



## MUSKEGON COUNTY WATER RESOURCES COMMISSIONER

### SCHWEMER DRAIN

#### **NOTICE OF LETTING**

**DATE:** Tuesday, February 28<sup>th</sup>, 2023  
**TIME:** 10:30 a.m.  
**LOCATION:** Muskegon County Water Resources Commissioner's Office  
141 E. Apple Avenue, Muskegon, MI 49441

**QUESTIONS:** 616-743-7070

The Muskegon County Water Resources Commissioner will meet on the above date, time and location to receive construction bids for the Schwemer Drain. Bids will then be opened and publicly announced.

There will be a mandatory pre-bid meeting on February 21<sup>st</sup>, 2023 at 10:30 am.

The Schwemer Drain project will be let in one (1) section as follows, each section having the length, average depth and width as set forth:

Work shown on the drawings and specified herein generally described as:

- Open Drain Cleanout:
  - Total Length: 7710 LF
  - Average Depth: 0.5'-2' (measured from existing drain centerline to proposed drain centerline)
  - Average Width: 3'-4' (measured along proposed ditch bottom)
- Open Drain Construction:
  - Total Length: 188 LF
  - Average Depth: 0.5'-2' (measured from existing drain centerline to proposed drain centerline)
  - Average Width: 3'-4' (measured along proposed ditch bottom)
- Storm Sewer Lengths:
  - 48 LF of 12" HDPE
  - 942 LF of 18" (total)
    - 104 LF of RCP
    - 838 LF of HDPE
  - 1164 LF of 24" (total)
    - 228 LF of RCP
    - 936 LF of HDPE
  - Average depth: 3'-7'
- Culverts:
  - 24 LF of 24" RCP (1 total)
    - STA 2+50 on Branch Drain #2
  - 64 LF of 18" RCP (2 total)
    - STA 38+17 on main drain on Weber RD
    - STA 48+20 on main drain on Weber RD
  - Driveway Culverts (various locations along Weber and Fenner Rd):
    - 216 LF of 15" RCP (5 total)

- 240 LF of 18" RCP (9 total)
- 264 LF of 24" RCP (6 total)
- Average depth: 3'

This Notice of Letting, the plans, specifications and bid proposal shall be considered a part of the Contract. The Contract will be let in accordance with the Contract Documents now on file at the Muskegon County Water Resources Commissioner's Office, 141 E. Apple Avenue, Muskegon, MI 49441 and Eng., Inc. office at 16930 Robbins Road, Suite 105, Grand Haven, MI 49417 and available to interested parties. Bids will be made and received in accordance with these documents. Bidding Documents, including plans and specifications, may be examined at the following locations:

Eng., Inc. offices at 16930 Robbins Road, Suite 105, Grand Haven, MI 49417

Copies of Bidding Documents may only be obtained upon payment of a \$40 non-refundable deposit. An additional non-refundable charge of \$15 will be required for sending out Bidding Documents.

Bid security in the amount, form and subject to the conditions provided in the Instructions to Bidders must be submitted with each Bid.

The Contract will be awarded to the lowest responsive and responsible bidder giving adequate security for the performance of the work and meeting all conditions represented in the Instructions to Bidders. The Contract completion date and the terms of payment will be announced at the time and place of letting. If no satisfactory bids are received, we reserve the right to reject any and all bids and to adjourn to a time and location as we shall announce.

The following is a description of the several tracts or parcels of lands constituting the Schwemer Drain Drainage District:

THAT PART OF SECTIONS 9, 10, 15, 16, 21, AND 22 OF LAKETON TOWNSHIP, TOWNSHIP 10 NORTH, RANGE 17 WEST, MUSKEGON COUNTY, MICHIGAN, MORE PARTICULARLY DESCRIBED AS:

BEGINNING AT A POINT 602 FEET SOUTH AND 89 FEET WEST OF THE NORTHEAST CORNER OF SECTION 21 OF LAKETON TOWNSHIP, TOWNSHIP 10 NORTH, RANGE 17 WEST, MUSKEGON COUNTY, MICHIGAN, THENCE N 3°19'47" E 115.74 FEET, THENCE N 22°39'39" W 219.32 FEET, THENCE N 20°56'46" E 113.60 FEET, THENCE N 69°03'14" W 77.45 FEET, THENCE N 17°51'24" W 64.22 FEET, THENCE N 16°48'19" E 94.53 FEET, THENCE N 37°47'19" W 288.36 FEET, THENCE N 2°10'40" E 439.70 FEET, THENCE N 60°18'20" W 218.72 FEET, THENCE N 42°13'17" E 137.22 FEET, THENCE S 80°24'42" E 216.11 FEET, THENCE N 24°49'39" W 104.13 FEET, THENCE N 56°43'22" E 121.63 FEET, THENCE N 1°40'34" E 126.24 FEET, THENCE N 47°29'36" E 87.05 FEET, THENCE N 18°21'47" E 193.06 FEET, THENCE N36°13'25"W 205.88 FEET, THENCE N 20°22'48" E 188.41 FEET, THENCE N 45°05'47" W 274.46 FEET, THENCE N 0°59'37" W 86.57 FEET, THENCE N 32°02'21" E 170.87 FEET, THENCE N 21°00'24" E 200.30 FEET, THENCE N 29°19'12" W 93.51 FEET, THENCE N 3°15'22" E 241.31 FEET, THENCE N 19°47'39" W 81.30 FEET, THENCE N 29°03'50" E 123.50 FEET, THENCE N 66°55'34" W 298.06 FEET, THENCE S 85°34'35" W 285.71 FEET, THENCE N 28°32'04" W 289.63 FEET, THENCE N 8°43'21" E 105.93 FEET, THENCE S 53°27'48" E 175.62 FEET, THENCE S 85°21'50" E 198.29 FEET, THENCE N 76°37'40" E 296.57 FEET, THENCE N 32°20'24" E 62.47 FEET, THENCE N 26°27'53" W 245.09

FEET, THENCE N 88°50'20" W 254.19 FEET, THENCE N 69°08'40" W 136.08 FEET, THENCE N 7°05'24" W 118.45 FEET, THENCE N 36°02'37" E 248.63 FEET, THENCE N 54°48'20" W 351.74 FEET, THENCE N 14°37'21" E 206.24 FEET, THENCE N 1°52'37" W 173.91 FEET, THENCE N 4°35'10" E 83.48 FEET, THENCE N 25°39'15" W 230.43 FEET, THENCE S 76°33'52" W 270.19 FEET, THENCE N 47°15'32" W 490.87 FEET, THENCE N 68°22'01" W 498.03 FEET, THENCE N 1°58'30" W 98.04 FEET, THENCE N 61°45'17" E 210.79 FEET, THENCE N 15°23'31" W 252.12 FEET, THENCE N 23°29'00" E 430.76 FEET, N 6°34'11" E 241.63 FEET, THENCE N 67°20'28" E 98.20 FEET, THENCE N 34°29'54" E 90.15 FEET, THENCE N 4°45'16" W 232.80 FEET, THENCE N 87°32'16" E 342.74 FEET, THENCE N 60°01'52" E 412.68 FEET, THENCE N 22°32'38" W 258.91 FEET, THENCE N 65°12'02" E 130.95 FEET, THENCE N 41°27'29" W 282.76 FEET, THENCE N 26°12'57" E 246.99 FEET, S 74°34'54" E 233.92 FEET, THENCE N 49°27'52" E 46.84 FEET, THENCE N 16°34'42" W 109.39 FEET, THENCE N 14°02'24" E 105.50 FEET, THENCE N 57°18'28" W 170.54 FEET, THENCE N 14°12'59" W 139.56 FEET, THENCE N 71°33'59" W 215.48 FEET, THENCE N 41°43'56" W 308.94 FEET, THENCE N 6°09'14" W 309.82 FEET, THENCE N 47°41'00" E 284.66 FEET, THENCE N 36°00'21" E 241.83 FEET, THENCE S 85°16'22" E 227.53 FEET, THENCE N 52°28'22" E 94.14 FEET, THENCE S 85°15'03" E 137.19 FEET, THENCE N 62°39'18" E 61.56 FEET, THENCE N 3°19'42" W 138.58 FEET, THENCE N 61°29'28" E 201.32 FEET, THENCE S 89°27'28" E 175.80 FEET, S 52°53'25" E 422.54 FEET, THENCE S 71°37'10" E 91.03 FEET, THENCE N 57°27'57" E 151.16 FEET, THENCE S 62°50'53" E 321.41 FEET, THENCE N 71°49'36" E 74.97 FEET, THENCE N 88°54'19" E 183.76 FEET, THENCE S 62°01'06" E 84.50 FEET, THENCE S 26°35'54" E 205.13 FEET, THENCE S 8°47'39" E 269.29 FEET, THENCE S 76°59'33" E 134.77 FEET, THENCE S 30°03'25" E 150.65 FEET, THENCE N 84°59'56" E 61.23 FEET, THENCE S 49°28'07" E 84.27 FEET, THENCE S 12°04'15" W 157.19 FEET, THENCE S 10°28'19" E 99.18 FEET, THENCE S 43°58'57" E 83.33 FEET, THENCE S 21°23'49" E 102.97 FEET, THENCE S 37°28'14" W 197.26 FEET, THENCE S 35°01'54" E 327.65 FEET, THENCE S 45°57'43" W 57.14 FEET, THENCE S 80°39'59" W 122.80 FEET, THENCE S 22°08'06" E 123.67 FEET, THENCE S 21°01'00" W 64.12 FEET, THENCE S 11°55'50" E 96.13 FEET, THENCE S 52°55'57" W 156.09 FEET, THENCE N 86°18'35" W 159.39 FEET, THENCE S 64°12'06" W 103.72 FEET, THENCE S 24°34'57" W 119.91 FEET, THENCE S 0°14'04" W 86.43 FEET, THENCE S 79°39'15" W 119.96 FEET, THENCE S 31°11'56" W 223.01 FEET, THENCE S 39°03'22" E 227.00 FEET, THENCE N 88°53'44" E 396.41 FEET, THENCE S 27°13'58" E 274.30 FEET, THENCE S 19°48'45" E 570.42 FEET, THENCE S 42°40'29" W 129.85 FEET, THENCE S 38°28'20" E 141.95 FEET, THENCE S 16°25'01" W 118.42 FEET, THENCE S 89°44'22" E 437.33 FEET, THENCE S 1°26'23" E 68.56 FEET, THENCE S 74°25'40" W 99.77 FEET, THENCE S 11°58'56" W 137.83 FEET, THENCE S 86°58'41" W 176.23 FEET, THENCE S 69°43'59" W 151.87 FEET, THENCE S 14°02'14" E 134.11 FEET, THENCE S 28°29'42" W 176.38 FEET, THENCE S 87°25'01" W 260.31 FEET, THENCE S 26°16'16" W 100.11 FEET, N 88°33'32" W 121.19 FEET, THENCE S 51°33'46" W 384.17 FEET, THENCE S 8°01'56" E 262.95 FEET, THENCE S 30°03'50" W 138.89 FEET, THENCE S 55°59'57" W 124.97 FEET, THENCE S 19°35'17" W 177.22 FEET, THENCE S 67°16'12" E 373.91 FEET, THENCE S 32°04'32" E 332.34 FEET, THENCE S 18°48'38" E 240.31 FEET, THENCE S 43°25'23" E 70.74 FEET, THENCE S 10°31'11" W 163.16 FEET, THENCE S 54°02'28" E 177.59 FEET, THENCE S 3°34'04" W 213.04 FEET, THENCE S 27°42'29" E 354.14 FEET, THENCE S 18°51'44" W 107.57 FEET, THENCE S 70°02'06" W 81.98 FEET, THENCE S 11°18'26" E 129.98 FEET, THENCE S 87°36'36" E 129.05 FEET, THENCE S 1°20'23" W 160.16 FEET, THENCE S 65°12'51" E 106.72 FEET, THENCE S 26°37'47" W 410.98 FEET, THENCE S 71°36'38" W 385.97 FEET, THENCE S 19°45'11" E 304.49 FEET, THENCE S 0°42'24" W 679.19 FEET, THENCE S 6°42'11" W 337.26 FEET, THENCE S 27°35'49" W 131.73 FEET, THENCE S 68°02'43" W 177.97 FEET, THENCE S 0°42'46" W 93.50 FEET, THENCE S 81°40'00" W 94.76 FEET, THENCE N 50°31'51" W 221.34 FEET, THENCE N 79°20'47" W 109.31 FEET, THENCE S 59°21'51" W 108.91 FEET, THENCE N 74°42'53" W 127.11 FEET, THENCE N 52°11'17" W 137.49 FEET, THENCE S 82°10'12" W 115.81

FEET, THENCE S 4°42'30" W 79.56 FEET, THENCE S 52°19'30" W 350.55 FEET, THENCE S 21°36'50" E 74.62 FEET, THENCE S 20°42'42" E 151.35 FEET, THENCE N 87°07'34" W 105.80 FEET, TO THE POINT OF BEGINNING.

CONTAINING 478.6 ACRES MORE OR LESS.

THE BASIS OF THIS DESCRIPTION WAS THE MUSKEGON COUNTY GIS MAPPING SYSTEM AND IS SUBJECT TO ITS ACCURACY.

PREPARED BY: ENG., INC.

DATED: 2/2/23