



US Army Corps
of Engineers®

PUBLIC NOTICE

St. Paul District
Permit Application
No. 2024-00902-MMP

Published: May 13, 2026
Expires: May 28, 2026

Interested parties are hereby notified that the U.S. Army Corps of Engineers (USACE), St. Paul District has received an application for a Department of the Army (DA) permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. § 1344). The purpose of this public notice is to solicit comments from the public and information necessary to evaluate the probable impact on the public interest regarding the proposed activity as described below and as shown on the enclosed drawings.

APPLICANT: Rachel Miller
Minnesota Department of Transportation (MnDOT)
3920 Highway 2 West
Bemidji, Minnesota 56601

LOCATION OF PROPOSED ACTIVITY: The proposed activity would affect waters of the United States associated with Garfield Lake, Little Horseshoe Lake, and Kabekona Bay. The project area is located in Sections 9, 16, 21, 22, 26, and 27, Township 143 North, Range 32 West. The northwestern terminus is located at Latitude 47.2156 and Longitude -94.7596 and the southeastern terminus is located at Latitude: 47.1449 and Longitude: -94.6353; in the Cities of Laporte and Benedict and Townships of Lakeport and Shingobee, Hubbard and Cass Counties, Minnesota.

PROPOSED ACTIVITY: The applicant is requesting a DA permit to reconstruct approximately 8.6 miles of Trunk Highway (TH) 200 from County Road 39 to State Highway 371. Construction along the corridor would include full depth reclaim, reverse reclaim and paving. Culverts would also be replaced throughout the corridor and shoulder widening would occur intermittently from Laporte to Benedict. Storm sewer improvements, curb and gutter installation, and sidewalk installation is proposed in Laporte.

The regulated activities associated with the project include the permanent discharge of fill material into 86 linear feet (0.02 acre) of Grassy Creek, 9.88 acres of wetlands, 0.45 acre of linear ditches, and 21 square feet of Horseshoe Lake. Additionally, the regulated activities would include the temporary discharge of fill material into 24 linear feet (169 square feet) of Grassy Creek, 7.36 acres of wetlands, 0.01 acre of wet ditches, and 0.05 acre of Horseshoe Lake. All temporary impacts would be associated with best management practices, like silt fence to reduce erosion, temporary staging areas, and access for construction. All temporary discharges of fill material would be removed in their entirety and the affected areas restored to preconstruction contours, elevations, and vegetation cover following completion of the regulated activities.

MITIGATION: The applicant has provided the following information to explain how impacts to waters of the United States (WOTUS) associated with the proposed activity are to be avoided, minimized, and compensated for. To reduce impacts to WOTUS, backslopes around Paul Bunyan Trail were steepened so that the disturbance limits would be narrower and inslopes were tied into the existing ground rather than establishing new ditches. Compensatory mitigation for waterway and lake impacts was not proposed. Compensatory mitigation for permanent wetland impacts is proposed to be debited from federally approved wetland mitigation banks at a minimum 1:1 ratio within the same Bank Service Area as the proposed impacts. The USACE will determine the type and amount of wetland compensatory mitigation necessary to offset losses of waters of the United States which may result from the proposed activity in accordance with 33 CFR § 332.

HISTORIC PROPERTIES/CULTURAL RESOURCES: The MnDOT, on behalf of the Federal Highway Administration (FHWA), reviewed the project for compliance with Section 106 of the National Historic Preservation Act (NHPA). The MnDOT Cultural Resources Unit determined that there would be no historic properties affected by the project, as currently proposed.

ENDANGERED SPECIES: The MnDOT, on behalf of the FHWA, reviewed the project for compliance with Section 7 of the Endangered Species Act. MnDOT made the following determinations for listed species and critical habitat in the project area:

Species	Status	Effect Determination
Canada Lynx <i>Lynx canadensis</i>	Threatened	May Affect, Not Likely to Adversely Affect
Gray Wolf <i>Canis lupus</i>	Threatened	May Affect, Not Likely to Adversely Affect
Tricolored Bat <i>Perimyotis subflavus</i>	Proposed Endangered	No Jeopardy
Northern Long-eared Bat <i>Myotis septentrionalis</i>	Endangered	May Affect, Not Likely to Adversely Affect
Suckley's Cuckoo Bumble Bee <i>Bombus suckleyi</i>	Proposed Endangered	No Jeopardy
Monarch Butterfly <i>Danaus plexippus</i>	Proposed Threatened	No Jeopardy

The Minnesota-Wisconsin Federal Endangered Species Determination Key and the species-specific rangewide programmatic agreement and associated biological opinion for FHWA, FRA, FTA Transportation Projects within the Range of the Indiana Bat, Northern Long-eared Bat, and Tricolored Bat were utilized to support the effect determinations. Consultation with USFWS has been completed.

WATER QUALITY CERTIFICATION: An Individual Water Quality Certification may be required from the Leech Lake Band of Ojibwe and the Minnesota Pollution Control Agency pursuant to Section 401 of the Clean Water Act (33 U.S.C. § 1341). A

Department of the Army permit will not be granted until the certifying authorities have issued or waived Section 401 WQC certification and the U.S. Environmental Protection Agency (USEPA) neighboring jurisdiction process is completed. Corps Section 404 Clean Water Act decisions may not be finalized until after the USEPA completes this process.

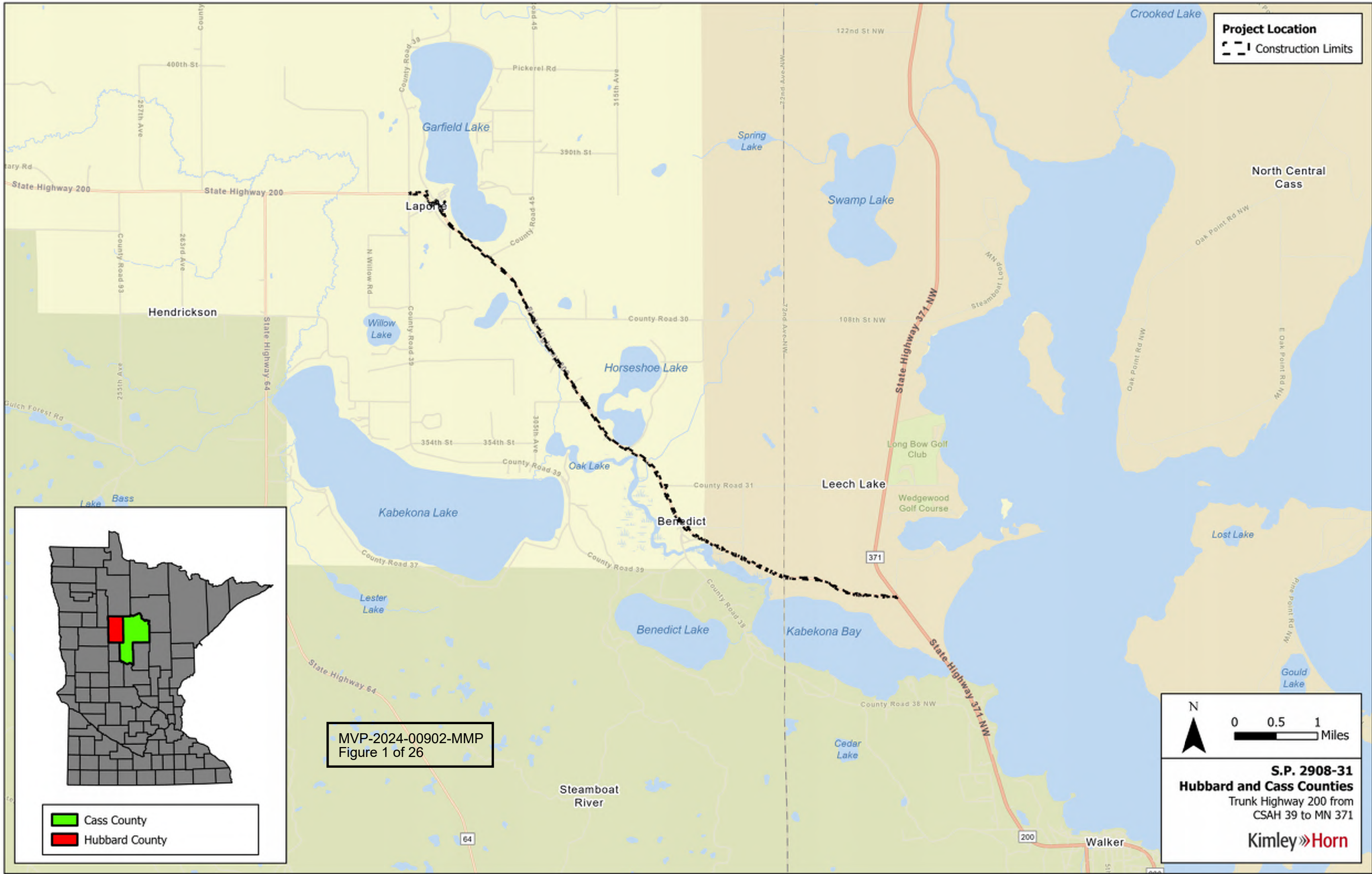
NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the USACE jurisdiction has been verified in part by USACE personnel.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

COMMENTS: The USACE is soliciting comments from the public; Federal, State, and local agencies and officials; Tribal Nations; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE to determine whether to issue, modify, condition, or deny a permit for this proposed activity. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Any comments or objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested permit. Please note that all comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

The St. Paul District will receive written comments on the proposed activity, as outlined above, until May 28, 2026. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs/public-notices>. Alternatively, you may submit comments to Morgan Papenhouse at Morgan.M.Papenhouse@USACE.Army.Mil or U.S. Army Corps of Engineers, St. Paul District, Attention: Morgan Papenhouse, 250 N Sunnyslope Road, Suite 296, Brookfield, Wisconsin 53005. Please refer to **"2024-00902-MMP"** in your comments.



Project Location
 Construction Limits

MVP-2024-00902-MMP
 Figure 1 of 26

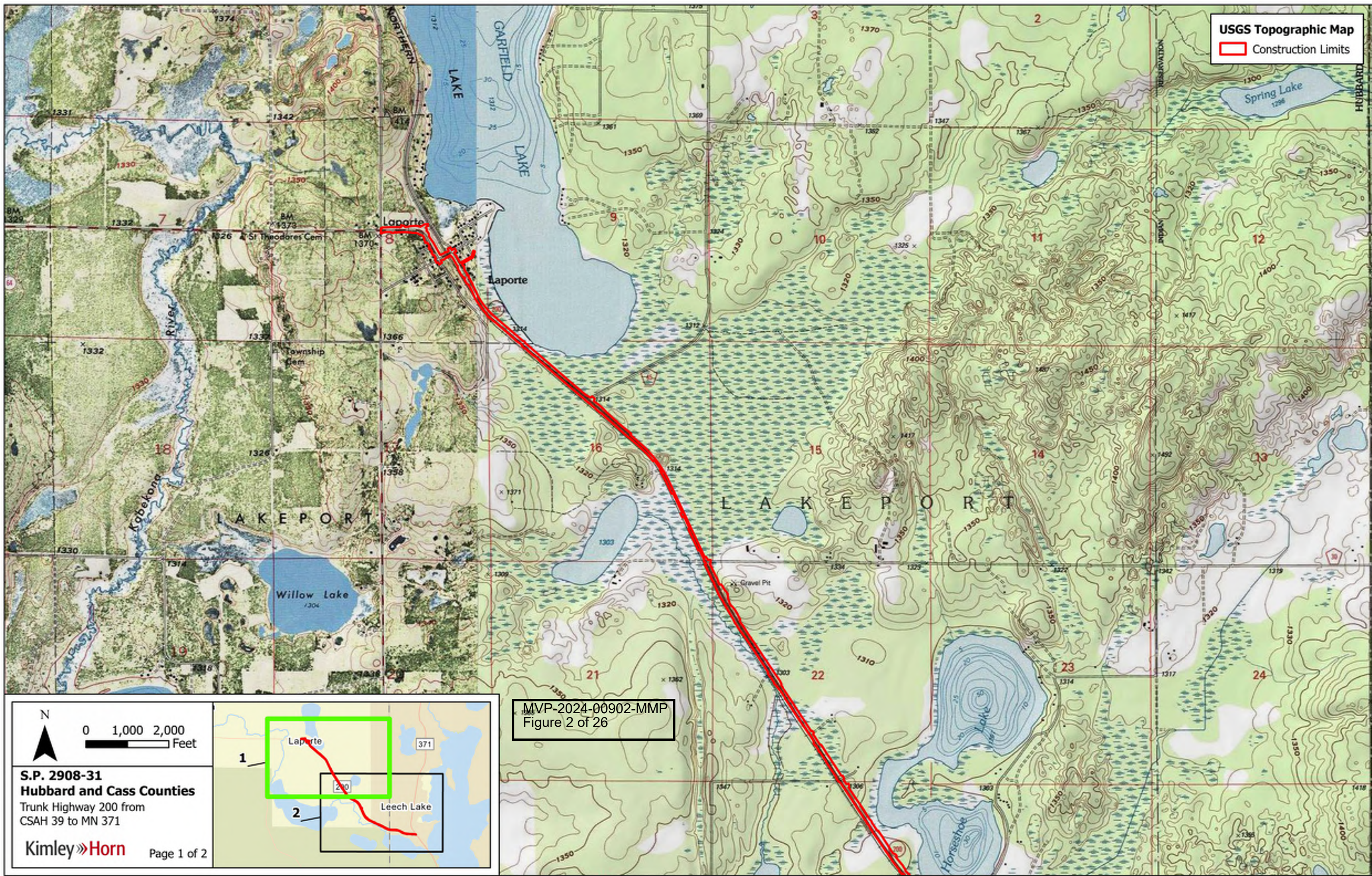
Cass County
 Hubbard County

N
 0 0.5 1 Miles

S.P. 2908-31
Hubbard and Cass Counties
 Trunk Highway 200 from
 CSAH 39 to MN 371
Kimley»Horn

USGS Topographic Map

Construction Limits

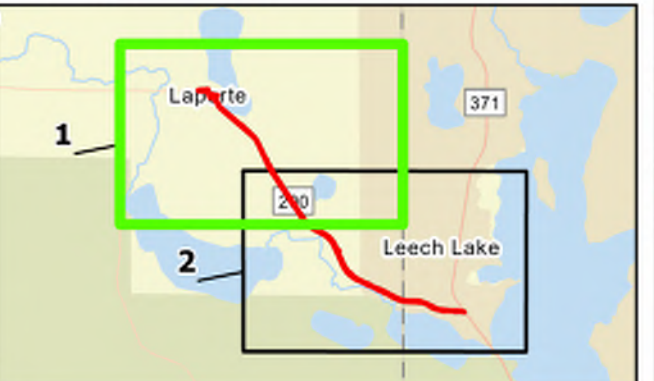


MVP-2024-00902-MMP
Figure 2 of 26

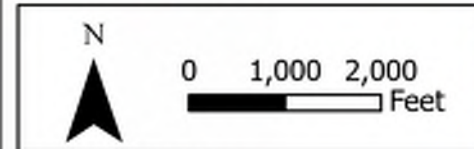
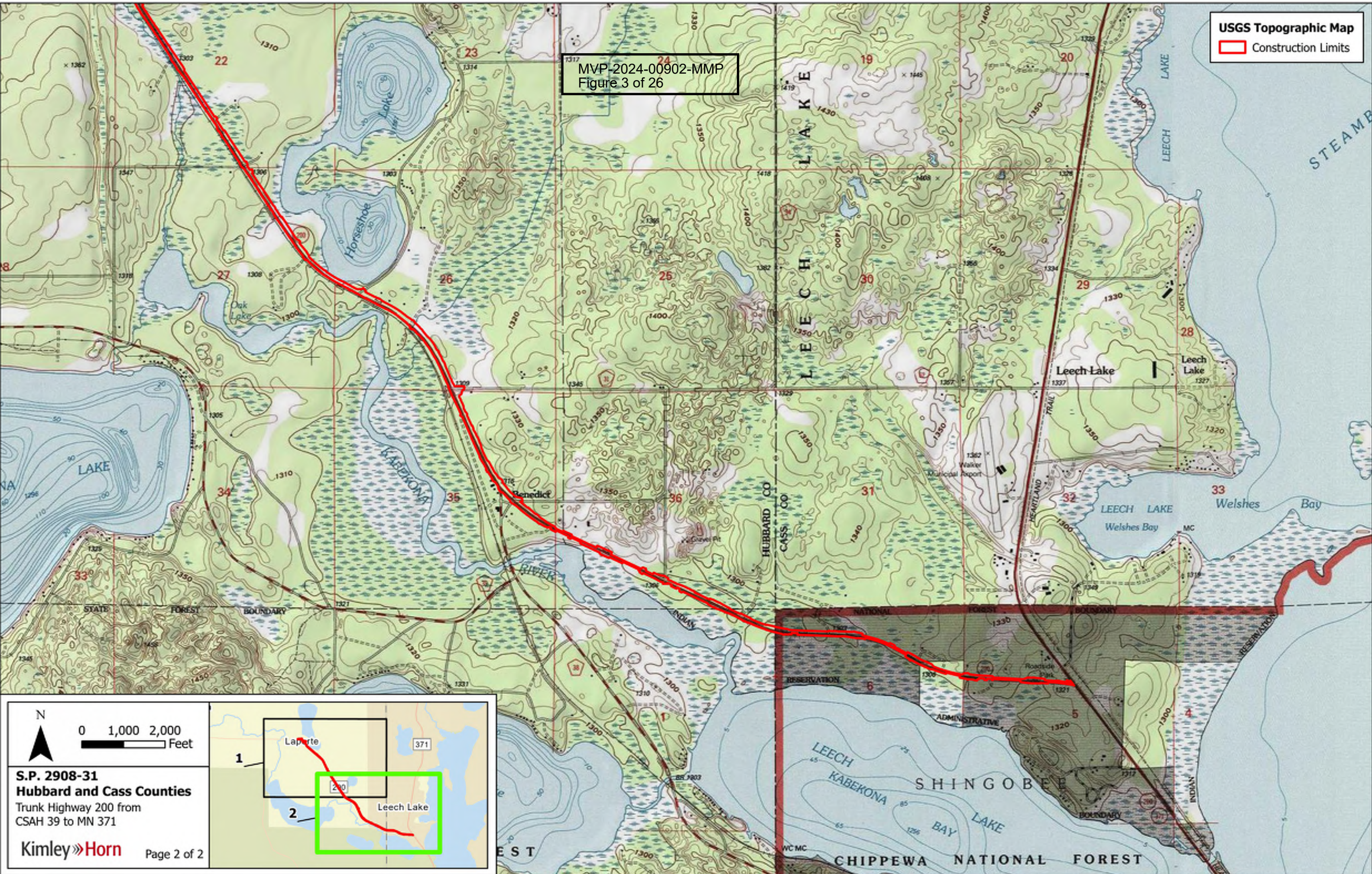
N
0 1,000 2,000 Feet

S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from
CSAH 39 to MN 371

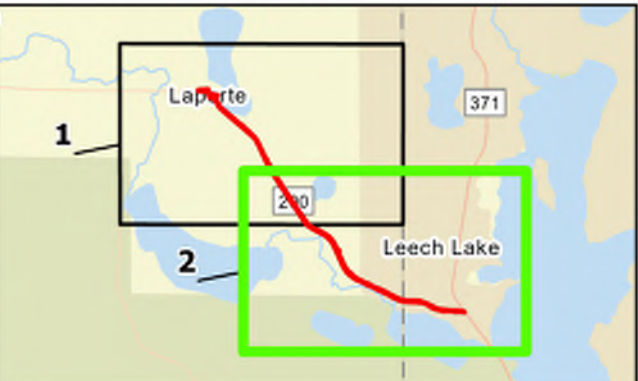
Kimley»Horn Page 1 of 2



MVP-2024-00902-MMP
Figure 3 of 26



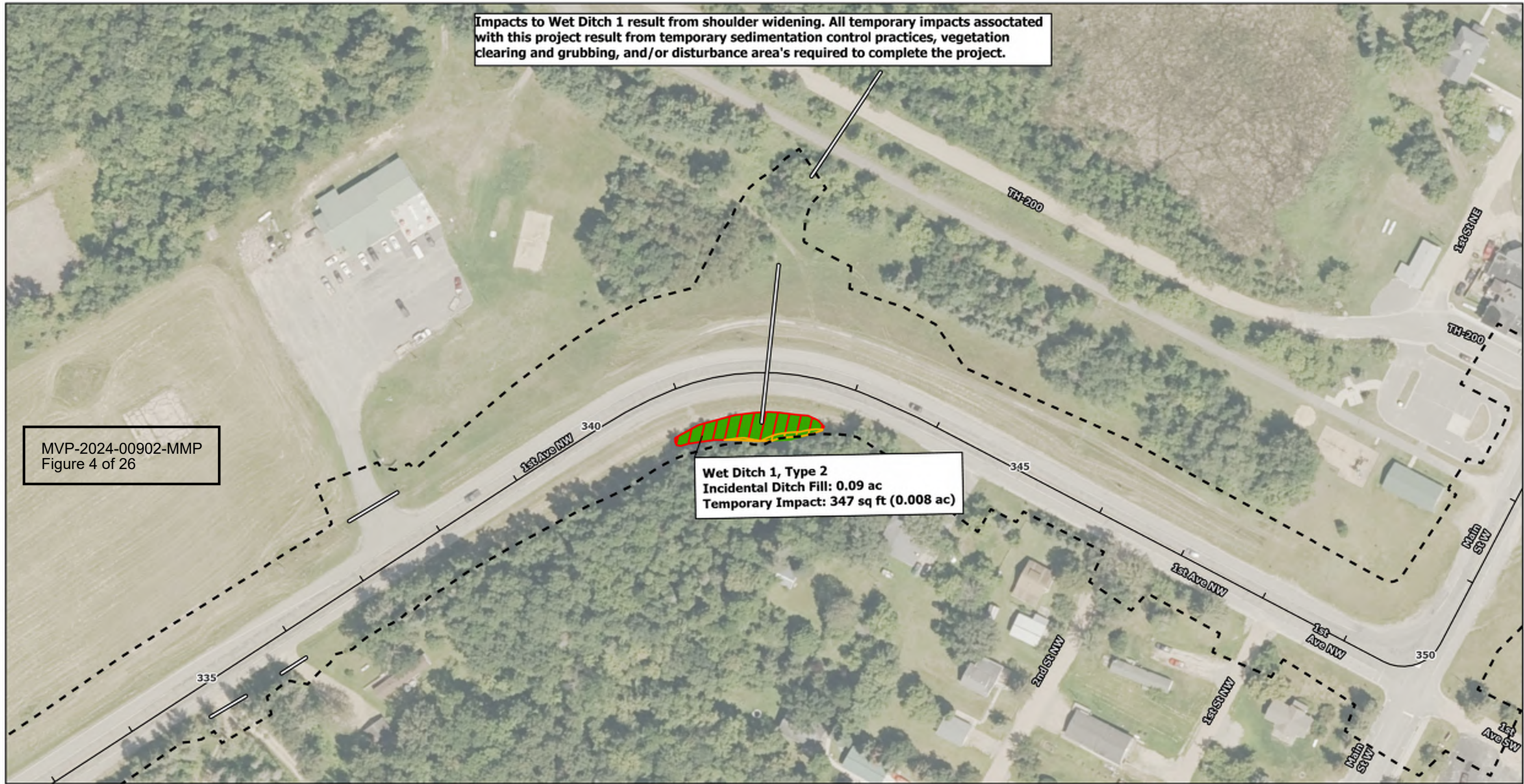
S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from
CSAH 39 to MN 371



Impacts to Wet Ditch 1 result from shoulder widening. All temporary impacts associated with this project result from temporary sedimentation control practices, vegetation clearing and grubbing, and/or disturbance area's required to complete the project.

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Wet Ditch 1, Type 2
Incidental Ditch Fill: 0.09 ac
Temporary Impact: 347 sq ft (0.008 ac)



Delineated Resource Impacts - 1 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

*All Resources denoted with one asterisk are anticipated to be USACE Jurisdictional. **All resources denoted with two asterisks are DNR Regulated and anticipated to be USACE Jurisdictional.

S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley **Horn**

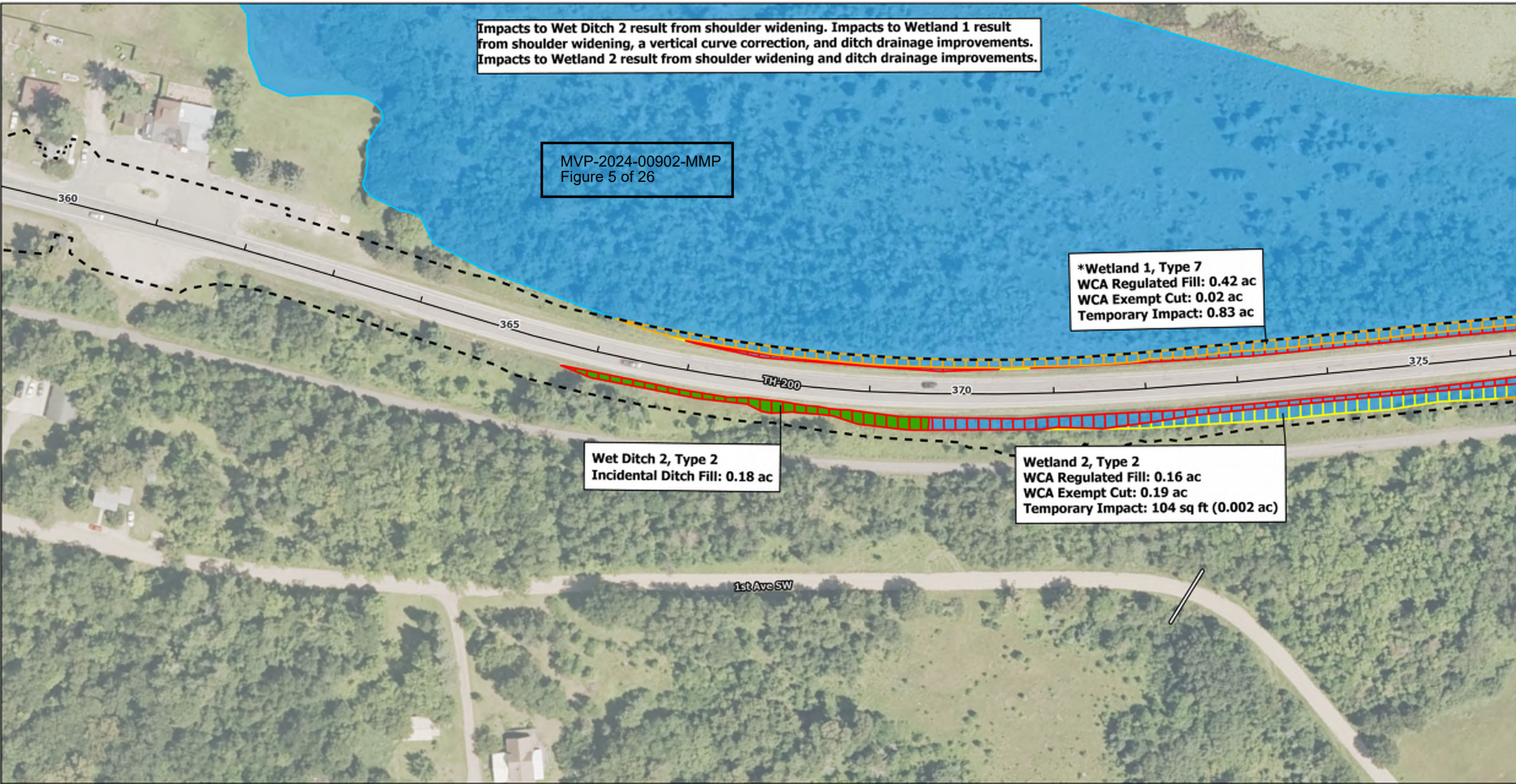
Impacts to Wet Ditch 2 result from shoulder widening. Impacts to Wetland 1 result from shoulder widening, a vertical curve correction, and ditch drainage improvements. Impacts to Wetland 2 result from shoulder widening and ditch drainage improvements.

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*Wetland 1, Type 7
WCA Regulated Fill: 0.42 ac
WCA Exempt Cut: 0.02 ac
Temporary Impact: 0.83 ac

Wet Ditch 2, Type 2
Incidental Ditch Fill: 0.18 ac

Wetland 2, Type 2
WCA Regulated Fill: 0.16 ac
WCA Exempt Cut: 0.19 ac
Temporary Impact: 104 sq ft (0.002 ac)



Delineated Resource Impacts - 2 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

0 50 100 Feet

Impacts to Wetland 1 result from shoulder widening, a vertical curve correction, and ditch drainage improvements. Impacts to Wetland 2 and 3 result from shoulder widening and ditch cleaning. Impacts to Wet Ditch 3 and 4 result from shoulder widening.

***Wetland 1, Type 7**
WCA Regulated Fill: 0.42 ac
WCA Exempt Cut: 0.02 ac
Temporary Impact: 0.83 ac

Wetland 2, Type 2
WCA Regulated Fill: 0.16 ac
WCA Exempt Cut: 0.19 ac
Temporary Impact: 104 sq ft (0.002 ac)

Wet Ditch 3, Type 2
Incidental Ditch Fill: 0.10 ac
Incidental Ditch Cut: 0.01 ac

Wet Ditch 4, Type 2
Incidental Ditch Fill: 0.07 ac
Incidental Ditch Cut: 30 sq ft

***Wetland 3, Type 2**
WCA Regulated Fill: 0.21 ac
WCA Exempt Cut: 0.55 ac
Temporary Impact: 0.31 ac

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Delineated Resource Impacts - 3 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Resource Impacts

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S.P. 2908-31
Hubbard and Cass Counties
 Trunk Highway 200 from CSAH 39 to MN 371

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0 50 100 Feet

Impacts to Wetland 1 result from shoulder widening, a vertical curve correction, and ditch drainage improvement. Impacts to Wetland 3, 4, and 5 result from shoulder widening and ditch drainage improvements.

*Wetland 5, Type 2
WCA Regulated Fill: 0.11 ac
Temporary Impact 0.19 ac

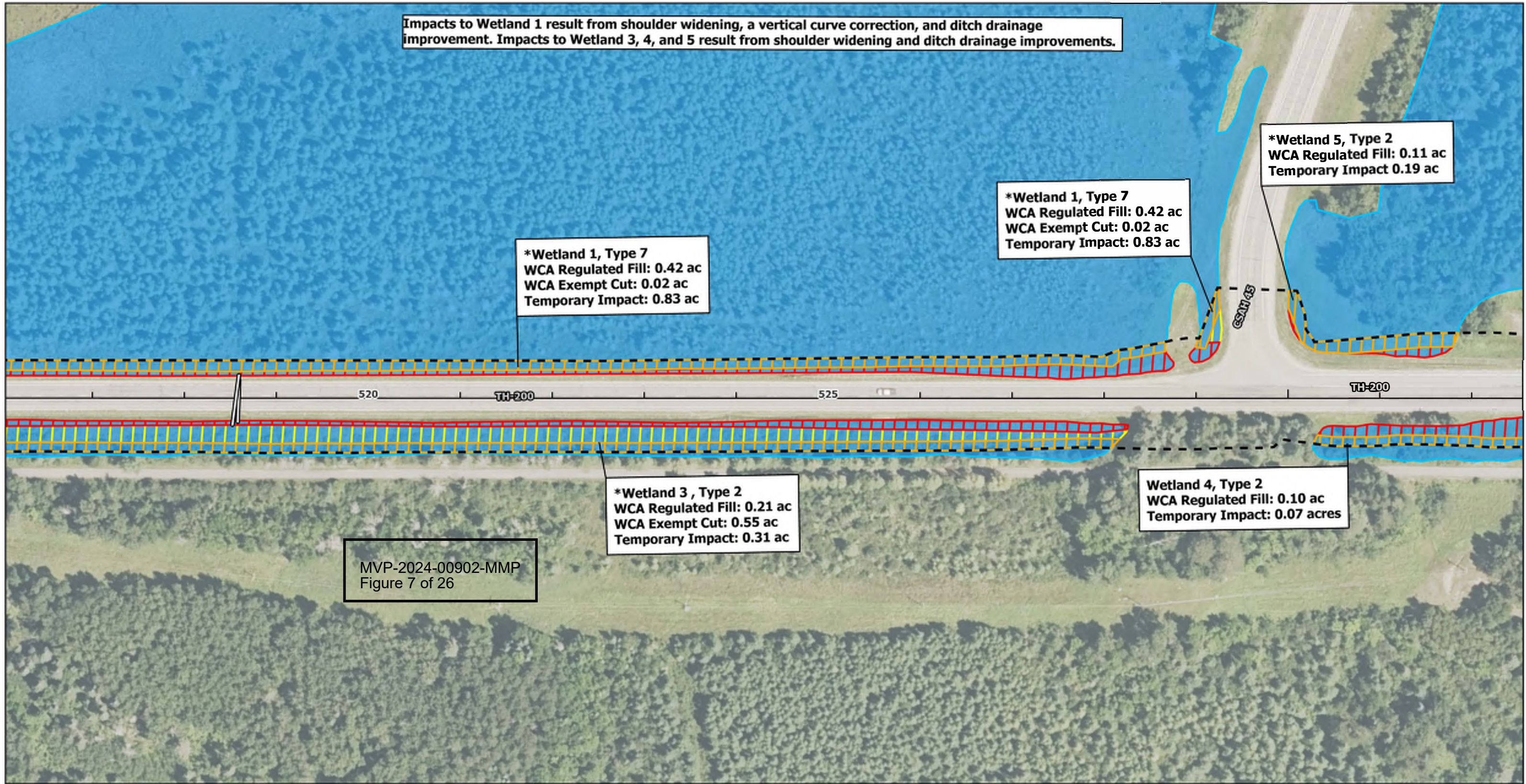
*Wetland 1, Type 7
WCA Regulated Fill: 0.42 ac
WCA Exempt Cut: 0.02 ac
Temporary Impact: 0.83 ac

*Wetland 1, Type 7
WCA Regulated Fill: 0.42 ac
WCA Exempt Cut: 0.02 ac
Temporary Impact: 0.83 ac

*Wetland 3, Type 2
WCA Regulated Fill: 0.21 ac
WCA Exempt Cut: 0.55 ac
Temporary Impact: 0.31 ac

Wetland 4, Type 2
WCA Regulated Fill: 0.10 ac
Temporary Impact: 0.07 acres

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Delineated Resource Impacts - 4 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

0 50 100 Feet

Impacts to Wetland 4 and 5 result from shoulder widening. Impacts to Wetland 39 result from ditch drainage improvements.

*Wetland 5, Type 2
WCA Regulated Fill: 0.11 ac
Temporary Impact 0.19 ac

*Wetland 5, Type 2
WCA Regulated Fill: 0.11 ac
Temporary Impact: 0.19 ac

Wetland 4, Type 2
WCA Regulated Fill: 0.10 ac
Temporary Impact: 0.07 acres

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Wetland 39, Type 2
WCA Exempt Cut: 0.08 ac
Temporary Impact: 0.32 ac



Delineated Resource Impacts - 5 of 23

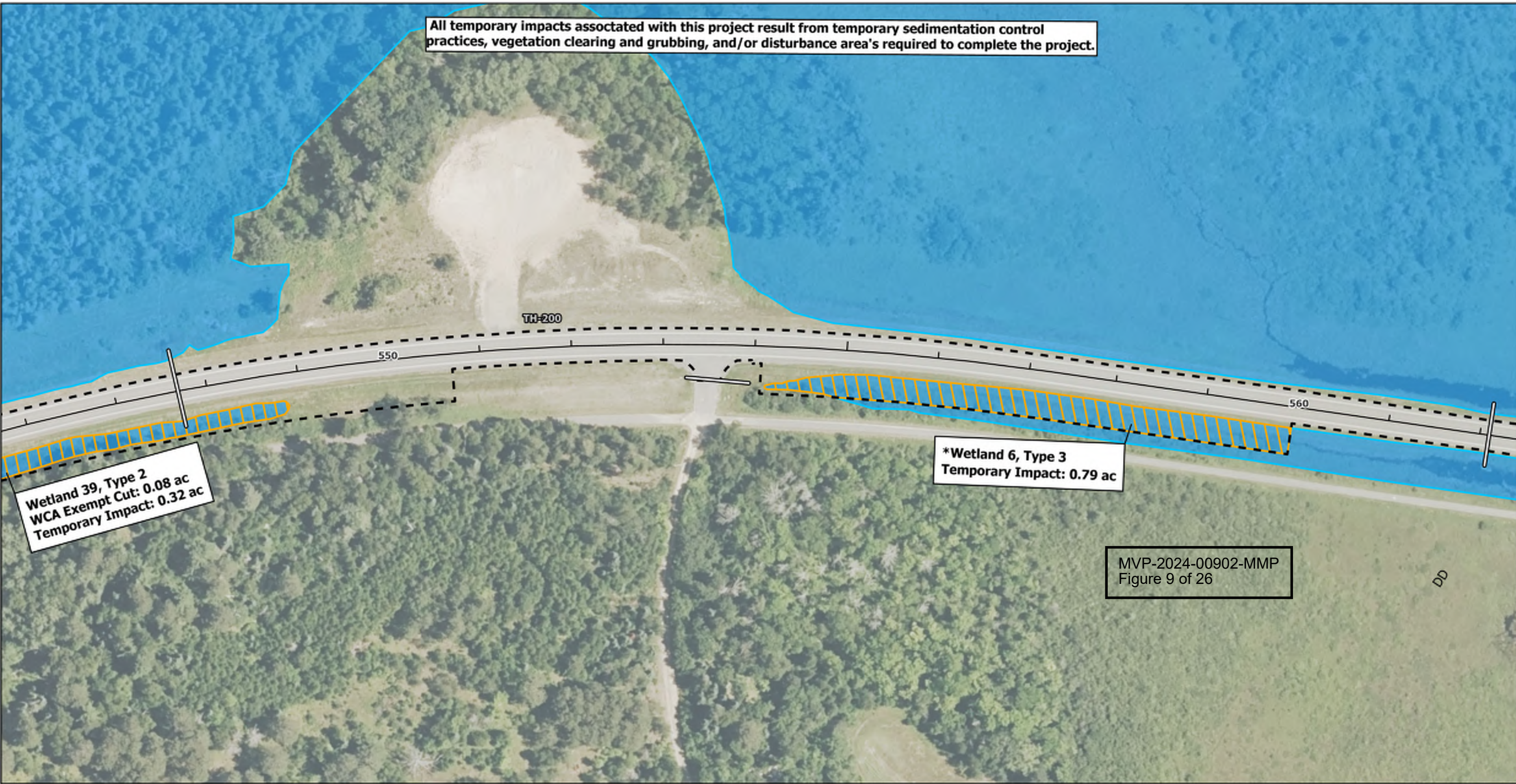
- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

All temporary impacts associated with this project result from temporary sedimentation control practices, vegetation clearing and grubbing, and/or disturbance area's required to complete the project.



Wetland 39, Type 2
WCA Exempt Cut: 0.08 ac
Temporary Impact: 0.32 ac

*Wetland 6, Type 3
Temporary Impact: 0.79 ac

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Delineated Resource Impacts - 6 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

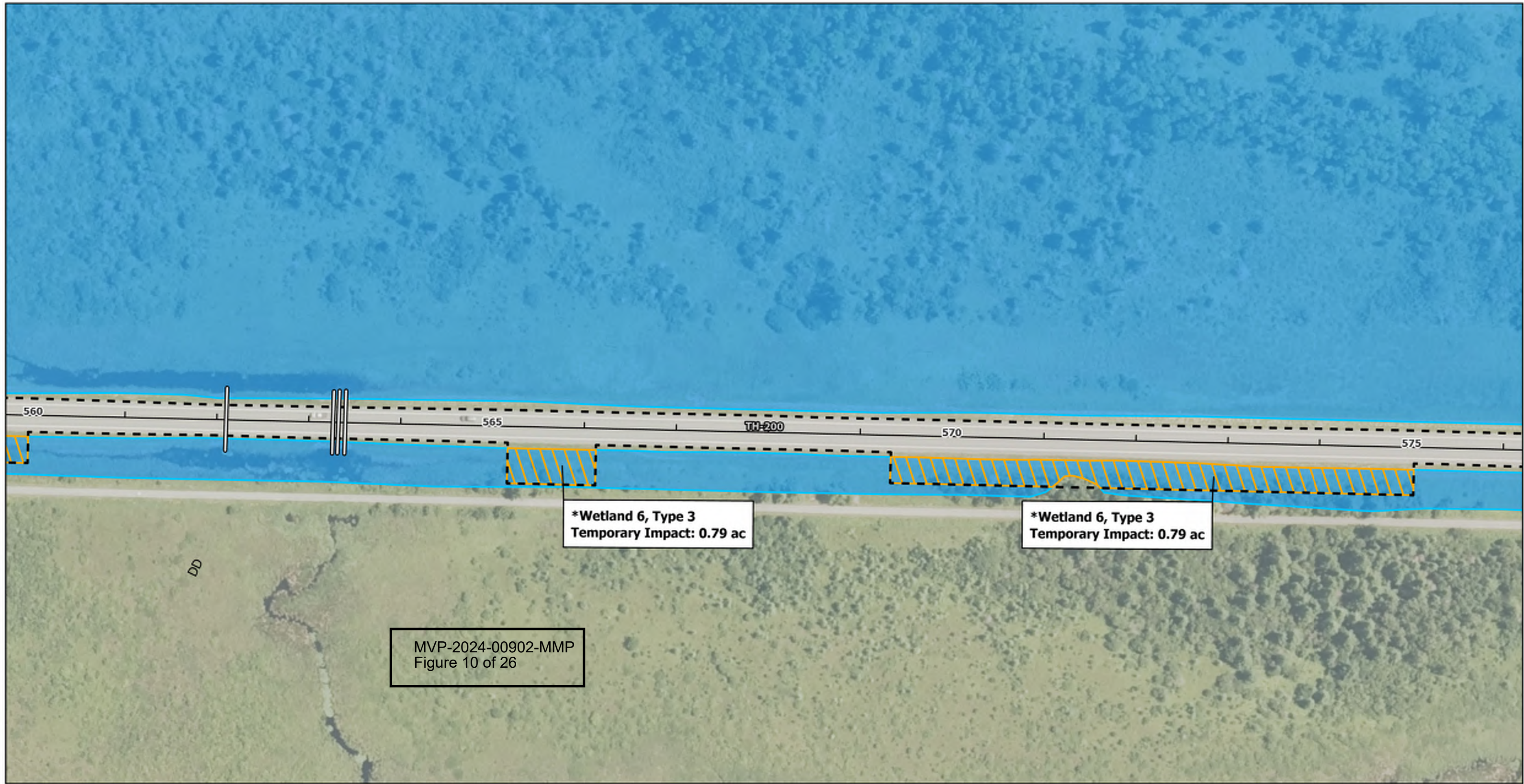
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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

0 50 100 Feet

Aerial Imagery Courtesy of USDA NAIP (8/2/2023)



Delineated Resource Impacts - 7 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

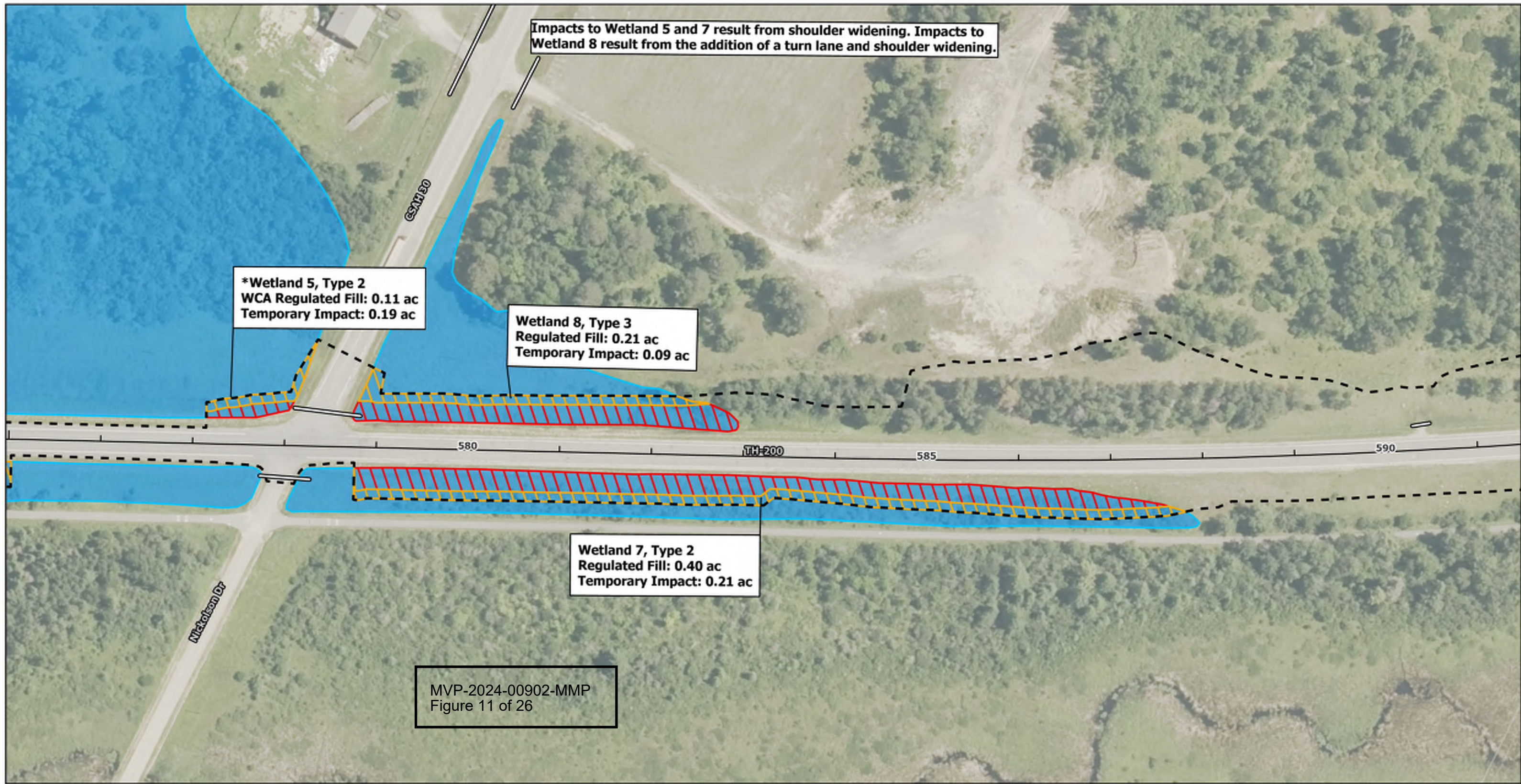
Delineated Aquatic Resources

Delineated Resource Impacts

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Hubbard and Cass Counties
 Trunk Highway 200 from CSAH 39 to MN 371

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Delineated Resource Impacts - 8 of 23

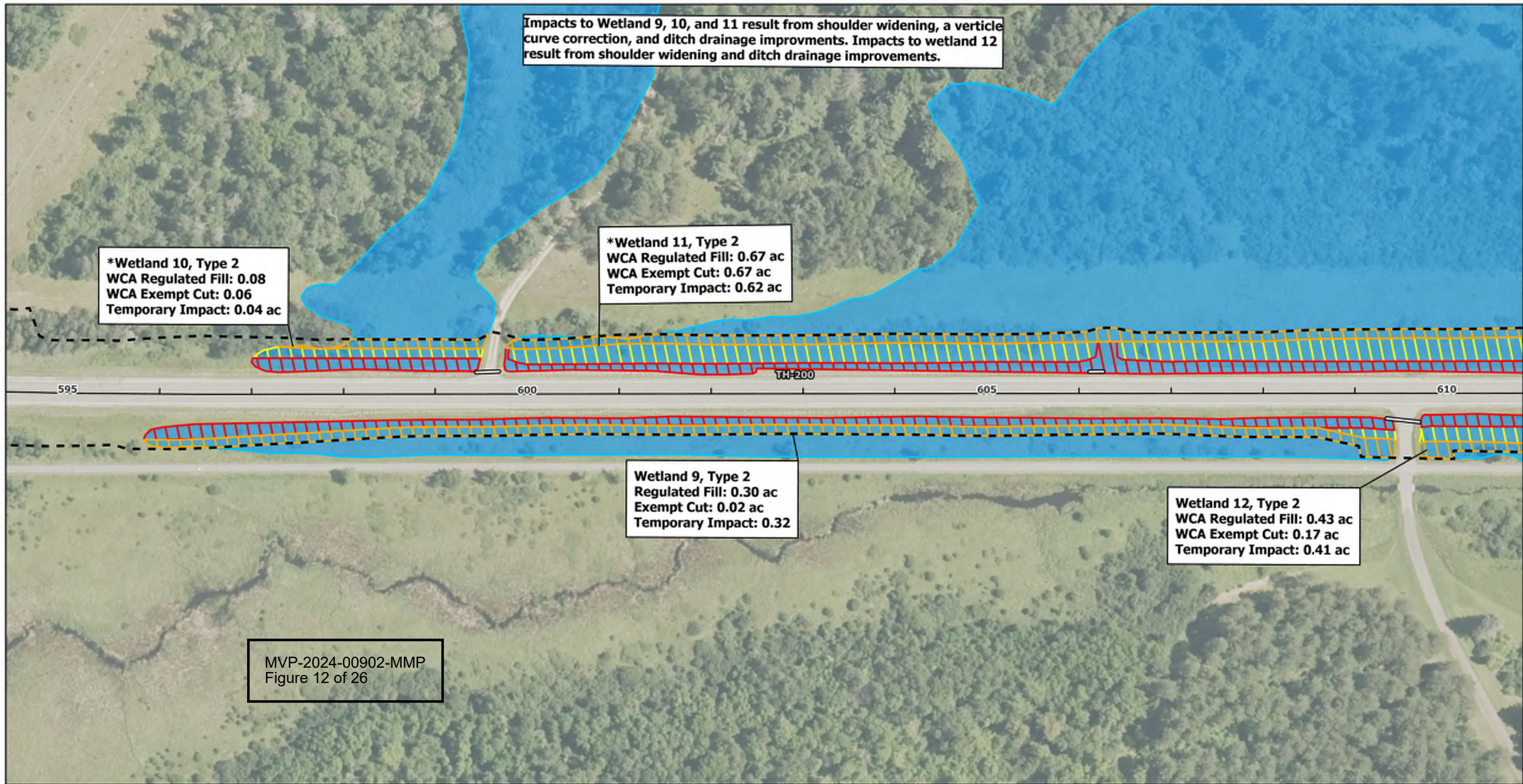
- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

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0 50 100 Feet



Delineated Resource Impacts - 9 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

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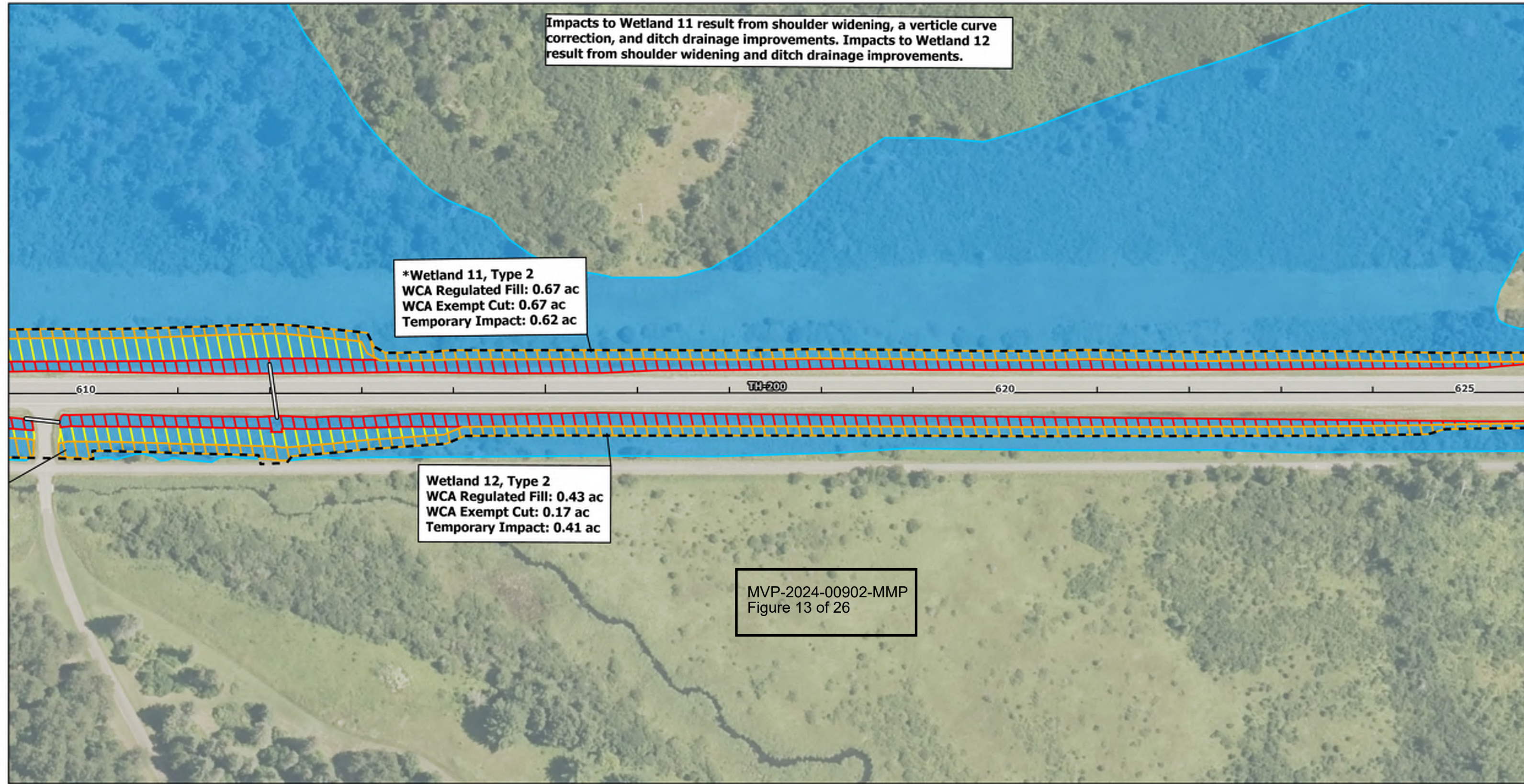
0 50 100 Feet

Impacts to Wetland 11 result from shoulder widening, a verticle curve correction, and ditch drainage improvements. Impacts to Wetland 12 result from shoulder widening and ditch drainage improvements.

*Wetland 11, Type 2
 WCA Regulated Fill: 0.67 ac
 WCA Exempt Cut: 0.67 ac
 Temporary Impact: 0.62 ac

Wetland 12, Type 2
 WCA Regulated Fill: 0.43 ac
 WCA Exempt Cut: 0.17 ac
 Temporary Impact: 0.41 ac

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Delineated Resource Impacts - 10 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

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S.P. 2908-31
Hubbard and Cass Counties
 Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

Impacts to Wetland 11, 13, and 14 result from shoulder widening, a verticle curve correction, and ditch drainage improvements. Impacts to Wetland 12 result from shoulder widening and ditch drainage improvements.

*Wetland 11, Type 2
 WCA Regulated Fill: 0.67 ac
 WCA Exempt Cut: 0.67 ac
 Temporary Impact: 0.62 ac

Wetland 13, Type 2
 WCA Regulated Fill: 0.25 ac
 WCA Exempt Cut: 0.33 ac
 Temporary Impact: 0.30 ac

Wetland 12, Type 2
 WCA Regulated Fill: 0.43 ac
 WCA Exempt Cut: 0.17 ac
 Temporary Impact: 0.41 ac

Wetland 14, Type 2
 WCA Regulated Fill: 0.23 ac
 WCA Exempt Cut: 0.27 ac
 Temporary Impact: 0.15 ac

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Delineated Resource Impacts - 11 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

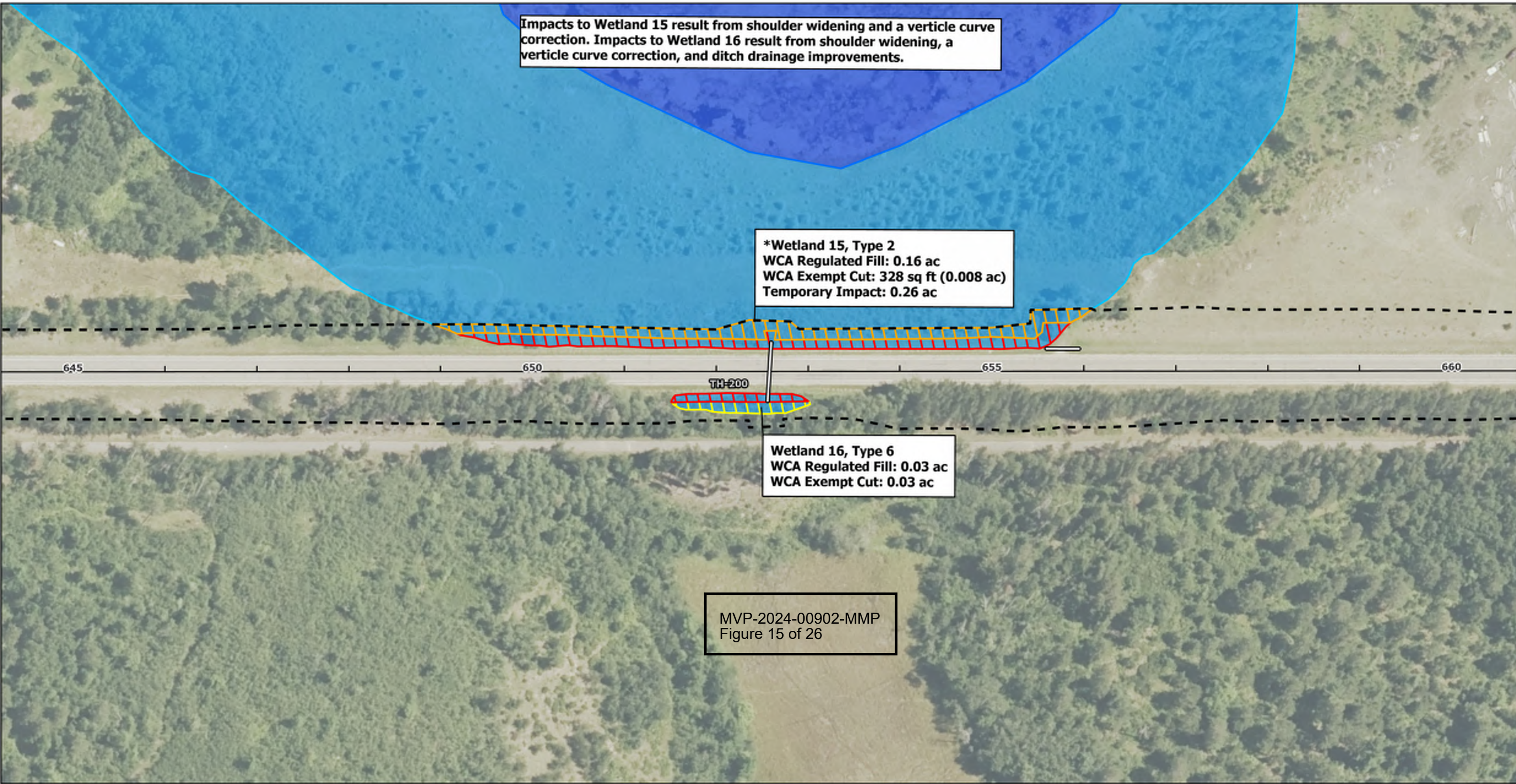
Delineated Resource Impacts

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S.P. 2908-31
Hubbard and Cass Counties
 Trunk Highway 200 from CSAH 39 to MN 371

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0 50 100 Feet



Impacts to Wetland 15 result from shoulder widening and a verticle curve correction. Impacts to Wetland 16 result from shoulder widening, a verticle curve correction, and ditch drainage improvements.

*Wetland 15, Type 2
 WCA Regulated Fill: 0.16 ac
 WCA Exempt Cut: 328 sq ft (0.008 ac)
 Temporary Impact: 0.26 ac

Wetland 16, Type 6
 WCA Regulated Fill: 0.03 ac
 WCA Exempt Cut: 0.03 ac

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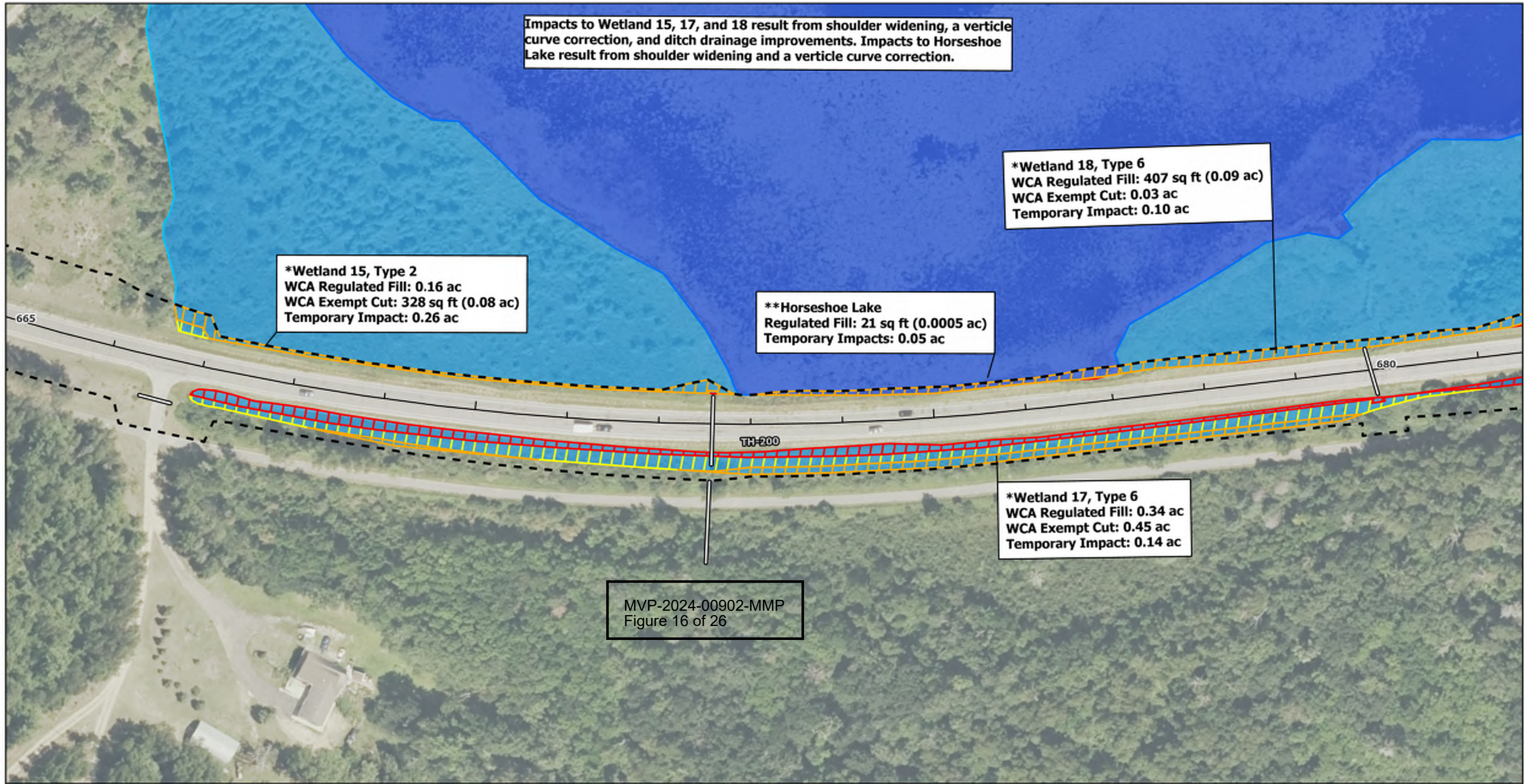
Delineated Resource Impacts - 12 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

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S.P. 2908-31
Hubbard and Cass Counties
 Trunk Highway 200 from CSAH 39 to MN 371

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Delineated Resource Impacts - 13 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
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Delineated Aquatic Resources

Delineated Resource Impacts

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

0 50 100 Feet

Impacts to Wetland 18 result from shoulder widening, a verticle curve correction, and ditch drainage improvements. Impacts to Wetland 17, 20, and 21 result from shoulder widening and and ditch drainage improvements. Impacts to Wetland 19 result from the addition of a turn lane, shoulder widening, and and ditch drainage improvements.

*Wetland 18, Type 6
WCA Regulated Fill: 407 sq ft (0.009 ac)
WCA Exempt Cut: 0.03 ac
Temporary Impact: 0.10 ac

Wetland 19, Type 2
WCA Regulated Fill: 0.04 ac
WCA Exempt Cut: 0.03 ac

Wetland 20, Type 2
WCA Regulated Fill: 0.05 ac
WCA Exempt Cut: 0.02 ac
Temporary Impact: 0.03 ac

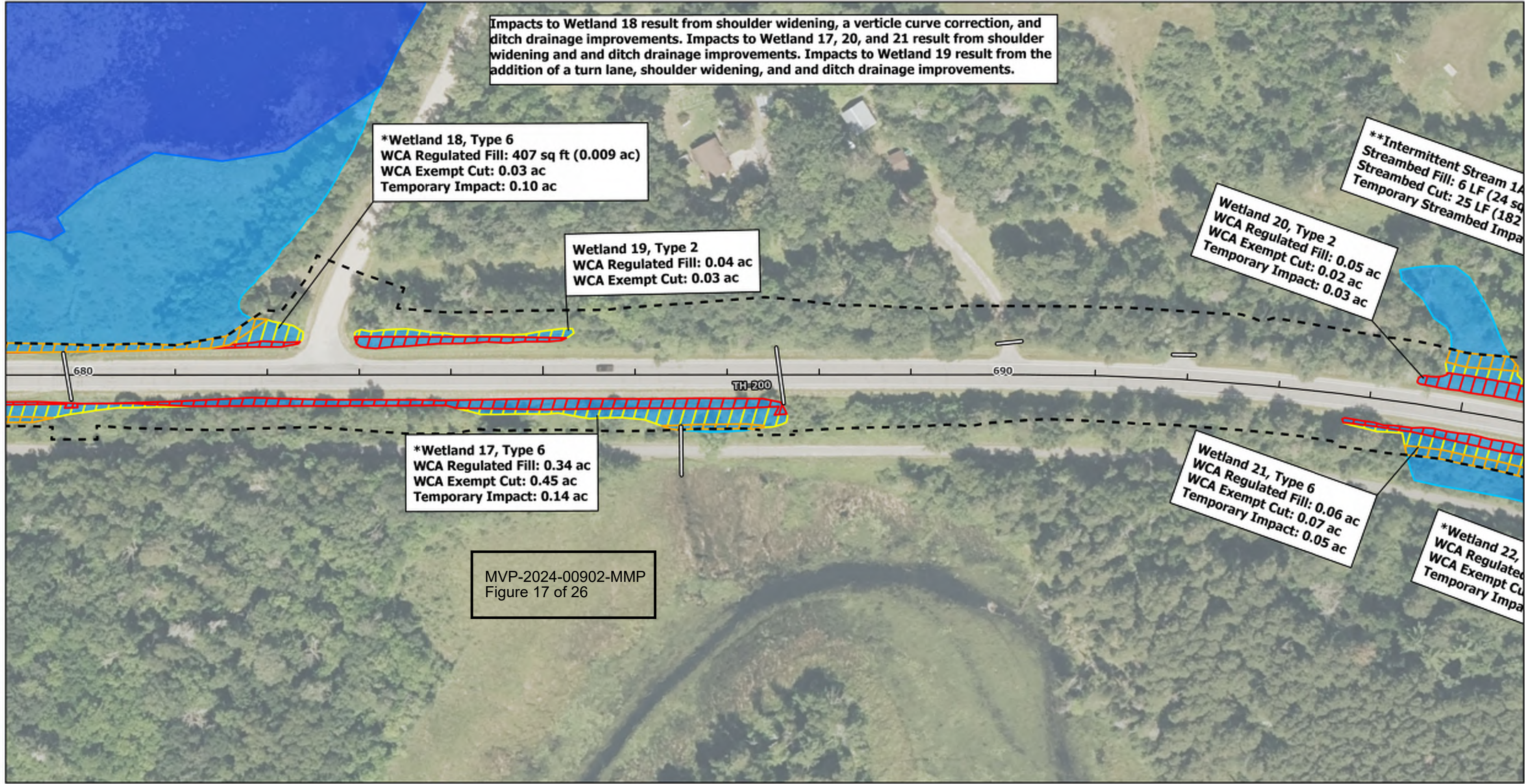
**Intermittent Stream 1A
Streambed Fill: 6 LF (24 sq)
Streambed Cut: 25 LF (182)

*Wetland 17, Type 6
WCA Regulated Fill: 0.34 ac
WCA Exempt Cut: 0.45 ac
Temporary Impact: 0.14 ac

Wetland 21, Type 6
WCA Regulated Fill: 0.06 ac
WCA Exempt Cut: 0.07 ac
Temporary Impact: 0.05 ac

*Wetland 22,
WCA Regulated
WCA Exempt Cut
Temporary Impa

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Delineated Resource Impacts - 14 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

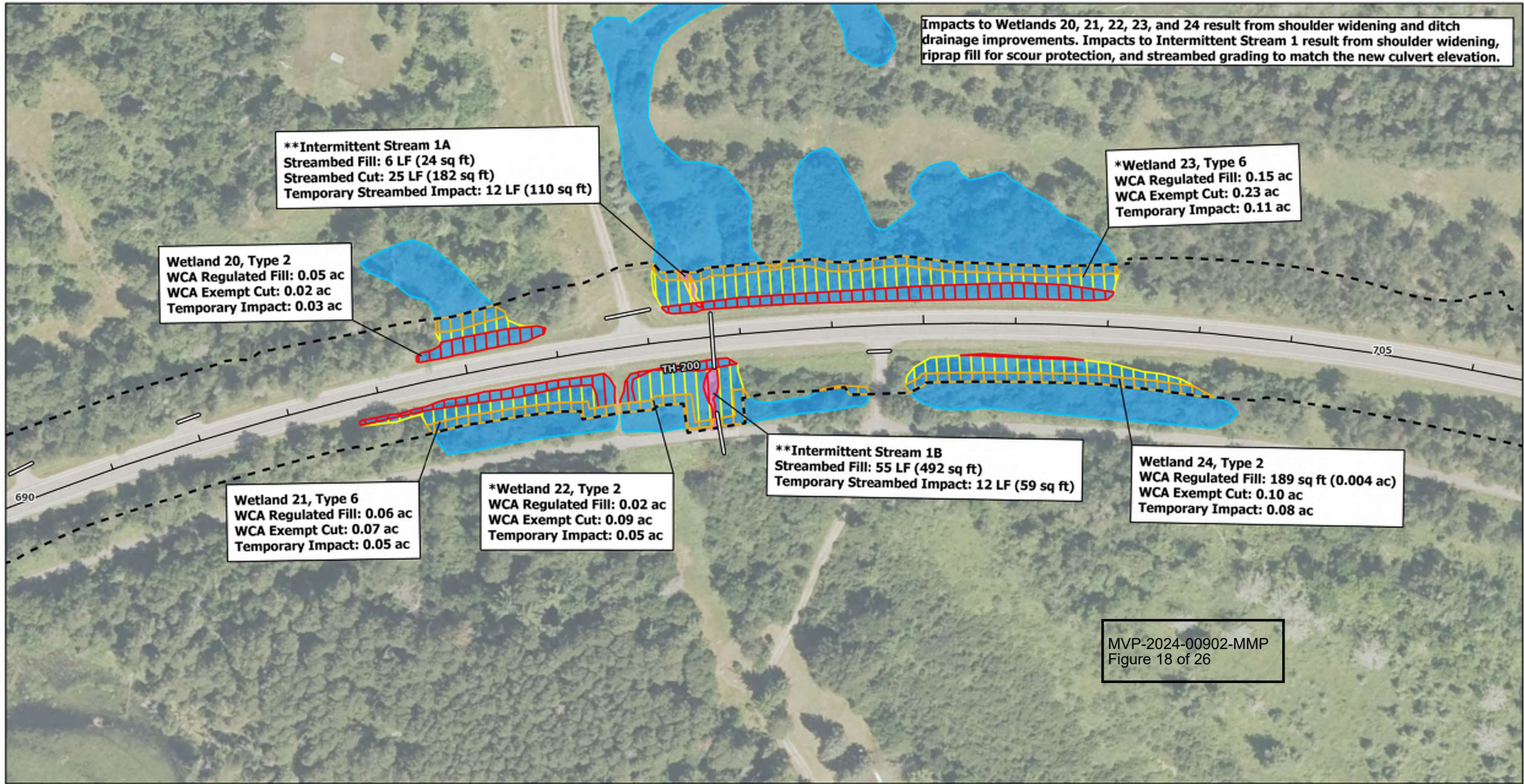
Delineated Resource Impacts

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S.P. 2908-31
Hubbard and Cass Counties
Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

0 50 100 Feet



Delineated Resource Impacts - 15 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Resource Impacts

*All Resources denoted with one asterisk are anticipated to be USACE Jurisdictional. **All resources denoted with two asterisks are DNR Regulated and anticipated to be USACE Jurisdictional.

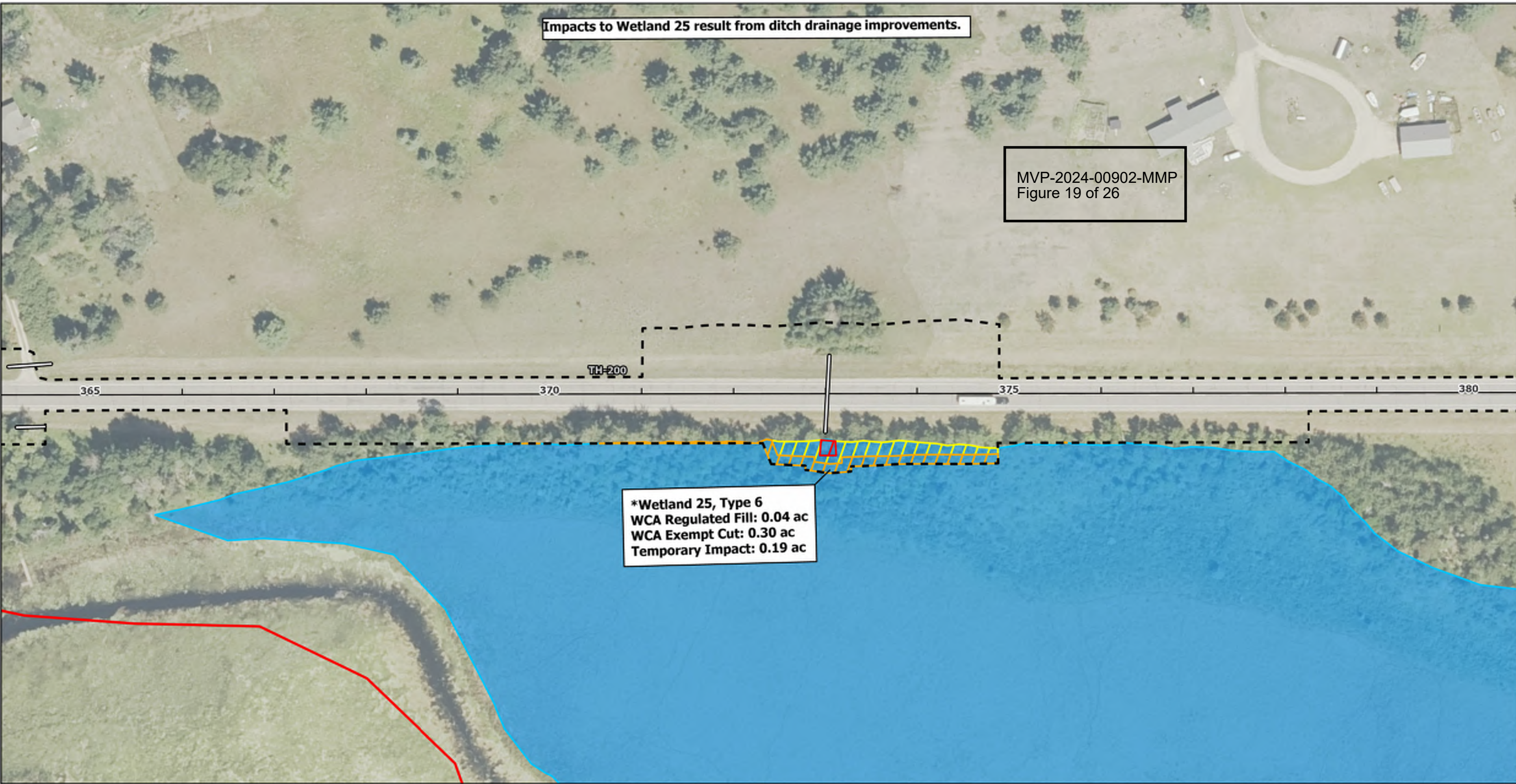
S.P. 2908-31
Hubbard and Cass Counties
 Trunk Highway 200 from CSAH 39 to MN 371

Kimley»Horn

0 50 100 Feet

Impacts to Wetland 25 result from ditch drainage improvements.

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Figure 19 of 26



*Wetland 25, Type 6
WCA Regulated Fill: 0.04 ac
WCA Exempt Cut: 0.30 ac
Temporary Impact: 0.19 ac



Delineated Resource Impacts - 16 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

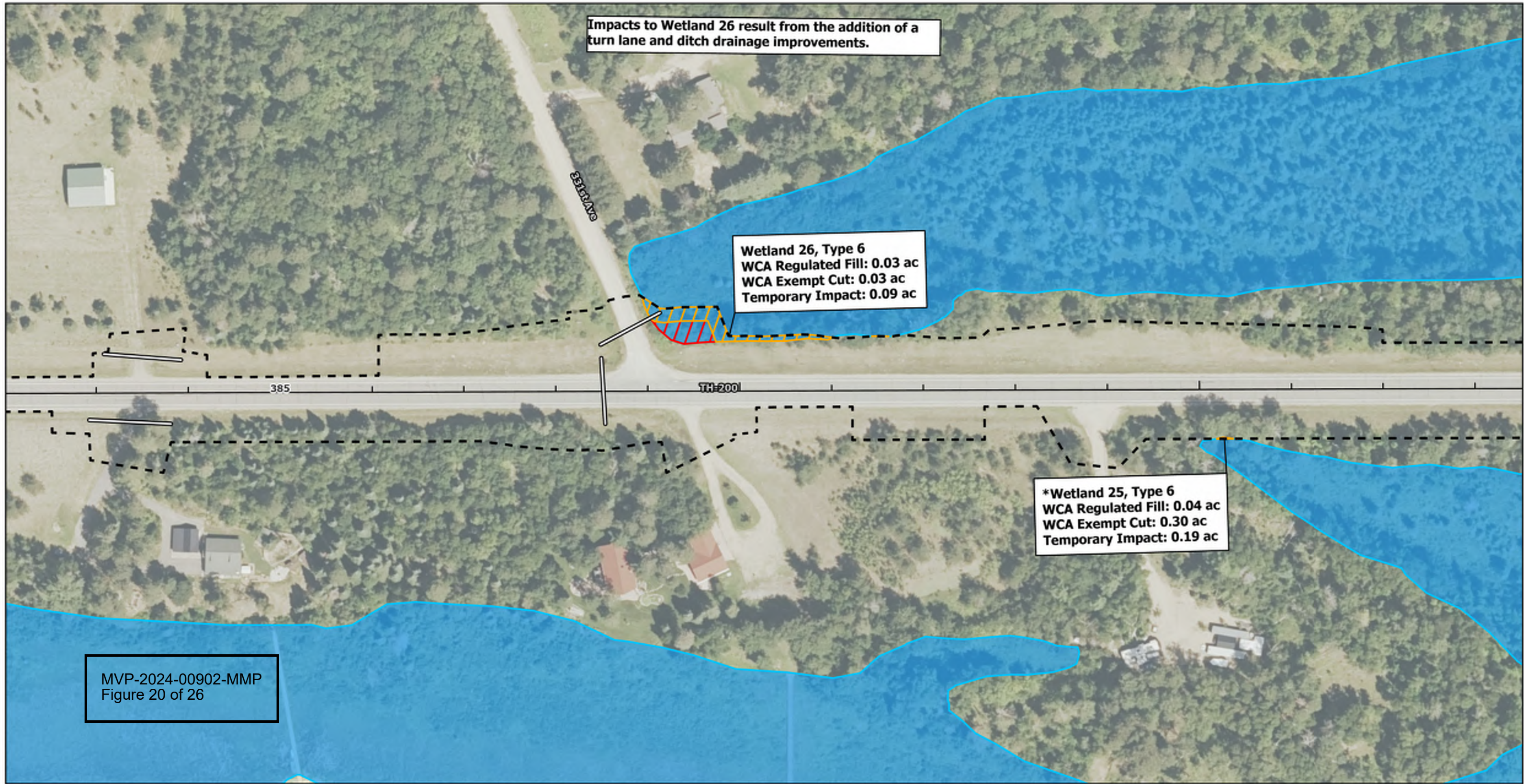
Delineated Aquatic Resources

Delineated Resource Impacts

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Delineated Resource Impacts - 17 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

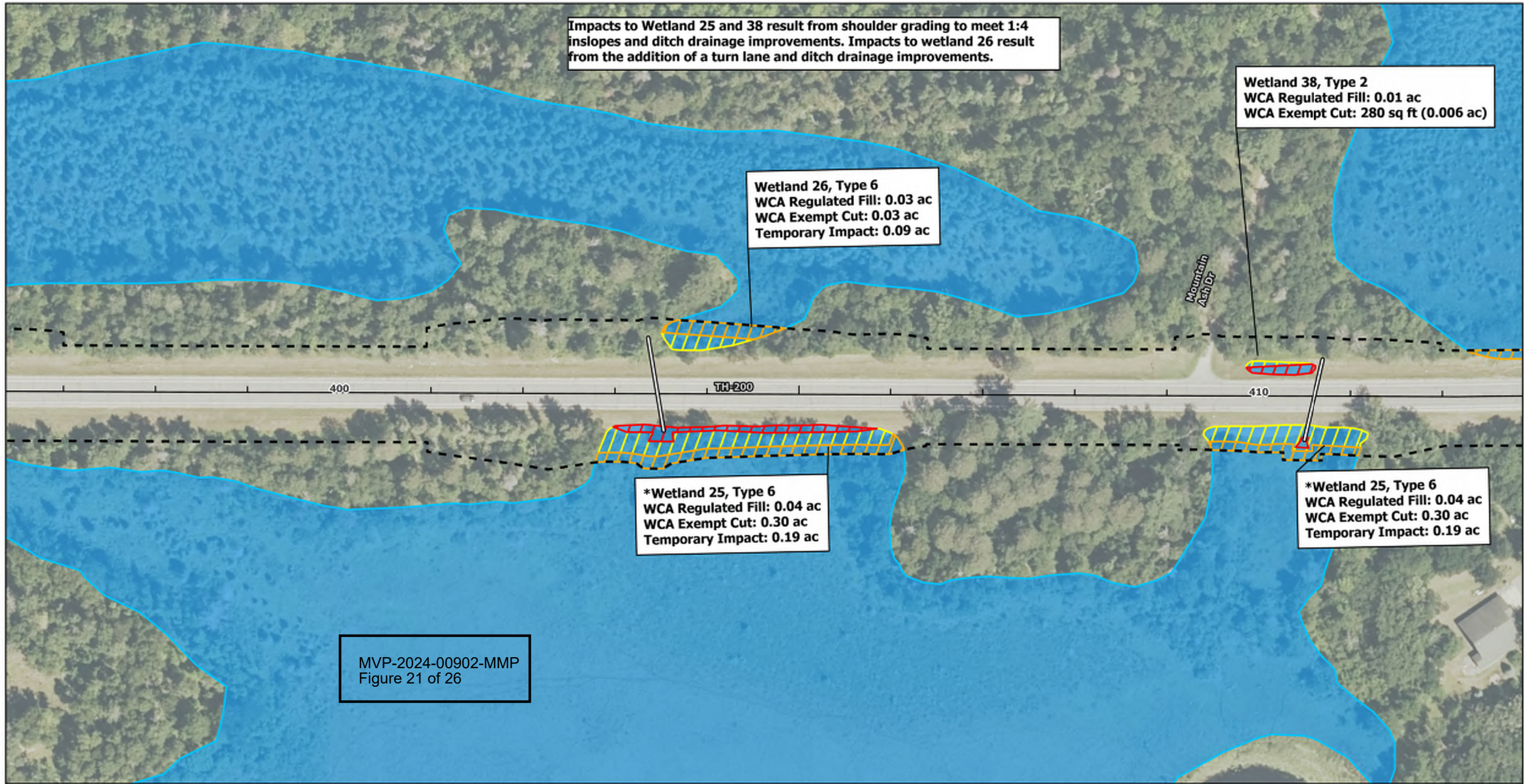
Delineated Resource Impacts

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0 50 100 Feet



Delineated Resource Impacts - 18 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

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0 50 100 Feet

Impacts to Wetland 27 and 28 result from shoulder grading to meet 1:4 inslopes and ditch drainage improvements.

Wetland 38, Type 2
WCA Regulated Fill: 0.01 ac
WCA Exempt Cut: 280 sq ft (0.006 ac)

Wetland 27, Type 6
WCA Regulated Fill: 160 sq ft (0.004 ac)
WCA Exempt Cut: 0.12 ac
Temporary Impact: 0.30 ac

Wetland 27, Type 6
WCA Regulated Fill: 160 sq ft (0.004 ac)
WCA Exempt Cut: 0.12 ac
Temporary Impact: 0.30 ac

*Wetland 28, Type 2
WCA Regulated Fill: 0.34 ac
WCA Exempt Cut: 0.53 ac
Temporary Impact: 0.65 ac

*Wetland 28, Type 2
WCA Regulated Fill: 0.34 ac
WCA Exempt Cut: 0.53 ac
Temporary Impact: 0.65 ac

*Wetland 25, Type 6
WCA Regulated Fill: 0.04 ac
WCA Exempt Cut: 0.30 ac
Temporary Impact: 0.19 ac

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Figure 22 of 26



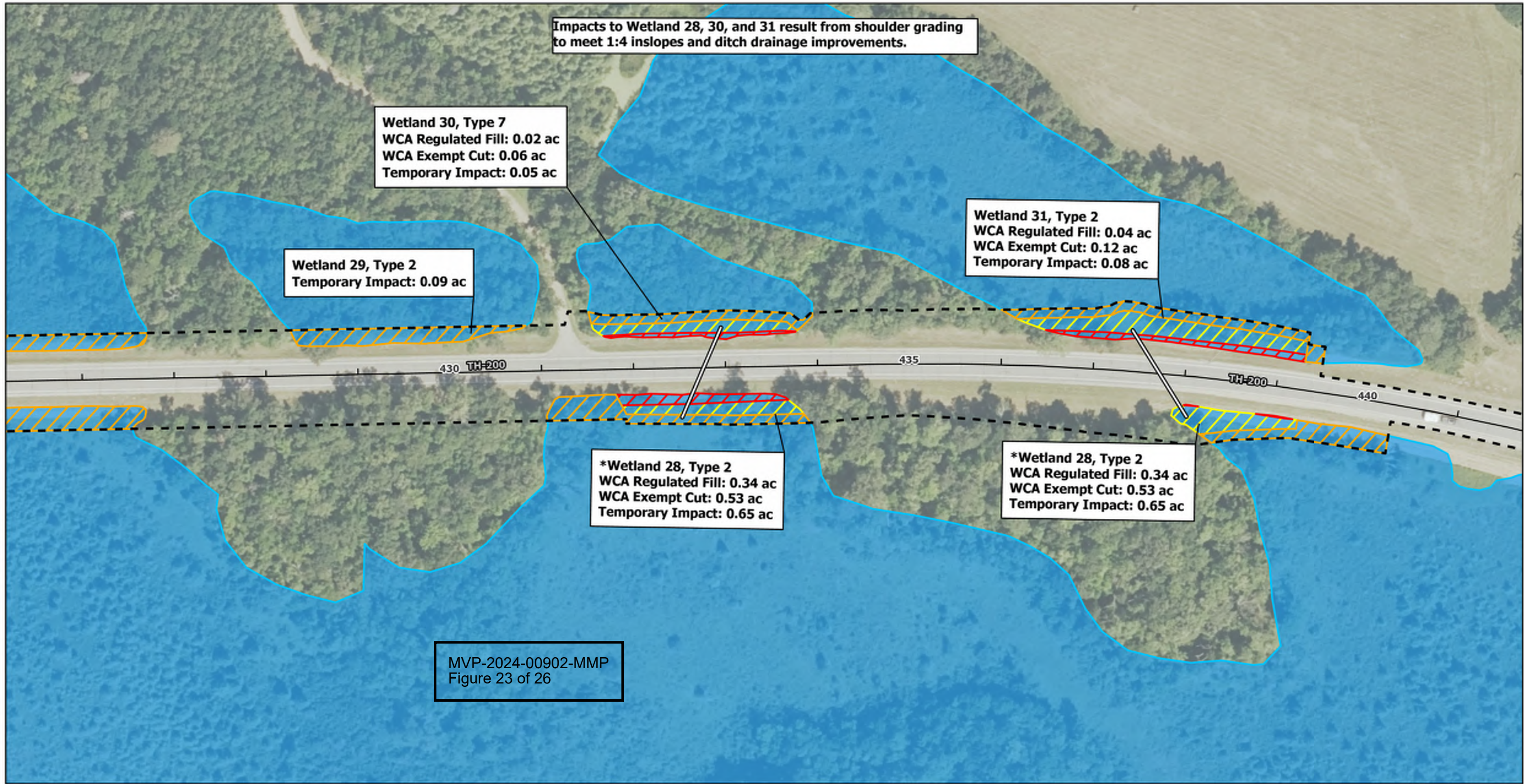
Delineated Resource Impacts - 19 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

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Delineated Resource Impacts - 20 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

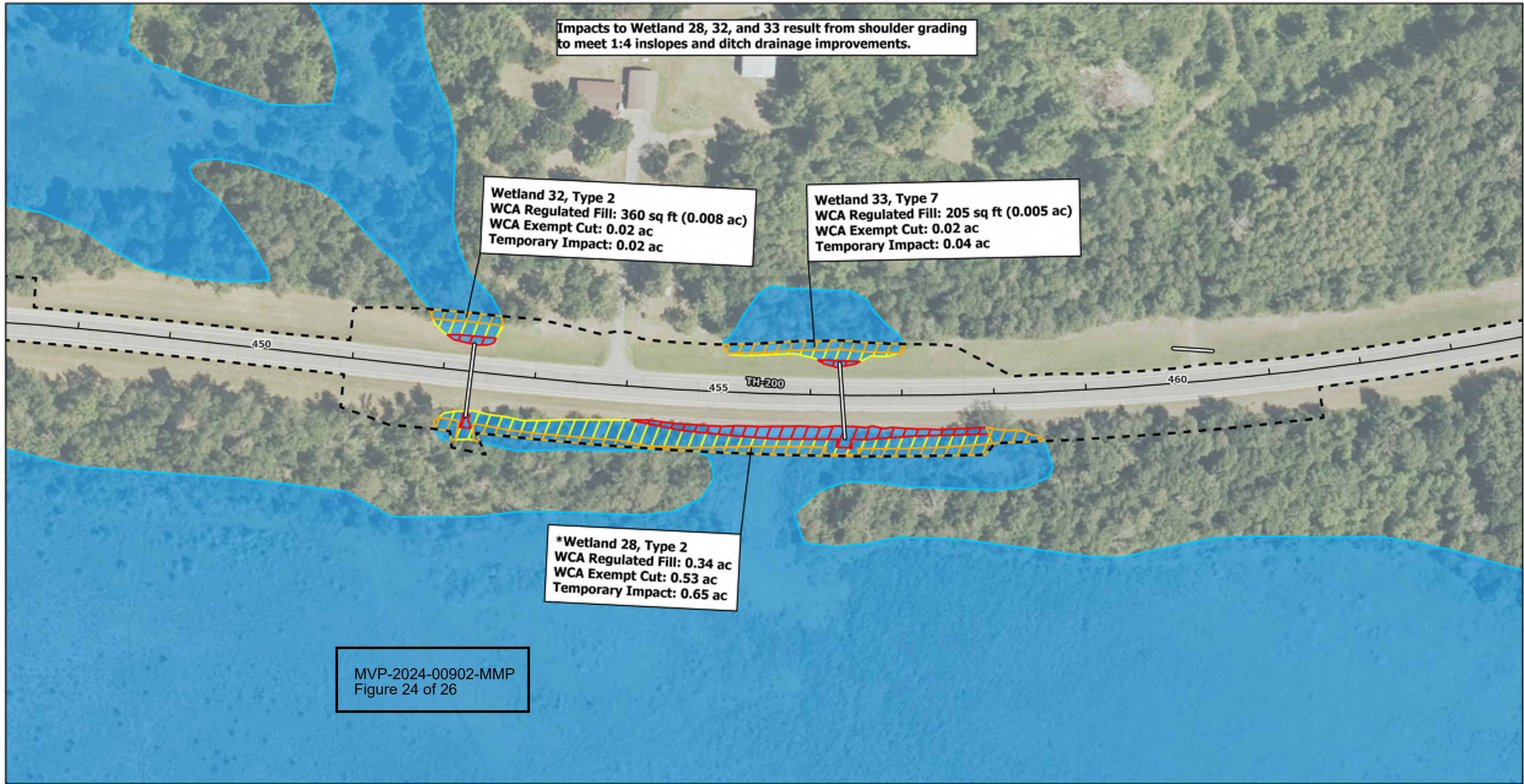
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N

0 50 100 Feet



Delineated Resource Impacts - 21 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

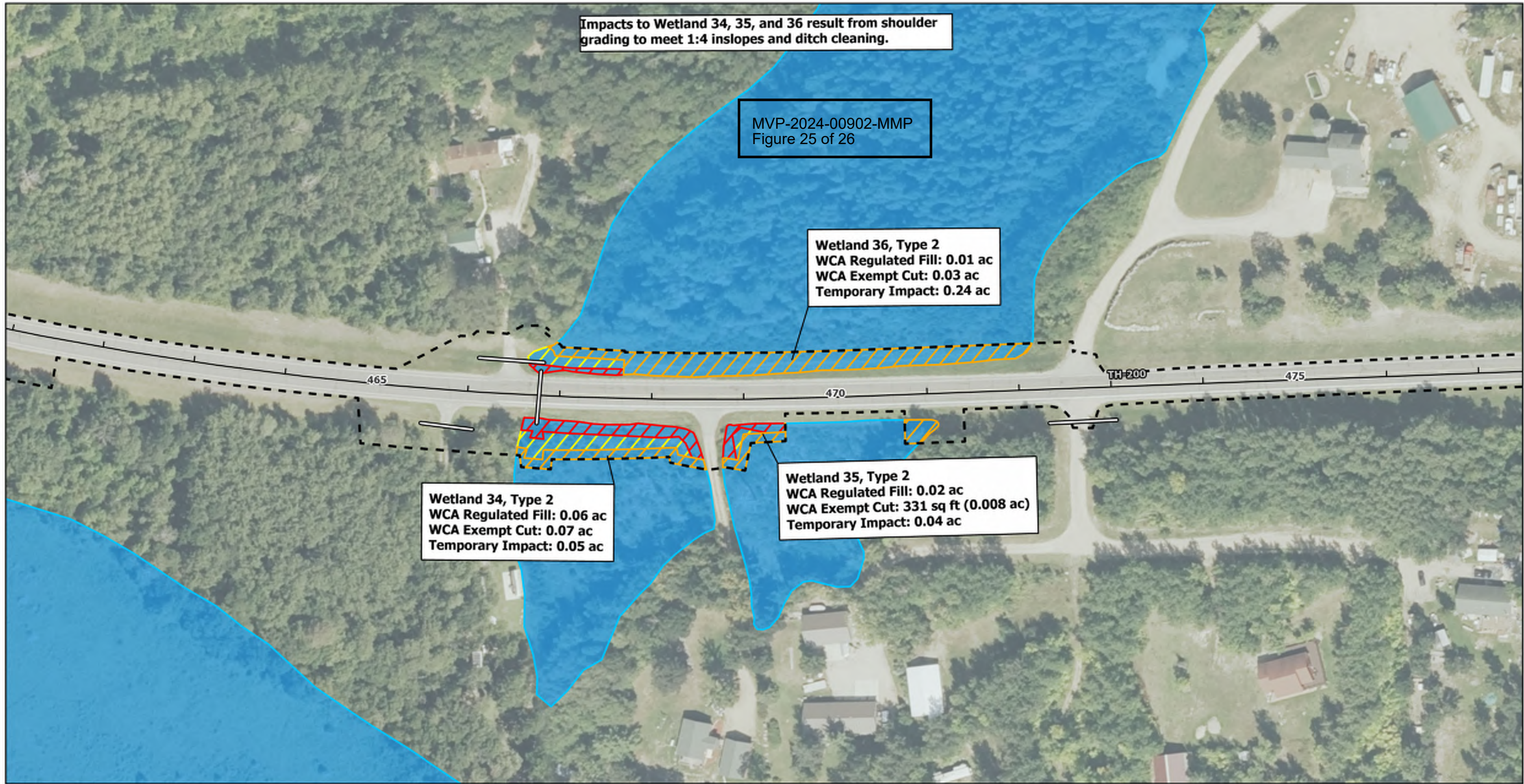
Delineated Resource Impacts

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0 50 100 Feet



Delineated Resource Impacts - 22 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

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N

0 50 100 Feet

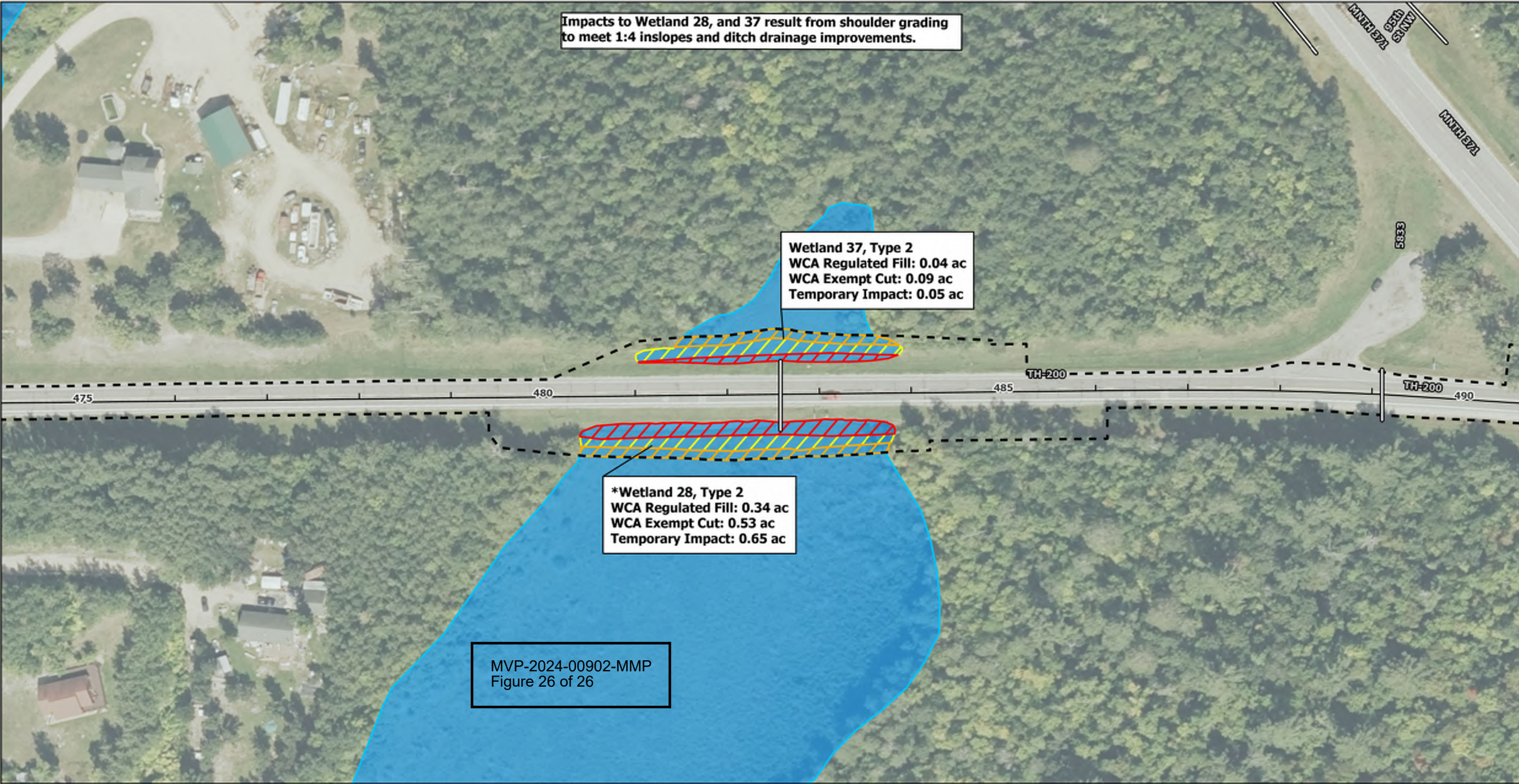
Aerial Imagery Courtesy of USDA NAIP (8/2/2023)

Impacts to Wetland 28, and 37 result from shoulder grading to meet 1:4 inslopes and ditch drainage improvements.

Wetland 37, Type 2
 WCA Regulated Fill: 0.04 ac
 WCA Exempt Cut: 0.09 ac
 Temporary Impact: 0.05 ac

*Wetland 28, Type 2
 WCA Regulated Fill: 0.34 ac
 WCA Exempt Cut: 0.53 ac
 Temporary Impact: 0.65 ac

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 Figure 26 of 26



Delineated Resource Impacts - 23 of 23

- Construction Limits
- Pipe
- Stream
- Wet Ditch
- Wetland
- Lake
- Leech Lake Reservation Boundary
- Cut
- Fill
- Temporary

Delineated Aquatic Resources

Delineated Resource Impacts

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N

0 50 100 Feet