

Drain: MATHEWS UNDERWOOD Drain #: 1
 Improvement/Arm: TEO MCKINNEY
 Operator: J. LIVINGSTON Date: 3-18-04
 Drain Classification: Urban/Rural Year Installed: 1907

GIS Drain Input Checklist

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

March Term

Wed. Mich. 6-1907.

and that I am not interested in said proposed drainage, and that I am not in any way related to any of the parties likely to be affected thereby.

Location

Begin at a point 75 rods west of the north east corner of the south east quarter of the south east quarter of section 6, township 10, north, range 3 east, and run thence north 5 degrees east, 500 feet; thence north 60 degrees east, 500 feet; thence north 45 degrees east, 800 feet; thence north 75 degrees east, 400 feet; thence north 45 degrees east, 937 feet; and terminating in an open drain known as the McMath Witch about 70 rods south of the north west corner of the south east quarter of the north west quarter of section 5, township 10 north, range 3 east.

Requirements

Main ditch to consist of one row of 8 inch tile from station 0 to station 17 and one row of 10 inch tile from station 17 to station 19 and two rows of 10 inch tile from station 19 to station 40+45 and two rows of 17 inch tile from station 40+45 to station 63+75; all of which is in place and known as the Acres Underwood Witch and which is accepted as sufficient and made a part of the Ted M. McKinney Drain. And said ditch to consist of one row of 16 inch drain tile from station 63+75 to station 78, and one row of 70 inch tile from station 78 to station 95+77, and one row of 70 inch sewer tile from station 95+77 to station 95+37.

Arm No. 1 - Beginning about 20 rods north and 70 rods east of the south west corner of the north west quarter of the north east quarter of section 7, township 10 north, range 3 east, running thence north 85 degrees east, 600 feet; thence north 80 degrees east, 100 feet; thence north 40 degrees east, 600 feet; thence north 60 degrees east 400 feet; thence north 60 degrees east 100 feet; thence east 750 feet; thence north 35 degrees east 1750 feet; thence north 70 degrees east 300 feet; thence north 51 degrees east 150 feet; thence north 72 degrees east 80 feet; thence north 30 degrees west 170 feet; thence north 10 degrees west 350 feet; thence north 5 degrees west 340 feet; terminating in the main ditch

at station 78. Said arm to consist of one row of 8 inch

tile from station 0 to station 75 + 75, and two rows of 10 inch tile from station 75 + 75 to station 52 + 90, or terminus. All of which is in place and known as a part of the Anson Underwood Ditch and which is accepted as sufficient and which is hereby made a part of the Jed M. McKimy Drain.

Stone Wall.

At station 95 + 37 an main ditch to be constructed a stone retaining wall 15 x 6 x 2, with a wing at west end of same, dimensions as above to conform with drawing herewith attached. Said wall to be built from rock faced rough rubble and laid up in mortar made from one part Portland cement and 3 parts good sharp sand and so constructed as to receive the tile at the proper grade 18 inches above the base of the wall.

Laying Tile, Filling Ditch & Deadening, etc.

All the tile used in the construction of the ditch to be laid in the ditch in a true line with the joints well matched and at proper grade as shown by profile hereto attached and marked "Exhibit D," and to be left uncovered until inspected and accepted by the superintendent of construction; after same has been accepted to be covered with earth to the depth of 24 inches where the ditch runs in the old open channel and where ditch is new cut the trench to be filled full. All trees to be deadened and all bushes to be cut for a distance of one rod on each side of ditch. All work to be done in a first class workman like manner and to the full satisfaction of the superintendent in charge.

General Specifications.

Length of main ditch	9537 feet.
Length of tile in place and accepted.	6375 feet.
Length of new tile ditch.	3162 feet.
Length of Arm No. 1. all in place and accepted.	5290 feet.

Fall of Established Grade. $\frac{24864}{5}$

From station 73 + 75 to station 74	20/100
" " 74 " " 77	15/100
" " 77 " " 95 + 37	10/100