



NOTICE OF LETTING OF DRAIN CONTRACT

WATSON AND WATSON DRAIN: CHRIS J. DRIVE BRANCH

NOTICE IS HEREBY GIVEN, That I, Richard Wagner, Eaton County Drain Commissioner, will at the office of the Eaton County Drain Commissioner, 1045 Independence Blvd., Charlotte, Michigan, 48813 receive sealed bids until **2:00 p.m. on December 15, 2022**, when bids will be opened and publicly announced for the construction of the Watson and Watson Drain: Chris J. Drive Branch Maintenance and Improvements.

The Watson and Watson Drain: Chris J. Drive Branch project will be let in six section(s), each section having the length, average depth and width as set forth:

	Sections	Length (ft)	Average Trench Depth (ft)	Diameter (in)	Type
1	Cindy Drive	198	5	12	RCP
2-1	Chris J Drive	40	8	12	RCP
2-2	Chris J Drive	181	3	12	HDPE
2-3	Chris J Drive	12	5	6	HDPE
3	Karen Lee Dr.	56	3	12	RCP
4-1	Harrison Ct.	76	3	12	RCP
4-2	Harrison Ct.	32	3	12	HDPE
5-1	Worthmore Ave.	150	5	12	RCP
5-2	Worthmore Ave.	383	8	12	HDPE

IT IS UNDERSTOOD THAT THE FOLLOWING QUANTITIES ARE APPROXIMATE AND THAT FINAL PAYMENT WILL BE BASED ON MEASURED QUANTITIES:

STORM SEWER CONSTRUCTION (Furnish and Install)

Estimated

Quantity	Unit	Description
1	Ea	Dr Structure, Rem
106	Ft	Sewer, Rem, Less than 24 inch, Modified
1	Ea	Sewer, End, Rem, Less than 24 inch
180	Ft	Sewer, Abandon
450	Ft	Swale, Regrade
75	Ft	Berm Grading
12	Ft	Sewer, HDPE, 6 inch, Tr Det A (Install Only)
545	Ft	Sewer, HDPE, 12 inch, Tr Det A (Install Only)
30	Ft	Sewer, HDPE, 12 inch, Freebore (Install Only)
254	Ft	Sewer, RCP, 12 inch, Tr Det A
298	Ft	Sewer, RCP, 12 inch, Tr Det B
17	Cyd	Trench Undercut and Backfill (As Directed)
2	Ea	Dr Structure, 24 inch dia
2	Ea	Dr Structure, 24 inch dia, w/2 foot Sump
1	Ea	Dr Structure, 48 inch dia

6	Ea	Dr Structure, 48 inch dia, w/2 foot Sump
2	Ea	Dr Structure, 48 inch dia, w/2 foot Sump, Over Existing
4	Ea	Dr Structure, Maintenance Basin, 24 inch dia
3	Ea	Dr Structure, Maintenance Basin, 24 inch dia, w/2 foot Sump
1	Ea	Dr Structure, Standpipe, 24 inch dia
3	Ea	Dr Structure Cover, Type B
10	Ea	Dr Structure Cover, Type G
5	Ea	Dr Structure, Tap, 12 inch
20	Ea	Dr Structure Cleaning
14	Ea	Dr Structure Cover, Adj, Case 1, Modified
7	Ft	Dr Structure, Chimney, Rem and Replace
4	Ea	Dr Structure, Repairs and Improvements
2	Ea	Concrete Cradle (As Directed)

ROAD CONSTRUCTION (Furnish and Install)

Estimated

<u>Quantity</u>	<u>Unit</u>	<u>Description</u>
6	Syd	Pavt, Rem
15	Ft	Curb and Gutter, Rem
38	Cyd	Subgrade Undercutting, Type IV, Modified (As Directed)
1,154	Syd	Aggregate Base, 8 inch
109	Syd	Road Grade Biaxial Geogrid (As Directed)
1,117	Syd	HMA Surface, Rem
341	Ton	HMA, MDOT 13A
6	Syd	Driveway, Nonreinf Conc, 6 inch, Modified
15	Ft	Curb and Gutter, Conc, Match Existing

SOIL EROSION AND SEDIMENT CONTROL (Furnish and Install)

Estimated

<u>Quantities</u>	<u>Unit</u>	<u>Description</u>
100	Ft	Erosion Control, Silt Fence (As Needed)
25	Ea	Erosion Control, Inlet Protection, Fabric Drop (As Needed)

WATER MAIN CONSTRUCTION (Furnish and Install)

Estimated

<u>Quantities</u>	<u>Unit</u>	<u>Description</u>
80	Ft	Remove Existing Water Main
40	Ft	Abandon Water Main, 6 inch
4	Ea	Existing Water Main, Cut and Cap, 6 inch
1	Ea	Hydrant, Rem
132	Ft	Water Main, DI, 6 inch, OC
4	Ea	Water Main Connection, 6 inch to Existing 6 inch
1	Ea	Fire Hydrant Assembly, Complete
1	Ea	Gate Valve and Box, 6 inch

MISCELLANEOUS (Furnish and Install)

Estimated

<u>Quantities</u>	<u>Unit</u>	<u>Description</u>
1	LS	Permit Allowance
1	LS	Mobilization (Max 5%)
1	LS	Clearing (As Needed)
8	Ea	Tree, Rem, 6 inch to 18 inch (As Needed)
1	Ea	Tree, Rem, 19 inch to 18 inch (As Needed)
8	Ea	Mailbox, Rem, Salv and Reinstall (As Needed)
1	Ea	Sign, Rem, Salv, and Reinstall (As Needed)
120	Ft	Fence, Rem, Salv and Reinstall (As Needed)
110	Sft	Driveway Pavers, Rem, Salv and Reinstall (As Needed)
1	LS	Exploratory Investigation Allowance
130	Cyd	Fill, Clean
39	Ton	Maintenance Gravel (As Needed)
1	Ea	Temporary Gravel Access Approach
8	Ea	Post, Mailbox (As Needed)
732	Ft	Fence, Protective (As Needed)
1	LS	Traffic Control and Maintenance
5	Ea	Pinus Nigra, 8 foot
1	LS	Site Restoration
44	Day	Observation Crew Days

The bidding documents required for bidding purposes may be obtained from the Eaton County Drain Commissioner's Office, 1045 Independence Blvd., Charlotte, Michigan, 48813 beginning November 23, 2022, and at the mandatory pre-bid meeting. Paper copies are available for a \$50.00 fee. Electronic bidding documents are free of charge and are available at:

<https://www.dropbox.com/scl/fo/1vp1zowrurp31f7fhv51o/h?dl=0&rlkey=x48sfelp0kmjmwv4z47zci1j>

Bidders must obtain bidding documents on or before December 15, 2022.

NOTE TO CONTRACTORS

A **mandatory** pre-bid meeting will be held on December 7, 2022, at 12:00 p.m. at the Delta Charter Township Offices at 7710 West Saginaw Hwy, Lansing, Michigan, 48917. The OWNER and ENGINEER will be present to discuss the project. Prospective bidders are required to attend and participate in the conference. All bidders must sign in by name of attendee and business represented. Only bids from bidders in attendance at the pre-bid conference will be opened. All others will be considered non-responsive.

The Contract will be made with the lowest responsible bidder giving adequate security for the performance of the work, in the sum as specified in the bidding documents. If no satisfactory bids are received, I reserve the right to reject any and all bids and to adjourn to a time and location as I shall announce.

The date for the completion of such contract and the terms of payment are contained in the contract specifications. Any responsible person desiring to bid on the above-mentioned work will be required to deposit Bid Surety in the amount specified in the bidding documents as a guarantee that they will enter into contract and furnish the required bond as prescribed by the contract specifications and by applicable law. All bids shall remain open for one hundred twenty (120) days after the day of the bid opening, but I reserve the right at my sole discretion to release any bid and bid security before that date.

The following is a description of the several tracts or parcels of land constituting the Watson and Watson Drain: Chris J. Drive Branch Drainage District:

Section 11
Delta Charter Township, T.4N., R.3W., Eaton County, Michigan

Beginning at a point on the East – West 1/4 line of Section 11, Delta Charter Township, T.4N., R.3W., Eaton County, Michigan, which is 888.92 feet, S 89° 39' 42" E, of the West 1/4 corner of Section 11; thence N 00° 50' 06" E 7.64 feet; N 89° 54' 44" E 640.18 feet; thence S 00° 56' 42" W 73.90 feet; thence N 89° 46' 19" E 48.56 feet; thence S 01° 34' 38" W 59.01 feet; thence S 87° 33' 31" E 38.08 feet; thence S 89° 06' 10" E 47.39 feet; thence S 00° 22' 25" W 50.32 feet; thence S 00° 47' 41" W 122.40 feet; thence S 00° 40' 19" W 351.26 feet; thence N 89° 14' 00" W 151.58 feet; thence N 89° 40' 12" W 83.98 feet; thence S 01° 31' 37" W 304.22 feet; thence N 89° 22' 15" W 70.02 feet; thence S 01° 16' 26" W 384.15 feet; thence S 11° 12' 05" E 31.47 feet; thence S 00° 40' 19" W 653.49 feet; thence S 31° 40' 01" E 195.18 feet; thence S 35° 34' 46" W 182.28 feet; thence S 55° 32' 13" W 37.23 feet; thence S 35° 24' 05" W 149.78 feet; thence S 00° 31' 00" W 113.04 feet; thence N 89° 40' 58" W 710.09 feet; thence N 00° 49' 19" E 598.81 feet; thence S 89° 27' 34" E 100.21 feet; thence N 76° 34' 00" E 89.76 feet; thence N 45° 01' 23" E 35.48 feet; thence N 54° 25' 14" W 117.64 feet; thence N 35° 34' 46" E 225.03 feet; thence N 34° 08' 28" W 134.45 feet; thence S 89° 01' 44" E 149.33 feet; thence N 00° 42' 50" E 255.28 feet; thence S 89° 03' 14" E 28.35 feet; thence N 00° 56' 46" E 91.55 feet; thence N 89° 02' 39" W 89.99 feet; thence N 00° 56' 46" E 65.16 feet; thence N 89° 09' 09" W 179.98 feet; thence N 88° 59' 24" W 547.70 feet; thence N 00° 50' 06" E 65.99 feet; thence S 88° 58' 36" E 75.19 feet; thence N 00° 50' 06" E 855.89 feet; thence S 89° 56' 04" W 75.20 feet; thence N 00° 50' 06" E 140.47 feet; thence N 89° 55' 41" E 826.92 feet; thence N 00° 50' 06" E 95.09 feet; to the Point of Beginning. Containing 58.21 acres., more or less. Subject to easements, covenants, conditions, restrictions and/or reservations of record, if any.

Section lines were not field verified. Bearings and distances are based on Eaton County GIS information.