Information for File # 2012-05684-MTS

Applicant: **Billeye Rabbe (Rutland Township)**

Corps Contact: **Michael Setering**

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E-Mail: **michael.t.setering@usace.army.mil**

Phone: **(651) 290-5396**

Primary County: **Martin**

Section: **6**

Township: **103 N.**

Range: **30 W.**

Information Complete On: September 9, 2013

Posting Expires On: November 16, 2013

Authorization Type: LOP-05-MN

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made an approved determination that some of the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Approved jurisdictional determinations are posted on the St. Paul District web page at http://www.mvp.usace.army.mil/.

PROJECT DESCRIPTION AND PURPOSE: The proposed project is described as a flood damage repair project. In recent years, woody debris has accumulated at various points along Elm Creek, which has diverted channel flow towards County State Aid Highway (CSAH) 36 and severely eroded the right-of-way (ROW). The applicant proposes to realign a portion of Elm Creek for the purpose of reclaiming the eroded ROW and to improve public safety.

The proposed work would be accomplished by excavating the accumulated sediments along the point bars and re-depositing the material along the eroded bank. Log vanes and root wads would be installed along the stream bank to decrease the water's energy and guide the channel away from the CSAH 36 ROW. A geo-textile riprap pool and channel

would be constructed at the base of the existing 30-inch Corrugated Metal Pipe culvert (see enclosures).

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: As shown on the enclosed exhibits, fill material would be discharged into approximately 5,000 square feet of Elm Creek, and accumulated sediments would be excavated from approximately 8,000 square feet of Elm Creek.

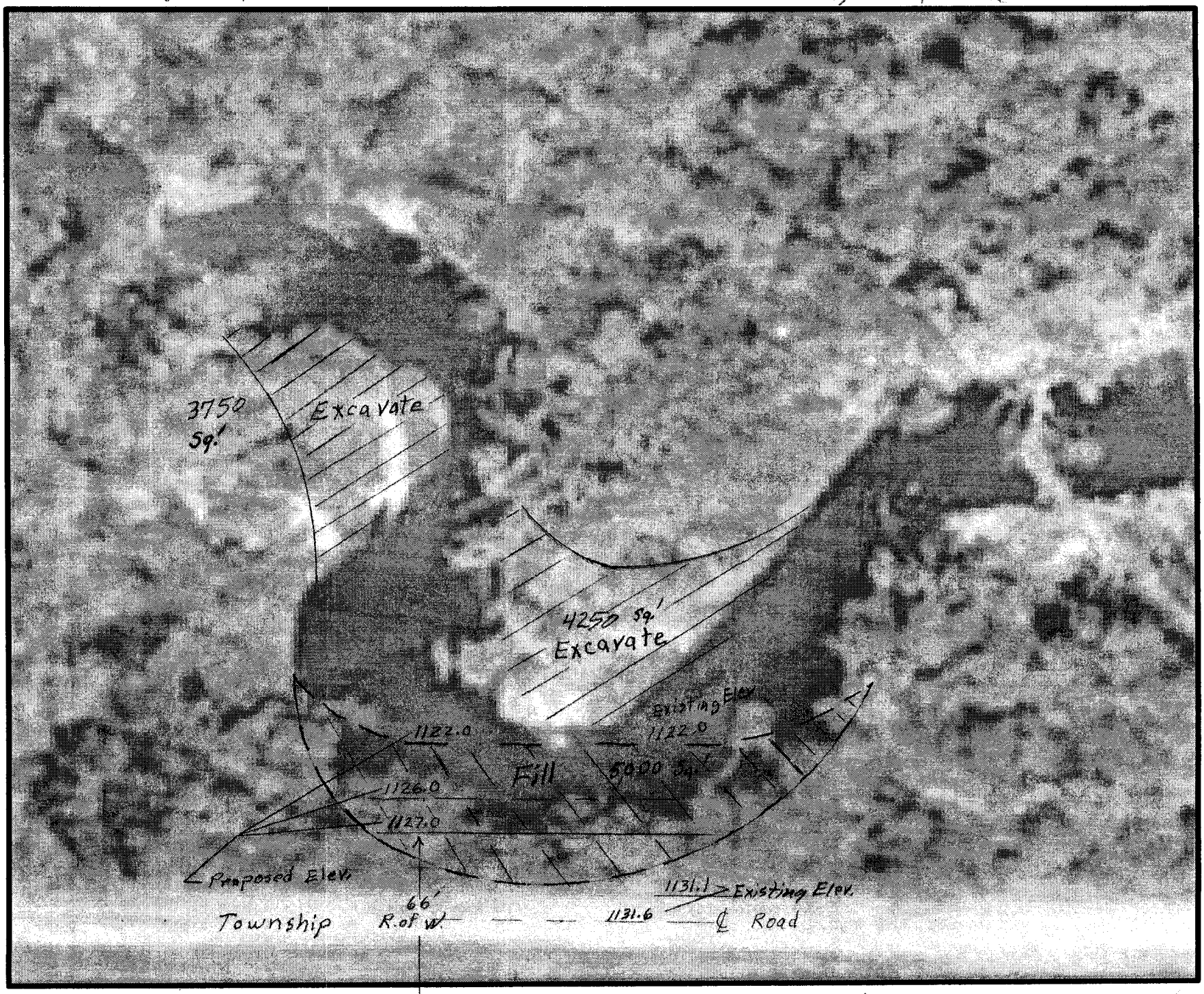
ALTERNATIVES CONSIDERED: The applicant identified the following alternatives:

1) Placement of riprap along the eroded stream bank. This alternative was dismissed because impacts to Elm Creek would be greater than the preferred alternative (proposed plan).
2) Do nothing and close the road. Rutland Township and adjacent landowners do not support this alternative, thus it was dismissed.

COMPENSATORY MITIGATION: The applicant has stated that the proposed project includes mitigation of lost functions by improving aquatic habitat and increasing the channel area.

Drawings: See attached.

Operations, Regulatory (2012-05684 MTS) Rutland Township Elm Creek

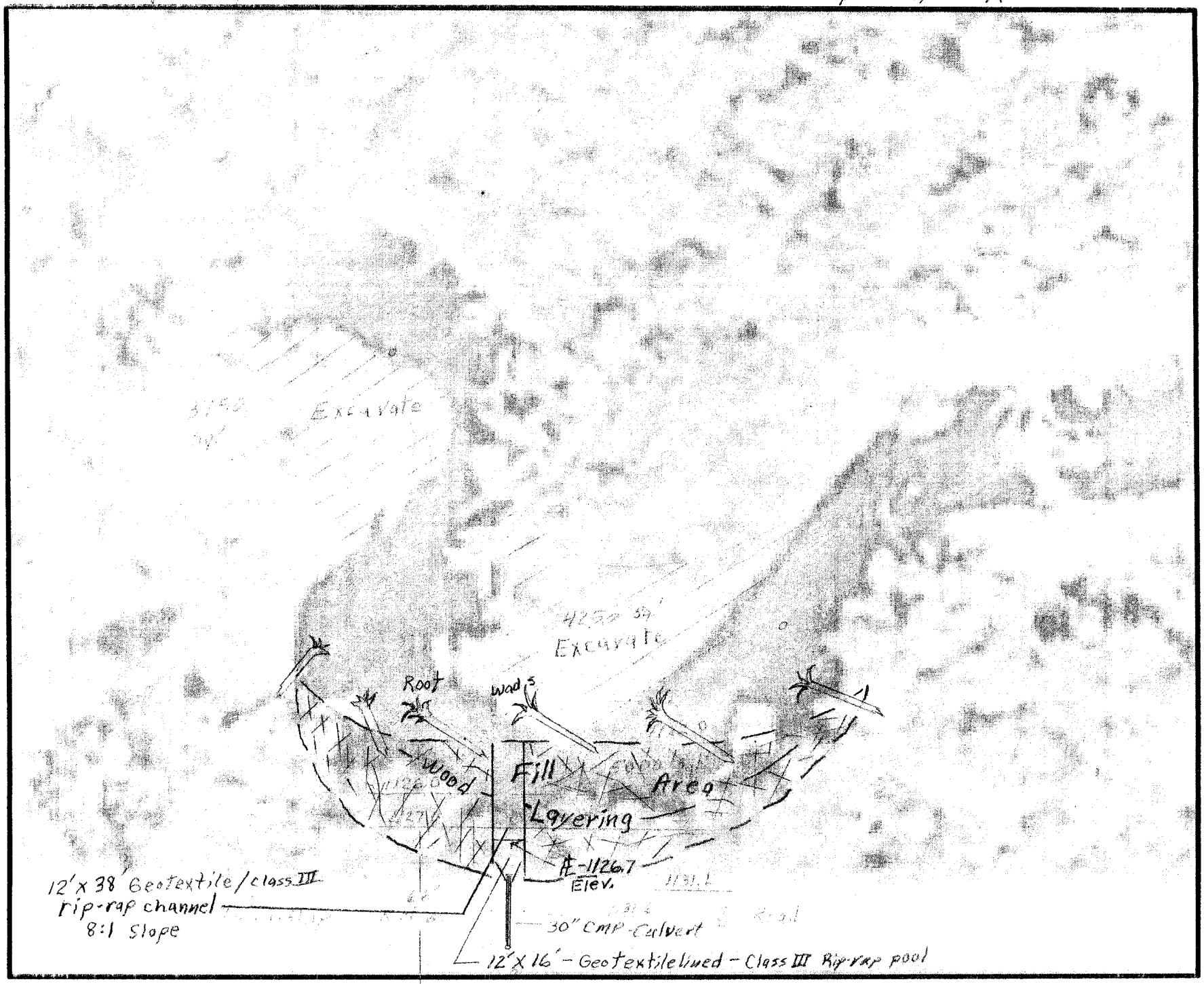


N
S
E
W

0 25 50 100 Feet

Martin County, MN

Operations Regulatory (2012-05684 MTS) Rutland Township - Elm Creek



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W E
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0 25 50 100 Feet

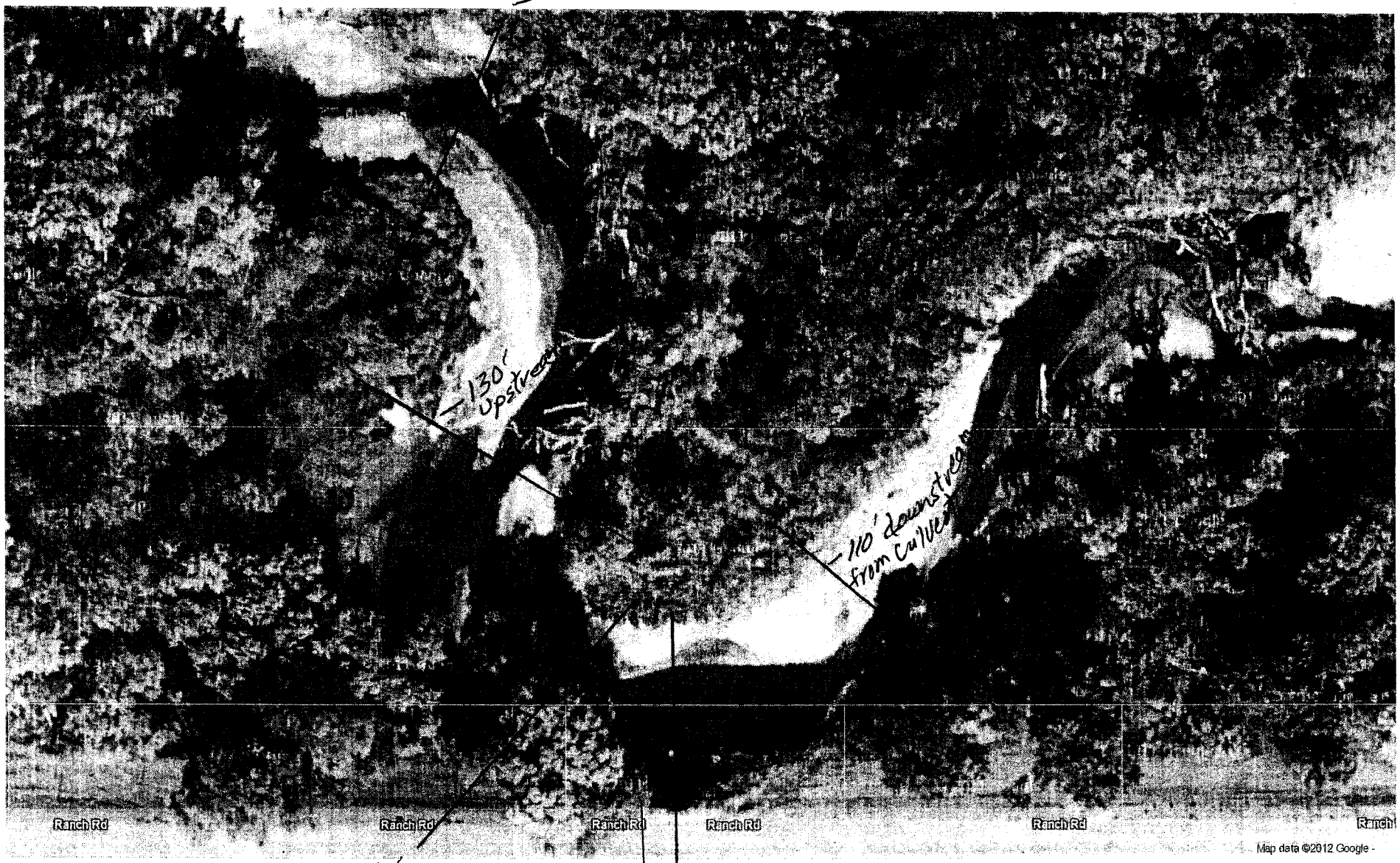
Martin County, MN

Operations Regulatory (2012-05684 MTS) Rutland Township - Elm Creek

Channel X-Sec locations - measured from channel ℄

Google

To see all the details that are visible on the screen, use the "Print" link next to the map.



55' upstream from culvert

culvert

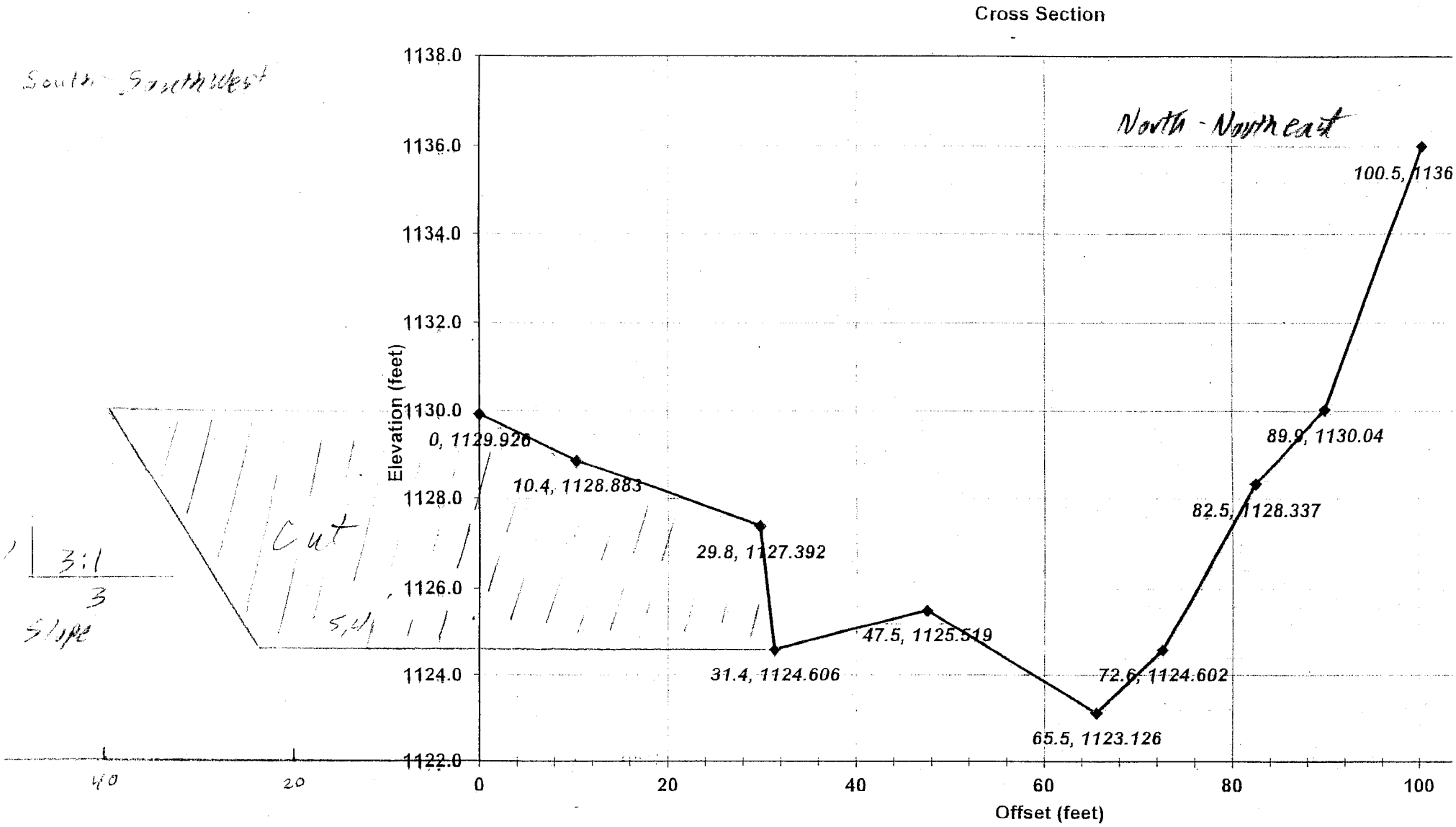
20' downstream from culvert

Martin County, MN

operations Regulatory (2012-05684)

Rutland 6 Rutland Township - Elm Creek

260' upstream from Culvert



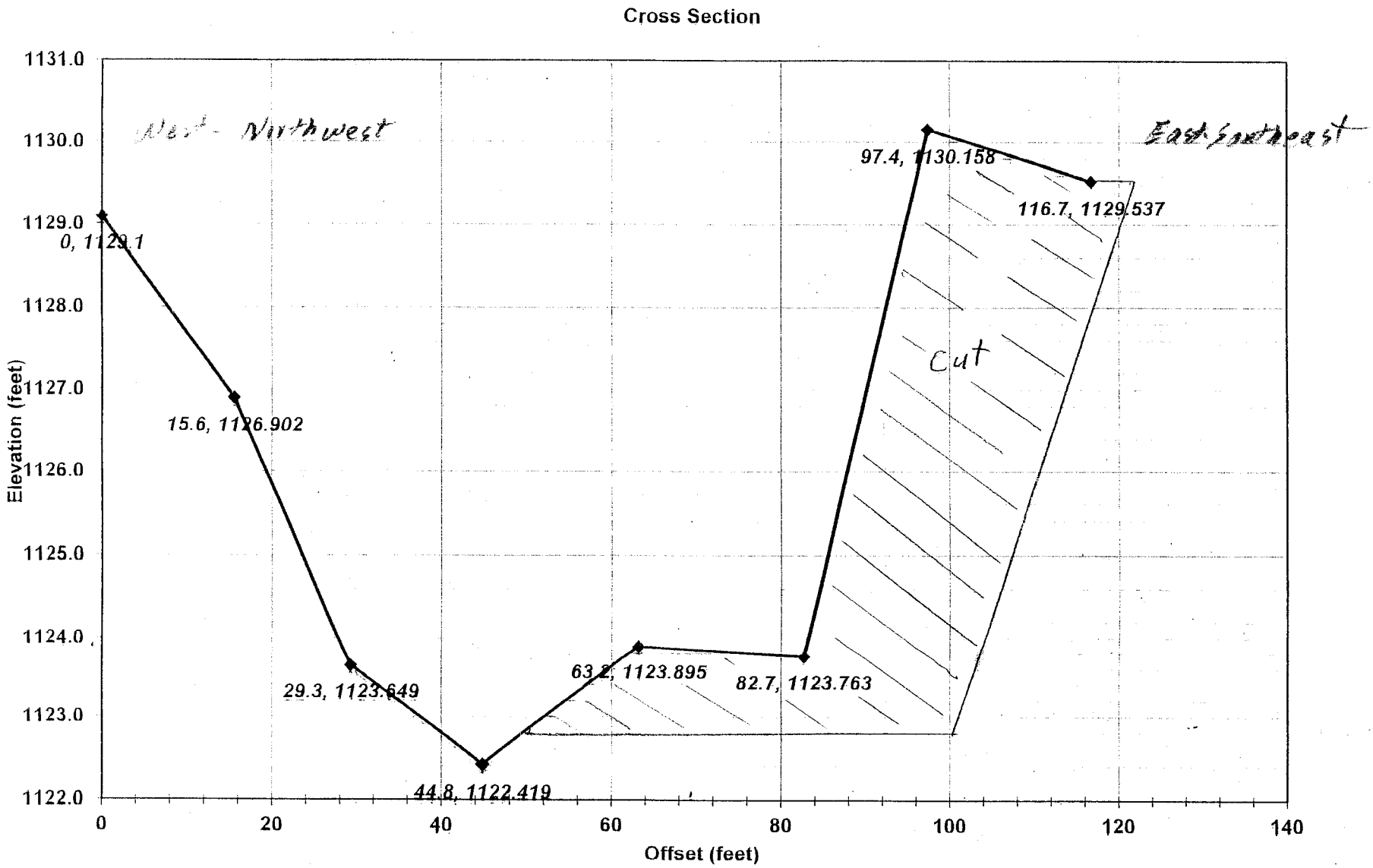
Martin County, MN

Operations Regulatory (2012 - 05684)

Rutland Township - Elm Creek

Rutland 6

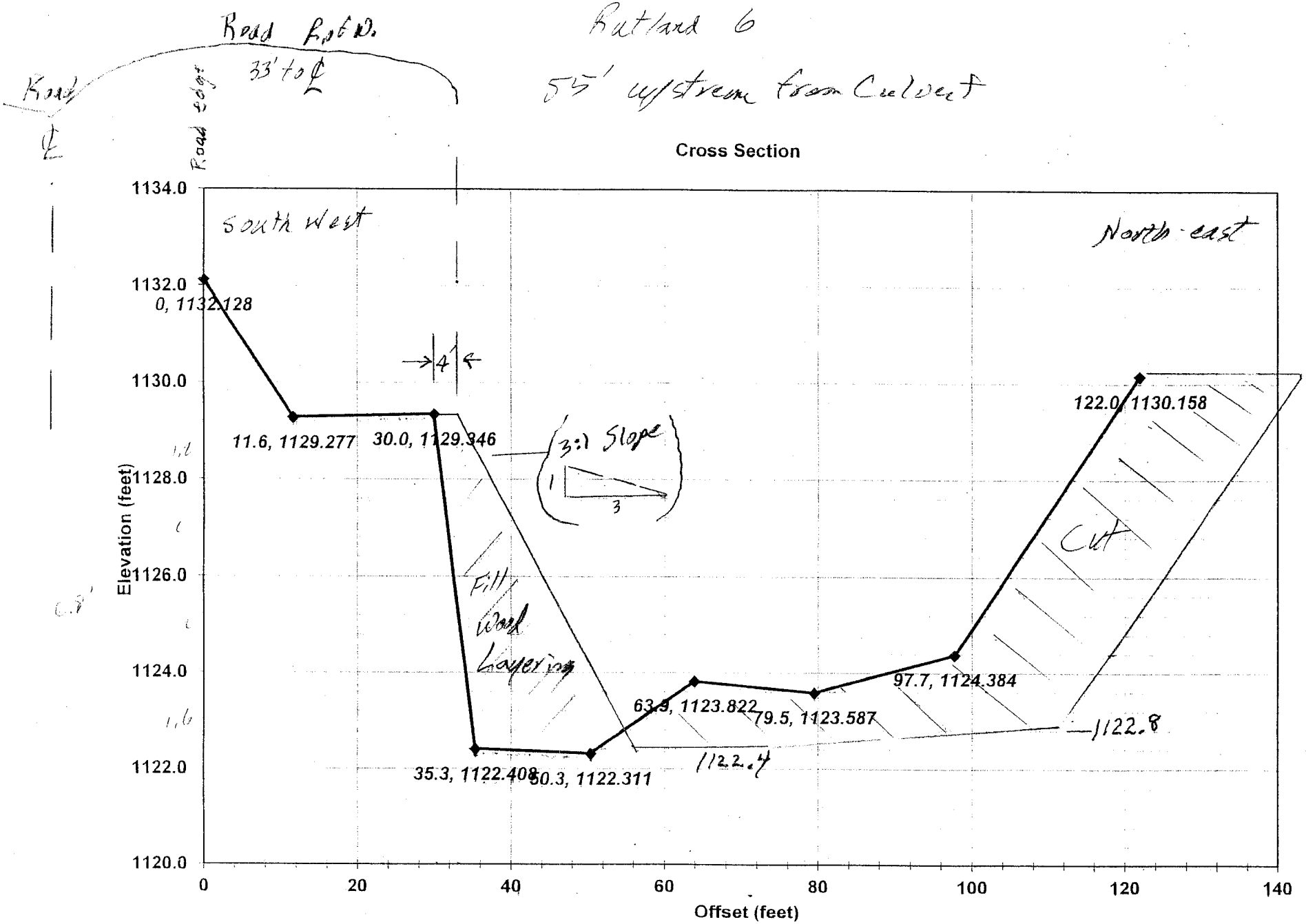
130' upstream from Culvert



Martin County, MN

Rutland 6

55' upstream from Culvert

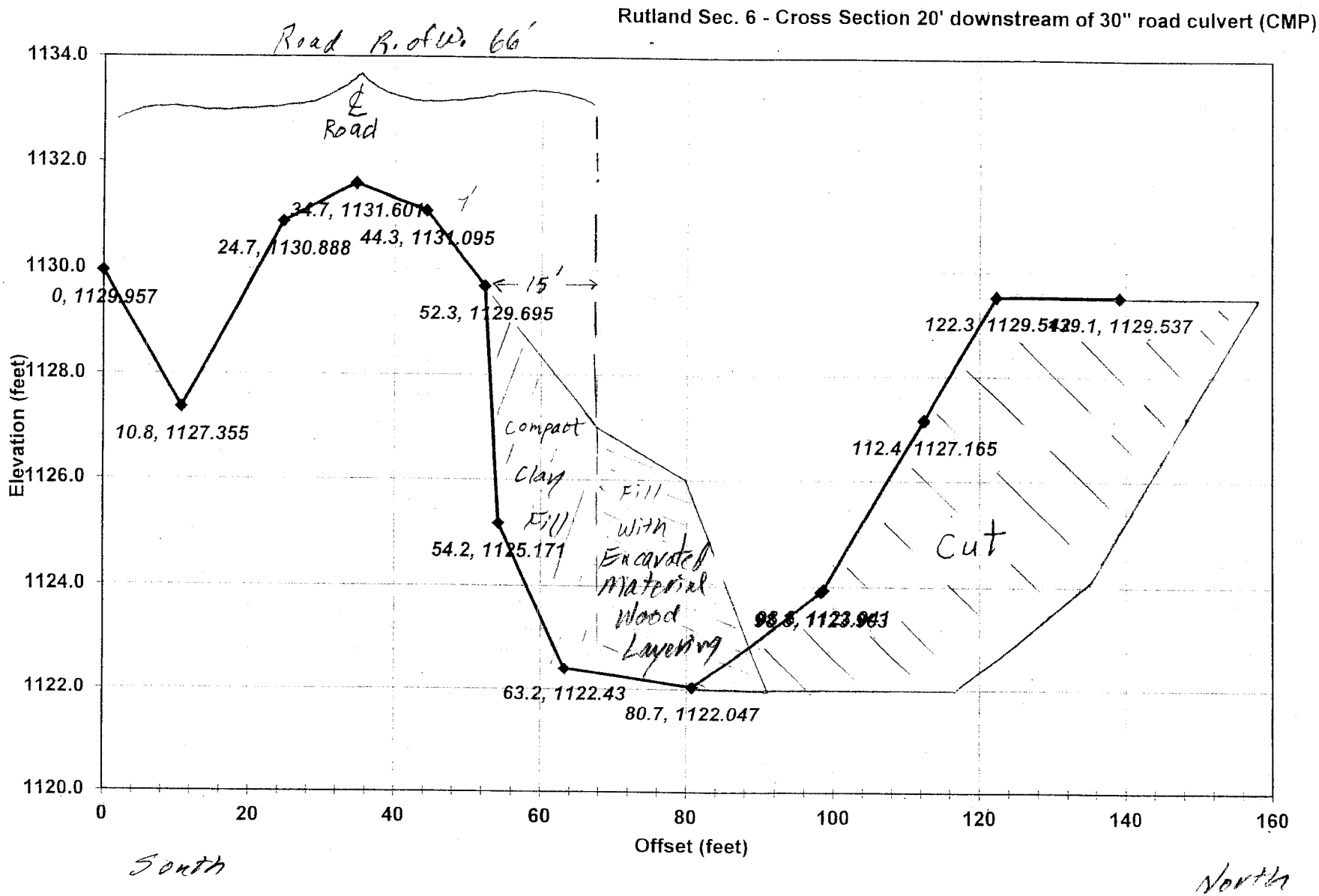


Operations - Regulatory (2012 - 05684)

Rutland Township · Elm Cree
Martin County, MN

Operations Regulatory (2012-05684)

Rutland Township - Elm Cre



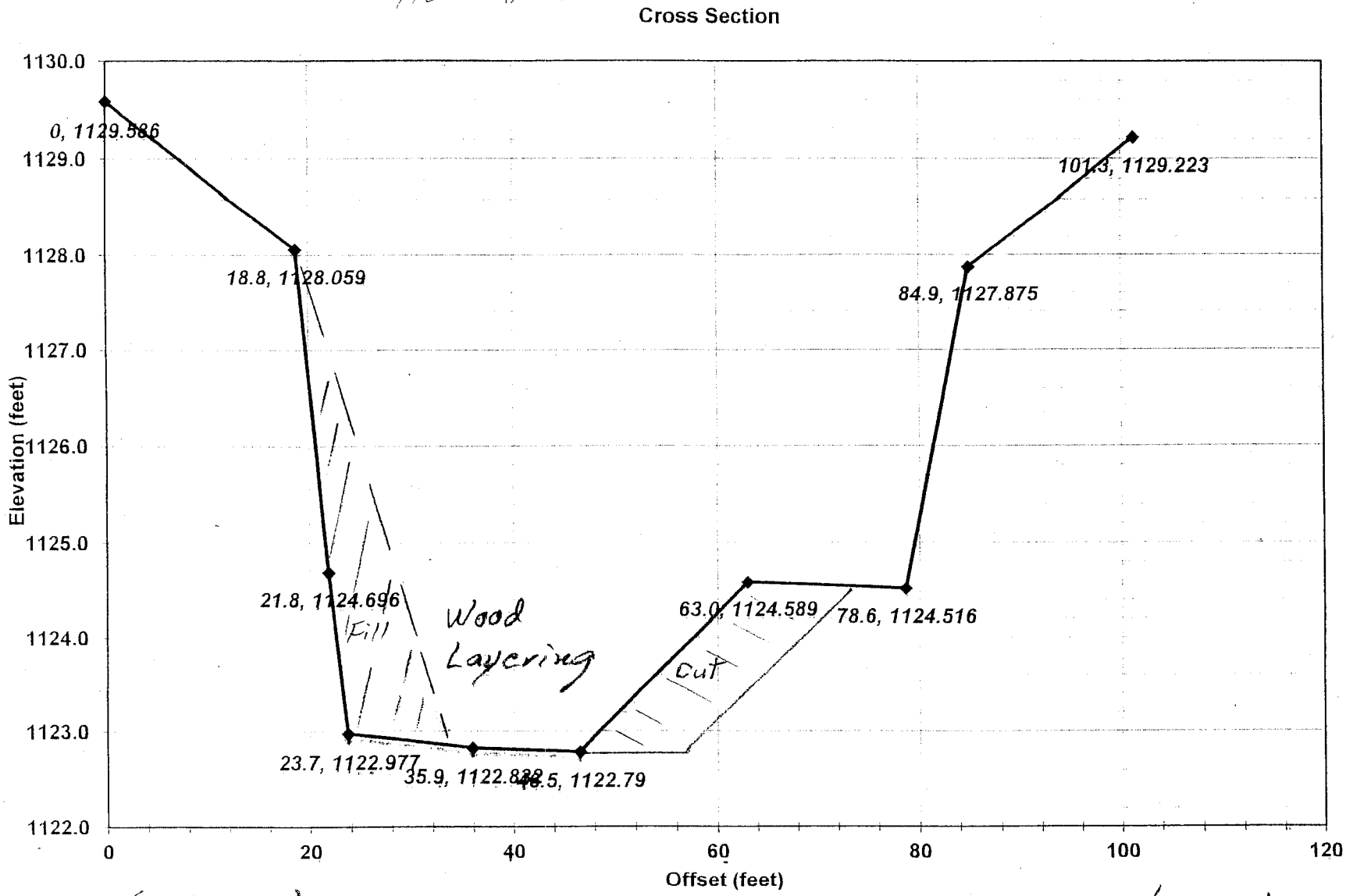
South

North

Martin County, MN

Operations Regulatory (2012-05684) Rutland 6 Rutland Township – Elm Creek

110' Downstream (E) of Culvert



Martin County, MN