

**NOTICE OF LETTING DRAIN CONTRACT
AND
NOTICE OF DAY OF REVIEW OF DRAINAGE DISTRICT BOUNDARIES
AND
NOTICE OF DAY OF REVIEW OF APPORTIONMENTS**

MOON DRAIN

NOTICE IS HEREBY GIVEN that on **January 15, 2015**, I, Christine Kosmowski, Calhoun County Water Resources Commissioner, will receive construction bids from 9:00 a.m. until 2:00 p.m. at the Office of the Calhoun County Water Resources Commissioner, 315 West Green Street, Marshall, Michigan 49068. Bids will then be opened and publicly announced for the construction of a certain drain known and designated as the "Moon Drain."

Said Drain is let in one Section(s) as follows, each section having the length, average depth and width as set forth:

Beginning at the lower end of the Moon Drain a rock ford crossing at station -4+50. No work will take place from Station -4+40 to Station -0+40. Beginning at Station -0+40 to 0+35 improvement of an existing culvert. No work will take place from Station 0+35 to Station 5+25. Then continuing from Station 5+25 to Station 5+55, consisting of a 30" metal pipe. No work will take place from Station 5+55 to Station 13+85. At Stations 13+90, 18+25, & 22+40 rock ford crossings. No work between stations 5+55 and 21+ 90 except clearing and aforementioned rock ford crossings. Beginning at Station 21+90 and extending to Station 23+75, consisting of drain establishment with a bottom width of 3.5 feet, 2:1 side slopes, and an average depth of 0.75 feet. No work between stations 23+75 and 29+75 except clearing. At Station 29+75 a rock ford crossing. Beginning at Station 29+85 and extending to Station 31+50, consisting of drain establishment with a bottom width of 3 feet, 2:1 side slopes, and an average depth of 0.75 feet. No work between stations 31+50 and 36+50 except clearing and rock ford crossing at Station 34+95. Beginning at Station 36+50 and extending to Station 37+90, consisting of drain establishment with a bottom width of 8 feet, 2:1 side slopes, and an average depth of 0.5 feet. Beginning at Station 37+90 and extending to Station 43+18, consisting of drain establishment with a bottom width of 2 feet, 4:1 side slopes, and an average depth of 0.5 feet. Then continuing from Station 43+18 to Station 43+94, consisting of a 27"x44" reinforced concrete arch culvert. Beginning at Station 43+94 and extending to Station 44+90, consisting of drain establishment with a bottom width of 8 feet, 3:1 side slopes, and an average depth of 2 feet. Then continuing from Station 44+90 to Station 46+61, consisting of a 30" CPE culvert with an average depth of 3.5 feet. Beginning at Station 46+61 and extending to Station 47+36, consisting of drain establishment with a bottom width of 8 feet, 3:1 side slopes, and an average depth of 2.5 feet. Then continuing from Station 47+36 to Station 47+76, consisting of a 23"x36" reinforced concrete arch culvert. Beginning at Station 47+76 and extending to Station 55+60, consisting of drain establishment with a bottom width of 3 feet, 6:1 side slopes, and an average depth of 1 feet. Then continuing from Station 55+60 to Station 56+10, consisting of a 23"x36" reinforced concrete arch culvert. Beginning at Station 56+20 and extending to Station 56+54 consisting of a 24" CSP culvert with an average depth of 3 feet. Beginning at Station 56+54 and extending to Station 57+01, consisting of drain establishment with a "V" bottom, 4:1 side slopes, and an average depth of 1 foot. Beginning at Station 57+01 and extending to Station 57+26 consisting of a 24" CSP culvert with an average depth of 3 feet. Beginning at Station 57+26 and extending to Station 59+77, consisting of drain establishment with a "V" bottom, 3:1 side slopes, and an average depth of 1.5 feet.

All stations are 100 feet apart.

In the construction of the Drain, the following quantities for tile or pipe will be necessary and contracts will be let for same. The following quantities are approximate and final payment will be made on measured quantities.

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	Mobilization	LS	1
2	Traffic Control	LS	1
3	Road Permit	LS	1
4	Soil Erosion & Sedimentation Control	LS	1
5a	Clearing	STA	20
5b	Clearing, West	STA	6
6	Strip and Stockpile Topsoil	SYD	700
7	Temporary Access Road	LS	1
8	Pavement Removal	SYD	176
9	Culvert Removal	EA	5
10	Miscellaneous Rubble Removal	CYD	5
11a	Drain Establishment, Lawn	FT	744
11b	Drain Establishment, Other	FT	1007
12a	Storm Sewer, 24" CSP	FT	109
12b	Storm Sewer, 30" CPE	FT	171
12c	Storm Sewer, 23"x36" RC Arch Pipe	FT	91
12d	Storm Sewer, 27"x44" RC Arch Pipe	FT	80
13a	End Section, 24" CSP	EA	9
13b	End Section, 30" CSP	EA	2
13c	End Section, 23"x36" RC Arch Pipe	EA	4
13d	End Section, 27"x44" RC Arch Pipe	EA	2
14	Steel Headwall	LS	1
15	Riprap	SYD	121
16	Scourstop	SYD	230
17	Rock Ford Crossing	SYD	364
18	Aggregate Base, 22A 8" CIP	SYD	209
19	HMA, 13A	TON	45
20	Concrete Drive	SYD	9
21a	Turf Establishment, Lawn	SYD	500
21b	Turf Establishment, Other	SYD	275

No bridges are required as part of the project.

There is one contract being let for all construction, which will include all material necessary to perform the work. This contract will be let in accordance with the Contract Documents now on file in the office of the Calhoun County Water Resources Commissioner and available to interested parties. Bid will be made and received in accordance with these documents.

Bidding Documents may be examined at the following locations:

Civil Engineers, Inc.
14250 Beadle Lake Road, Suite 150
Battle Creek, Michigan 49014
(269) 962-5127

Calhoun County Water Resources Commissioner's Office
315 West Green Street
Marshall, Michigan 49068
(269) 781-0790

Copies of Bidding Documents may only be obtained at the office of Civil Engineers, Inc., the Project Engineer, at 14250 Beadle Lake Road, Suite 150, Battle Creek, Michigan 49014, upon payment of a \$35.00 dollars non-refundable deposit. An additional non-refundable charge of \$20.00 will be required for sending out Bidding Documents.

Bid security in the amount (5%), form and subject to the conditions provided in the Instruction to Bidders must be submitted with each Bid. Bids may not be withdrawn for a period of 60 days after the actual date of opening thereof. This time period may be extended by mutual agreement of the OWNER and any Bidder or Bidders. The checks of all unsuccessful bidders will be returned after contracts are awarded.

Contracts will be entered into with the lowest responsible bidder giving adequate security for the performance of the work and meeting all conditions represented in the Instructions to Bidders. I reserve the right to reject any and all bids, and to adjourn the letting to such time and place as I shall publicly announce.

The date for completion of the contract, and the terms of payment pursuant to the contract, will be announced at the time and place of letting. The payments for the above-mentioned work will be made based upon completion of Unit Price work on a monthly basis as outlined in the Contract Documents.

NOTICE IS FURTHER HEREBY GIVEN that on **January 29, 2015**, the Calhoun County Water Resources Commissioner will hold a Day of Review of Drainage District Boundaries from 9:00 a.m. until 5:00 p.m. at the Office of the Calhoun County Water Resources Commissioner, 315 West Green Street, Marshall, Michigan 49068, to hear the proofs and allegations and to carefully reconsider and review the description of lands comprising the Drainage Districts for the Moon Drain, and determine whether the addition and/or deletion of lands will more accurately define the boundaries of the land benefitted by the Drain, and whether such addition and/or deletion of lands is just and equitable pursuant to Section 197 of Act No. 40, P.A. 1956, as amended.

A general description of the lands by section number proposed to be added or deleted as recommended by a licensed professional engineer or surveyor for the Drains is as follows:

Drain Name	Municipalities	Portions of Sections Added	Portions of Sections Removed
Moon Drain	Emmett Township	28, 29, 32	28, 29

A map depicting the proposed revisions to the boundaries of the Drainage District is enclosed and can also be reviewed at: www.calhouncountymi.gov/government/water_resources/.

You Are Further Notified that persons aggrieved by the decision of the Water Resources Commissioner as to the addition and/or deletion of lands to the Drainage District may seek judicial review in the Calhoun County Circuit Court within ten (10) days of the decision.

NOTICE IS FURTHER HEREBY GIVEN that on **January 29, 2015**, the Calhoun County Water Resources Commissioner will also hold a Day of Review of Apportionments from 9:00 a.m. until 5:00 p.m. at the Office of the Calhoun County Water Resources Commissioner, 315 West Green Street, Marshall, Michigan 49068, for benefits of land within the Moon Drain Drainage District.

The computation of costs for the Drain will also be available for review. The Water Resources Commissioner will have available to review the tentative apportionments against parcels and municipalities within the Drainage District. Drain assessments against land will be collected in the same manner as property taxes. If the collection period is greater than one year, the land owner may pay the

assessments in full with any interest to date at any time and thereby avoid further interest charges.

Any property owner within the Drainage District, Road Commission representative, representative from the Michigan Department of Transportation, Township, City, Village or County wishing to be heard or wishing to inspect the computation of costs with respect to the special assessments may appear during the day and time specified.

You Are Further Notified that persons aggrieved by the decisions of the Water Resources Commissioner as to the apportionment of benefits for the Drain may appeal to the Calhoun County Probate Court within ten (10) days of the decision.

Persons with disabilities needing accommodations for effective participation in the meetings should contact the Calhoun County Water Resources Commissioner's Office at the number noted below (voice) or through the Michigan Relay Center at 1-800-649-3777 (TDD) at least 24 hours in advance of the meeting to request mobility, visual, hearing or other assistance.

The following is a description of the several tracts or parcels of lands constituting the Special Assessment District of the Drain, as well as a list of any county, township, city, village and state department to be assessed at large:

The Moon Drain Drainage District is located in Sections 28, 29, 32, and 33 of Emmett Township, T2S, R7W, Calhoun County, Michigan.

The Point of Beginning of said district is S 0°04' E, 322' and S 89°35' E, 584' from the W ¼ corner of Section 29; thence S 89°06' E, 437'; thence S 85°51' E, 167'; thence N 21°14' E, 158'; thence S 44°48' E, 274'; thence N 90°00' E, 105'; thence S 46°38' E, 115'; thence S 07°02' E, 91'; thence S 69°39' E, 99'; thence N 82°31' E, 555'; thence N 26°00' E, 562' to the E/W ¼ line of Section 29, 113' from the center of said section; thence continuing N 26°00' E, 259' to the N/S ¼ line of said section, 233' from said center; thence N 79°07' E, 108'; thence S 42°13' E, 344' to the E/W ¼ line of Section 29, 338' from said center; thence continuing S 42°13' E, 29'; thence S 82°20' E, 792'; thence S 48°16' E, 514'; thence S 28°59' E, 319'; thence N 70°15' E, 280'; thence S 89°35' E, 243'; thence S 52°57' E, 200'; thence N 79°42' E, 313' to the W line of Section 28, 712' from the W ¼ corner of said section; thence continuing N 79°42' E, 203'; thence N 30°46' E, 487'; thence S 35°25' E, 209'; thence N 76°01' E, 412'; thence N 29°55' E, 140'; thence N 45°56' E, 220'; thence S 89°10' E, 99'; thence S 02°55' E, 664'; thence S 64°00' E, 262'; thence N 88°13' E, 1091' to the N/S ¼ line of Section 28, 796' from the center of said section; thence continuing N 88°13' E, 18'; thence N 45°14' E, 292'; thence N 85°03' E, 288'; thence N 07°05' E, 269'; thence N 37°52' E, 115'; thence N 78°04' E, 394'; thence S 76°29' E, 130'; thence N 58°02' E, 280'; thence S 64°59' E, 137'; thence S 48°53' E, 41'; thence S 15°07' W, 261'; thence S 28°43' E, 45'; thence S 71°54' E, 266'; thence S 22°28' E, 212'; thence S 89°57' E, 210'; thence S 67°33' E, 132'; thence S 59°00' E, 94'; thence S 19°19' W, 286'; thence S 52°09' W, 99'; thence S 00°00' W, 154'; thence S 43°40' W, 654'; thence S 01°07' E, 152'; thence S 70°40' W, 187'; thence S 22°20' W, 242'; thence S 10°09' E, 499' to the N line of Section 33, 1241' from the NE corner of said section; thence S 30°08' W, 1083'; thence N 88°42' W, 870' to the N/S line of Section 33, 922' from the N ¼ corner of said section; thence continuing N 88°42' W, 297'; thence S 41°08' W, 2294' to the E/W ¼ line of Section 33, 845' from the W ¼ corner of said section; thence S 76°52' W, 782'; thence N 57°50' W, 339' to the E/W ¼ line of Section 32, 204' from the E ¼ corner of said section; thence continuing N 57°50' W, 2080'; thence N 26°39' W, 505'; thence N 89°47' W, 462'; thence N 00°14' W, 1088' to the S line of Section 29, 5' E of the S ¼ corner of said section; thence continuing N 00°14' W, 5'; thence N 70°11' W, 49'; thence N 89°58' W, 1288'; thence N 45°40' W, 917'; thence N 00°04'

W, 183'; thence N 19°45' E, 313'; thence N 54°08' W, 606'; thence N 20°05' E, 895' to the Point of Beginning. District is 722 acres±.

Section lines and plat lines were not field verified and are based on parcel information received from Emmett Township.

EMMETT TOWNSHIP AT LARGE
CALHOUN COUNTY AT LARGE

This notice is pursuant to Sections 154 and 197 of Public Act 40 of 1956, as amended, and Public Act 162 of 1962, as amended.

Dated: December 22, 2014

Christine Kosmowski
Calhoun County Water Resources Commissioner
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Marshall, MI 49068
(269) 781-0790