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5/24/2019

RECONSTRUCTION REPORT FOR THE SILVEUS DRAIN

(ORIGINALLY KNOWN AS ARM #1 OF THE SYLVESTER BARBER DRAIN AND A PORTION OF THE MAIN #208 AS APPROVED IN 1898. REF. COMMISSIONER’S DITCH RECORD BOOK 5 PAGES 569-580)
 -Seward Township, Kosciusko County, Indiana-

The Kosciusko County Drainage Board has instructed me to prepare a reconstruction report for the **Silveus Drain**. This proposed reconstruction begins where the tile Main empties into the open ditch (in the SE1/4 of Sec. 9-T30N-R5E) and ends where Arm #1 crosses the W. line of the SE1/4 of the NW1/4 of Sec. 9-T30N-R5E.

This proposed reconstruction is designed to improve and provide drainage for the 602.92 acre watershed area.

It is the County Surveyor’s opinion that this drain is in need of reconstruction.

There are two drainage areas that are a part of this proposed reconstruction project. Area #1 consist of only those lands affected by Arm #1 in its entirety. Area #2 consists of those lands affected by only the Main within the proposed reconstruction area. Since both areas are affected by the proposed 510’ of Main Ditch reconstruction, all landowners within both areas (“Area 1” and “Area 2” = 602.92 acres) would share that cost. Only those landowners within the shed area of Arm #1 (“Area 1” = 351.32 acres) would share the cost of reconstruction on that arm.

The current/existing pipe size within the project area are 12” (Arm #1) and 24” (Main).

The proposed reconstruction project consists of approx:

- Main: 510’ of 30” double-walled plastic tile (including installation)
- Arm #1: 1750’ of 18” “ “ “ “ “ “
- 650’ of 15” “ “ “ “ “ “
- 750’ of 12” “ “ “ “ “ “

- Bedded in stone through deep cuts
- T and/or Y including where Arm #1 meets the Main
- Overburden removal
- Removal of old tile
- Hookup of all laterals
- Incidentals (approx. 10%)
- TOTAL ESTIMATE: \$78,917

If approved, the Surveyor’s Office would have a starting date of fall 2019 after harvest.

A list of all affected landowners is made a part of this report. The shed map, schedule of assessment for each tract of land (based on benefitted acres) and plan profile is also a part of this report. All are available for review in the office of the Kosciusko County Surveyor.

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ESTIMATE FOR PROPOSED SILVEUS RECONSTRUCTION
 (Originally known as Arm #1 of the Sylvester Barber Drain #208 as approved in 1898. Ref. Commissioner's Ditch Record Book 5 Pages 569-580)
 -Constructed in 1898-
 Located in Sec. 9-T30N-R5E, Seward Twp., Kosciusko Co., IN
 Estimate Created 1/21/2019

Arm #1 (351.32 Acres Benefitted)

750' of dual-walled 12" plastic (material & installation)	\$ 6743
650' of dual-walled 15" plastic (material & installation)	\$ 8736
1750' of dual-walled 18" plastic (material & installation)	\$ 27,125
“T”s	\$ 420
Overburden removal (3 days)	\$ 3800
Stone (material for 2100')	\$ 6738
Stone (installation for 2100')	\$ 3500
+10% (of material) For Incidentals	\$ 2801
Arm #1 Total	\$ 59,863

Main (602.92 Acres Benefitted)

510' of dual-walled 30" plastic (material & installation)	\$ 16,748
One 30x18x18 “Y” and One 30x15 “T”	\$ 1130
+10% (of material) For Incidentals	\$ 1176
Main Total	\$19,054

GRAND TOTAL \$78.917

Area 1 rate/acre (Arm #1 and Main) = \$202.01
 Area 2 rate/acre (Main only) = \$31.60

Compiled by:

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