

Date: January 27, 2022

Abbi Ginsberg  
Division Administrator  
Federal Highway Administration  
380 Jackson Street, Suite 500  
St. Paul, Minnesota 55101-2904

In reply refer to:

De Minimis Determination Notice of Intent Request for Mill Creek Aquatic Management Area  
S.P. 5505-27 (TH 30)

At Bridge #9008: From approximately 140 ft. west of Mill Creek Road N.E. (Station 869+50.00 - RP = 239+00.689) to the interchange of TH 30 and TH 52 (Station 880+92.05 - RP= 239+00.689) located within the city limits of Chatfield, Olmsted County

Attn: Abbi Ginsberg

MnDOT is requesting that FHWA issue a notice of intent to make a determination that the impacts of the above referenced project on the Department of Natural Resource's Aquatic Management Areas (AMA) would be de minimis.

Information supporting this request is presented below. The MnDNR response to the project Early Notification Memo (ENM) is included in the attachments, as Attachment 1, and the comments have been included throughout the document as well as in the mitigation measures in Section 5. The project schedule is included in the attachments, as Attachment 2.

#### **1. General Project Information**

**SP:** 5505-27

**Federal Project No.:** TBD

**Route:** TH 30

**From /To:** from approximately 140 feet west of Mill Creek Road N.E. (Station 869+50.00 - RP = 239+00.689) to the interchange of TH 30 and TH 52 (Station 880+92.05 - RP= 239+00.689) located within the city limits of Chatfield in Olmsted County.

**Description of Proposed Improvement:** The proposed project involves the replacement of Bridges #9008 and #9009 which are approaching the end of their useful service life. There is no Section 4(f) impact from bridge #9009 as neither the new bridge construction nor the project construction limits fall within the identified AMA at this location.

**Bridge #9008:** Built in 1956, this bridge is approximately 128.5 feet in length with a deck width of 34.5 feet. This in-place bridge consists of three spans of steel beams supported on two reinforced center concrete piers and a pair of reinforced concrete abutments. The bridge deck is cast-in-place concrete and bridge rails are reinforced concrete. Existing steel plate beam guard railing, located on all four corners of the bridge, are fastened to the concrete bridge rail. This bridge supports 2 lanes of traffic on

TH 30, a two-lane minor arterial with annual average daily traffic (AADT) of 1,100 (2018 counts) and a heavy commercial annual daily traffic (HCADT) of 80 (2018 counts) over Mill Creek (identified as a Trout Stream) within the city limits of Chatfield in Olmsted County.

Bridge #9008 will be replaced with Bridge #55082, a wider bridge with extended shoulders and sidewalks on both sides to accommodate bikes and pedestrians. Conversion of the roadway to an urban section beyond the bridge in both directions is planned from Mill Creek Road to the intersection of TH52. This conversion to an urban section will include sidewalks on both sides of the road from Mill Creek Rd to TH52. There are also plans in the City of Chatfield 2015 Comprehensive Plan, the latest comprehensive plan, ([www.ci.chatfield.mn.us/government/boards-commissions/planning-zoning-commission/comprehensive-plan](http://www.ci.chatfield.mn.us/government/boards-commissions/planning-zoning-commission/comprehensive-plan)) to include a future walking trail beneath the bridge that would be completed by the city of Chatfield. The proposed creek trail would extend the city trails in Mill Creek Park northward beyond city limits. MNDOT has had numerous conversations with the City of Chatfield regarding the future pedestrian trail under the proposed bridge. MnDOT has designed an adequate bench to accommodate the future trail once the City of Chatfield is ready to construct it (i.e. Chatfield has the funding, has constructed pedestrian trails to connect to the trail under the new bridge, etc). The proposed creek trail is shown in Attachment 3.

The proposed work that would be located within the AMA, involves modifying the stream alignment on essentially the same alignment for a short segment of Mill Creek (identified as a Trout Stream) directly north of the bridge to avoid further bank erosion. This will also help to minimize potential scouring around the new bridge piers and bridge abutment foundations. The existing road and bridge alignments, both vertically and horizontally, will remain basically as they were prior to construction. The pier locations may change slightly from their current location. Approach panels will be replaced along with required grading. All guardrail will be replaced at this location.

The Mill Creek AMA extends throughout the channel re-alignment construction limits of this project. Details of the bridge replacement and channel realignment are shown in **Attachment 3**. The AMA at this location is Mill Creek AMA subunit 7, subunit 15, and subunit 16 (see **Attachments 4, 5, and 6**, respectively). The location where the AMA and project construction limits overlap is shown on **Attachment 7**.

Mill Creek AMA is managed by DNR Fisheries. AMAs are established to protect, develop, and manage lakes, rivers, streams, and adjacent wetlands and lands that are critical for fish and other aquatic life, for water quality, and for their intrinsic biological value, public fishing, or other compatible outdoor recreational uses. The use type for the Mill Creek AMA is Easement (angling only). Easement AMAs are on private property and acquired specifically to allow public angling access. Pedestrian access to this AMA is provided from the Mill Creek Park located just off Division Street N.W. in Chatfield, Minnesota. All other activities outside of the easement would require landowner permission.

## 2. Project Manager

Name: Jake Gasper

Title: Project Manager

Address: 2900 48th Street NW, Rochester, MN 55903

Phone: (507) 286-7693

Email: [Jacob.Gasper@state.mn.us](mailto:Jacob.Gasper@state.mn.us)

### 3. Description of the Section 4(f) Property directly affected

**Name:** Mill Creek Aquatic Management Areas (AMA): Subunit 7 - (easement [angling only]), Subunit 15 - (easement [angling only]), and Subunit 16 - (easement [angling only])

**Total Size of AMA subunits affected (acres):** 13.47 acres (Subunit 7 (11.03 acres), Subunit 15 (1.9 acres) Subunit 16 (0.54)). The AMA is comprised of 16 subunits totaling 114.91 acres.

**Location:** Approximately 600 ft. west of the intersection of TH 30 and TH 52 located within the city limits of Chatfield in Olmsted County.

**Section 4(f) Property Owner/Manager:** Minnesota DNR

**Official(s) with Jurisdiction (OWJ):** Ann Pierce, Deputy Director  
Division of Ecological and Water Resources  
Address: 500 Lafayette Road - Box 25, St. Paul, MN 55155  
Phone: 651-259-5119  
Email: ann.pierce@state.mn.us

**Type of Section 4(f) Property:** Aquatic Management Area – Easement (angling only)

**Function of or Available Activities on the Property:** Angling only

**Description and Location of Existing and Planned Facilities:** The Mill Creek AMA is for the purpose of allowing access for anglers. No maintained trails or facilities are located throughout the AMA. The City of Chatfield has a vision for a future pedestrian trail under the proposed bridge, however the trail has not been designed and is currently not funded. MnDOT has designed an adequate bench to accommodate the future trail once the City of Chatfield is ready to construct it (i.e. Chatfield has the funding, has constructed pedestrian trails to connect to the trail under the new bridge, etc). Currently no other 4(f) or temporary occupancy coordination is occurring with the city.

**Access:** Pedestrian access to this AMA is provided from the Mill Creek Park located just off Division Street N.W. in Chatfield, Minnesota. There are plans to include a future walking trail beneath the bridge that would be completed by the city of Chatfield.

**Other Features or Attributes Important to the Section 4(f) resource:** Mill Creek is a designated trout stream with brown and rainbow trout found within the creek. Mill Creek produces some very large brown trout each year. Total brown trout adults have been estimated to be around 600 per mile within the 2005 habitat improvement project upstream of County Road 30. Numbers of brown trout greater than 12 inches per mile was 85 in the last assessment and has increased steadily since 2005. (<https://www.dnr.state.mn.us/streamfind/stream.html?id=M-009-034>). This AMA was established as an angling easement to meet public fishing needs.

### 4. Impacts to the Section 4(f) Property

**Total amount of AMA impacted (acres):** Approximately 13.47 acres (total of the 3 AMA subareas)

**Permanent ROW acquisition:** Approximately 0.27 acre This is in the form of fee acquisition for an existing TH 30 ROW easement. Current use of the area will not change with the permanent acquisition.

**Temporary ROW easements:** Approximately 0.11 acre

**Amount of AMA within MnDOT construction limits (acres):** Approximately 1.27 acres

**Functions/Activities Affected:** The proposed work involves approximately **0.11** acre of temporary easement and **0.27** acre of permanent acquisition of the AMA located on Mill Creek just beneath

existing bridge #9008 on TH 30. The proposed project areas extend approximately **223** feet beyond the edge of the roadway to the north of the bridge and approximately **205** feet to the south. The proposed temporary easement areas, to the north of the bridge, extend approximately **49** feet beyond the west edge of the MnDOT ROW and approximately 42 feet east of east side of the MnDOT ROW and approximately **11** feet beyond the east edge of the MnDOT ROW south of the bridge. The temporary easement areas, fee acquisition area, and construction limits within the AMA are shown in **Attachment 7**. These areas are needed for channel realignment, to improve slope stability and to prevent channel flows from further eroding the existing banks and to prevent erosion and scour damage from occurring at the new bridge channel piers and bridge abutments. This channel realignment will not affect the Mill Creek AMA's functions and activities.

The potential exists for sediment or debris to enter the stream during bridge replacement. To mitigate for this, BMPs will be put in place for pollution and erosion prevention and sediment control. Debris will not be allowed to drop into the water. Methods to contain materials and dust will be undertaken. These will be detailed in the standard and special provisions as well as the stormwater pollution prevention plan (SWPPP) in the project proposal and plan. The construction contractor will be required to complete the application for coverage under the State of Minnesota Construction Stormwater General Permit, MNR100001, which is part of the National Pollutant Discharge Elimination System (NPDES) and the State Disposal System (SDS) Program. The channel realignment should ultimately result in less sediment entering the stream due to a decrease in erosion and bridge scour.

**Facilities Affected:** Since there are no facilities located within the Mill Creek AMA, the proposed project will not affect any facilities.

**Access Affected:** Access to the AMA through MnDOT ROW will be closed during project construction due to safety concerns. Once project construction has finished, access to the AMA will return to previous existing conditions.

**Other Features or Attributes Affected:** None

## 5. Considerations in consultation with the OWJ

### **Impact avoidance:**

Complete avoidance of all impacts to the Mill Creek AMA is only possible if no work is allowed to occur at this location. This would require MnDOT to continue to use the aging bridge that has begun to show signs of deterioration and has approached the end of its useful service life. The continued use of existing bridge #9008 could lead to bridge failure and possibly road failure, creating unsafe conditions and potentially more extensive impacts to the resource.

### **Planning to minimize harm:**

All mitigation and commitments listed in the ENM response from Peter Leete, MnDNR, (**Attachment 1**), will be incorporated into the plans and provisions for this project and followed during construction.

A Public Waters Permit will be obtained and work exclusion dates, which were provided by the DNR, for Mill Creek. Construction and demolition methods for both bridges will be submitted to the DNR for

review and approval. A SWPPP will be prepared for this project. The project will be reviewed at a later date for authorization under General Permit (GP) #2004-0001. This is the DNR GP for MnDOT bridge or culvert work. Construction and demolition methods will be submitted to the DNR for review and approval at a later date also. This is normal procedure for bridge projects as construction methods are not finalized until a contractor is chosen. Construction contractors will be made aware of this condition as they will be held responsible for compliance to BMPs, and conditions set out in these documents.

All solid waste produced during this project, including bridge demolition debris will be disposed of by the contractor at a Minnesota Pollution Control Agency (MPCA) permitted Mixed Solid Waste Disposal Facility per project Special Provisions. MnDOT does not allow contractors to leave demolition debris in water ways.

Where and when possible, construction equipment will be limited to only areas requiring excavation and grading. This will minimize equipment tracking and disturbance in the AMA areas. Redundant perimeter control BMPs will be used within the AMA areas to ensure that sediment from the work site is not allowed to track into the AMA areas during large storm runoff events. The working limits and perimeter control BMPs will be set as closely to the construction limits as possible to reduce the area exposed to storm runoff, and stabilization of the disturbed soils will be initiated immediately after construction has temporarily or permanently ceased in the work location. Contractors will be required to maintain, repair, or replace any erosion or perimeter control BMPs as soon as they become non-functional or if sediment has reached  $\frac{1}{2}$  the height of the BMP.

**Mitigation:**

- Areas of disturbed soil shall be stabilized as soon as possible.
- Disturbed areas will be revegetated with native species that are suitable to the local habitat.
- Erosion control blanket will be limited to bio-netting and/or natural netting types.
- Measures will be implemented to prevent the spread of invasive species.
- All channel work shall be completed outside of the trout stream exclusion dates (October 15<sup>th</sup> to April 15<sup>th</sup>) for Mill Creek. An exclusion date of March 1 through June 1 will be used for North Branch of the Root River.
- All equipment intended for use at a project site shall be free of prohibited invasive species and aquatic plants prior to being transported into or placed into Mill Creek, an identified State Waters.
- Changes to the existing flowline, gradient or alignment of Mill Creek shall be consistent with the Water Level Control and Fish Passage conditions authorized by the DNR Transportation Hydrologist or Area Hydrologist.

**Enhancement:**

The City of Chatfield has a future trail beneath the bridge. The planned trail facility would provide better public access to the AMA.

**6. Coordination with Responsible OWJ Over the Section 4(f) Property:**

<b><i>Date</i></b>	<b><i>Agency/Organization, Personnel, and their Position</i></b>	<b><i>Discussion description</i></b>	<b><i>Conclusions</i></b>
<i>June 24th, 2020</i>	<i>Aaron Breyfogle MnDOT PM and Peter Leete MnDOT/DNR Liaison.</i>	<i>Aaron sent Geometric Layout update with stream modifications nears and within the Mill Creek AMA for DNR review and comment.</i>	<i>Peter responded 7/28/20 to email with concurrence the stream still looked similar to previous discussions, but recommended a meeting soon with others from DNR/MnDOT</i>
<i>September 30<sup>th</sup>, 2020</i>	<i>Leete, Peter (DOT) Nobach, Christopher (DOT) Mansfield, Sonya (DOT) Langlie, Kristoffer (DOT) Gregor, Nathan (DOT) Kempinger, Michael (DOT) Ryan, Aislyn (DOT) Benjamin, Ronald (DNR) Benjamin, Ronald (DNR) Pass, Scott (DOT)</i>	<i>Meeting between DNR and MnDOT personnel regarding slopes of the creek bank, benches, specific items to include within stream, and how to tie into previous DNR work done up and down stream of this location.</i>	<i>MnDOT to modify slopes as discussed in meeting. More research needed on previous DNR project upstream to properly tie into and provide similar stream features.</i>
<i>October 28<sup>th</sup>, 2020</i>	<i>Breyfogle, Aaron (DOT) Leete, Peter (DOT) Benjamin, Ronald (DNR) Wendel, Jamison L (DNR) Benjamin, Ronald (DNR) Woldeamlak, Solomon (DOT) Nobach, Christopher (DOT) Kempinger, Michael (DOT) Mansfield, Sonya (DOT) Gregor, Nathan (DOT) Langlie, Kristoffer (DOT) Pass, Scott (DOT) Yang, Scott (DOT) Anderson, Kjersti (DOT)</i>	<i>Meeting between DNR and MnDOT as follow up to 9/30/20 meeting.</i>	<i>MnDOT to survey existing riffles, DNR requested MnDOT to blend stream alignment sooner to existing centerline and to use upstream DNR project as guide to stream width.</i>
<i>November 18<sup>th</sup>, 2020</i>	<i>Breyfogle, Aaron (DOT) Leete, Peter (DOT) Benjamin, Ronald (DNR) Wendel, Jamison L (DNR) Wagner, Melissa (DNR) Lehman, Nicole (DNR) Woldeamlak, Solomon (DOT) Ryan, Aislyn (DOT)</i>	<i>Aaron sent email to group summarizing requested changes made by DNR to MnDOT and provided the resulting cross sections, elevation profile and</i>	<i>No additional comments provided by group as a consensus on stream design had been reached.</i>

<b><i>Date</i></b>	<b><i>Agency/Organization, Personnel, and their Position</i></b>	<b><i>Discussion description</i></b>	<b><i>Conclusions</i></b>
	<i>Nobach, Christopher (DOT) Kempinger, Michael (DOT) Mansfield, Sonya (DOT) Gregor, Nathan (DOT) Langlie, Kristoffer (DOT) Pass, Scott (DOT) Yang, Scott (DOT) Anderson, Kjersti (DOT)</i>	<i>horizontal alignment of stream. Aaron requested any additional comments be sent by 11-25-20.</i>	

If after consideration of the information presented in this letter, FHWA intends make a de minimis determination, conditioned upon consideration of any comments received during the required 14-day public comment period, please indicate by signature below. MnDOT will transmit a copy of this signed letter to the OWJ as notice of FHWA's intent to make a de minimis finding.

A notice describing the proposed impacts to the Mill Creek AMA will be published in the local newspaper for 14 days. Furthermore, the notice will be published on the project website and local notice boards. The de minimis process, including correspondence related to FHWA's intent to make a de minimis determination, comments received on the notice of FHWA's intent to make a de minimis determination, FHWA's final de minimis determination, and the OWJ's final concurrence will be reported in the Categorical Exclusion document.

Sincerely,

Jake Gasper  
MnDOT Project Manager  
District 6

CC: Ann Pierce – Deputy Director, Division of Ecological and Water Resources, DNR  
Ronald Benjamin – Lanesboro Area Fisheries Supervisor, DNR  
Melissa Collins – Regional Environmental Assessment Ecologist, DNR  
Peter Leete – MnDOT Liaison, DNR  
Patty Fowler – MnDOT Liaison, DNR  
Lisa Elliott – Environmental Review Program, MnDOT OES  
Martha Vickery - Central Region DNR Lands and Minerals Divisions

**FHWA Intent to Make a De Minimis Determination conditioned on results of public notice and comment period:**

**FHWA Engineer** \_\_\_\_\_ **Date** \_\_\_\_\_

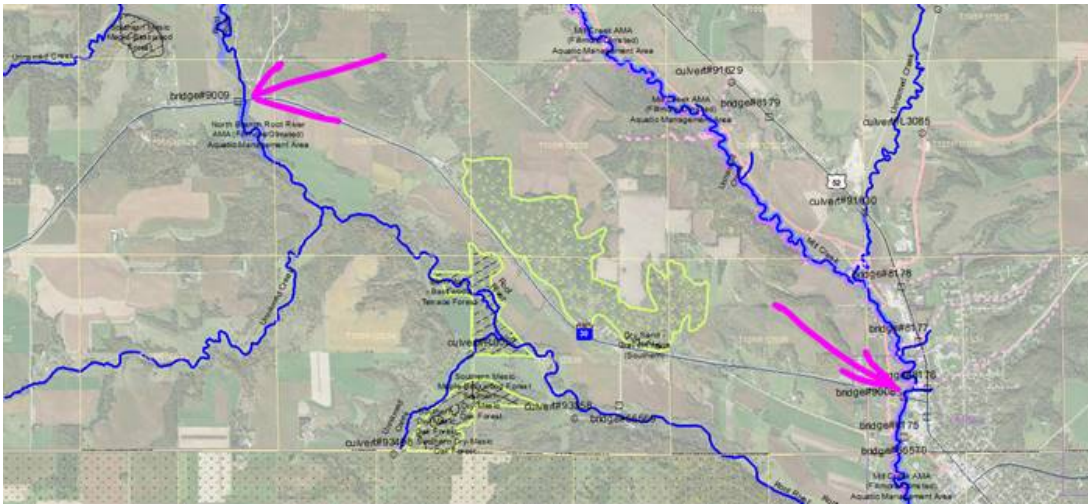
Attachments:

1. MnDNR ENM Response
2. Project Schedule
3. City of Chatfield 2015 Comprehensive Plan, Map 6 Trail Map
4. Layout of new Bridge #55082 (current Bridge #9008) and Channel Re-alignment of Mill Creek
5. MnDNR Mill Creek AMA subunit 7 – easement (angling only)
6. MnDNR Mill Creek AMA subunit 15 – easement (angling only)
7. MnDNR Mill Creek AMA subunit 16 – easement (angling only)
8. Mill Creek AMA , Temporary Easement, Fee Acquisition, and MnDOT construction limits at new Bridge #55082 (current Bridge #9008)

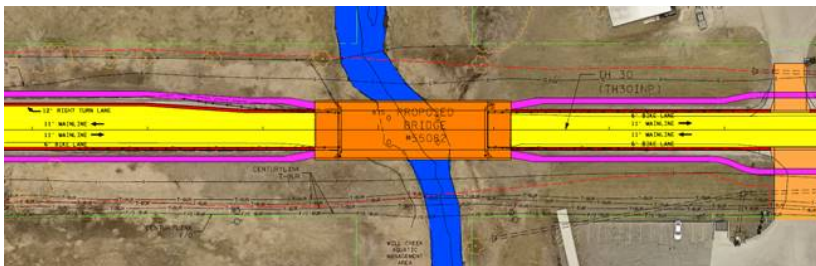


This email is the DNR response for your project records. I have not sent this Early Notification Memo (ENM) out for full DNR review. For MnDOT planning purposes, embedded in this email are maps of the project area showing nearby locations of DNR areas concern (if they exist), such as Public Waters (in blue), waterbodies designated as infested with aquatic invasive species (AIS), snowmobile Trails (in pink), and various green shaded polygons for Sites of Biodiversity Significance. These maps may be shared or included in project documentation, as all information is from publically available data layers.

The following comments are based on information provided in the submitted documents regarding the proposed replacement of two bridges (bridge #9008 and #9009) on TH30 near Chatfield, Olmstead County.



1. Both bridge are crossings of DNR Public Waters, as such a Public Waters Work Permit will be required for this project.
  - Bridge 9008 over Mill Creek is within the city limits of Chatfield will be replaced with a wider bridge to accommodate bikes on both shoulders and sidewalks on both sides of the bridge to accommodate pedestrians. There is also planned to be enough area under the bridge to accommodate a future trail to be completed by the city of Chatfield. Conversion of the roadway to an urban section beyond the bridge in both directions is planned from Mill Creek Rd to the intersection of TH52. This conversion to an urban section will include sidewalk on both sides of the road from Mill Creek Rd to TH52.



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The project will be reviewed at a later date for authorization under General Permit (GP) #2004-0001. This is the DNR GP for MnDOT Bridge or culvert work. As the project moves forward, design of the crossing should meet the conditions listed in the GP. A copy is attached, please review all the conditions of this permit and integrate their requirements into project design. Items to incorporate into design and construction are summarized below. Additional information, including options on how to meet the conditions of the GP are presented in the collection of 'Best Practices for Meeting GP 2004-0001', at [http://www.dnr.state.mn.us/waters/watermgmt\\_section/pwpermits/gp\\_2004\\_0001\\_manual.html](http://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/gp_2004_0001_manual.html).

- a. We typically limit work in the water (Work Exclusion dates) to allow for undisturbed fish migration and spawning.
  - Mill Creek is a Designated trout stream. Work Exclusion dates at this location are October 15 through April 15.
  - North Branch of the Root River. Work Exclusion dates at this location are March 1 through June 1.

Also, please be aware that the MPCA NPDES general permit for authorization to discharge stormwater associated with construction activities (permit MN R10001) recognizes the DNR "work in water restrictions" during specified fish migration and spawning time frames for areas adjacent to water. During the restriction period, all exposed soil areas that are within 200 feet of the water's edge and drain to these waters, must have erosion prevention stabilization activities initiated immediately after soil disturbing activity has ceased, be completed within 24 hours, and maintained for the duration.

- b. Construction and demolition methods shall be submitted for review and approval at a later date. See the GP2004-0001 condition 'TEMPORARY IMPACTS DURING CONSTRUCTION' and items 'A' through 'L' for subjected conditions. This is normal procedure for bridge or culvert projects as we recognize that construction methods are not finalized until a contractor is chosen. Construction contractors shall be made aware of this condition as they may be held responsible for compliance.
  - c. Both sites are likely to have existing natural vegetation. Revegetation of disturbed soils should include native mixes in areas that are not proposed for mowed turf grass. Please utilize the native recommendations developed by BWSR ([http://www.bwsr.state.mn.us/native\\_vegetation/](http://www.bwsr.state.mn.us/native_vegetation/)) or MnDOT in the 'Vegetation Establishment Recommendations' – (<http://www.dot.state.mn.us/environment/erosion/seedmixes.html>).
  - d. Erosion Control Materials. Due to entanglement issues with small animals, use of erosion control blanket shall be limited to 'bio-netting' or 'naturalnetting' types, and specifically not products containing plastic mesh netting or other plastic components. These are Category 3N or 4N in the 2016 & 2018 MnDOT Standards Specifications for Construction. Be aware that hydro-mulch products may contain small plastic fibers to aid in its matrix strength. These loose fibers could potentially re-suspend and make their way into Public Waters. Please review mulch products and not utilize any materials with plastic fiber additives in areas that drain to Public Waters.
  - e. Passage benches are a standard feature in MnDOT bridge riprap, though both these locations should have care in their design.
  - f. The North Branch Root River and Mill Creek are both managed as Aquatic Management Areas (AMA). These are managed by DNR Fisheries. AMA's are established "to protect, develop, and manage lakes, rivers, streams, and adjacent wetlands and lands that are critical for fish and other aquatic life, for water quality, and for their intrinsic biological value, public fishing, or other compatible outdoor recreational uses. This may factor in to design, demolition, and construction of these bridges.
2. The Minnesota Natural Heritage Information System (NHIS) has been queried to determine if any rare plant or animal species, native plant communities, or other significant natural features are known to occur within an approximate one-mile radius of the project area. There were rare features identified in this query. In order to prevent the inadvertent release of the location of specific listed or rare species contained in the NHIS, I have not identified the species or their location on the attached 'DNRbasemap.pdf'. If these details are needed for documentation, please contact me. Please note that the following rare features were identified in the query and **may** be impacted by the proposed project. Suggested avoidance and/or protection measures are also identified:
- a. The North Branch Root River (Bridge #9009) has several rare aquatic species documented in the area, including at least one state-listed Threatened mussel species. Due to their inability to move out of harm's way, mussels are particularly vulnerable to bridge demolition/construction, and the associated deterioration in water quality, especially increased siltation. It is important that stringent pollutant containment, along with erosion prevention and sediment control practices be implemented and maintained near the river. A mussel survey will be required prior to the onset of construction. The MnDOT Office of Environmental Stewardship (OES) is aware of this requirement. Contact Beth Brown (at 651-366-4297 or [elizabeth.a.brown@state.mn.us](mailto:elizabeth.a.brown@state.mn.us)) for coordination of survey requirements and timing. Discussions on avoidance, minimization, relocation and/or mitigation of impacts will need occur after a full survey has been conducted.
  - b. The northern long-eared bat (*Myotis septentrionalis*), federally listed as threatened and state-listed as special concern, can be found throughout Minnesota. During the winter this species hibernates in caves and mines, and during the active season (approximately April-October) it roosts underneath bark, in cavities, or in crevices of both live and dead trees. Pup rearing is during June, July, and early August. Activities that may impact this species include, but are not limited to, any disturbance to hibernacula and destruction/degradation of habitat (including tree removal).

The U.S. Fish and Wildlife Service (USFWS) has published a final 4(d) rule that identifies prohibited take. To determine whether you need to contact the USFWS, please refer to the USFWS Key to the Northern Long-Eared Bat 4(d) Rule (see links below). However, MnDOT projects should be coordinated with MnDOT Wildlife Ecologist Chris Smith at 651-366-3605 or [christopher.e.smith@state.mn.us](mailto:christopher.e.smith@state.mn.us) regarding protection measures or enhancement opportunities measures for this species

Please note that the NHIS does not contain any known occurrences of northern long-eared bat roosts or hibernacula within an approximate one-mile radius of the proposed project.

Links: USFWS Key to the Northern Long-Eared Bat 4(d) Rule for Non-Federal Activities

<http://www.fws.gov/midwest/endangered/mammals/nleb/KeyFinal4dNLEB.html>

USFWS Key to the Northern Long-Eared Bat 4(d) Rule for Federal Actions

<http://www.fws.gov/midwest/endangered/mammals/nleb/KeyFinal4dNLEBFedProjects.html>

USFWS Northern Long-eared Bat Website

<http://www.fws.gov/midwest/endangered/mammals/nleb/index.html>

USFWS Northern Long-eared Bat Fact Sheet

<http://www.fws.gov/midwest/endangered/mammals/nleb/nlebFactSheet.html>

The Natural Heritage Information System (NHIS) is not an exhaustive inventory and thus does not represent all of the occurrences of rare features within the state. If information becomes available indicating additional listed species or other rare features, further review may be necessary.

This ENM has not been circulated to DNR field staff for comment. I will let you know if any additional comments on design requirements are returned to me due to this email.

DNR folks, if I've missed anything, or have any suggestions for MnDOT to consider, please respond ASAP to Aaron, and myself.

Peter Leete

Transportation Hydrologist (DNR-MnDOT Liaison) | Division of Ecological & Water Resources

Minnesota Department of Natural Resources

Office location: MnDOT Office of Environmental Stewardship

395 John Ireland Blvd., MS 620

St. Paul, MN 55155

Phone: 651-366-3634

Email: [peter.leete@state.mn.us](mailto:peter.leete@state.mn.us)





## MINNESOTA DEPARTMENT OF NATURAL RESOURCES

**Limited/Amended**  
**Public Waters Work General**  
**Permit**

**Expiration Date: 11/27/2018**

**General Permit Number**  
**2004-0001**

Pursuant to Minnesota Statutes, Chapter 103G, and on the basis of statements and information contained in the permit application, letters, maps, and plans submitted by the applicant and other supporting data, all of which are made part hereof by reference, **PERMISSION IS HEREBY GRANTED** to the applicant to perform actions as authorized below. This permit supersedes the original permit and all previous amendments.

<b>Project Name:</b> MNDOT Statewide General Permit	<b>County:</b> All counties in Minnesota	<b>Watershed:</b> All watersheds in Minnesota	<b>Resource:</b> All waters shown on the Public Waters Inventory	
<b>Purpose of Permit:</b> Bridge, culvert, or stormwater outfall repair or replacement.		<b>Authorized Action:</b> Upon notification of approval by the DNR Transportation Hydrologist or Area Hydrologist, replace or repair of bridges, culverts, riprap, or stormwater outfalls on Public Waters, where all conditions and provisions specified herein are met.		
<b>Permittee:</b> MN DEPARTMENT OF TRANSPORTATION CONTACT: CLARKOWSKI, LYNN, (651) 366-3602 OFFICE OF ENVIRONMENTAL STEWARDSHIP 395 JOHN IRELAND BLVD, MS 620 ST. PAUL, MN 55155 (651) 366-3600		<b>Authorized Agent:</b> N/A		
<b>Property Description (land owned or leased or where work will be conducted):</b> The Permittee or its authorized agent must own, control, or have permission to access and use all lands affected by the project.				
<b>Authorized Issuer:</b> Tom Hovey	<b>Title:</b> Water Regulations Unit Supervisor	<b>Issued Date:</b> 11/27/2013	<b>Effective Date:</b> 11/27/2013	<b>Expiration Date:</b> 11/27/2018

This permit is granted **subject to the following CONDITIONS:**

**APPLICABLE FEDERAL, STATE, OR LOCAL REGULATIONS:** The permittee is not released from any rules, regulations, requirements, or standards of any applicable federal, state, or local agencies; including, but not limited to, the U.S. Army Corps of Engineers, Board of Water and Soil Resources, MN Pollution Control Agency, watershed districts, water management organizations, county, city and township zoning.

**NOT ASSIGNABLE:** This permit is not assignable by the permittee except with the written consent of the Commissioner of Natural Resources.

**NO CHANGES:** The permittee shall make no changes, without written permission or amendment previously obtained from the Commissioner of Natural Resources, in the dimensions, capacity or location of any items of work authorized hereunder.

**SITE ACCESS:** The permittee shall grant access to the site at all reasonable times during and after construction to authorized representatives of the Commissioner of Natural Resources for inspection of the work authorized hereunder.

**TERMINATION:** This permit may be terminated by the Commissioner of Natural Resources at any time deemed necessary for the conservation of water resources of the state, or in the interest of public health and welfare, or for violation of any of the conditions or applicable laws, unless otherwise provided in the permit.

## GENERAL PERMIT CONDITIONS *(Continued from previous page)*

**COMPLETION DATE:** Construction work authorized under this permit shall be completed on or before the date specified above. The permittee may request an extension of the time to complete the project by submitting a written request, stating the reason thereof, to the Commissioner of Natural Resources.

**WRITTEN CONSENT:** In all cases where the permittee by performing the work authorized by this permit shall involve the taking, using, or damaging of any property rights or interests of any other person or persons, or of any publicly owned lands or improvements thereon or interests therein, the permittee, before proceeding, shall obtain the written consent of all persons, agencies, or authorities concerned, and shall acquire all property, rights, and interests needed for the work.

**PERMISSIVE ONLY / NO LIABILITY:** This permit is permissive only. No liability shall be imposed by the State of Minnesota or any of its officers, agents or employees, officially or personally, on account of the granting hereof or on account of any damage to any person or property resulting from any act or omission of the permittee or any of its agents, employees, or contractors. This permit shall not be construed as estopping or limiting any legal claims or right of action of any person other than the state against the permittee, its agents, employees, or contractors, for any damage or injury resulting from any such act or omission, or as estopping or limiting any legal claim or right of action of the state against the permittee, its agents, employees, or contractors for violation of or failure to comply with the permit or applicable conditions.

**EXTENSION OF PUBLIC WATERS:** Any extension of the surface of public waters from work authorized by this permit shall become public waters and left open and unobstructed for use by the public.

**INVASIVE SPECIES - EQUIPMENT DECONTAMINATION:** All equipment intended for use at a project site must be free of prohibited invasive species and aquatic plants prior to being transported into or within the state and placed into state waters. All equipment used in designated infested waters, shall be inspected by the Permittee or their authorized agent and adequately decontaminated prior to being transported from the worksite. The DNR is available to train inspectors and/or assist in these inspections. For more information refer to the "Best Practices for Preventing the Spread of Aquatic Invasive Species" at [http://files.dnr.state.mn.us/publications/ewr/invasives/ais/best\\_practices\\_for\\_prevention\\_ais.pdf](http://files.dnr.state.mn.us/publications/ewr/invasives/ais/best_practices_for_prevention_ais.pdf). Contact your regional Invasive Species Specialist for assistance at [www.mndnr.gov/invasives/contacts.html](http://www.mndnr.gov/invasives/contacts.html). A list of designated infested waters is available at [http://files.dnr.state.mn.us/eco/invasives/infested\\_waters.pdf](http://files.dnr.state.mn.us/eco/invasives/infested_waters.pdf). A list of prohibited invasive species is available at [www.mndnr.gov/eco/invasives/laws.html#prohibited](http://www.mndnr.gov/eco/invasives/laws.html#prohibited).

**APPLICABLE PROJECTS:** This permit applies only to the replacement, reconstruction, or repair (including associated minor channel or shoreline work) of existing bridges, culverts, stormwater outfalls, or riprap in Public Waters that are designed under the supervision of a registered professional engineer. A project not meeting applicable conditions of this permit or a project the DNR identifies as having the potential for significant resource impacts, is not authorized herein. Rather, such projects will require an individual permit application.

**PROJECT AUTHORIZATION:** This permit provides conditions to aid project planning and facilitate initial design to streamline DNR regulatory approval. A project must be reviewed by the DNR Transportation Hydrologist through the MnDOT Early Notification Memo (ENM) process in order for it to qualify for authorization under this permit. The existing framework of MnDOT environmental review by the applicable DNR personnel will be utilized to review projects at the earliest possible stage for permit needs and additional conditions. Additional design information may be required of MnDOT during this process. If a project can not meet the conditions of this permit, a separate individual permit will be required. If emergency or unforeseen projects arise that can not include the framework of the ENM process, the permittee shall contact the DNR Transportation Hydrologist or Area Hydrologist immediately to provide details and discuss project design and applicable standards for authorization under this permit. Work shall not commence until written approval that the project will meet these (and any additional written) permit conditions is received from the applicable DNR Hydrologist.

**RESPONSIBILITY:** The permittee is responsible for satisfying all terms and conditions of this permit. When a project is awarded to a said third party (contractor) for work to be completed, the permittee may notify the DNR in order to administratively amend the project authorization form to include the said third party as a co-permittee for joint responsibility in compliance with this permit.

**ENVIRONMENTAL REVIEW:** If the bridge/culvert construction is part of a road project that requires mandatory environmental review pursuant to MN Environmental Quality Board rules, then this permit is not valid until environmental review is completed.

**DNR NOTIFICATION:** The permittee shall notify the DNR Transportation Hydrologist or Area Hydrologist at least five days in advance of the commencement of the work. An email notification of the pre-construction meeting will suffice for this notification.



## GENERAL PERMIT CONDITIONS *(Continued from previous page)*

**PHOTOS AND AS-BUILTS:** Upon completion of the authorized work, the permittee may be required to submit a copy of established benchmarks, representative photographs, and may be required to provide as-built surveys of Public Watercourse crossing changes.

**STATE & FEDERAL LISTED SPECIES PROHIBITION:** If there are unresolved concerns regarding impacts to federally or state listed species (endangered, threatened, or special concern), this general permit is not applicable, and the project must be submitted as a separate permit application. Compliance with DNR and federal guidelines established for a listed species (e.g. Topeka Shiner conditions) would constitute a resolved concern.

**PRELIMINARY ENGINEERING:** This permit authorizes preliminary engineering studies in the water associated with bridge planning (e.g., core sampling). All core holes must be sealed in accordance with Department of Health well sealing requirements. On designated infested waters, all equipment in contact with the water must be decontaminated per the Invasive Species condition.

**HYDROLOGIC/HYDRAULIC DATA REPORTING:** Unless waived by the DNR Transportation Hydrologist or Area Hydrologist, hydrologic modeling to show the impacts of the structure(s) on the 100-yr (1% chance) flood elevation is required. Calculations showing calculated velocities through the structures at 2-year peak flows may also be required.

**NAVIGATION MAINTAINED OR IMPROVED:** The structure's final design will not obstruct reasonable public navigation, as determined by the DNR. For bridges, three feet above the calculated 50-year flood stage ordinarily satisfies navigational clearance requirements. For culverts, three feet of clearance above the ordinary high water level (top of the bank) ordinarily satisfies navigational requirements.

**STATE TRAILS:** Projects proposed near an existing or proposed state trail system should be consistent therewith.

**FLOWLINE/GRADIENT NOT CHANGED:** Replacement of culverts or crossings are to follow (or be restored to) the natural alignment and profile of the stream. Changes from the existing flowline, gradient or alignment must be consistent with the Water Level Control and Fish Passage conditions and authorized by the DNR Transportation Hydrologist or Area Hydrologist.

**FLOOD STAGES/DAMAGES NOT INCREASED:** A. No approach fill for a crossing shall encroach upon a DNR approved community designated floodway. When a floodway has not been designated or when a floodplain management ordinance has not been adopted and approved, increases in flood stage in the regional flood of up to one-half of one foot shall be approved if they will not materially increase flood damage potential. Additional increases may be permitted if: a field investigation and other available data indicate that no significant increase in flood damage potential would occur upstream or downstream, and any increases in flood stage are reflected in the floodplain boundaries and flood protection elevation adopted in the local floodplain management ordinance as determined by the applicable DNR Hydrologist; B. If the existing crossing has a swellhead of one-half of one foot or less for the regional flood, the replacement crossing shall comply with the provisions for new crossings in (A). If the existing crossing has a swellhead of more than one-half of one foot for the regional flood, stage increases up to the existing swellhead may be allowed if field investigation and other available data indicate that no significant flood damage potential exists upstream from the crossing based on analysis of data submitted by the applicant. The swellhead for the replacement crossing may exceed the existing swellhead if it complies with the provisions found in (A) above.

**WATER LEVEL CONTROL:** Permittee is responsible for maintaining existing water level control elevations.

**FISH PASSAGE:** Bridges, culverts and other crossings shall provide for fish movement unless the structure is intended to impede rough fish movement, aquatic invasive species movement, or the stream has negligible fisheries value as determined by the Transportation Hydrologist or Area Hydrologist in consultation with the Area Fisheries Manager. The accepted practices for achieving these conditions include: A. Where possible a single culvert or bridge shall span the natural bankfull width adequate to allow for debris and sediment transport rates to closely resemble those of upstream and downstream conditions. A single culvert shall be recessed in order to pass bedload and sediment load. Additional culvert inverts should be set at a higher elevation. All culverts should match the alignment and slope of the natural stream channel, and extend through the toe of the road side slope. "Where possible" means that other conditions may exist and could take precedence, such as unsuitable substrate, natural slope and background velocities, bedrock, flood control, 100-yr (1% chance) flood elevations, wetland/lake level control elevations, local ditch elevations, and other adjacent features. B. Rock Rapids or other structures may be used to retrofit crossings to mimic natural conditions.

**TERRESTRIAL SPECIES MOVEMENT:** Structures shall not be detrimental to significant wildlife habitat. If the crossing is located at a significant wildlife travel corridor as determined by DNR Wildlife or Ecological & Water Resources staff, the

## GENERAL PERMIT CONDITIONS *(Continued from previous page)*

crossing shall be designed to minimize concerns. Typically this is accomplished with the presence of a walkable surface (dry ground) at normal flow conditions. For bridges this is known as a 'Passage Bench', which is incorporated into bridge abutment riprap. On multiple culvert installations, outer culvert inverts can be set at an elevation higher than normal flow to allow terrestrial species use during non-flood conditions. A Passage Bench design is incorporated into MnDOT Standard sheet (Figure 5-397.309) and available at <http://www.dot.state.mn.us/bridge/cadd/files/bdetailspart2/pdf/fig7309e.pdf>. Also see 'Passage Bench Design' as well as other species protection measures in Chapter 1 of the collection of "Best Practices for Meeting DNR General Public Waters Work Permit GP 2004-0001" [http://www.dnr.state.mn.us/waters/watermgmt\\_section/pwpermits/gp\\_2004\\_0001\\_manual.html](http://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/gp_2004_0001_manual.html).

**RESTORATION OF VEGETATION:** On areas of disturbed soil adjacent to Public Waters, final vegetation plans should include native species suitable to the local habitat. This may include trees, shrubs, grasses, and/or forbs. Also see MnDOT's "Native Seed Mix Design for Roadsides" <http://www.dot.state.mn.us/environment/erosion/pdf/native-seed-mix-dm.pdf>.

**TEMPORARY IMPACTS DURING CONSTRUCTION:** Construction methods not finalized at the time of project review shall be submitted for review and approval at a later date. Temporary work below the Ordinary High Water (OHW) elevation, such as channel diversions, placement of temporary fill, structures for work pads/dock walls, bypass roads, coffer dams, or staging areas to aid in the demolition or construction of any authorized structure shall be submitted for review and approval in writing by the DNR Transportation Hydrologist or Area Hydrologist prior to beginning work. This is normal procedure for bridge or culvert projects as we recognize that final project designs are often posted for bid without final construction/ demolition plans. The following conditions must be met:

**A. AQUATIC INVASIVE SPECIES - EQUIPMENT DECONTAMINATION:** All equipment intended for use at a project site must be free of prohibited invasive species and aquatic plants prior to being transported into or within the state and placed into state waters. All equipment used in designated infested waters, shall be inspected by the Permittee or their authorized agent and adequately decontaminated prior to being transported from the worksite. The DNR is available to train inspectors and/or assist in these inspections. For more information refer to the "Best Practices for Preventing the Spread of Aquatic Invasive Species" at [http://files.dnr.state.mn.us/publications/ewr/invasives/ais/best\\_practices\\_for\\_prevention\\_ais.pdf](http://files.dnr.state.mn.us/publications/ewr/invasives/ais/best_practices_for_prevention_ais.pdf). Contact your regional Invasive Species Specialist for assistance at [www.mndnr.gov/invasives/contacts.html](http://www.mndnr.gov/invasives/contacts.html). A list of designated infested waters is available at [http://files.dnr.state.mn.us/eco/invasives/infested\\_waters.pdf](http://files.dnr.state.mn.us/eco/invasives/infested_waters.pdf). A list of prohibited invasive species is available at [www.mndnr.gov/eco/invasives/laws.html#prohibited](http://www.mndnr.gov/eco/invasives/laws.html#prohibited).

**B. WORK EXCLUSION DATES FOR FISH SPAWNING AND MOVEMENT:** Work within Public Waters may be restricted due to fish spawning and migration concerns. Dates of fish spawning and migration vary by species and location throughout the state. Specific dates for each DNR Region may be found on page 3 of Chapter 1 of the manual: Best Practices for Meeting DNR General Waters Work Permit GP2004-0001. [http://www.dnr.state.mn.us/waters/watermgmt\\_section/pwpermits/gp\\_2004\\_0001\\_manual.html](http://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/gp_2004_0001_manual.html). Work in the water is not allowed within these dates. The DNR Transportation Hydrologist, Area Hydrologist, or Area Fisheries Supervisor shall be contacted about waiving work exclusion dates where work is essential or where MnDOT demonstrates that a project will minimize impacts to fish habitat, spawning, and migration.

**C. HYDROLOGIC MODELING:** Hydrologic modeling of temporary fill or temporary structures may be required by DNR Transportation Hydrologist or Area Hydrologist in order to evaluate impacts to the 100-yr (1% chance) flood elevation. Contingency plans may also be required to ensure all construction equipment and unsecured construction materials are moved out of the floodplain to prevent impacts to the 100-yr (1% chance) flood elevation or from being swept away by flood waters.

**D. TEMPORARY FILL:** If approved, temporary fill shall be free of organic material or any material that may cause siltation or pollute the waterbody. All such material shall be removed and the area restored to pre-existing profiles prior to project completion.

**E. WETLAND PROTECTION:** Should MnDOT or its contractors chose to do work in association with this project that is outside MnDOT project area right-of-way (EG excavation, grading, fill, vegetation alterations, utility installations, etc), they must obtain a signed statement from the property owner stating that permits required for work have been obtained or that a permit is not required, and mail a copy of the statement to the regional DNR Enforcement office where the proposed work is located. The Landowner Statement and Contractor Responsibility Form can be found at: <http://www.bwsr.state.mn.us/wetlands/wca/index.html#general>

**F. STORAGE/STOCKPILES:** Project materials must be deposited or stored in an upland area, in a manner where the

## GENERAL PERMIT CONDITIONS *(Continued from previous page)*

materials will not be deposited into the public water by reasonably expected high water or runoff.

**G. NAVIGATION:** All work on navigable waters shall be so conducted that free navigation of waterways will not be interfered with, except as allowed by permits issued by the proper public authority. See MnDOT Standard Specifications for Navigable Waters (spec #1709) of MnDOT Standard Specifications for Construction, 2005 edition, or its successor: <http://www.dot.state.mn.us/pre-letting/spec/2014/2014-Std-Spec-for-Construction.pdf>.

**H. EROSION PREVENTION AND SEDIMENT CONTROL:** In all cases, erosion prevention and sediment control methods that have been determined to be the most effective and practical means of preventing or reducing sediment from leaving the worksite shall be installed in areas that are within 200 feet of the water's edge and drain to these waters, and on worksite areas that have the potential for direct discharge due to pumping or draining of areas from within the worksite (EG coffer dams, temporary ponds, stormwater inlets). These methods, such as mulches, erosion control blankets, temporary coverings, silt fence, silt curtains or barriers, vegetation preservation, redundant methods, isolation of flow, or other engineering practices, shall be installed concurrently or within 24 hours after the start of the project, and shall be maintained for the duration of the project in order to prevent sediment from leaving the worksite. DNR requirements may be waived in writing by the authorized DNR staff based on site conditions, expected weather conditions, or project completion timelines.

**I. MPCA WATER QUALITY REQUIREMENTS:** MPCA administers the requirements of the National Pollutant Discharge Elimination System and the State Disposal System (NPDES/SDS) requirements. To ensure state water quality standards during construction are not violated, check with the MPCA Stormwater Program [www.pca.state.mn.us/stormwater](http://www.pca.state.mn.us/stormwater) for permit application requirements, pollution prevention guidance documents, and additional measures required for work in Special or Impaired Waters. For questions on MPCA requirements, contact the MPCA-MnDOT Liaison (Dan Sullivan at [Dan.Sullivan@state.mn.us](mailto:Dan.Sullivan@state.mn.us) or 651-366-4294).

**J. TEMPORARY DEWATERING:** A separate water use permit is required for withdrawal of more than 10,000 gallons of water per day or 1 million gallons per year from surface water or ground water. GP1997-0005 (temporary water appropriations) covers a variety of activities associated with road construction and should be applied if applicable. An individual appropriations permit may be required for projects lasting longer than one year or exceeding 50 million gallons. Information is located at: [http://www.dnr.state.mn.us/waters/watermgmt\\_section/appropriations/permits.html](http://www.dnr.state.mn.us/waters/watermgmt_section/appropriations/permits.html).

**K. PROTECTION OF VEGETATION:** If DNR Ecological & Water Resources staff determine that Native Plant Communities, Sites of Biodiversity Significance, other Areas of Environmental Sensitivity are present in or adjacent to Public Waters, precautions must be implemented to ensure protection and restoration of vegetation. MnDOT Standard Specifications for Protection and Restoration of Vegetation (spec #2572) of MnDOT Standard Specifications for Construction, 2005 edition, or its successor must be followed to minimize disturbance to such areas, see <http://www.dot.state.mn.us/pre-letting/spec/2014/2014-Std-Spec-for-Construction.pdf>. This may include, but is not limited to, the following: (1) During the project, parking, placement of temporary structures or material shall not be allowed outside the existing road right-of-way; (2) Place temporary fence at the construction limits and at other locations adjacent to vegetation designated to be preserved; (3) Minimize vehicular disturbance in the area (no unnecessary construction activities); (4) Leave a buffer of undisturbed vegetation between the critical resource and construction limits; (5) Precautions should be taken to ensure that borrow and disposal areas are not located within native plant communities; and (6) Revegetate disturbed soil with native species suitable to the local habitat.

**L. NESTING BIRDS:** MnDOT adherence to existing federal migratory bird protection programs will suffice for DNR concerns. Should active nests be encountered on the project (including swallow nests attached to bridges or culverts), contact MnDOT Office of Environmental Stewardship ([Jason.Alcott@state.mn.us](mailto:Jason.Alcott@state.mn.us), ph; 651-366-3605), for specific guidance relating to Federal Threatened and Endangered Species and U.S. Fish and Wildlife Service coordination.

**BEST PRACTICES - MNDOT:** Please refer to the collection of "Best Practices for Meeting DNR General Public Waters Work Permit GP 2004-0001" for guidance to meeting the conditions of this General Permit. A PDF version is available at: [http://www.dnr.state.mn.us/waters/watermgmt\\_section/pwpermits/gp\\_2004\\_0001\\_manual.html](http://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/gp_2004_0001_manual.html).

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## Project Schedule

Project Letting Date:	November 18, 2022
Date construction expected to begin:	Spring 2023
Highway open to Traffic:	Fall 2023
Categorical Exclusion:	Spring 2022
Geometric Layout:	August 2021
Construction Plans, Special Provisions, & Estimate	Summer of 2022
Public Open House:	A Public Open House is planned for Spring and Summer 2022.

The project website is <https://www.dot.state.mn.us/d6/projects/hwy30-chatfield/index.html>





LEGEND

BRIDGE

ROADWAY

AGGREGATE SHOULDERS

CURB & GUTTER

SIDEWALK

ENTRANCE

RIVER

CHANNEL RE-ALIGNMENT

EXISTING ROW

CONSTRUCTION LIMITS

ROBERT LANE  
729 MILL CREEK RD NW  
CHATFIELD, MN 55923  
LAND USE: PASTURE

ISD (PASSENGER CAR LEFT TURN) = 606.38 FEET  
ISD (PASSENGER CAR RIGHT TURN) = 525.53 FEET

NAPA  
AUTO  
PARTS

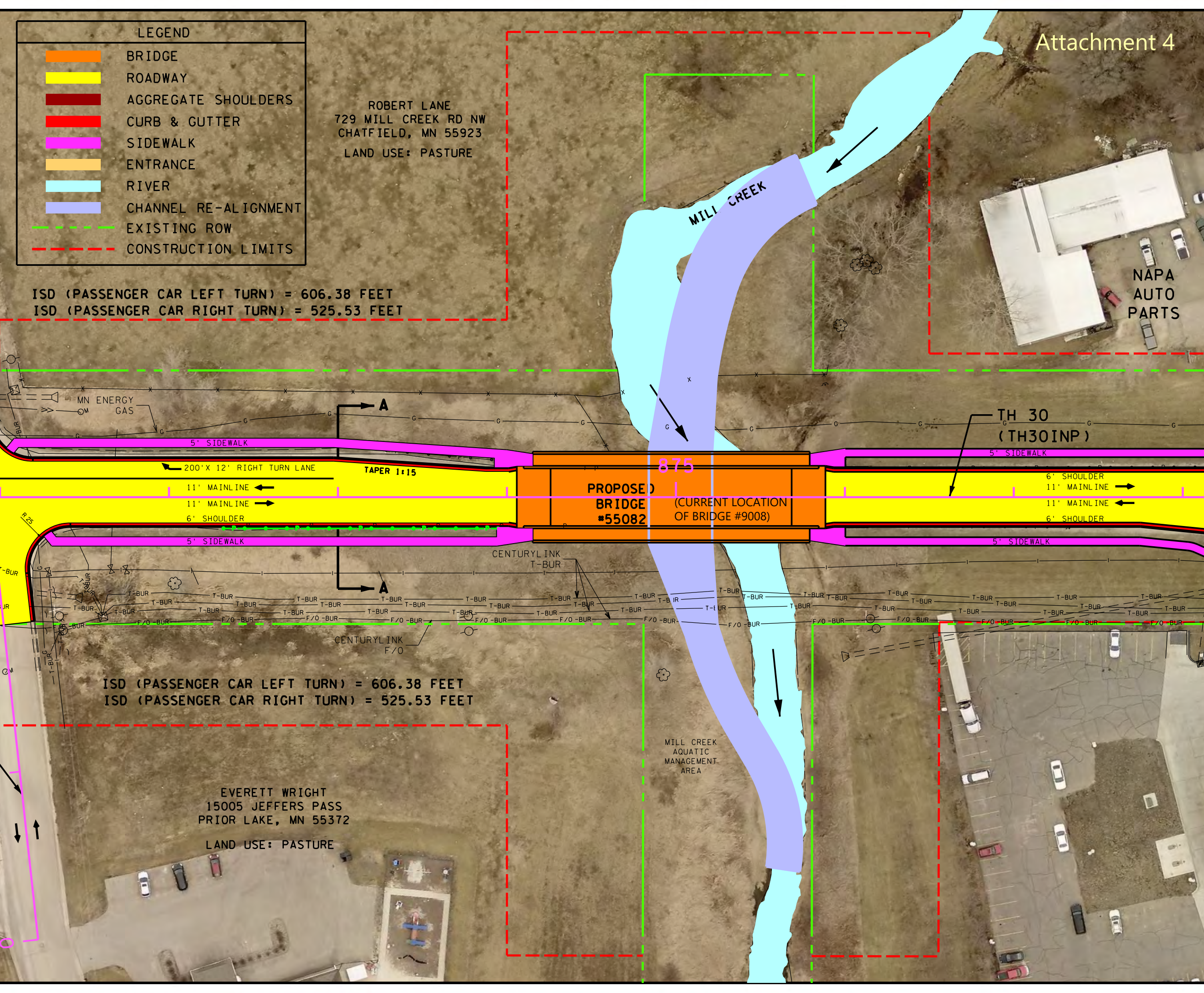
TH 30  
(TH30INP)

PROPOSED  
BRIDGE  
#55082  
(CURRENT LOCATION  
OF BRIDGE #9008)

ISD (PASSENGER CAR LEFT TURN) = 606.38 FEET  
ISD (PASSENGER CAR RIGHT TURN) = 525.53 FEET

EVERETT WRIGHT  
15005 JEFFERS PASS  
PRIOR LAKE, MN 55372  
LAND USE: PASTURE

MILL CREEK  
AQUATIC  
MANAGEMENT  
AREA







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## Mill Creek AMA

This AMA is made up of 16 subunits and AMA properties can vary across them. Currently displaying subunit 7 - easement (angling only) ▾ and you can use the list to explore the others.

**Subunit:** 7

**Acquired:** 2005

**Area:** 11.03 acres

**Trout Stream:** Yes

**Use Type:** Easement (angling only) - Easement

AMAs are on private property and acquired specifically to allow angling access. All other uses require landowner permission.

**Waterbody:** Mill Creek (3,925 ft)

**Contact:**

Lanesboro Area Office

507-467-2442



Boundary is approximate, please respect private property and obey boundary signs. [Print this map.](#)

### Questions?

Call 651-296-6157 or 888-MINNDNR (646-6367)

Email us: [info.dnr@state.mn.us](mailto:info.dnr@state.mn.us)

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## Mill Creek AMA

This AMA is made up of 16 subunits and AMA properties can vary across them. Currently displaying subunit 15 - easement (angling only) ▾ and you can use the list to explore the others.

**Subunit:** 15

**Acquired:** 2015

**Area:** 1.9 acres

**Trout Stream:** Yes

**Use Type:** Easement (angling only) - Easement

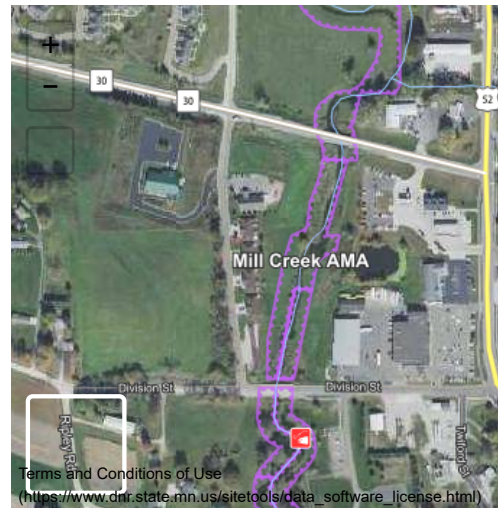
AMAs are on private property and acquired specifically to allow angling access. All other uses require landowner permission.

**Waterbody:** Mill Creek (927 ft)

**Contact:**

Lanesboro Area Office

507-467-2442



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## Mill Creek AMA

This AMA is made up of 16 subunits and AMA properties can vary across them. Currently displaying subunit 16 - easement (angling only) ▾ and you can use the list to explore the others.

**Subunit:** 16

**Acquired:** 2018

**Area:** 0.54 acres

**Trout Stream:** Yes

**Use Type:** Easement (angling only) - Easement AMAs are on private property and acquired specifically to allow angling access. All other uses require landowner permission.

**Waterbody:** Mill Creek (350 ft)

**Contact:**

Lanesboro Area Office

507-467-2442



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**TEMPORARY EASEMENT AND STATE  
AQUATIC MANAGEMENT AREA OVERLAP =  
2,262 SQ FT (0.052 ACRES)**

**STATE AQUATIC MANAGEMENT AREA AND  
CONSTRUCTION LIMITS OVERLAP = 0.89  
ACRES**

**TEMPORARY EASEMENT AND STATE  
AQUATIC MANAGEMENT AREA OVERLAP =  
1,112 SQ FT (0.026 ACRES)**

**PERMANENT ROW  
ACQUISITION (FEE) AND  
STATE MANAGEMENT AREA  
OVERLAP = 0.27 ACRES**

**TEMPORARY EASEMENT AND STATE  
AQUATIC MANAGEMENT AREA OVERLAP =  
1,340 SQ FT (0.031 ACRES)**

**ADDITIONAL MNDOT RIGHT OF WAY  
AND STATE AQUATIC MANAGEMENT  
AREA OVERLAP = 1.19 ACRES**

**\*NO CONSTRUCTION IS PLANNED FOR THIS AREA**

## **ACREAGE SUMMARY**

**TOTAL PERMANENT ACQUISITION (FEE) AREA AND STATE  
AQUATIC MANAGEMENT AREA OVERLAP = 0.27 ACRES**

**TOTAL TEMPORARY EASEMENT AREA AND STATE  
AQUATIC MANAGEMENT AREA OVERLAP = 0.11 ACRES**

**MNDOT CONSTRUCTION LIMITS AREA AND STATE  
AQUATIC MANAGEMENT AREA OVERLAP = 1.27  
ACRES (0.27 ACRES + 0.11 ACRES + 0.89 ACRES)**

**TOTAL MNDOT RIGHT OF WAY AREA (INCLUDING PROPOSED  
ACQUISITION AND EASEMENTS) AND STATE AQUATIC MANAGEMENT  
AREA OVERLAP = 2.46 ACRES (1.27ACRES + 1.19 ACRES)**

SCALE IN FEET  
0 100 200 300 400

