

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: HA McMULLEN 1:2 - RECONSTRUCTION

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
* OPEN DITCH	-	550'	550'		19.55/lf	10,752. ⁵⁰
DREDGING 2675'		0'				
SEDIMENT TRAPS (3)						
REPAIR HEADWALL						
LOWER FARM KING						
DRUP STRUCTURE						
2 ROCKCHUTES						
SEEDING						
						11038. ²⁵

Sum: 550' 550' \$21,790.⁷⁵

Final Report: _____

Comments:

* ORIGINAL DITCH No.2 ENDED AT OR NEAR EAST 1/2 R/W. ADDITIONAL DITCH WORK EXTENDING TO SR 19 ADDED ± 550' (LENGTH FROM STATIONING ON SCS CONSTRUCTION NOTES, ATTACHED) OF OPEN DITCH.



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

773-6110 Ext. 19

Noblesville, Ind. 46060 April 23 1980

TO: Hamilton County Drainage Board

RE: H.A. McMullen Drains 1 & 2

Attached is a design for the reconstruction of the H.A. McMullen Drains 1 & 2 done by the Hamilton County Soil Conservation Services.

Also included is a drain map, drainage shed map and proposed assessment roll.

The reconstruction for the drain will involve the repair of the headwall, dredging of the open ditch, one drop structure at STA 17+70, some clearing lowering a existing farm crossing at STA 23+00 and three sediment traps.

The estimated cost for the proposed work is \$14,047.00. When spread over a drainage shed of 791.78 acres, the cost per acre is \$17.75. Also included is a maintenance assessment of \$2.00 per acre which will generate \$1693.92 per year.

The needed tile repair mentioned in the SCS report shall be done under the maintenance program. The drainage shed for maintenance shall consist of the H.A. McMullen Drains #1 & #2 and the Millersburg Drain.

I would like for you to set a reconstruction and maintenance hearing for the H.A. McMullen Drain 1 & 2 for July 7, 1980.

KCW/no


Kenton C. Ward - County Surveyor

Construction Notes H. A. McMullin I+2

MAINT. →

1. Repair tile blowholes in the 20" tile from Whetstone Rd. to the headwall. An estimated 30' of the tile will be needed. Measure tile size before ordering.

2. The headwall needs to be repaired. Soil will be mounded at least 1.5' above the wing wall. Other grading will be done to channel the surface water over the center part of the headwall. Seven inch riprap will be placed 20' downstream from the headwall in the ditch bottom and 2' upon the side slopes, for a splash basin. The rock will be placed 18" thick. Twenty ton of 7" graded riprap should do the job. The tile through the headwall shall be checked and replaced if necessary.

3. Ditch dimensions

12+75 - 27+00 (headwall to railroad) 4' bottom 2:1 side slopes

28+00 - 33+50 (railroad to St. Rd. 19) 6' bottom 2½:1 side slopes

0+00 - 6+00 (281st St. North to main ditch)

4' bottom 2:1 side slopes

27+00 - 27+40 (East of Railroad)

Stone chute in the channel - 6' bottom width (see plans)

4. Side to work on -

Main - A. From the headwall to the railroad - South side

From railroad to lateral ditch - South side

From lateral ditch to St. Rd. 19 - North side

Arm - From 281st St. to Main ditch - West side

5. Clear only those trees necessary for construction and trees that are on the side slopes of the ditch.

6. A splash basin is needed where the 4' culvert and 18" tile outlet on the North side of 281st St. at the head of the lateral ditch. Twenty ton of 7" graded riprap will be needed.

MAINT. →

7. There is approximately 20' of broken tile in the line that outlets into the lateral ditch. The tile is either 12" or 15". Fix the holes between the outlet and 279th St.

8. The spoil should be spread evenly away from the ditch having a ten foot berm on top of the bank.

9. At station 24+00 on the main ditch a farmer's crossing will have to be lowered or replaced.

10. Seeding recommendations -

30#/acre of Fescue

10#/acre of rye grass

600#/acre of 12-12-12 fertilizer

11. Note: Seed at the end of each construction day.

Peters
12/2/00
S. A. M.

||||

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completion
date



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

773-6112 Ext. 19

Noblesville, Ind. 46060 December 16 1980

TO: Hamilton County Drainage Board

RE: H.A. McMullen Drain

Attached are two claims from Hendricks Excavating in regard to the reconstruction of the H.A. McMullen Drain. The first, for \$8200.00 represents 85% of the contract price. The second for \$1388.25 is for seven (7) extra 6" pipe outlets with animal guards and 33.75 cu yd of additional RipRap.

John South made an inspection of this drain and found the following items which need to be done to finish the work:

1. More RipRap on the entrance and exit of the crossing from the toe of the slope to 3' up the slope
2. Dirt which has fallen in front of the crossing needs to be removed.
3. Spoil banks West of the Railroad are too rough and needs to be respread. May have to wait until spring because of wetness.
4. Dam over pipe drop structure needs to be finished. At present its too rough.
5. Attached is a design for a Rock Chute which is needed about 250' Downstream of Headwall.
6. Entire project may need reseeded next spring. The contractor has been given this information.

At this time the Board should approve the attached claims.

Kenton C. Ward

KCW/no



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

773-6112 Ext. 19

Noblesville, Ind. 46060 May 29 1981

TO: Hamilton County Drainage Board

RE: H.A. McMullen Drain

On May 29, 1981 I made the final inspection of the reconstruction on the H.A. McMullen Drain by Hendricks Excavating. Attached is a claim for 15% of the contract price, \$1450.00. This claim should be approved for payment on August 3rd, 1981.

KCW/no

Kenton C. Ward
Kenton C. Ward-County Surveyor