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MEMORANDUM

CASS COUNTY COMMISSION

**Highway
Department**

Jason Benson, P.E.
County Engineer

Richard S. Sieg
Superintendent

Thomas B. Soucy, P.E.
Design and Construction
Engineer

TO: Cass County Road Advisory Committee

FROM: Jason Benson, Cass County Engineer 

DATE: March 6, 2015

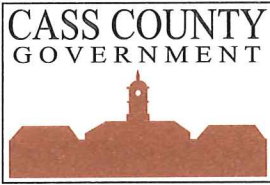
SUBJECT: Road Advisory Committee Meeting
March 16, 2015 2:00 p.m.

A Road Advisory Committee meeting has been scheduled for Monday, March 16, 2015 at 2:00 pm in the Cass County Commission Room. The agenda is as follows:

2:00 – 2:05	Introduction and Recognition of Outstanding Highway Employees	Information
2:05 – 2:15	Update on and Approval of 2015 Construction Projects	Information/Action
2:15 – 2:45	Right of Way Encroachment Along County Highways	Information/Action
2:45 – 2:55	Update on current Transportation Studies, Legislative Funding and Metro Area Projects	Information
2:55 – 3:00	Other Business	
3:00	Adjourn	

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TO: Cass County Road Advisory Committee
FROM: Jason Benson, Cass County Engineer *MS*
DATE: March 6, 2015
SUBJECT: Road Advisory Committee Meeting, March 16, 2015
Background Information

2015 Recommended Highway and Bridge Projects. This document is broken down by type of project (paving, grading, and bridge) and then further broken down by funding based on whether it was originally in the 2015 Budget or a new recommended project as proposed at the July 2014 Road Advisory:

Bituminous Overlay Projects:

Budgeted Projects for 2015:

Cass 4 from Cass 3 to Cass 5N. (5.0 miles, \$1,900,000. \$900,000 Federal funding, \$1,000,000 local funding.) This section of Cass 4 will have a 2.5 inch maintenance overlay. It was last overlaid in 1998.

Cass 3 from Ayr to Cass 4. (0.5 miles, \$100,000. All local funding.) This section of Cass 3 will have a 2.5 inch maintenance overlay. It was last overlaid in 1998.

Cass 5 from Cass 4 to Cass 34. (4.0 miles, \$700,000. All local funding.) This section of Cass 4 will have a 2.5 inch maintenance overlay. It was last overlaid in 1998.

Cass 6 from Cass 38 to Cass 5. (10.0 miles, \$3,200,000. All local funding.) This section of Cass 6 will have a 2.5 inch maintenance overlay. It was last overlaid in 1997.

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Additional Projects with State Surge Funding as Proposed at the July 2014 Road Advisory Meeting:

Cass 1 from Tower City to Cass 32. (4.0 miles, \$800,000. All local funding.) This section of Cass 1 will have a 2.5 inch maintenance overlay. It was last overlaid in 1994.

Cass 10 from Wheatland to ND 18. (6.0 miles, \$3,200,000. All local funding.) This section of Cass 10 is a 1974 concrete surface. It will have a crack and seat with 4.0 inch overlay. This project will also coincide with the intersection improvements at ND 18 in Casselton which is a separate NDDOT designed and funded project.

Cass 11 from Mapleton to I-94. (0.5 miles, \$200,000. All local funding.) This section of Cass 1 will have a 2.5 inch maintenance overlay. It was last overlaid in 2002.

Cass 7 from Wheatland to ND 18. (7.0 miles, \$1,400,000. All local funding.) This section of Cass 1 will have a 2.5 inch maintenance overlay. It was last overlaid in 1993.

Subgrade Repair and Reshaping Projects:

Cass 32 from ND18 to Cass 11. (7.75 miles, \$1,200,000. All local funding.) Sections of this road will be targeted for subgrade repair and reshaping.

Bridge Projects:

Budgeted Projects for 2015:

10 Durbin – Township Bridge on Maple River. This is a township bridge with a Code 3 alert, with a posted limit of 8 tons and a rating of 39. The total length is 149 feet and was built in 1958. Replacing the structure. Estimated cost is \$1,350,000, \$1,080,000 Federal funding, and \$270,000 local funding.

Additional Projects with State Surge Funding as Proposed at the July 2014 Road Advisory Meeting:

15/16 Hill – Township Road on the Maple River Tributary. This is a township bridge with a 37 rating and a Code 3 alert with significant deficiencies. This bridge will be removed. This bridge has been closed or over 5 years. It is 23 feet long and was built in 1950. Estimated cost is \$25,000.

36 Buffalo/31 Wheatland Townships - Tributary of Buffalo Creek. This is a township bridge with a 39 rating. This bridge will be replaced with a box culvert. It is 27 feet long and was built in 1950. Estimated cost is \$275,000.

C10 - 27/34 Casselton Township - Swan Creek. This is a County bridge with a 24 foot width and will be replaced with a concrete box culvert. This project will facilitate the improvements on Cass 10 from Wheatland to Casselton. It has a current length of 61 feet long and was built in 1950. Estimated cost is \$600,000, however the project costs will be rolled into the overall Cass 10 paving project.

19/20 Gill Township - Tributary of Buffalo Creek. This is a township bridge with a 39 rating. This bridge will be replaced with a box culvert. It is 40 feet long and was built in 1956. Estimated cost is \$350,000.

24/25 Howes Township - Tributary of Buffalo Creek. This is a township bridge with a 44 rating. This bridge will be replaced with a box culvert. It is 32 feet long and was built in 1957. Estimated cost is \$300,000.

Highway Projects Removed from 2015 Construction Plan:

Originally Budgeted Projects for 2015 that will be moved to 2016:

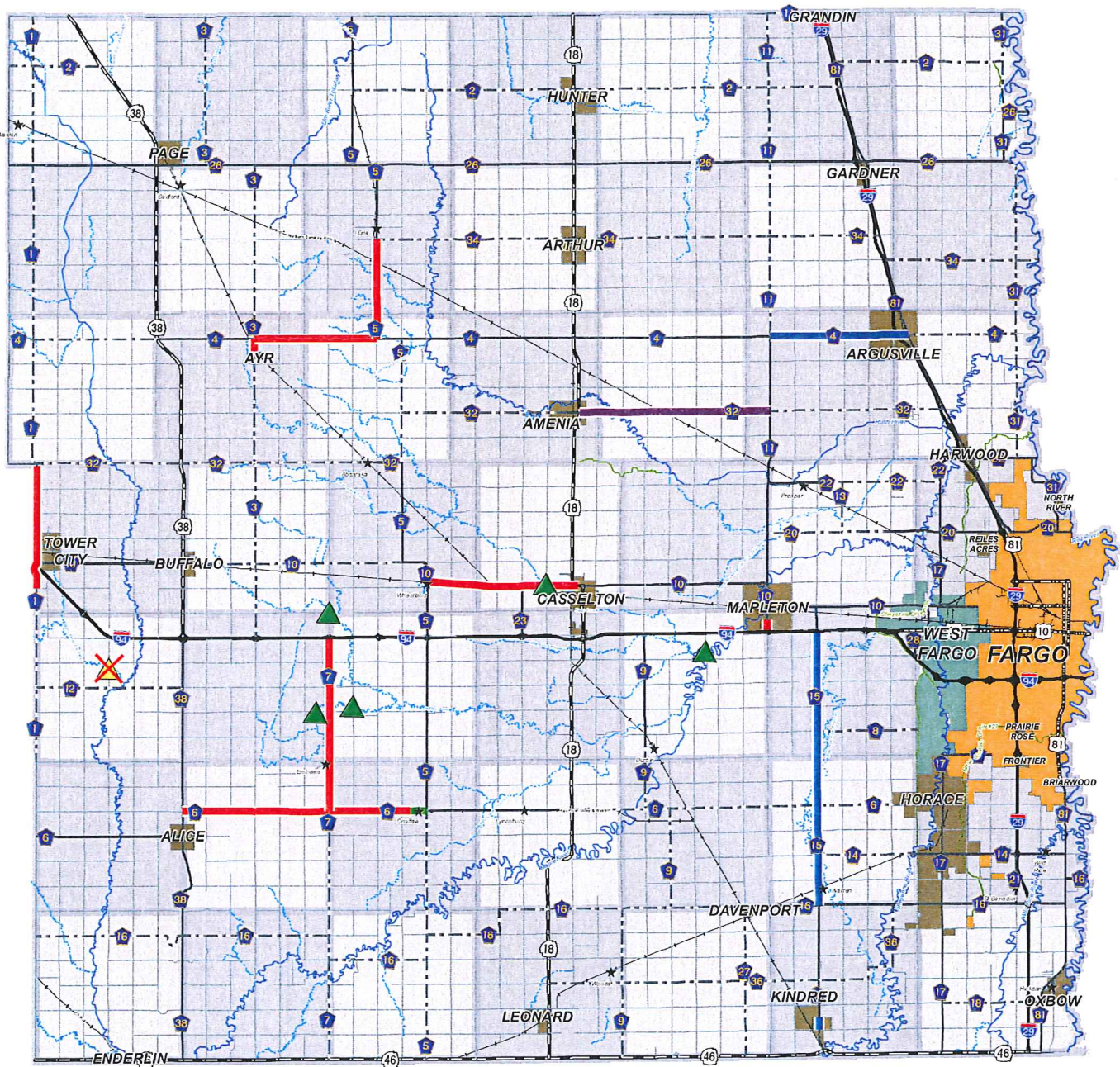
Cass 10 from Cass 19 to 45th St N. (2.6 miles, \$13,500,000. Funding sources include Federal Aid, City of Fargo, City of West Fargo, and Cass County. Cass County is responsible for \$1,000,000.) This section of Cass 10 will be reconstructed to a three lane, urban road section. This segment will be turned over to the Cities of Fargo and West Fargo upon completion.

Cass 19 from Drain 21 to Cass 10. (0.7 miles, \$700,000. All local funding.) This section of Cass 19 will have the north portion realigned further east of the Sheyenne Diversion to align with the West Fargo Public Works facility road. It will also include improvements on the Drain 21 structure. This segment will be turned over to the City of West Fargo upon completion.

Both projects above will be moved to 2016 due to issues with Federal Funding in 2015. Costs show above were the estimated project costs back in spring 2014. Final cost estimates as of January 2015 show the Cass 10 project to be over \$18 million. Therefore our Cass County cost share will most likely increase to between \$1.5 and \$1.8 million.

Cass County Highway Department

Planned 2015 Construction Projects



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Richard Sieg
Highway Superintendent

Prepared by
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February 2015



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Projects

- Bituminous Overlay
- Chip Seal
- Grading & Bituminous Surfacing
- Sub-Grade Repair
- ▲ Structure Replacement
- ✕ Structure Removal

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