



Highway 1/169 Improvements Six Mile Lake Road to Bradach Road “Eagles Nest”



July 15, 2014
Project Update Meeting
Eagles Nest Town Hall





Why are we here TODAY?

- Project Update
 - Report on Progress since May 2014
 - Alternative Analysis
- Discuss Project Schedule



Today's Meeting Guidelines

- Short Presentation ~ 15 min
- Questions/Comments
 - 3 Minute Limit per person





Project Update

- Project Meetings (Since May 2014)
 - Bois Forte Band of Chippewa –
 - Provide Project Update - 3 Alternatives
 - FHWA and Corp of Engineers –
 - Discuss Project Alternatives - Update
 - Mix and Match East and West Segments



Build Alternatives

- Middle Route (Constructed Under Traffic)-**PINK**
- Existing Route (Constructed Under Detour)-**BLUE**
- South Route - **ORANGE**
- Hybrid Alternatives





Alternatives

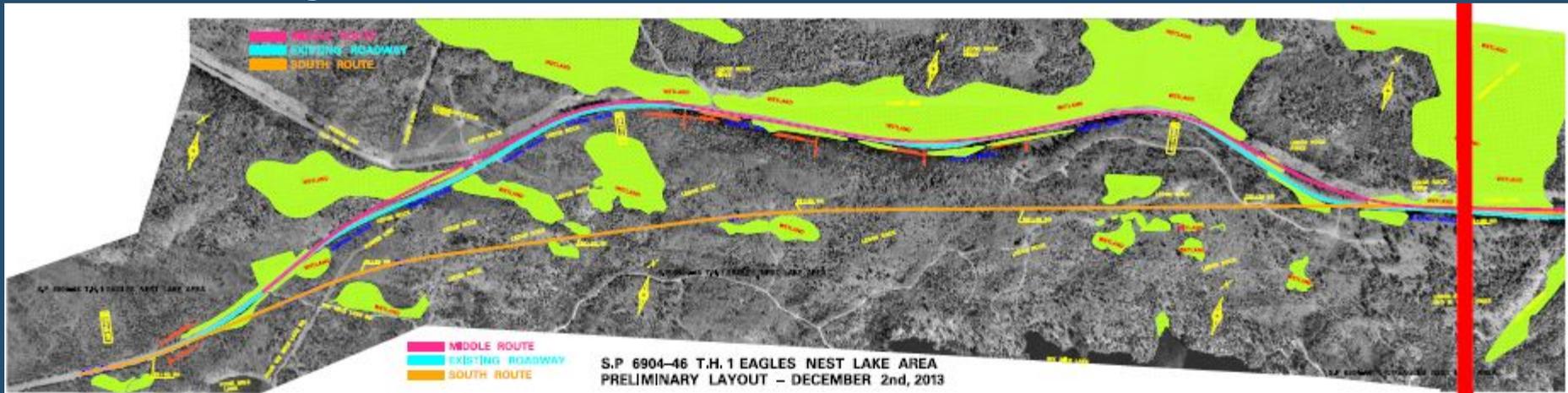
Impacts	No Build	Existing Route w/Detour	Middle Route w/ Traffic	South Route
Project Funds (HPP)	\$15.3M (Fed.) + \$3.9M (State) = \$19.2M			
Construction/ROW Cost (1) Estimate	\$0	\$18.5 Million	\$17.3 Million	\$21.6 Million
Wetland Impacts	0 Acres	6.6 Acres	13.3 Acres	17.3 Acres
Rock Exc. (Vol.)	None	126,000 CY	69,000 CY	266,000 CY
Detour Impacts	None (2)	Yes	None (2)	None (2)
Shoulder Widths	3' paved / 1' grvl	6' paved/2' grvl	6' paved/2' grvl	6' paved/2' grvl

(1) 2016 Dollars

(2) Potential Detour Impacts – Based on Final Design and Staging



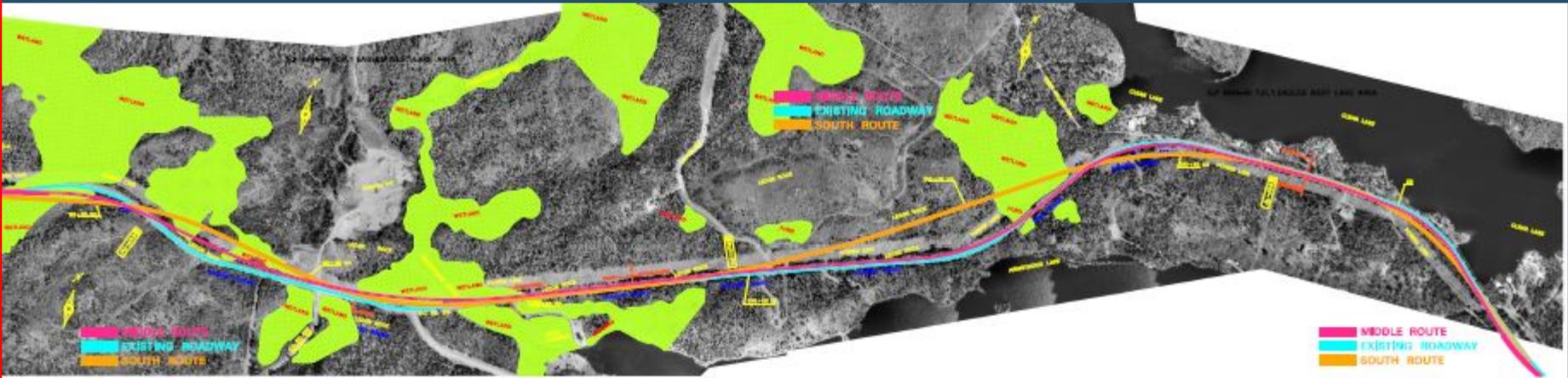
West Segment



Impacts	Existing Route w/Detour	Middle Route w/ Traffic	South Route
Passing Opportunities (total both directions)	1.04 Miles	1.2 Miles	3.2 Miles
Wetland Impacts	3.8 Acres	6.1 Acres	3.8 Acres
Rock Exc. (Vol.)	11,000 CY	38,000 CY	132,000 CY
Detour Impacts	Yes	No	No



East Segment



Impacts	Existing Route w/Detour	Middle Route w/ Traffic	South Route
Passing Opportunities (total both directions)	1.02 Miles	1.2 Miles	1.7 Miles
Wetland Impacts	2.8 Acres	7.2 Acres	13.5 Acres
Rock Exc. (Vol.)	116,000 CY	31,000 CY	135,000 CY
Detour Impacts	Yes	No	No





Hybrid Alternatives

	2A Hybrid		3A Hybrid	
Impacts	West	East	West	East
Project Funds (HPP)	\$15.3M (Fed.) + \$3.9M (State) = \$19.2M			
Construction/ROW Cost (1) Estimate	\$20.0 Million		\$19.5 Million	
Wetland Impacts	6.5 Acres		10.9 Acres	
Rock Exc. (Vol.)	248,000 CY		163,000 CY	
Detour Impacts	Yes – East Segment		None (2)	
Shoulder Widths	6' paved/2' grvl		6' paved/2' grvl	

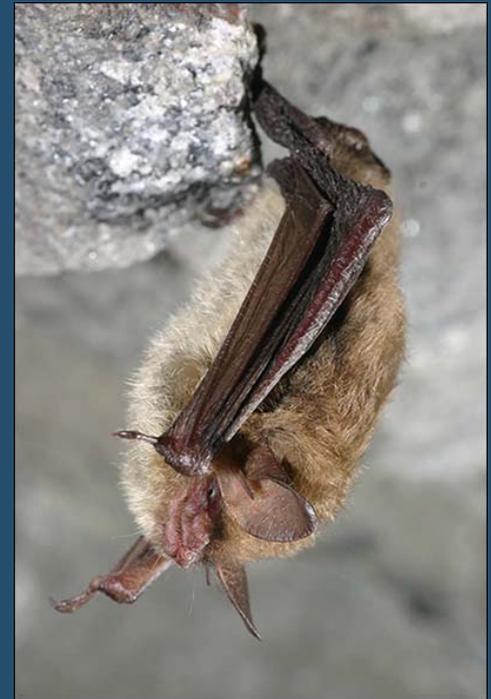
(1) 2016 Dollars

(2) Potential Detour Impacts – Based on Final Design and Staging



Other Project Issues

- Northern Long-Eared Bat
 - Affecting 39 States
 - Projects involving Tree Clearing
 - Proposed as an Endangered Species by USFWS
 - Likely not “listed” until April/May 2015
 - May Require Winter Tree Clearing





Project Schedule - Steps For Completion



- Complete Environmental Documentation
 - Purpose and Need – Final Review completed
 - Environmental Assessment to FHWA and Cooperating Agencies- July 2014
 - Public Comment Period – October 2014
 - Alignment Selection – December 2014
- ROW Acquisition Complete – December 2016
- Permitting - December 2016
- Final Plans – Fall 2016
- Construction 2017





Opportunities to Expedite Construction



- Design Build Method of Construction
 - Corp of Engineers Permit
- Innovative ways to streamline ROW Acquisition process
 - Access for Tree Clearing





QUESTIONS / COMMENTS?



- 3 Minute Limit per person

