



MEMORANDUM

**Highway
Department**

Jason Benson, P.E.
County Engineer

Thomas B. Soucy, P.E.
Deputy County Engineer

Blaine Laaveg
Superintendent

TO: Cass County Commission

FROM: Jason Benson, Cass County Engineer *FOR: Tom Soucy*

DATE: March 30, 2020

SUBJECT: Agenda Item for April 6, 2020 Commission Meeting:
Wheatland Safety Improvement Project – Home Purchase

This item was originally on the March 16th Road Advisory meeting that was canceled. Therefore, in order to keep this project moving forward we are seeking the commission's approval to purchase, demo, and other miscellaneous items needed for approximately \$75K. This expenditure would come out of the Highway Department's "Right of Way" budget line item which was budgeted for \$475,000 for 2020.

The purchase of this house will secure approximately a \$1.3 Million-dollar Federal Safety Grant awarded to Cass County for safety improvements to Cass Highway 5 & 10. The total cost of this project is estimated at \$3.6 Million. The house is very close to Highway 5. The Highway 5 widening and new alignment cannot be designed to safely allow ditch slopes to fit with the home in place. Wetland mitigation acres are also needed for this project. The area northeast of this home in the Highway 10 ditch is an ideal location to create these wetland acres. This option is preferable rather than incurring the purchase of wetland acres from a wetland bank which could cost up to \$30,000-\$50,000 per acre.

This project has been delayed for a fall NDDOT bid letting and construction scheduled in the summer of 2021.

See the Road Advisory slide attachments for more details.

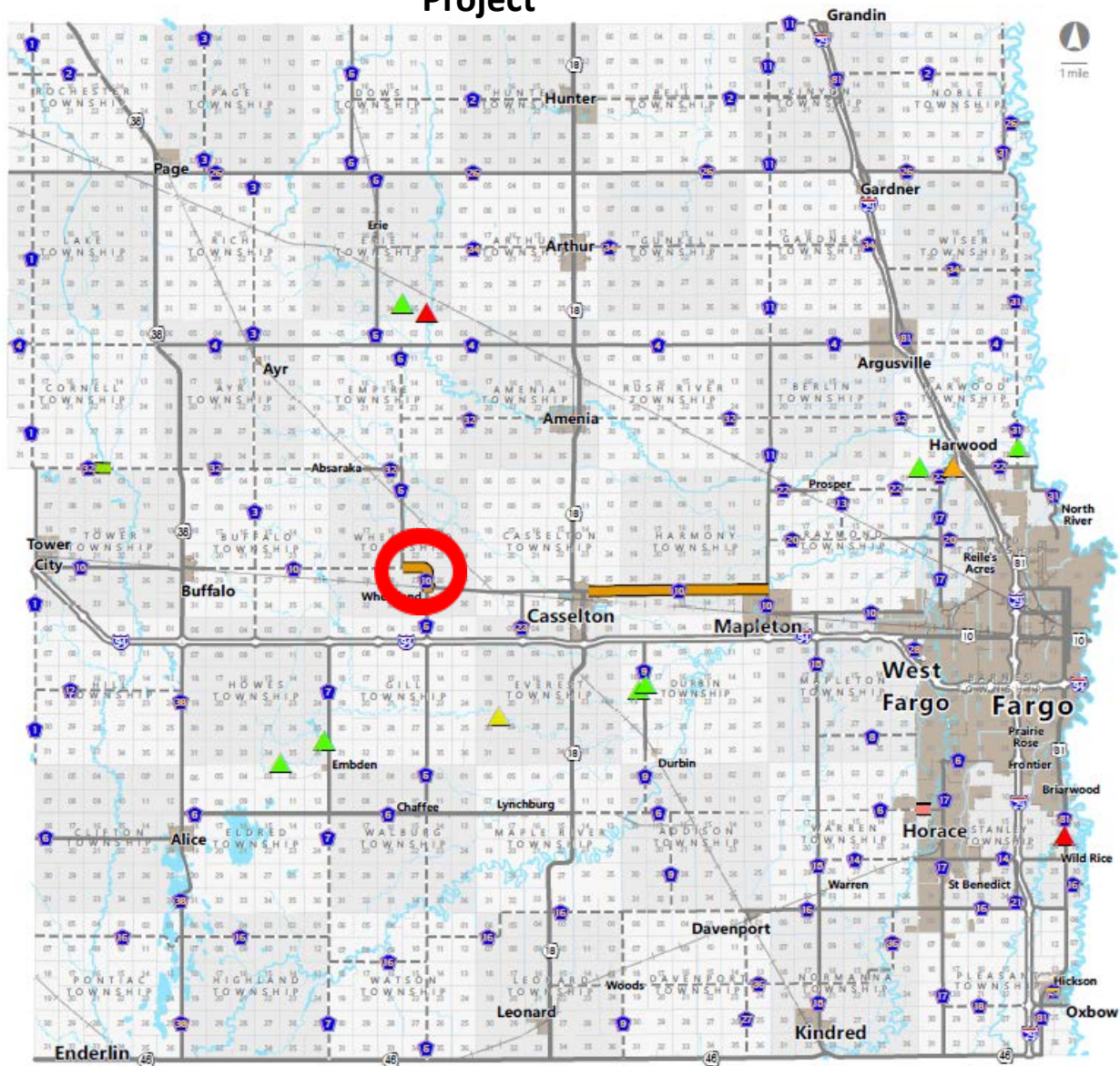
SUGGESTED MOTION: Authorize the County Engineer to proceed with the house purchase for the Wheatland Safety Project.

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West Fargo, North Dakota
58078-1301

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Wheatland – Safety Improvement Project

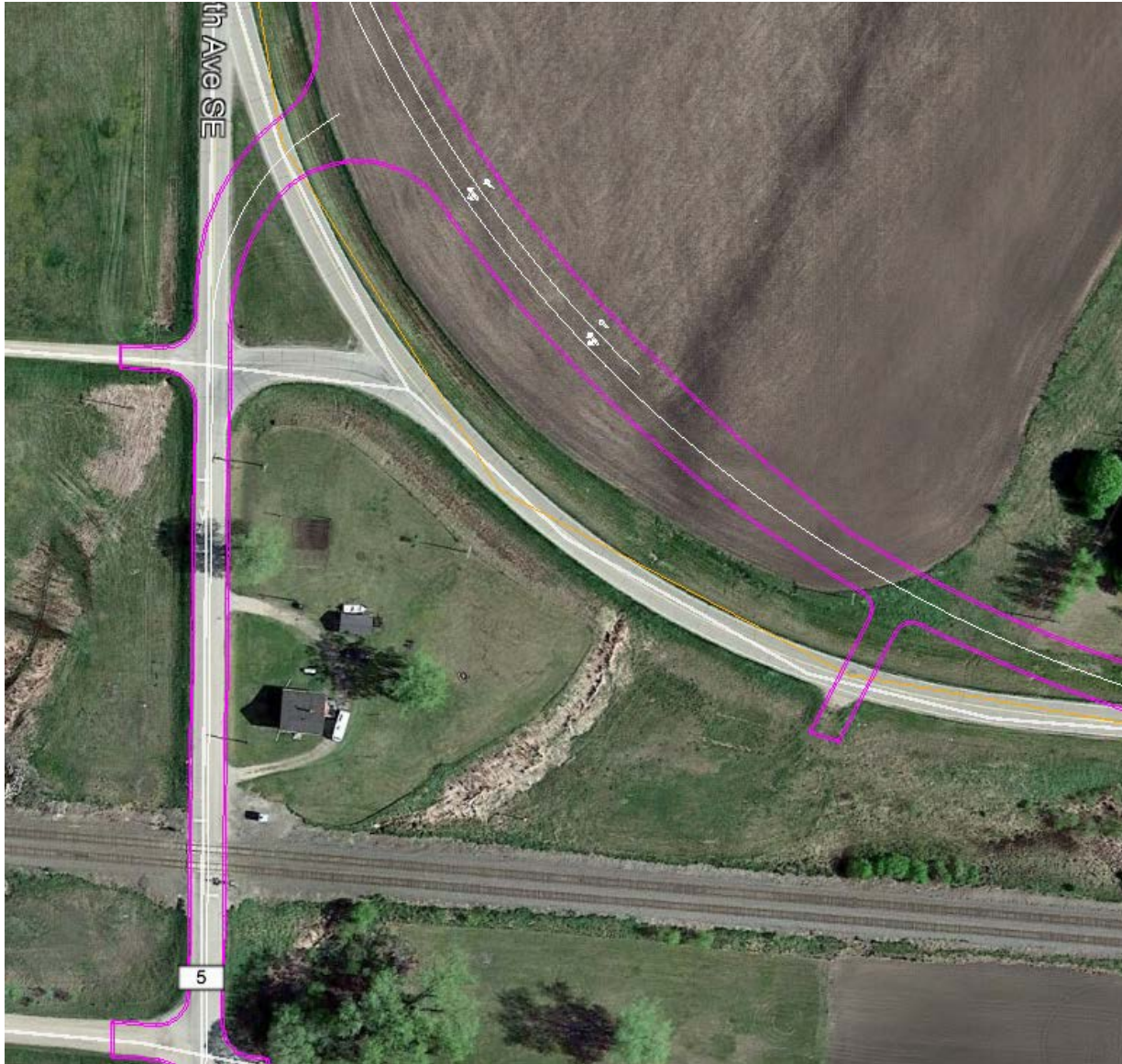


- C5 & C10 Radial Tee – Grading & Paving
 - Safety Improvements
 - HSIP Grant \$1.3 M
 - Total Est. Cost \$3.6 M
 - Final Est. Cost \$2.3 M
 - ROW & Drainage Issues
 - Fall NDDOT bid Letting
 - Construct in 2021
 - House Buyout
 - \$75K
 - Wetland Mitigation Acres

- ▲ Deck Rehabilitation
- ▲ Deck Replacement
- ▲ Structure Replacement
- ▲ Structure Removal
- Bituminous Surfacing
- Ditch Grading
- Grading & Bituminous Surfacing



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 - \$55K Plus Demo
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