

218-634-1767  
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 Anthony\_p@co.lake-of-the-woods.mn.us



# LAKE OF THE WOODS COUNTY

**PUBLIC WORKS DEPARTMENT**

Anthony Pirkl, Public Works Director  
 306 8th Ave S.E.  
 Baudette, MN 56623

## QUOTE FORM

Contractor: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No: \_\_\_\_\_

Scope of work: Slope Failure Repair  
 Location: JD 28 See attached map for location.

Spec. No.	Description	U/M	Estimated Quantity	Unit Price	Total
Special Provision	Slope Failure Repair	Lin. Ft.	1573	_____	_____
2106.507	Class III Riprap	Cu. Yd.	1485	_____	_____
2575.501	Turf Establishment	Lump Sum	1	_____	_____
<b>GRAND TOTAL:</b>				_____	_____

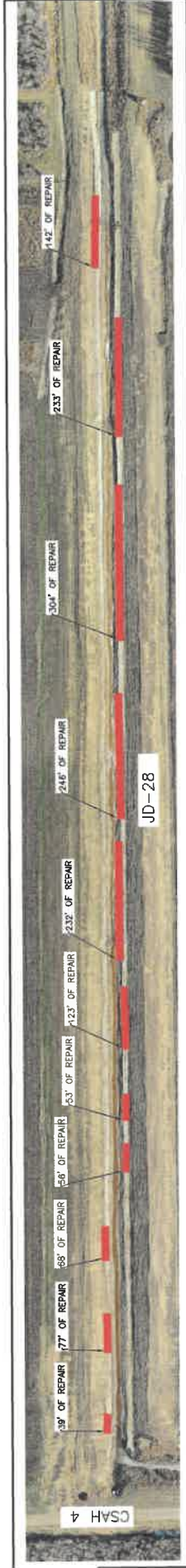
- The Minnesota Department of Transportation Standard Specifications for Construction, 2020 Edition shall apply on this Contract except as modified or altered as directed by the Engineer.
- Slope Failure Repair will consist of creating a new slope by excavating into the bench area and installing riprap. This slope may vary from 3:1 - 4:1 depending on the erosion severity. The contractor shall compact this prior to placing fabric and riprap on the slope.
- Installation of a MnDOT Type 4 (felt style) fabric underneath the riprap is considered incidental to the Class III riprap.
- Dimensions of work will be determined in the field prior to construction as directed by the Engineer.
- Turf establishment consists of seeding and watering as necessary to repair all areas damaged by the contractor.
- Payment will be based on survey of the Slope Failure Repair area and riprap quantity invoices after work is completed and approved by the Engineer.

Return to this office sealed by: **June 12, 2023**

Completion Date: **September 30, 2023**

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

# PLAN VIEW

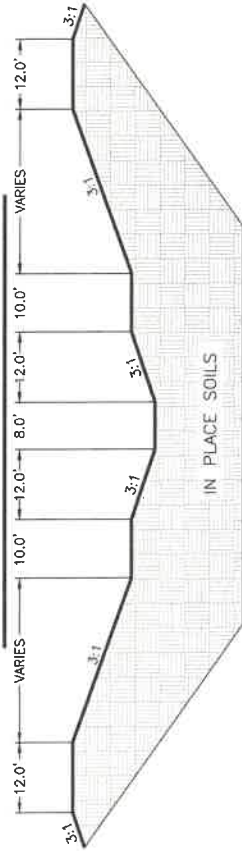


EXCAVATE DITCH SLOPE TO REMOVE SLIP-PLANE. PLACE QUARRY RUN RIP RAP 1.5 FEET THICK.

## PROPOSED CORRECTIVE ACTION

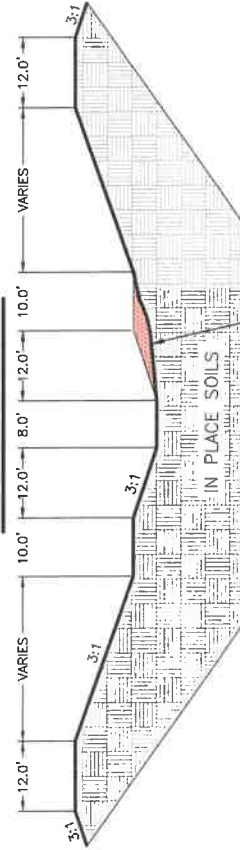


## PRE-DISASTER CONDITION, CONSTRUCTED IN 2020



DURING THE INCIDENT PERIOD, EXCESSIVE FLOWS AND VOLUMES CAUSED THE DITCH SLOPE TO BECOME UNSTABLE AND SLIDE ALONG A SLIP-PLANE. THIS MATERIAL HAS DEPOSITED IN THE CHANNEL, RESTRICTING THE FLOW CAPACITY AND THE FUNCTION OF THE DITCH.

## POST-DISASTER CONDITION



EROSION DUE TO 2022 SPRING FLOOD

DAMAGED AREA

## EXISTING DAMAGE PHOTO FOR REFERENCE



DAMAGED AREA



LAKE OF THE WOODS COUNTY  
HIGHWAY DEPARTMENT  
218-634-1767  
306 8TH AVE SE  
BAUDETTE, MN 56623

JUDICIAL DITCH 28

FEMA FLOOD REPAIR

SHEET:  
1 OF 1