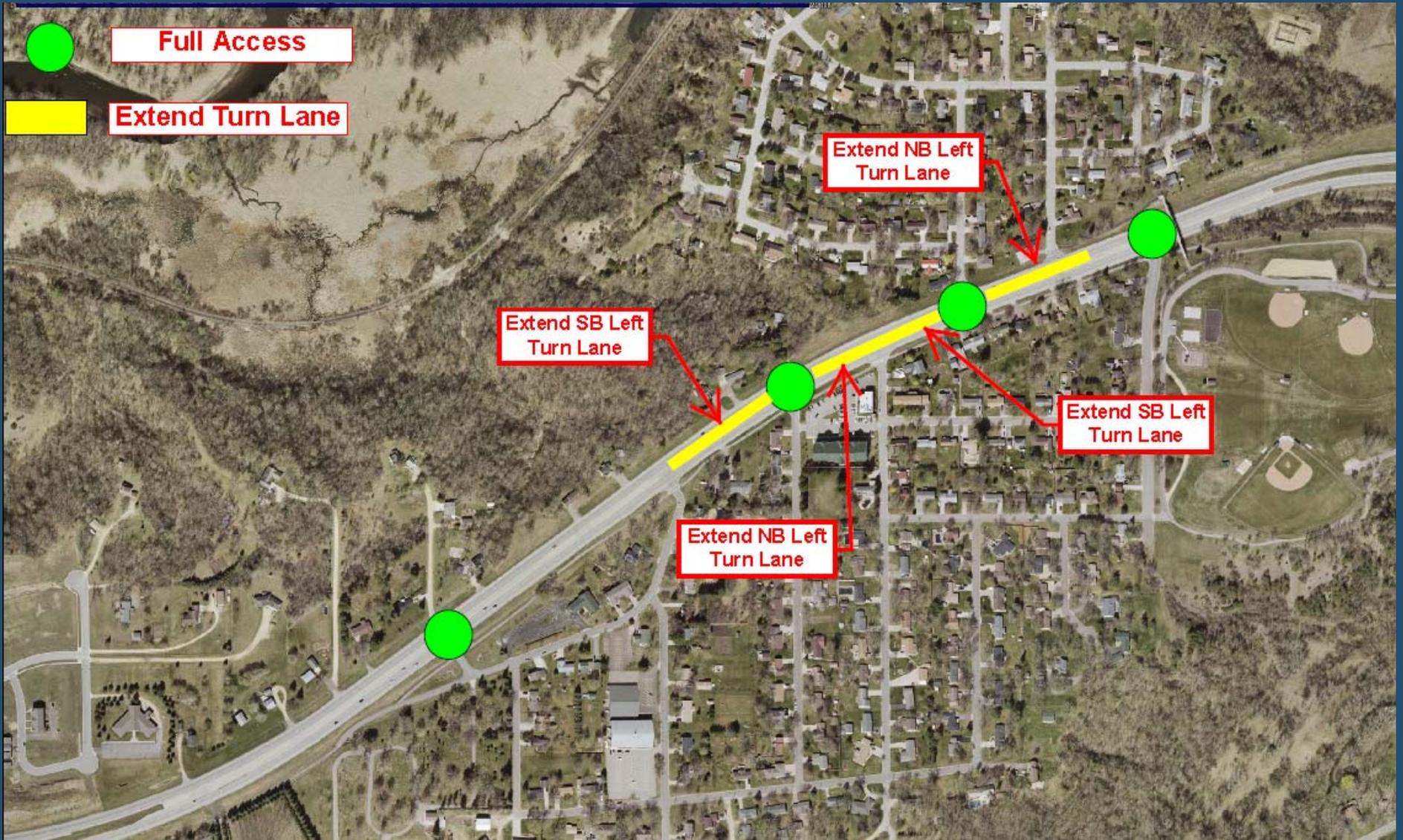
# 2004 Access Management Plan



# 2015 Proposed Plan



# 2015 Proposed Plan





# Questions / Comments



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