PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number: 14-06  Permit Date: Re-issued 6/17/2014
Permit Granted To: MN/DOT c/o Paul Munsterteiger
Project Address: Trunk Hwy 34
City, Street, Zip: Detroit Lakes, MN 56501

Project Type: This project involves widening TH 34 at eight locations to provide turn lanes and/or passing lanes between Detroit Lakes and Nevis.

Permit Granted with the Following Conditions to be Satisfied by the Permit Holder:
**Conditions specified in Wenck Assoc Review of 4/9/2014 have been satisfied per 6/12/2014 Permit Review.

This permit is valid for 18 months.
Permit may be revoked at any time upon violation of Pelican River Water Management Rules. Any changes to this site permit results in nullification of this permit and a new permit will have to be obtained.

Signature of Pelican River Watershed District Board of Managers or Designee (District Administrator)
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: June 12, 2014
WENCK REVIEW ID: 14-02
ITEM: Trunk Highway 34 at Detroit Lakes

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X Issue permit

Verify compliance with conditions before permit issue (see end of report)
Deny permit

APPLICANT: MnDOT Detroit Lakes District

PURPOSE: The proposed project involves improvements to 8 segments of Trunk Highway 34 (TH 34) between Detroit Lakes and Nevis. Two segments fall within the jurisdiction of the Pelican River Watershed District. The project includes creating new and replacing old sections of pavement where the road is being widened to accommodate turn lanes. Additional sections of TH 34 will receive mill and overlay (exempt from PRWD stormwater management requirement). The project will cause an increase in impervious area. The proposed construction area within the PRWD is 24.5 acres of which 19.0 acres is impervious and 5.5 acres is pervious. Runoff will be managed by ditch blocks placed along the roadside. Permanent wetland impacts of 0.08 acres (Type 2 and 3) will be mitigated at a 2 to 1 ratio.

LOCATION: T.H. 34 between Detroit Lakes, MN and Nevis, MN

APPLICABILITY: Total impervious surface (new and existing) of one acre or more

EXHIBITS:

4. TH 34 Passing Lanes from Detroit Lakes to Nevis; Findings of Fact and Conclusions by MnDOT, dated March 2014, recd 3/27/2014
5. HydroCAD models; existing and proposed by Kimley-Horn, not dated, recd 5/1/2014

FINDINGS:

Maintenance: A detailed schedule indicating dates and sequence of land alteration activities has been received. A detailed description of how erosion and sediment control and soil stabilization measures will be monitored, maintained, and removed has been received. The name, address and phone number of the party responsible for maintenance of all erosion control measures have been provided. A maintenance plan for on-site treatment measures has been provided.

Soils & Erosion Control Plan: Soils affected by the proposal are Hydrologic Groups A to C. Preliminary landscaping plans for storm water treatment practices and site revegetation have been provided. Adjacent properties are protected from sediment deposition. Wetlands, waterbodies and water conveyance systems are protected from erosion. Project site is greater than 1 acre; an NPDES permit is required.

Grading Plan: The location/dimension of existing property lines, roads, structures, utilities, easements, and paved and unpaved areas has been provided. A detailed site topographic plan (minimum 2-foot contours) for the proposed project conditions, which clearly indicates alterations to existing grades and topographic features, has been provided.

Stormwater & Hydraulics: Stormwater leaving the site is discharged into a well-defined receiving channel or pipe and routed to a public drainage system. The rate of post-development runoff from the site does not exceed pre-development rates for the 5-, 25-, and 100-year, 24-hour storm events.

Water Quality: Water quality treatment facilities does achieve 90% TSS and 50% total phosphorus removal. Water quality road side ditches with ditch blocks are designed correctly.

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X Issue permit
_____ Issue permit with conditions (see below)
_____ Verify compliance with conditions (see below) required before permit issue
_____ Deny permit