



## Hwy 1/169 Eagles Nest Project Update Meeting

April 26, 2016

### Project Schedule

- Tree clearing contract – Let in December 2015. Wagner Construction – \$220,000
- Letting date change (grading project) – August 2016
- Construction start date anticipated – October 10, 2016

### Environmental Process

- The Federal Highway Administration issued the “Finding of No Significant Impact” for Alternative 3A on November 3, 2015
  - This finding concludes that the project will not significantly impact the human environment

### Agency Coordination Efforts

- Technical Working Group (TWG) – MnDNR, MPCA, MnDOT, MDH, FHWA, EPA and a citizen representative
- Environmental Advisory Team (Management) – MnDNR, MPCA, MnDOT, MDH, FHWA, EPA and the US Army Corps of Engineers

### Right-of-Way Process

- 33 affected parcels
- Currently own 30 parcels (Two in condemnation and one in negotiation)

### Rock Characterization

- MnDOT committed to performing additional field work in the EA
- MnDNR provided guidance on drilling program – included 182 bore holes
  - Bore hole locations based on estimated rock volume, length of rock cut and geology
- Idea Drilling began work in September 2015 and completed in December 2015
- A total of 765 samples were collected and analyzed for sulfur and other elements
- As part of the rock drilling work MnDOT was able to modify rock excavation quantities. Original estimate was 227,000 CY and this has been reduced to 150,000 CY (35 percent reduction)
- Use of data for development of Sulfide Mitigation Plan



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## Rock Mitigation

- Golder Associates (Consultant to MnDOT) is currently preparing
  - Volume of rock found to have higher sulfides is lower than estimated
  - Mitigation measures proposed include:
    - ◆ Mixing limestone with rock – Similar methods that the MnDNR used at Vermillion State Park
    - ◆ Use of limestone lined ditches (adjacent to rock cuts)
- MnDOT and Golder Associates are preparing the mitigation plan for submittal to the TWG – Anticipated completion mid-May 2016

## Permitting

- MnDOT received Public Water Permit from MnDNR for Armstrong River Crossing
- U.S. Army Corps of Engineers (Wetland Permit) – Permit was submitted and 30-day Public Comment Period ended 4/25/2016

## Construction Schedule (Preliminary)

- Spring/Summer 2016
  - Utility relocations along corridor include MnPower, Frontier, Lake Country Power and NESC
- Fall 2016
  - Start Construction Activities – October 2016
  - Tree clearing, Culvert Replacement, 2017 Bypass Construction
- Winter/Spring 2016
  - Rock Excavation and Earthwork on West ½ of Realignment
- 2017 Construction Activities
  - All remaining work items
  - Potential for final paving to be performed in Summer of 2018 depending on schedule and weather in Fall of 2017
- Detours – no need for detour anticipated at this time. Not included in construction plan

For more information: <http://www.dot.state.mn.us/d1/projects/Hwy169eagles/index.html>

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