

Drain: MARGARET O'BRIEN **Drain #:** 124
Improvement/Arm: _____
Operator: J. L. LUDGESTAL **Date:** 5-10-04
Drain Classification: Urban/Rural **Year Installed:** 1909

GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: MARGARET O'BRIEN

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
OPEN DITCH	—	400'	400'		19.55/lf	7820. ⁰⁰
* TILE	12"	* 160'	* 160'		4. ⁰⁰ /lf	640. ⁰⁰

Sum: 400' 400' \$8,460.⁰⁰

Final Report: _____

Comments:
* 12" TILE PARALLEL TO I-69 RELOCATION

Location

Main Ditch. Beginning at a point 60 rods south and 22 rods and 2 ft east of the center of section 12, Twp. 17 north range 4 east, Run thence N 5° W 530 ft, thence N 57° 0' E, thence N 43° W 200 ft, thence N 99° W 400 ft, thence N 45° W 60 ft, thence N 334 feet, thence N 2° W 1400 ft, thence N 45° W 300 ft, thence N 95° W 500 ft, thence N 75° W 200 ft, thence west in old channel 500 ft, and terminating 450 ft south and 45 ft west of the NE corner of the NW quarter of the NW quarter of section 12, Twp. 17 N R. 4 E. (See open ditch below.)

Arm No. 1. Beginning 25 ft NE of the center of sec. 12, Twp. 17 N R. 4 E, run thence S 45° W 100 ft, and terminating in Main Ditch at sta 11450.

Arm No. 2. Beginning 51 rods W of the center of sec. 12, Twp. 17, N R. 4 E, run thence N 45° E, 630 ft, and terminating at sta 20 on Main Ditch.

Main Open Ditch. From sta 44 to sta 48 to be an open ditch 1 ft wide in the bottom with side slopes 1 to 1 or 45° all dirt, stakes, bushes, or anything taken from the ditch to be deposited not nearer than 2 ft from the back of the bank.

Requirements

Main Ditch To consist of one row of 10" drain tile from sta 0 to sta 11450 and one row of 12" drain tile from sta 11450 to sta 43790 and one row of 12" sewer tile from 43790 to sta 44, and an open drain 1 ft wide in bottom from sta 44 to sta 48 or terminus.

Arm No. 1. to consist of one row of 8" drain tile from sta 2 to sta 1 or terminus.

Arm No. 2. To consist of one row of 6" tile from sta 20 to sta 6+30 or terminus.

Where the arms connect with the main ditch they are to connect with V connections as specified in last.

Laying Tile, Filling Ditch & Etc.

All tile used in the construction of the ditch to be first class tile subject to the inspection and approval of the supt. in charge of the work and to be laid in the trench in a true line with

joints well matched and at proper grade as shown on the profile here to attached and marked "Exhibit B" and to be left until uncovered until inspected by the Supt. after which the trench shall be filled full. All trees to be removed and bushes cut for a distance of 25 feet on each side of the ditch. All work to be done in a first class and workman like manner and to the full satisfaction of the Supt. in charge of the ditch.

Fall of Established Grade.

Main Ditch

From sta 0 to sta 33	50/100 ft to each 100 ft.	
33	44 35/100	1.00
44	48 10/100	1.00
Arm 1	0 17/100	1.00
Arm 2	0 4+30 90/100	1.00