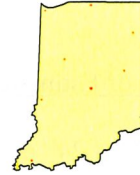




MICHAEL E. KISSINGER
Indiana Registered Land Surveyor Lic. #LS29900032
Kosciusko County Surveyor
100 W. Center St., Courthouse
Warsaw, IN 46580
Ph: (574) 372-2365 Fax (574) 372-2369



3/19/2020

RECONSTRUCTION REPORT OF THE CAUFFMAN DRAIN (PHASE III) NEAR CLAYPOOL, IN

The Kosciusko County Drainage Board has instructed me to prepare a reconstruction report for Phase III of the Cauffman Drain west of the greater Town of Claypool, IN. This reconstruction is proposed to take place from the north side of the East-West railroad to where Phase II of the reconstruction terminates, This Phase III project is located in the NW1/4 of Section 20, Township 31 North, Range 6 East, 2nd P.M.

This reconstruction is designed to improve drainage further south of the reconstruction site. This county regulated drain was originally constructed in 1903 (under the drain name of "Lewis Determan"). It has been determined by my office that the condition and current size of the tile is inadequate to handle the volume of runoff water generated within the shed area (unlike Phase I and Phase II, land use change is not the cause). Continuing to make periodic maintenance repairs with Cauffman Drain annually collected maintenance fund money is no longer effective and not recommended by the County Surveyor's Office. A recent installation of a larger drainage pipe under the East-West railroad has made this reconstruction and anticipated drainage improvements possible.

The current Kosciusko County Drainage Board and my office, have determined that a reconstruction should be pursued in the Phase III area to reduce the amount of damages to properties within the shed area as a result of flooding. Phase I & II of the Cauffman Reconstruction project were necessary due to land use changes (Louis-Dreyfus site) within the shed area and as a result, those phases were paid for by TIF monies furnished by Dreyfus. Again, the need for Phase III of the Cauffman Reconstruction is not a result of land use change.

The current pipe size within the 240' lineal feet of Phase III reconstruction limits is 18".

The proposed reconstruction project consists of:

240' +/- of 24" double-walled plastic tile (including installation) bedded in stone

Removal of the old tile

Hookup of all laterals

A riser installed on the north side of the railroad near their right-of-way

Incidentals (approx. 10%)

TOTAL ESTIMATE: \$12,000.00.

If approved, the Surveyor's Office would have an anticipated starting date of summer 2020 (during the dry season).

Total watershed area within the Phase III project: 161.79 acres

Recommended rate (flat rate per acre): \$73.06

Drainage Board will need to consider, in part: Individual cost vs benefit assessments & overall cost vs benefit

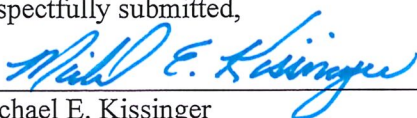
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Breakdown of Estimated Cost of Construction (Phase III)

240' of 24" dual-walled tile @ \$19.18/ft (material cost)	\$4603.20
240' of 24" " " " " \$18.25/ft (installation cost)	4380.00
24"x24"x15" tee/riser @ railroad	195.00
Six 24" exterior bands	180.00
80 tons of #8 gravel (42"x240'x1.5'/27) x 1.7 (tons/cuft)	
@ \$24.25/ton	1940.00
10% incidentals on material	<u>691.82</u>
	(\$11,990.02)
TOTAL ESTIMATED COST OF PHASE III	\$12,000.00

Profile & full Specifications will be provided during bidding process.

Respectfully submitted,



Michael E. Kissinger
Kosciusko County Surveyor
Indiana Professional Surveyor, Lic. #29900032

Personal note to all receiving this notice

Folks,

I understand that the recent COVID-19 (Coronavirus) pandemic declaration has cast us into a period of uncertainty in our history. Our County Commissioners are keeping abreast to the daily changes and adjusting the procedures in the Surveyor's Office and all other county government offices accordingly. Who knows what will be our procedures and limitations on April 23rd, the scheduled date of this meeting?

We have been instructed to continue to schedule our normal meetings with the understanding that it could change today, tomorrow or even April 23rd.

Once I know more, I'll try to contact every person receiving these notices via mailings if the changes happen in time for you to receive that notification. I want everyone to be heard that wants to be heard. Either in opposition or in support of this project. The best way for me to make sure your "voice" is heard by the Drainage Board, is to mail a letter (Surveyors Office, 100 W Center St.-Courthouse, Warsaw, IN 46580) OR email me (mkissinger@kcgov.com). I will see to it that your letter/email is received by all 5 members of the County Drainage Board that will be making the final decision on this proposed Reconstruction. Of course, if the public meet goes on as planned, you can also speak to them directly at the April 23rd meeting.

Wishing you all the best as we have no choice but to live with this new normal for the time being. Please take steps to protect those of us who are at higher risk. As my parents are both in that group, I try my best to practice that.

I SO look forward to getting back to normal sooner than later.

Sincerely,

