

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES MEETING  
THURSDAY, MARCH 1, 2018  
7:00 P.M.**

**AGENDA**

- I. CALL TO ORDER / PLEDGE ALLEGIANCE
- II. CITIZEN PARTICIPATION
- III. APPROVAL OF BOARD MEETING MINUTES – FEBRUARY 1, 2018
- IV. REVIEW AND APPROVE AGENDA
- V. PRESENTATION OF 2018-2019 FISCAL YEAR GENERAL FUND BUDGET
  - A. Public Hearing
  - B. Township Officers Salary Resolutions
  - C. General Appropriations Act Resolution
- VI. NEW BUSINESS
  - A. Broadband Committee Appointments
  - B. Year-End Budget Amendments
  - C. Financials, Approve Disbursements from February 1, 2018 through February 28, 2018
  - D. Beckett & Raeder, Inc. Contract for General Engineering Services
  - E. Stantec Consulting Inc. Termination of Master Services Agreement
  - F. Board of Trustees Regular Meeting Dates Resolution
  - G. Allow Residents to Protest in Writing to Board of Review Resolution
  - H. Sewer Connection Fee Schedule Resolution
- VII. REPORTS & CORRESPONDANCE
  - A. Public Safety Report – Written report from Sheriff’s Department
  - B. Supervisor’s Report
  - C. Assessor’s Report
  - D. Clerk’s Report
  - E. Treasurer’s Report
  - F. Trustees’ Report
  - G. Zoning Administrator’s Report – Written report from Rodney Nanney
  - H. Planning Commission Report – Minutes included in Board packet
  - I. Farmland Preservation Board Report – No meeting in February due to lack of quorum.
- VIII. CITIZEN PARTICIPATION
- IX. ADJOURNMENT

## Bridgewater Township Board of Trustees Minutes

### I. CALL TO ORDER

1-Feb-18 meeting called to order by Supervisor Fromhart at 7:00 p.m. followed by the Pledge of Allegiance at Bridgewater Township Hall, 10990 Clinton Road, Manchester, MI.

Present: Trustee Faust; Trustee Fromhart; Trustee Oliver; Trustee McQueer; Trustee Wharam

Absent: None

Citizen attendance: 4

### II. CITIZEN PARTICIPATION

- None

### III. APPROVAL OF MINUTES

- Motion to approve the 4-Jan-18 meeting minutes as amended – Ms. McQueer; support – Ms. Fromhart; Vote – unanimous

### IV. REVIEW AND APPROVE AGENDA

- Motion to approve the agenda as amended – Mr. Faust; support – Ms. McQueer; Vote – unanimous

### V. UNFINISHED BUSINESS

#### A. Board Appointments

- Motion to approve Kathy Baetens for the remainder of the term on the Planning Commission through 2019 – Mr. Oliver; support – Mr. Wharam; Vote – unanimous

### VI. NEW BUSINESS

#### A. Approval of River Raisin Watershed Council membership

- Motion to approve continued membership in River Raisin Watershed Council and pay 2018 dues of \$167.00 – Mr. Oliver; support – Ms. McQueer; vote - unanimous

#### B. Approval of WATTS membership

- Motion to approve continued membership in WATTS and pay for 2018 dues for \$200.00 – Ms. Fromhart; support – Mr. Oliver; vote – unanimous

#### C. Financials, Approve Disbursements from 1-Jan-18 through 31-Jan-18

- Motion to approve disbursements of \$17,288.66 - for general operations and \$7,068.20 for sewer for a total of \$24,356.86 – Ms. Fromhart; support – Mr. Faust; Vote – unanimous

#### D. Farmland Preservation Board Expenditure Request for Postcard Mailing

- Sample postcards were handed out
- Motion to approve a not to exceed amount of \$400.00 for Farmland Preservation postcard mailing – Ms. McQueer; support – Mr. Faust; Vote – unanimous

#### E. Sewer Committee Recommendations

- Motion to establish the creation of the sewer committee and to adopt the sewer committee recommendation in the memorandum dated 1-Feb-18 – Mr. Oliver; support – Mr. Faust;
  - Trustee Faust - YES; Trustee Fromhart - YES; Trustee Oliver - YES; Trustee McQueer - YES; Trustee Wharam – YES;
- Vote unanimous

## Bridgewater Township Board of Trustees Minutes

### F. Hogan Road Culvert Replacement Discussion

- Only runs in spring and storms to drain a low spot in a field with no natural spring
- No citizens are complaining that the road is closed
- Ms. Fromhart will contact the road commissioners re: \$20,000 engineering fee
- One option is to close the road, must contact emergency providers

### G. Broadband Feasibility Study Discussion

- There was discussion of the details
- No board member believes that we should pay for a feasibility study
- Will form a committee; Don Stein & Cal Messing volunteered

### H. 2018-2019 FY Budget Review – Set Public Hearing on Proposed Budget

- The board decided that the supervisor should get a prepaid phone similar to the clerk and treasurer; paid monthly on the township credit card
- Motion to set public hearing on proposed public hearing on at the beginning of the 1-Mar-18 board meeting – Ms. McQueer; support – Mr. Oliver; Vote – unanimous
- Publish by 14<sup>-Feb-18</sup>

## VII. REPORTS AND CORRESPONDENCE

### A. Public Safety Report

- The sheriff's office report was received and is on record

### B. Supervisor's Report

- Board of Review will have training
- Letter from Rover
- Nothing new on soil erosion

### C. Assessor's Report

- The Ms. Rider submitted a written report to the board and it is on record

### D. Clerk's Report

- Rodney's price increase
- QVF training 5-Feb-18
- Got school election refund

### E. Treasurer's Report

- The Ms. McQueer submitted a written report to the board and it is on record
- Received check from Nancy Hebb to pay civil infraction

### F. Trustees' Report

- Trustee Faust:
  - Many sewer related issues
  - Xella pack has many issues with grease
- Trustee Oliver:
  - WWCA – no soil erosion information; now collecting money; starting to take credit cards

## **Bridgewater Township Board of Trustees Minutes**

### **G. Zoning Administrator's Report**

- Mr. Nanney submitted a written report to the board and it is on record

### **H. Planning Commission**

- Meeting minutes are on record
- Bridgewater Bank Tavern is moving forward with new contractor; some changes possible

### **I. Farmland Preservation Board Report**

- The Farmland Preservation Board submitted a written report to the board and it is on record

## **VIII. CITIZEN PARTICIPATION**

- None

## **IX. ADJOURNMENT**

Ms. Fromhart adjourned the meeting at 9:32 p.m.

DRAFT

## Bridgewater Township Board of Trustees Minutes

### I. CALL TO ORDER

4-Jan-18 meeting called to order by Supervisor Fromhart at 7:00 p.m. followed by the Pledge of Allegiance at Bridgewater Township Hall, 10990 Clinton Road, Manchester, MI.

Present: Trustee Fromhart; Trustee Oliver; Trustee McQueer; Trustee Wharam

Absent: Trustee Faust

Citizen attendance: 5

### II. CITIZEN PARTICIPATION

- Grant Howard thanked the board for sending out the letter
- Dr. Samuels would like an extension to cleaning up the property

### III. APPROVAL OF MINUTES

- Motion to approve the 7-Dec-17 ~~special~~ meeting minutes as amended – Ms. McQueer; support – Mr. Oliver; Vote – unanimous

### IV. REVIEW AND APPROVE AGENDA

- Motion to approve the agenda as amended – Mr. Oliver; support – Mr. Wharam; Vote – unanimous

### V. UNFINISHED BUSINESS

A. Amendment to Mineral Extraction Ordinance No. 59 – Approve by Roll Call Vote

- Motion to approve the Amendment to Ordinance 59 – Ms. Fromhart; support – Ms. McQueer
  - Trustee Faust - absent; Trustee Fromhart - YES; Trustee Oliver - YES; Trustee McQueer - YES; Trustee Wharam – YES;
- Vote unanimous
- The clerk will publish the amendment

B. Board Appointments

- Supervisor Fromhart moves to nominate Ms. McQueer to PC 20-Nov-20 – Ms. Fromhart; support - Mr. Oliver  
Trustee Faust – absent; Trustee Fromhart - YES; Trustee Oliver - YES; Trustee McQueer - abstain;  
Trustee Wharam – YES;

C. Junk Ordinance Enforcement

- Ms. McQueer explained to process of a civil infraction
- Dr. Samuels asked that the citation be delayed 1 week
- Motion to support Zoning Administrator in issuing citation per December Zoning Administrator report – Ms. McQueer; support – Ms. Fromhart; Vote – unanimous

### VI. NEW BUSINESS

A. Financials, Approve Disbursements from 1-Dec-17 through 31-Dec-17

- Motion to amend public works; road improvements budget to \$54,500 (a \$4000 increase) – Mr. Oliver; support – Mr. Wharam; Vote – unanimous
- Motion to approve disbursements of \$12,638.26 for general operations and \$9,389.98 for sewer operations (\$176.25 in sewer debt retirement interest) plus a January pre-payment of \$424.72 for a total of \$22,452.96 – Mr. Oliver; support – Ms. Fromhart; Vote – unanimous

## Bridgewater Township Board of Trustees Minutes

### B. Board of Review Guidelines for Poverty/Hardship Exemptions Resolution

- Motion to set asset cap at \$750,000. – Ms. Fromhart; support – Mr. Oliver; Vote – unanimous
- Trustee Faust – absent; Trustee Fromhart - YES; Trustee Oliver - YES; Trustee McQueer - YES; Trustee Wharam – YES;

### C. Hunting on Township Property

- Motion to not allow hunting on township property – Mr. Oliver; support – Ms. McQueer; Vote – unanimous

## VII. REPORTS AND CORRESPONDENCE

### A. Public Safety Report

- The sheriff's office report was received and is on record

### B. Supervisor's Report

- Internet survey; >140 responses; most positive to do study
- Board of Review meeting was 2-Dec-17
- No update on soil erosion
- MEL must be signed by board; license needs to be updated; Ms. Fromhart will handle

### C. Assessor's Report

- The Ms. Rider submitted a written report to the board and it is on record

### D. Clerk's Report

- Elections audit by state – overall went well
- Bill cut off date is the 25<sup>th</sup>
- Motion to change payday to last day of month – Mr. Wharam; support – Mr. Oliver; Vote – unanimous
- Follow up inspections at Vershum farms 8-May-18 by MI Department of Agriculture & Rural Development

### E. Treasurer's Report

- The Ms. McQueer submitted a written report to the board and it is on record

### F. Trustees' Report

- Trustee Faust:
  - Nothing
- Trustee Oliver:
  - Nothing

### G. Zoning Administrator's Report

- Mr. Nanney submitted a written report to the board and it is on record

### H. Planning Commission

- Meeting minutes are on record

### I. Farmland Preservation Board Report

- The Farmland Preservation Board submitted a written report to the board and it is on record

## Bridgewater Township Board of Trustees Minutes

### VIII. CITIZEN PARTICIPATION

- None

### IX. ADJOURNMENT

Ms. Fromhart adjourned the meeting at 8:16 p.m.

APPROVED

# BRIDGEWATER TOWNSHIP

## 2018 - 2019 FY PROPOSED GENERAL FUND BUDGET

	2nd Prior Year Actual	1st Prior Year Actual	Current Year Budget	Year to Date Actual	Proposed Estimated Budget
	March 31, 2016	March 31, 2017	2017 - 2018	Apr'17-Dec'17	2018-2019
<b>Income</b>					
4402 · Property tax - operation	70,590	73,223	71,442	0	74,100
4447 · Tax administration fee	27,286	28,072	28,354	14,165	29,300
4448 · Tax collection fees	2,340	3,425	3,670	150	3,500
4460 · Township permits	4,675	2,800	1,000	150	500
4465 Land Division Fees	0	625	500	175	500
4574 · Revenue sharing	125,926	132,927	128,498	92,033	137,216 projected
4600 Collection Fee - Sewer Fund	1,605		1,600	0	1,400
4601 · Fire charge collection	0	625	1,000	0	500
4665 · Interest Income	1,621	1,830	1,600	84	1,800
4672 · Other Income	6,968	1,180	1,500	13	1,000
4675 · Metro Auth.-restricted to roads	2,491	3,312	3,500	3,217	3,300
4685 FOIA Income	8	0	0	0	0
4690 · Mineral Extraction License Fees	2,000	0	0	0	0
Clean Up Day Grant	0	0	0	3,000	3,000
4700 · Election Reimbursement	1,354	2,296	0	206	0
<b>Total Income</b>	<b>246,864</b>	<b>250,314</b>	<b>242,665</b>	<b>113,193</b>	<b>256,116</b>
	246,864	250,314	242,665	113,193	256,116
<b>Expense</b>					
<b>5101000 · Township Board</b>					
5101703 · Trustee salary	4,800	4,800	4,800	3,600	4,800
5101727 · Township supplies & expenses	828	591	500	603	600
5101770 · Conferences & Training	494	1,359	1,000	215	500
<b>Total 5101000 · Township Board</b>	<b>6,122</b>	<b>6,750</b>	<b>6,300</b>	<b>4,418</b>	<b>5,900</b>



**BRIDGEWATER TOWNSHIP  
GENERAL FUND**

	March 31, 2016	March 31, 2017	2017 - 2018	Apr'17-Dec'17	2018-2019
<b>5171000 · Supervisor</b>					
5171703 · Supervisor Salary	15,607	15,607	15,607	11,705	15,607
5171727 · Supervisor Expense	0	839	1,000	693	1000
<b>5209000 · Assessor</b>					
5209705 · Board of Review expenses	1,150	1,040	1,500	1,087	1,155
5209805 · Assessor Wages	20,700	20,700	20,700	15,525	20,700
5209810 · Assessor Expense	2,781	2,779	2,500	1,752	2,800
<b>Total 5209000 · Assessor</b>	<b>24,631</b>	<b>24,519</b>	<b>24,700</b>	<b>18,364</b>	<b>24,655</b>
<b>Total 5171000 · Supervisor</b>	<b>40,238</b>	<b>40,965</b>	<b>41,307</b>	<b>30,762</b>	<b>41,262</b>
<b>5173000 · Other General Government</b>					
5173715 · Social Security	4,608	4,512	5,000	3,545	5,000
5173801 · Attorney & Consulting Expenses	4,181	1,965	5,000	4,505	5,000
5173802 · Audit fees	3,300	3,050	3,500	3,100	3,300
5173811 · Membership fees & dues	1,966	2,536	2,000	1,546	2,000
5173890 · Newsletter (non-recyc)	0	0	0	0	100
5173895 · Website Administrator	300	300	1,300	925	500 I.T. Right
5173912 · Insurance & Bonds	5,533	5,498	5,500	4,977	5,500
Bank Fees	0	138	0	0	0
5173955 · Miscellaneous	0	41	0	0	0
<b>Total 5173000 · Other General Government</b>	<b>19,888</b>	<b>18,040</b>	<b>22,300</b>	<b>18,598</b>	<b>21,400</b>
<b>5215700 · Clerk</b>					
5173900 · Printing & publishing	925	1,160	1,000	372	800
5174810 · Deputy Clerk	1,612	888	1,000	1,100	1,000
5191727 · Election expense	3,294	5,143	1,000	1,772	3,500
5215703 · Clerk salary	16,214	16,214	16,214	12,160	16,214
5215727 · Clerk supplies & expense	2,918	4,276	3,200	2,594	3,200
<b>Total 5215700 · Clerk</b>	<b>24,962</b>	<b>27,681</b>	<b>22,414</b>	<b>17,998</b>	<b>24,714</b>

**BRIDGEWATER TOWNSHIP  
GENERAL FUND**

	<b>March 31, 2016</b>	<b>March 31, 2017</b>	<b>2017 - 2018</b>	<b>Apr'17-Dec'17</b>	<b>2018-2019</b>
<b>5253700 · Treasurer</b>					
5253701 · Tax Collection Expense	1,865	2,201	2,500	1,844	2,500
5253703 · Treasurer salary	17,615	17,615	17,615	13,212	17,615
5253704 · Deputy Treasurer Wages	382	509	1,000	684	1,000
5253727 · Treasurer supplies & expenses	1,039	1,491	2,000	896	2,000
<b>Total 5253700 · Treasurer</b>	<b>20,901</b>	<b>21,816</b>	<b>23,115</b>	<b>16,636</b>	<b>23,115</b>
<b>5265000 · Building &amp; Grounds</b>					
5265728 · Maintenance & Utilities	7,990	4,740	6,000	4,759	6,000
5265925 · Cemetery care	88	1,976	2,000	2,350	2,500
5265980 · Building improvement & equipmen	231	4,060	1,000	436	2,000
<b>Total 5265000 · Building &amp; Grounds</b>	<b>8,310</b>	<b>10,776</b>	<b>9,000</b>	<b>7,545</b>	<b>10,500</b>
<b>5301800 · Public Safety</b>					
5339727 · Fire protection billing expense	51,547	83,928	55,000	32,571	65,000
<b>Total 5301800 · Public Safety</b>	<b>51,547</b>	<b>83,928</b>	<b>55,000</b>	<b>32,571</b>	<b>65,000</b>
<b>5400700 · Planning &amp; zoning</b>					
<b>5400701 · Planning</b>					
5400727 · Planning comm. wage & expense	2,810	1,350	4,200	2,746	4,200
5400801 · PC Attorney Fees	0	0	0	0	0
PC - Master Plan	0	0	0	0	0
5400803 · Planning consultant - on-going	4,838	9,023	10,000	5,097	9,000
Farmland Preservation Board Consultant	0	0	500	0	500
<b>Total 5400701 · Planning</b>	<b>7,648</b>	<b>10,373</b>	<b>14,700</b>	<b>7,843</b>	<b>13,700</b>
<b>5410726 · Zoning</b>					
5410704 · Land Division Processing Fees	1,500	1,750	1,700	1,050	1,500
5410727 · Zoning ad.wage & expense	6,136	5,175	7,500	5,175	7,500
Zoning Board of Appeals	0	0	325	375	325
<b>Total 5410726 · Zoning</b>	<b>7,636</b>	<b>6,925</b>	<b>9,525</b>	<b>6,600</b>	<b>9,325</b>

**Bridgewater Township  
GENERAL FUND**

	<b>March 31, 2016</b>	<b>March 31, 2017</b>	<b>2017 - 2018</b>	<b>Apr'17-Dec'17</b>	<b>2018-2019</b>
<b>Total 5400700 · Planning &amp; zoning</b>	15,284	17,298	24,225	14,443	23,025
<b>5440000 · Public works</b>					
<b>5440846 · Road Improvements</b>	54,652	30,418	30,000	54,442	30,000
<b>5440847 · Drains at large</b>	3,529	4,121	5,000	4,171	4,500
<b>5440849 Clean Up Day</b>	0	343	5,000	3,206	3,200
<b>5440852 · Street lighting</b>	3,169	3,458	3,500	2,498	3,500
<b>Total 5440000 · Public works</b>	61,349	38,340	43,500	64,317	41,200
<b>5500000 · Contingencies</b>	0	500	504	0	0
<b>Total Expense</b>	248,600	266,095	247,665	207,288	256,116
	<b>-1,736</b>	<b>-14,394</b>	<b>-5,000</b>	<b>-94,095</b>	<b>0</b>

Fund Balance - March 31, 2018

\$416,283 per FY 2017 audit doesn't include this year's budget operation deficit

## 2018 - 2019 PROPOSED SEWER FUND BUDGETS

	Bond - Sewer			Operation - Sewer		
	Apr '18 - Mar '19	Budget	\$ Over Budget	Apr '18 - Mar '19	Budget	\$ Over Budget
<b>Ordinary Income/Expense</b>						
<b>Income</b>						
<b>Connection Fees - Easement</b>				0.00	250.00	-250.00
<b>Connection Fees - Grinder Pumps+10%</b>				0.00	8,200.00	-8,200.00
<b>Inspection Fees</b>				0.00	150.00	-150.00
<b>Tap Fees</b>				0.00	44,029.90	-44,029.90
<b>Grinder Pump Repair Reimbursement</b>				0.00	500.00	-500.00
<b>Customer Finance Charge</b>				0.00	1,000.00	-1,000.00
<b>Interest Income</b>				0.00	100.00	-100.00
<b>Operation Maintenance Income</b>				0.00	100,100.00	-100,100.00
<b>Special Assessment Revenue</b>	0.00	44,663.16	-44,663.16			
<b>Total Income</b>	<u>0.00</u>	<u>44,663.16</u>	<u>-44,663.16</u>	<u>0.00</u>	<u>154,329.90</u>	<u>-154,329.90</u>
<b>Gross Profit</b>	0.00	44,663.16	-44,663.16	0.00	154,329.90	-154,329.90
<b>Expense</b>						
<b>Collection System</b>						
<b>Billing</b>						
<b>Billing Clerk</b>				0.00	1,200.00	-1,200.00
<b>Office Supplies</b>				0.00	200.00	-200.00
<b>Total Billing</b>				<u>0.00</u>	<u>1,400.00</u>	<u>-1,400.00</u>
<b>Forcemains -Flushing &amp; Disposal</b>				0.00	1,000.00	-1,000.00
<b>Grinder Pump repairs</b>				0.00	10,000.00	-10,000.00
<b>Miss Dig Locator Service</b>				0.00	4,000.00	-4,000.00
<b>Total Collection System</b>				<u>0.00</u>	<u>16,400.00</u>	<u>-16,400.00</u>
<b>Insurance</b>				0.00	1,200.00	-1,200.00

	Bond - Sewer			Operation - Sewer		
	Apr '18 - Mar '19	Budget	\$ Over Budget	Apr' 18 - Mar '19	Budget	\$ Over Budget
<b>Legal &amp; Professional</b>						
Audit				0.00	1,500.00	-1,500.00
Engineer				0.00	2,000.00	-2,000.00
Legal Fees				0.00	500.00	-500.00
<b>Total Legal &amp; Professional</b>				<u>0.00</u>	<u>4,000.00</u>	<u>-4,000.00</u>
<b>Miscellaneous Expense</b>				0.00	25.00	-25.00
<b>New Equipment</b>				0.00	10,000.00	-10,000.00
<b>Treatment Plant</b>						
Building & Grounds Maintenance				0.00	2,000.00	-2,000.00
Chemicals				0.00	6,000.00	-6,000.00
Diesel Fuel/Propane				0.00	1,000.00	-1,000.00
Electricity				0.00	15,500.00	-15,500.00
Equipment Repairs				0.00	5,000.00	-5,000.00
Generator Maintenance Contract				0.00	1,100.00	-1,100.00
NPDES Permit				0.00	2,000.00	-2,000.00
Phone Service				0.00	500.00	-500.00
Plant Operator				0.00	31,200.00	-31,200.00
Sludge Handling & Disposal				0.00	4,000.00	-4,000.00
Supplies				0.00	100.00	-100.00
<b>Total Treatment Plant</b>				<u>0.00</u>	<u>68,400.00</u>	<u>-68,400.00</u>
<b>Total Expense</b>				<u>0.00</u>	<u>100,025.00</u>	<u>-100,025.00</u>
<b>Net Ordinary Income</b>	0.00	44,663.16	-44,663.16	0.00	54,304.90	-54,304.90
<b>Other Income/Expense</b>						
<b>Other Expense</b>						
Contingencies/Reserves				0.00	6,000.00	
<b>Washtenaw Cty Debt Svc</b>						
Accounting Charges	0.00	740.00	-740.00	0.00		
Agent Fees	0.00	0.00	0.00	0.00		

	Bond - Sewer			Operation - Sewer		
	Apr '18 - Mar '19	Budget	\$ Over Budget	Apr' 18 - Mar '19	Budget	\$ Over Budget
Interest	0.00	4,500.00	-4,500.00	0.00		
Principal	0.00	35,250.00	-35,250.00	0.00		
<b>Total Washtenaw Cty Debt Svc</b>	<b>0.00</b>	<b>40,490.00</b>	<b>-40,490.00</b>	<b>0.00</b>		
<b>Total Other Expense</b>	<b>0.00</b>	<b>40,490.00</b>	<b>-40,490.00</b>	<b>0.00</b>	<b>6,000.00</b>	<b>-6,000.00</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>-40,490.00</b>	<b>40,490.00</b>	<b>0.00</b>	<b>-6,000.00</b>	
<b>Net Income</b>	<b>0.00</b>	<b>4,173.16</b>	<b>-4,173.16</b>	<b>0.00</b>	<b>48,304.90</b>	<b>-48,304.90</b>

## 2018-2019 FY PROPOSED O/M SEWER FUND BUDGET

	2nd Prior Year <u>Actual</u> March 31, 2016	1st Prior Year <u>Actual</u> March 31, 2017	Current Year <u>Budget</u> 2017-2018	Year to Date <u>Actual</u> April '17 - Jan'18	Proposed Estimated <u>Budget</u> April '18-Mar'19
<b>Income</b>					
Connection Fees - Easement	125.00	250.00	0.00	250.00	250.00
Connection Fees-Grinder Pumps+10%	4,094.60	8,566.00	0.00	8,189.20	8,200.00
Inspection Fees		150.00	0.00	150.00	150.00
Tap Fees	0.00	0.00	0.00	44,029.90	44,029.90
Grinder Pump Repair Reimbursement	0.00	0.00	0.00	0.00	500.00
Customer Finance Charge	913.40		1,000.00	0.00	1,000.00
Interest Income	63.61	64.41	100.00	49.60	100.00
Interest Income-Master Acct	16,012.36	10,963.92			
Operation Maintenance Income	100,100.00	101,000.00	100,100.00	84,400.00	100,100.00
<b>Total Income</b>	<u>121,308.97</u>	<u>120,994.33</u>	<u>101,200.00</u>	<u>137,068.70</u>	<u>154,329.90</u>
<b>Gross Profit</b>	121,308.97	120,994.33	101,200.00	137,068.70	154,329.90
<b>Expense</b>					
<b>Collection System</b>					
<b>Billing</b>					
Billing Clerk	624.00	2,010.59	1,200.00	860.00	1,200.00
Office Supplies	141.35	376.34	200.00	0.00	200.00
<b>Total Billing</b>	<u>765.35</u>	<u>2,386.93</u>	<u>1,400.00</u>	<u>860.00</u>	<u>1,400.00</u>
Forcemains -Flushing & Disposal	75.00	0.00	1,000.00	0.00	1,000.00
Grinder Pump repairs	14,383.26	7,772.23	10,000.00	3,420.00	10,000.00
Miss Dig Locator Service	333.33	4,161.10	2,000.00	3,613.68	4,000.00
<b>Total Collection System</b>	15,556.94	14,320.26	14,400.00	7,893.68	16,400.00

	<u>March 31, 2016</u>	<u>March 31, 2017</u>	<u>2017-2018</u>	<u>April '17 - Jan'18</u>	<u>April '18-Mar'19</u>
<b>Insurance</b>	1,319.47	1,114.50	1,500.00	0.00	1,200.00
<b>Legal &amp; Professional</b>					
<b>Audit</b>	1,650.00	1,500.00	1,500.00	1,500.00	1,500.00
<b>Engineer</b>	0.00	1,905.00	2,500.00	280.00	2,000.00
<b>Legal Fees</b>	231.25	0.00	500.00	0.00	500.00
<b>Total Legal &amp; Professional</b>	<u>1,881.25</u>	<u>3,405.00</u>	<u>4,500.00</u>	<u>1,780.00</u>	<u>4,000.00</u>
<b>Miscellaneous Expense</b>	0.00	0.00	25.00	0.00	25.00
<b>New Equipment</b>	0.00	0.00	10,000.00	20,055.00	10,000.00 Move to
<b>Treatment Plant</b>					
<b>Building &amp; Grounds Maintenance</b>	1,645.00	1,540.00	2,000.00	3,635.00	2,000.00
<b>Chemicals</b>	4,709.75	5,741.00	6,000.00	3,594.00	6,000.00
<b>Diesel Fuel/Propane</b>	600.63	674.89	1,000.00	1,900.00	1,000.00
<b>Electricity</b>	15,391.19	14,728.05	15,500.00	12,498.39	15,500.00
<b>Equipment Repairs</b>	1,256.28	940.47	5,000.00	0.00	5,000.00
<b>Generator Maintenance Contract</b>	972.49	1,007.35	1,100.00	933.83	1,100.00
<b>NPDES Permit</b>	1,950.00	1,950.00	2,000.00	1,950.00	2,000.00
<b>Phone Service</b>	466.51	478.43	450.00	414.08	500.00
<b>Plant Operator</b>	31,200.00	31,200.00	31,200.00	26,000.00	31,200.00
<b>Sludge Handling &amp; Disposal</b>	2,480.00	4,037.12	3,500.00	3,797.85	4,000.00
<b>Supplies</b>	0.00	25.49	300.00	111.92	100.00
<b>Total Treatment Plant</b>	<u>60,671.85</u>	<u>62,322.80</u>	<u>68,050.00</u>	<u>54,835.07</u>	<u>68,400.00</u>
<b>Total Expense</b>	<u>79,429.51</u>	<u>\$ 81,162.56</u>	<u>\$ 98,475.00</u>	<u>84,563.75</u>	<u>100,025.00</u>
<b>Net Ordinary Income</b>	41,879.46	39,831.77	\$ 2,725.00	52,504.95	54,304.90
<b>Contingency/Reserves</b>					<u>6000</u>
<b>Net Income</b>					<u>48,304.90</u>



**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
A RESOLUTION TO ESTABLISH SUPERVISOR'S SALARY  
RESOLUTION NUMBER 2018-01**

WHEREAS, the property owners of Bridgewater Township have elected a Board of Trustees consisting of a Supervisor, a Clerk, a Treasurer, and two Trustees; and,

WHEREAS, the Bridgewater Township Board of Trustees have been elected by the property owners of the Township to discharge the statutory duties inherent in those offices; and,

WHEREAS, the members of the Bridgewater Township Board of Trustees may be reasonably compensated for discharging those duties;

NOW, THEREFORE WE RESOLVE that the Bridgewater Township Supervisor's salary for 2018-2019 be established as \$15,607.

Motion made by Trustee \_\_\_\_\_ and seconded by Trustee \_\_\_\_\_ to adopt the above Resolution.

Upon roll-call vote, the following members voted:

AYE:  
NAY:

ABSTAIN:  
ABSENT:

Supervisor declared Resolution Number 2018-01 to establish the Bridgewater Township Supervisor's salary for 2018-2019 as \$15,607 duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018, the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
A RESOLUTION TO ESTABLISH CLERK'S SALARY  
RESOLUTION NUMBER 2018-02**

WHEREAS, the property owners of Bridgewater Township have elected a Board of Trustees consisting of a Supervisor, a Clerk, a Treasurer, and two Trustees; and,

WHEREAS, the Bridgewater Township Board of Trustees have been elected by the property owners of the Township to discharge the statutory duties inherent in those offices; and,

WHEREAS, the members of the Bridgewater Township Board of Trustees may be reasonably compensated for discharging those duties;

NOW, THEREFORE WE RESOLVE that the Bridgewater Township Clerk's salary for 2018-2019 be established as \$16,214.

Motion made by Trustee \_\_\_\_\_ and seconded by Trustee \_\_\_\_\_ to adopt the above Resolution.

Upon roll-call vote, the following members voted:

AYE:  
NAY:

ABSTAIN:  
ABSENT:

Supervisor declared Resolution Number 2018-02 to establish the Bridgewater Township Clerk's salary for 2018-2019 as \$16,214 duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018, the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
A RESOLUTION TO ESTABLISH TREASURER'S SALARY  
RESOLUTION NUMBER 2018-03**

WHEREAS, the property owners of Bridgewater Township have elected a Board of Trustees consisting of a Supervisor, a Clerk, a Treasurer, and two Trustees; and,

WHEREAS, the Bridgewater Township Board of Trustees have been elected by the property owners of the Township to discharge the statutory duties inherent in those offices; and,

WHEREAS, the members of the Bridgewater Township Board of Trustees may be reasonably compensated for discharging those duties;

NOW, THEREFORE WE RESOLVE that the Bridgewater Township Treasurer's salary for 2018-2019 be established as \$17,615.

Motion made by Trustee \_\_\_\_\_ and seconded by Trustee \_\_\_\_\_ to adopt the above Resolution.

Upon roll-call vote, the following members voted:

AYE:  
NAY:

ABSTAIN:  
ABSENT:

Supervisor declared Resolution Number 2018-03 to establish the Bridgewater Township Treasurer's salary for 2018-2019 as \$17,615 duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018, the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
A RESOLUTION TO ESTABLISH TRUSTEES' SALARY  
RESOLUTION NUMBER 2018-04**

WHEREAS, the property owners of Bridgewater Township have elected a Board of Trustees consisting of a Supervisor, a Clerk, a Treasurer, and two Trustees; and,

WHEREAS, the Bridgewater Township Board of Trustees have been elected by the property owners of the Township to discharge the statutory duties inherent in those offices; and,

WHEREAS, the members of the Bridgewater Township Board of Trustees may be reasonably compensated for discharging those duties;

NOW, THEREFORE WE RESOLVE that the Bridgewater Township Trustees' salary for 2018-2019 be established as \$4,800.

Motion made by Trustee \_\_\_\_\_ and seconded by Trustee \_\_\_\_\_ to adopt the above Resolution.

Upon roll-call vote, the following members voted:

AYE:  
NAY:

ABSTAIN:  
ABSENT:

Supervisor declared Resolution Number 2018-04 to establish the Bridgewater Township Trustees' salary for 2018-2019 as \$4,800 duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018, the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
A RESOLUTION TO ADOPT GENERAL APPROPRIATIONS ACT  
RESOLUTION NUMBER 2018-05**

A resolution to establish a General Appropriations Act for Bridgewater Township; to define the powers and duties of the Bridgewater Township officers in relation to the administration of the budget; and to provide remedies for refusal or neglect to comply with the requirements of this resolution.

The Board of Trustees of Bridgewater Township resolves:

**Section 1: Title**

This resolution shall be known as the Bridgewater Township General Appropriations Act.

**Section 2: Chief Administrative Officer**

The Supervisor (or other designated official) shall be the Chief Administrative Officer and shall perform the duties of the Chief Administrative Officer enumerated in this act.

**Section 3: Fiscal Officer**

The Clerk (or other designated official) shall be the Fiscal Officer and shall perform the duties of the Fiscal Officer enumerated in this act.

**Section 4: Public Hearings on the Budget**

Pursuant to MCLA 141.412; MCLA 141.413, notice of a public hearing on the proposed budget was published in a newspaper of general circulation on February 14, 2018 and a public hearing on the proposed budget was held on March 1, 2018.

**Section 5: Estimated Revenues**

Estimated township general fund revenues for fiscal year 2018-2019, including an allocated millage of **.8191 mills**; and various miscellaneous revenues shall total \$256,116.

**Section 6: Millage Levy**

The Bridgewater Township Board shall cause to be levied and collected the general property tax on all real and personal property within the township upon the current tax roll an amount equal to **.8191 mills** as authorized under state law and approved by the electorate.

**Section 7: Estimated Expenditures**

Estimated township general fund expenditures for fiscal year 2018 - 2019 for the various township activities (cost centers) are as follows: 510-1000 Township Board \$5900; 517-1000 Supervisor \$41,262; 571-3000 Other General Government \$21,400; 521-5700 Clerk \$24,714; 525-3700 Treasurer \$23,115; 526-5000 Building & Grounds \$10,500; 530-1800

Public Safety \$65,000; 540-0700 Planning & Zoning \$23,025; 544-0000 Public Works \$41,200; for total estimated expenditures of \$256,116.

### **Section 8: Adoption of Budget by Reference**

The general fund budget of Bridgewater Township is hereby adopted by reference, with revenues and activity expenditures as indicated in Sections 5 and 7 of this act.

### **Section 9: Adoption of Budget by Cost Center**

The Board of Trustees of Bridgewater Township adopts the 2018-2019 fiscal year general fund budget by cost center. Township officials responsible for the expenditures authorized in the budget may expend township funds up to, but not to exceed, the total appropriation authorized for each cost center, and may make transfers among the various line items contained in the cost center appropriation. However, no transfers of appropriations for line items related to personnel or capital outlays may be made without prior board approval by budget amendment.

### **Section 10: Appropriation not a Mandate to Spend**

Appropriations will be deemed maximum authorizations to incur expenditures. The fiscal officer shall exercise supervision and control to ensure that expenditures are within appropriations, and shall not issue any town order for expenditures that exceed appropriations.

### **Section 11: Periodic Fiscal Reports**

The fiscal officer shall transmit to the board at the end of each of the first three quarters, and at the end of each month occurring during the fourth quarter, a report of financial operations, including, but not limited to:

- a. a summary statement of the actual financial condition of the general fund at the end of the previous quarter (month);
- b. a summary statement showing the receipts and expenditures and encumbrances for the previous quarter (month) and for the current fiscal year to the end of the previous quarter (month);
- c. a detailed list of:
  - i. expected revenues by major source as estimated in the budget; actual receipts to date for the current fiscal year compared with actual receipts for the same period in the prior fiscal year; the balance of estimated revenues to be collected in the then current fiscal year; and any revisions in revenue estimates resulting from collection experience to date.
  - ii. for each cost center: the amount appropriated; the amount charged to each appropriation in the previous quarter (month) for the current fiscal year and as compared with the same period in the prior fiscal year; the unencumbered balance of appropriations; and any revisions in the estimate of expenditures.

**Section 12: Limit on Obligations and Payments**

No obligation shall be incurred against, and no payment shall be made from any appropriation account unless there is a sufficient unencumbered balance in the appropriation and sufficient funds are or will be available to meet the obligation.

**Section 13: Budget Monitoring**

Whenever it appears to the Chief Administrative Officer or the Township Board that the actual and probable revenues in any fund will be less than the estimated revenues upon which appropriations from such fund were based, and when it appears that expenditures shall exceed an appropriation, the Chief Administrative Officer shall present to the township board recommendations to prevent expenditures from exceeding available revenues or appropriations for the current fiscal year. Such recommendations shall include proposals for reducing appropriations, increasing revenues, or both.

**Section 14: Violations of This Act**

Any obligation incurred or payment authorized in violation of this resolution shall be void and shall subject any responsible official(s) or employee(s) to disciplinary action as outlined in P.A. 621 (1978).

**Section 15: Board Adoption**

Motion made by \_\_\_\_\_, seconded by \_\_\_\_\_ to adopt the foregoing resolution.

Upon roll call vote, the following voted:

AYE:  
NAY:

ABSTAIN:  
ABSENT:

The Supervisor declared the motion carried and the resolution duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018 the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk

**UNIFORM BUDGETING AND ACCOUNTING ACT (EXCERPT)**  
**Act 2 of 1968**

**141.440 Violation; filing; report; review and action by attorney general; civil action for recovery of funds and public property.**

Sec. 20. A violation of sections 17 to 19 by the chief administrative officer, an administrative officer, employee, or member of the legislative body of the local unit disclosed in an audit of the financial records and accounts of the local unit in the absence of reasonable procedures in use by the local unit to detect such violations shall be filed with the state treasurer and reported by the state treasurer to the attorney general. For local and intermediate school districts, the report of a violation shall be filed with the state superintendent of public instruction instead of the state treasurer. The attorney general shall review the report and initiate appropriate action against the chief administrative officer, fiscal officer, administrative officer, employee, or member of the legislative body. For the use and benefit of the local unit, the attorney general or prosecuting attorney may institute a civil action in a court of competent jurisdiction for the recovery of funds of a local unit, disclosed by an examination to have been illegally expended or collected as a result of malfeasance and not accounted for as provided in sections 17 to 19, and for the recovery of public property disclosed to have been converted or misappropriated.

**History:** Add. 1978, Act 621, Eff. Apr. 1, 1980;—Am. 2000, Act 493, Imd. Eff. Jan. 11, 2001.



## MEMORANDUM

TO: BRIDGEWATER TOWNSHIP BOARD OF TRUSTEES  
FROM: LAURIE FROMHART, BRIDGEWATER TOWNSHIP SUPERVISOR  
RE: BROADBAND COMMITTEE RECOMMENDATIONS  
DATE: MARCH 1, 2018

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Per our discussions at our February 1<sup>st</sup> meeting to form a Broadband Committee, and again with some guidance from the MTA, I make the following recommendations to the Township Board:

- The Township Board shall formally establish the creation of the Broadband Committee by simple Board motion.
- The Township Board shall establish the composition of the committee to consist of 5 members as follows: 1 Board representative, 1 Planning Commission representative, 1 Michigan Broadband Cooperative representative, and 2 residents at large.
- The Township Board shall appoint the following members: Laurie Fromhart, Board Representative, Cal Messing Planning Commission representative, Don Stein Michigan Broadband representative, Todd Brawn resident at large, Rich Clark resident at large.
- The Township Board shall establish the meeting schedule of the committee to meet at least on a quarterly basis.
- The Township Board directs that members of the committee will not be compensated.
- The Township Board determines the scope and purpose of the committee is to research the feasibility of building broadband service in our community and determine the associated costs.
- The Township Board directs the committee to comply with the Freedom of Information Act.
- The Township Board directs the committee that the Open Meetings Act is not applicable.
- The Township Board determines the committee's authority is advisory only and that final decisions are to be made by the Township Board.
- The Township Board directs that the committee have no authority to make expenditures.

**Bridgewater Township**  
**2017 - 2018 FY GENERAL FUND BUDGET**  
**YEAR-END BUDGET AMENDMENTS**

	<u>Apr '17 - Mar 18</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Adjustment</u>	<u>Amended Budget</u>
<b>Income</b>					
Clean-up Day Grant	3,000			\$ 3,000.00	\$ 3,000.00
4402 · Property tax - operation	49,177	71,443	-22,266		\$ 71,443.00
4447 · Tax administration fee	25,443	28,354	-2,911		\$ 28,354.00
4448 · Tax collection fees	150	3,670	-3,520		\$ 3,670.00
4460 · Township permits	150	1,000	-850		\$ 1,000.00
4465 · Land division fees	350	500	-150		\$ 500.00
4574 · Revenue sharing	115,788	128,498	-12,710		\$ 128,498.00
4600 · Collection Fee-Sewer Fund	-100	1,600	-1,700		\$ 1,600.00
4601 · Fire charge collection	0	1,000	-1,000		\$ 1,000.00
4665 · Interest Income	107	1,600	-1,493		\$ 1,600.00
4672 · Other Income	213	1,500	-1,287		\$ 1,500.00
4675 · Metro Auth.-restricted to roads	3,217	3,500	-283		\$ 3,500.00
4700 · Election Reimbursement	1,566	0	1,566	\$ 1,600.00	\$ 1,600.00
<b>Total Income</b>	<u>199,061</u>	<u>242,665</u>	<u>-43,604</u>	<u>\$ 4,600.00</u>	<u>\$ 247,265.00</u>
<b>Gross Profit</b>	199,061	242,665	-43,604	\$ 4,600.00	\$ 247,265.00
<b>Expense</b>					
<b>5101000 · Township Board</b>					
5101703 · Trustee salary	4,400	4,800	-400	\$ -	\$ 4,800.00
5101727 · Township supplies & expenses	810	500	310	\$ 500.00	\$ 1,000.00
5101770 · Conferences & Training	215	1,000	-785	\$ -	\$ 1,000.00
<b>Total 5101000 · Township Board</b>	<u>5,425</u>	<u>6,300</u>	<u>-875</u>	<u>\$ 500.00</u>	<u>\$ 6,800.00</u>
<b>5171000 · Supervisor</b>					
5171703 · Supervisor Salary	14,306	15,607	-1,301	\$ -	\$ 15,607.00
5171727 · Supervisor Expense	765	1,000	-235	\$ -	\$ 1,000.00
<b>5209000 · Assessor</b>					
5209705 · Board of Review expenses	1,134	1,500	-366	\$ -	\$ 1,500.00
5209805 · Assessor Wages	18,975	20,700	-1,725	\$ -	\$ 20,700.00
5209810 · Assessor Expense	1,919	2,500	-581	\$ -	\$ 2,500.00

**Bridgewater Township**  
**2017 - 2018 FY GENERAL FUND BUDGET**  
**YEAR-END BUDGET AMENDMENTS**

	<u>Apr '17 - Mar 18</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Adjustment</u>	<u>Amended Budget</u>
<b>Total 5209000 · Assessor</b>	22,028	24,700	-2,672	\$ -	\$ 41,307.00
<b>Total 5171000 · Supervisor</b>	37,099	41,307	-4,208	\$ -	\$ 41,307.00
<b>5173000 · Other General Government</b>					
5173715 · Social Security	4,315	5,000	-685	0	\$ 5,000.00
5173801 · Attorney & Consulting Expenses	5,514	5,000	514	\$ 1,000.00	\$ 6,000.00
5173802 · Audit fees	3,100	3,500	-400	\$ -	\$ 3,500.00
5173811 · Membership fees & dues	1,913	2,000	-87	\$ -	\$ 2,000.00
5173895 · Website Administrator	925	1,300	-375	\$ -	\$ 1,300.00
5173912 · Insurance & Bonds	4,977	5,500	-523	\$ -	\$ 5,500.00
<b>Total 5173000 · Other General Government</b>	20,744	22,300	-1,556	\$ 1,000.00	\$ 23,300.00
<b>5215700 · Clerk</b>					
5173900 · Printing & publishing	393	1,000	-607	\$ -	\$ 1,000.00
5174810 · Deputy Clerk	1,188	1,000	188	\$ 300.00	\$ 1,300.00
5191727 · Election expense	2,395	1,000	1,395	\$ 1,400.00	\$ 2,400.00
5215703 · Clerk salary	14,863	16,214	-1,351	\$ -	\$ 16,214.00
5215727 · Clerk supplies & expense	3,048	3,200	-152	\$ 100.00	\$ 3,300.00
<b>Total 5215700 · Clerk</b>	21,887	22,414	-527	\$ 1,800.00	\$ 24,214.00
<b>5253700 · Treasurer</b>					
5253701 · Tax Collection Expense	1,844	2,500	-656	\$ -	\$ 2,500.00
5253703 · Treasurer salary	16,147	17,615	-1,468	\$ -	\$ 17,615.00
5253704 · Deputy Treasurer Wages	822	1,000	-178	\$ -	\$ 1,000.00
5253727 · Treasurer supplies & expenses	975	2,000	-1,025	\$ -	\$ 2,000.00
<b>Total 5253700 · Treasurer</b>	19,788	23,115	-3,327	\$ -	\$ 23,115.00
<b>5265000 · Building &amp; Grounds</b>					
5265728 · Maintenance & Utilities	6,085	6,000	85	\$ 500.00	\$ 6,500.00
5265925 · Cemetery care	2,478	2,000	478	\$ 500.00	\$ 2,500.00
5265980 · Building improvement & equipmen	247	1,000	-753	\$ -	\$ 1,000.00

**Bridgewater Township**  
**2017-2018 FY GENERAL FUND BUDGET**  
**YEAR-END BUDGET AMENDMENTS**

	<u>Apr '17 - Mar 18</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Adjustment</u>	<u>Amended Budget</u>
<b>Total 5265000 · Building &amp; Grounds</b>	<u>8,810</u>	<u>9,000</u>	<u>-190</u>	<u>\$ 1,000.00</u>	<u>\$ 10,000.00</u>
<b>5301800 · Public Safety</b>					
5339727 · Fire protection billing expense	60,949	55,000	5,949	\$ 10,000.00	\$ 65,000.00
<b>Total 5301800 · Public Safety</b>	<u>60,949</u>	<u>55,000</u>	<u>5,949</u>	<u>\$ 10,000.00</u>	<u>\$ 65,000.00</u>
<b>5400700 · Planning &amp; zoning</b>					
<b>5400701 · Planning</b>					
5400727 · Planning comm. wage & expense	3,363	4,200	-837	\$ -	\$ 4,200.00
5400803 · Planning consultant - on-going	5,678	10,000	-4,322	\$ -	\$ 10,000.00
5400806 · Farmland PB Consultant	0	500	-500	\$ -	\$ 500.00
<b>Total 5400701 · Planning</b>	<u>9,041</u>	<u>14,700</u>	<u>-5,659</u>	<u>\$ -</u>	<u>\$ 14,700.00</u>
<b>5410726 · Zoning</b>					
5410704 · Land Division Processing Fees	1,375	1,700	-325	\$ -	\$ 1,700.00
5410727 · Zoning ad.wage & expense	6,372	7,500	-1,128	\$ -	\$ 7,500.00
5411727 · Zon Bd of Appeals Expense	375	325	50	\$ 50.00	\$ 375.00
<b>Total 5410726 · Zoning</b>	<u>8,122</u>	<u>9,525</u>	<u>-1,403</u>	<u>\$ 50.00</u>	<u>\$ 9,575.00</u>
<b>Total 5400700 · Planning &amp; zoning</b>	<u>17,163</u>	<u>24,225</u>	<u>-7,062</u>	<u>\$ 50.00</u>	<u>\$ 24,275.00</u>
<b>5440000 · Public works</b>					
5440846 · Road Improvements	54,442	54,500	-58	\$ -	\$ 54,500.00
5440847 · Drains at large	4,171	5,000	-829	\$ -	\$ 5,000.00
5440849 · Clean-up Day	3,206	5,000	-1,794	\$ -	\$ 5,000.00
5440852 · Street lighting	3,513	3,500	13	\$ 700.00	\$ 4,200.00
<b>Total 5440000 · Public works</b>	<u>65,332</u>	<u>68,000</u>	<u>-2,668</u>	<u>\$ 700.00</u>	<u>\$ 68,700.00</u>
<b>5500000 · Contingencies</b>	<u>0</u>	<u>504</u>	<u>-504</u>	<u>\$ -</u>	<u>\$ 504.00</u>
<b>Total Expense</b>	<u>257,197</u>	<u>272,165</u>	<u>-14,968</u>	<u>\$ 15,050.00</u>	<u>\$ 264,100.00</u>
<b>Net Income</b>	<u><u>-58,136</u></u>	<u><u>-29,500</u></u>	<u><u>-28,636</u></u>		<u><u>\$ (16,835.00)</u></u>

## Bridgewater Township Monthly Expenses

		January 29 through February 28, 2018				
Type	Date	Check #	Name	Sp#	Amount	
<b>Jan 29 - Feb 28, 18</b>						
Bill	02/06/2018	9544	Calvin Messing	5209705 · Board of Review expenses	27.25	
Bill	02/05/2018	EFT	Cardmember Service	2050 · Comerica - Clerk/Treasurer	250.53	<b>Clerk:</b>
Bill	02/08/2018	9545	Chelsea Lumber	5101727 · Township supplies & expenses	66.88	
Bill	02/21/2018	9546	Clayton and Mary Rider Assessing Servi	-SPLIT-	1,905.00	<b>Treasurer:</b>
Bill	02/16/2018	EFT	Consumers Energy	5265728 · Maintenance & Utilities	102.52	
Bill	01/31/2018	EFT	Detroit Edison Company	5265728 · Maintenance & Utilities	48.48	
Bill	02/12/2018	EFT	Detroit Edison Company - 67-069A	5440852 · Street lighting	339.75	
Bill	02/22/2018	9547	Donald N. Pennington	-SPLIT-	869.55	
Bill	01/31/2018	9548	Green Meadows Lawncare	5265728 · Maintenance & Utilities	204.00	
Bill	02/15/2018	9549	Green Meadows Lawncare	5265728 · Maintenance & Utilities	660.25	
Bill	01/10/2018	9550	Lucas Law, PC	-SPLIT-	1,682.50	
Bill	02/01/2018	9551	Manchester Township	5339727 · Fire protection billing expense	17,912.57	
Bill	02/24/2018	9552	Michigan Municipal League	Prepaid Insurance	5,787.00	
Bill	02/28/2018	EFT	Paychex	-SPLIT-	5,515.12	
Bill	02/18/2018	EFT	Paychex_fees	5215727 · Clerk supplies & expense	89.32	
Bill	11/29/2018	9553	RG Wahl-Roehm	5265000 · Building & Grounds	85.00	
Bill	02/13/2018	EFT	Staples	5209810 · Assessor Expense	68.18	
Bill	02/06/2018	9554	Tom Wharam	-SPLIT-	74.12	
Bill	01/29/2018	9555	Village of Clinton	5339727 · Fire protection billing expense	4,715.00	
Bill	02/18/2018	9556	Washtenaw Assessors Association	5209810 · Assessor Expense	15.00	
Bill	02/28/2018	9557	Washtenaw County Treasurer	5440847 · Drains at large	4,170.92	
					<b>44,588.94</b>	
<b>Jan 29 - Feb 28, 18</b>						

8:50 AM

02/24/18

Accrual Basis

**Bridgewater Township**  
**Profit & Loss Budget vs. Actual**  
**April 2017 through March 2018**

	Apr '17 - Mar 18	Budget	\$ Over Budget
<b>Income</b>			
Clean-up Day Grant	3,000		
4402 · Property tax - operation	49,177	71,443	-22,266
4447 · Tax administration fee	25,443	28,354	-2,911
4448 · Tax collection fees	150	3,670	-3,520
4460 · Township permits	150	1,000	-850
4465 · Land division fees	350	500	-150
4574 · Revenue sharing	115,788	128,498	-12,710
4600 · Collection Fee-Sewer Fund	-100	1,600	-1,700
4601 · Fire charge collection	0	1,000	-1,000
4665 · Interest Income	107	1,600	-1,493
4672 · Other Income	213	1,500	-1,287
4675 · Metro Auth.-restricted to roads	3,217	3,500	-283
4700 · Election Reimbursement	1,566	0	1,566
<b>Total Income</b>	<b>199,062</b>	<b>242,665</b>	<b>-43,603</b>
<b>Gross Profit</b>	<b>199,062</b>	<b>242,665</b>	<b>-43,603</b>
<b>Expense</b>			
<b>5101000 · Township Board</b>			
5101703 · Trustee salary	4,400	4,800	-400
5101727 · Township supplies & expenses	810	500	310
5101770 · Conferences & Training	215	1,000	-786
<b>Total 5101000 · Township Board</b>	<b>5,425</b>	<b>6,300</b>	<b>-875</b>
<b>5171000 · Supervisor</b>			
5171703 · Supervisor Salary	14,306	15,607	-1,301
5171727 · Supervisor Expense	765	1,000	-235
<b>5209000 · Assessor</b>			
5209705 · Board of Review expenses	1,134	1,500	-366
5209805 · Assessor Wages	18,975	20,700	-1,725
5209810 · Assessor Expense	1,919	2,500	-581
<b>Total 5209000 · Assessor</b>	<b>22,029</b>	<b>24,700</b>	<b>-2,671</b>
<b>Total 5171000 · Supervisor</b>	<b>37,100</b>	<b>41,307</b>	<b>-4,207</b>
<b>5173000 · Other General Government</b>			
5173715 · Social Security	4,315	5,000	-685
5173801 · Attorney & Consulting Expenses	5,514	5,000	514
5173802 · Audit fees	3,100	3,500	-400
5173811 · Membership fees & dues	1,913	2,000	-87
5173895 · Website Administrator	925	1,300	-375
5173912 · Insurance & Bonds	4,977	5,500	-523
<b>Total 5173000 · Other General Government</b>	<b>20,744</b>	<b>22,300</b>	<b>-1,556</b>
<b>5215700 · Clerk</b>			
5173900 · Printing & publishing	393	1,000	-607
5174810 · Deputy Clerk	1,188	1,000	188
5191727 · Election expense	2,395	1,000	1,395
5215703 · Clerk salary	14,863	16,214	-1,351
5215727 · Clerk supplies & expense	3,048	3,200	-152
<b>Total 5215700 · Clerk</b>	<b>21,888</b>	<b>22,414</b>	<b>-526</b>
<b>5253700 · Treasurer</b>			
5253701 · Tax Collection Expense	1,844	2,500	-656
5253703 · Treasurer salary	16,147	17,615	-1,468
5253704 · Deputy Treasurer Wages	822	1,000	-178
5253727 · Treasurer supplies & expenses	975	2,000	-1,025
<b>Total 5253700 · Treasurer</b>	<b>19,789</b>	<b>23,115</b>	<b>-3,326</b>

8:50 AM

02/24/18

Accrual Basis

**Bridgewater Township**  
**Profit & Loss Budget vs. Actual**  
**April 2017 through March 2018**

	Apr '17 - Mar 18	Budget	\$ Over Budget
<b>5265000 · Building &amp; Grounds</b>			
5265728 · Maintenance & Utilities	6,085	6,000	85
5265925 · Cemetery care	2,350	2,000	350
5265980 · Building improvement & equipmen	247	1,000	-753
5265000 · Building & Grounds - Other	128		
<b>Total 5265000 · Building &amp; Grounds</b>	8,811	9,000	-189
<b>5301800 · Public Safety</b>			
5339727 · Fire protection billing expense	60,949	55,000	5,949
<b>Total 5301800 · Public Safety</b>	60,949	55,000	5,949
<b>5400700 · Planning &amp; zoning</b>			
<b>5400701 · Planning</b>			
5400727 · Planning comm. wage & expense	3,363	4,200	-838
5400803 · Planning consultant - on-going	5,678	10,000	-4,322
5400806 · Farmland PB Consultant	0	500	-500
<b>Total 5400701 · Planning</b>	9,040	14,700	-5,660
<b>5410726 · Zoning</b>			
5410704 · Land Division Processing Fees	1,375	1,700	-325
5410727 · Zoning ad.wage & expense	6,372	7,500	-1,128
5411727 · Zon Bd of Appeals Expense	375	325	50
<b>Total 5410726 · Zoning</b>	8,122	9,525	-1,403
<b>Total 5400700 · Planning &amp; zoning</b>	17,162	24,225	-7,063
<b>5440000 · Public works</b>			
5440846 · Road Improvements	54,442	54,500	-58
5440847 · Drains at large	4,171	5,000	-829
5440849 · Clean-up Day	3,206	5,000	-1,794
5440852 · Street lighting	3,513	3,500	13
<b>Total 5440000 · Public works</b>	65,331	68,000	-2,669
<b>5500000 · Contingencies</b>	0	504	-504
<b>66900 · Reconciliation Discrepancies</b>	-0		
<b>Total Expense</b>	257,199	272,165	-14,966
<b>Net Income</b>	<b>-58,137</b>	<b>-29,500</b>	<b>-28,637</b>

## Bridgewater Township Balance Sheet As of February 28, 2018

	Feb 28, 18
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
1002 · General Checking-Key Bank	75,733.68
1010 · General Savings-Key Bank	139,398.97
1016 · Bank of Ann Arbor 5yr	101,178.20
1017 · Old National 5 yr	107,937.21
<b>Total Checking/Savings</b>	424,248.06
<b>Accounts Receivable</b>	
1200 · Accounts Receivable	10,154.50
<b>Total Accounts Receivable</b>	10,154.50
<b>Other Current Assets</b>	
Prepaid Insurance	5,331.33
1034 · Tax Receivable-PPT	53.53
1081 · Due from Sewer Operations	-438.75
1085 · Due From Tax Fund	2,285.00
1201 · Accounts Receivable 2	23,262.00
<b>Total Other Current Assets</b>	30,493.11
<b>Total Current Assets</b>	464,895.67
<b>Fixed Assets</b>	
1600 · Buildings	98,329.35
1610 · Equipment	28,244.21
1620 · Land	70,863.09
1630 · Siding & Windows	17,049.00
1640 · Township Hall Improvements	54,079.30
1650 · Accumulated Depreciation	-91,492.66
<b>Total Fixed Assets</b>	177,072.29
<b>TOTAL ASSETS</b>	<b>641,967.96</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
2000 · Accounts Payable	44,200.71
<b>Total Accounts Payable</b>	44,200.71
<b>Credit Cards</b>	
2050 · Comerica - Clerk/Treasurer	15.68
<b>Total Credit Cards</b>	15.68
<b>Other Current Liabilities</b>	
2217 · Escrow Deposits Payable	
2220 · Due to SMR-Elliott parcel	2,500.00
2233 · Due to SMR-Crego/Peltcs	4,696.46
2251 · Due to Bridgewater Bank	4,077.28
2252 · Due Metro General Contractors	1,000.00
2253 · Due to Bridgewater Commons	39,610.00
2254 · Due to Ace Pyro LLC.	1,467.50
<b>Total 2217 · Escrow Deposits Payable</b>	53,351.24
2295 · Deferred Revenue	53.53
<b>Total Other Current Liabilities</b>	53,404.77
<b>Total Current Liabilities</b>	97,621.16
<b>Total Liabilities</b>	97,621.16



8:49 AM

02/24/18

Accrual Basis

**Bridgewater Township**  
**Balance Sheet**  
As of February 28, 2018

	<u>Feb 28, 18</u>
Equity	
3900 · Fund Balance	425,027.42
3940 · Invested in Capital Assets, Net	177,073.03
Net Income	-57,753.65
Total Equity	<u>544,346.80</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b><u><u>641,967.96</u></u></b>

## Bridgewater Township Sewer Operation Monthly Expenses

		January 31 through February 28, 2018					
Type	Date	Check #	Name	Description	Amount		
<b>Jan 31 - Feb 28, 18</b>							
Bill	02/01/2018	1290	DuBois-Cooper Associates	Grinder Pump repairs	756.32		
Bill	01/31/2018	1291	Faust Sand & Gravel, Inc.	-SPLIT-	1,877.50	<b>Clerk:</b>	<hr/>
Bill	02/24/2018	1292	MML Liability Property Pool	Prepaid Expenses	1,238.00		
Bill	01/31/2018	1293	USIC Locating Services, LLC	Miss Dig Locator Service	20.60	<b>Treasurer:</b>	<hr/>
Bill	02/01/2018	1294	Village of Manchester	Plant Operator	2,600.00		
					<u><b>6,492.42</b></u>		
<b>Jan 31 - Feb 28, 18</b>							

**Bridgewater Township Sewer Operation**  
**Profit & Loss Budget vs. Actual**  
 April 1, 2017 through February 24, 2018

	Apr 1, '17 - Feb 24, 18	Budget	\$ Over Budget
<b>Ordinary Income/Expense</b>			
<b>Income</b>			
Comerica Funds Transfer	0.00	0.00	0.00
Connection Fees			
Easement Fee	250.00	0.00	250.00
Grinder Pump Reimb + 10%	8,189.20	0.00	8,189.20
Inspection Fee	150.00	0.00	150.00
Permit Fee	0.00	0.00	0.00
Tap Fee	44,029.90	0.00	44,029.90
Connection Fees - Other	0.00	0.00	0.00
<b>Total Connection Fees</b>	52,619.10	0.00	52,619.10
County Reimbursement	0.00	0.00	0.00
Customer Finance Charge	0.00	904.77	-904.77
Insurance Proceeds	0.00	0.00	0.00
Interest Income Master Account			
Interest Income Checking	49.46	100.00	-50.54
Interest Income Master Account - Other	0.00	0.00	0.00
<b>Total Interest Income Master Account</b>	49.46	100.00	-50.54
Miscellaneous Income			
Debt Retirement - Interest	0.00	0.00	0.00
Debt Retirement - Principal	0.00	0.00	0.00
Repayment of O & M Fund	0.00	0.00	0.00
Miscellaneous Income - Other	0.00	0.00	0.00
<b>Total Miscellaneous Income</b>	0.00	0.00	0.00
Operating Expense Reimbursement	0.00	0.00	0.00
Operation Maintenance Income	93,000.00	90,566.66	2,433.34
Other Int Income - UBT Debt	0.00	0.00	0.00
Reimbursement from Contractors	0.00	0.00	0.00
Special Assessment Payoff	0.00	0.00	0.00
Special Assessment Revenue	28,959.64	48,627.61	-19,667.97
Uncategorized Income	0.00	0.00	0.00
<b>Total Income</b>	174,628.20	140,199.04	34,429.16
<b>Cost of Goods Sold</b>			
Cost of Goods Sold	0.00	0.00	0.00
<b>Total COGS</b>	0.00	0.00	0.00
<b>Gross Profit</b>	174,628.20	140,199.04	34,429.16
<b>Expense</b>			
Bank Service Charges	0.00	0.00	0.00
Bond Payment	0.00	0.00	0.00
Collection System			
Billing			
Billing Clerk	860.00	1,085.71	-225.71
Billing Other	0.00	0.00	0.00
Office Supplies	0.00	180.95	-180.95
Billing - Other	0.00	0.00	0.00
<b>Total Billing</b>	860.00	1,266.66	-406.66
Collection System Equip Repairs	0.00	0.00	0.00
Depreciation	0.00	0.00	0.00
Forcemains -Flushing & Disposal	0.00	904.77	-904.77
Grinder Pump repairs	2,876.32	9,047.62	-6,171.30
Miss Dig Locator Service	3,613.68	1,809.52	1,804.16
New Equipment	0.00	0.00	0.00
New Grinders	0.00	0.00	0.00
WWTP Operations Committee	0.00	1,085.71	-1,085.71
Collection System - Other	0.00	0.00	0.00
<b>Total Collection System</b>	7,350.00	14,114.28	-6,764.28

**Bridgewater Township Sewer Operation**  
**Profit & Loss Budget vs. Actual**  
 April 1, 2017 through February 24, 2018

	Apr 1, '17 - Feb 24, 18	Budget	\$ Over Budget
Drain Assessments	0.00	0.00	0.00
Due to Washtenaw County	0.00	0.00	0.00
Insurance	0.00	1,357.14	-1,357.14
<b>Legal &amp; Professional</b>			
Accounting	0.00	0.00	0.00
Audit	1,500.00	1,357.14	142.86
Engineer	280.00	2,261.91	-1,981.91
Legal Fees	0.00	452.38	-452.38
Legal & Professional - Other	0.00	0.00	0.00
<b>Total Legal &amp; Professional</b>	<b>1,780.00</b>	<b>4,071.43</b>	<b>-2,291.43</b>
Loan Payment	0.00	0.00	0.00
Miscellaneous Expense	0.00	22.62	-22.62
Miss Dig Locator SVS	0.00	0.00	0.00
New Equipment	20,055.00	9,047.62	11,007.38
NSF Check	0.00	0.00	0.00
Payroll Expenses	0.00	0.00	0.00
Reconciliation Discrepancies	-0.48	0.00	-0.48
<b>Treatment Plant</b>			
Building & Grounds Maintenance	3,635.00	1,809.52	1,825.48
Chemicals	3,244.70	5,428.57	-2,183.87
Depreciation	0.00	0.00	0.00
Diesel Fuel/Propane	1,900.00	904.77	995.23
Electricity	12,498.39	14,023.81	-1,525.42
Equipment Repairs	0.00	4,523.81	-4,523.81
Generator Maintenance Contract	933.83	995.23	-61.40
NPDES Permit	1,950.00	1,809.52	140.48
Out of Scope Changes for Operat	0.00	0.00	0.00
Phone Service	414.08	407.14	6.94
Plant Operator	28,600.00	28,228.57	371.43
Sludge Handling & Disposal	3,797.85	3,166.66	631.19
Supplies	111.92	271.43	-159.51
Treatment Plant - Other	0.00	0.00	0.00
<b>Total Treatment Plant</b>	<b>57,085.77</b>	<b>61,569.03</b>	<b>-4,483.26</b>
<b>Total Expense</b>	<b>86,270.29</b>	<b>90,182.12</b>	<b>-3,911.83</b>
<b>Net Ordinary Income</b>	<b>88,357.91</b>	<b>50,016.92</b>	<b>38,340.99</b>
<b>Other Income/Expense</b>			
<b>Other Income</b>			
Debt Retirement Fund Transfer	0.00	0.00	0.00
Debt Retirement Income			
Connection fees (new tap fees)	0.00	0.00	0.00
Interest	0.00	0.00	0.00
Special Assessment Installments			
Interest	0.00	0.00	0.00
Other	0.00	0.00	0.00
Principal	0.00	0.00	0.00
Special Assessment Installments - Other	0.00	0.00	0.00
<b>Total Special Assessment Installments</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Debt Retirement Income - Other	0.00	0.00	0.00
<b>Total Debt Retirement Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Grinder Pump Repair Reimb	-1,590.62	0.00	-1,590.62
Interest Income from Spec Asses	0.00	0.00	0.00
<b>Total Other Income</b>	<b>-1,590.62</b>	<b>0.00</b>	<b>-1,590.62</b>
<b>Other Expense</b>			
Contingencies/Reserves	0.00	4,358.63	-4,358.63

10:13 AM

02/24/18

Accrual Basis

**Bridgewater Township Sewer Operation**  
**Profit & Loss Budget vs. Actual**  
April 1, 2017 through February 24, 2018

	<u>Apr 1, '17 - Feb 24, 18</u>	<u>Budget</u>	<u>\$ Over Budget</u>
<b>Washtenaw Cty Debt Svc</b>			
Accounting Charges	0.00	0.00	0.00
Agent Fees	737.50	0.00	737.50
Interest	3,877.50	4,582.50	-705.00
Principal	35,250.00	41,066.25	-5,816.25
Washtenaw Cty Debt Svc - Other	0.00	0.00	0.00
Washtenaw Cty Debt Svc - Other	0.00	0.00	0.00
<b>Total Washtenaw Cty Debt Svc</b>	<u>39,865.00</u>	<u>45,648.75</u>	<u>-5,783.75</u>
<b>Total Other Expense</b>	<u>39,865.00</u>	<u>50,007.38</u>	<u>-10,142.38</u>
<b>Net Other Income</b>	<u>-41,455.62</u>	<u>-50,007.38</u>	<u>8,551.76</u>
<b>Net Income</b>	<u><b>46,902.29</b></u>	<u><b>9.54</b></u>	<u><b>46,892.75</b></u>

## Bridgewater Township Sewer Operation Balance Sheet As of February 28, 2018

	Feb 28, 18
<b>ASSETS</b>	
<b>Current Assets</b>	
Checking/Savings	
Key-Sewer O/M	
Capital Improvements Reserve	6,000.00
Key-Sewer O/M - Other	26,776.19
<b>Total Key-Sewer O/M</b>	32,776.19
Key Sewer O/M Saving	85,206.51
Key Sewer Retirement Checking	82,310.99
<b>Total Checking/Savings</b>	200,293.69
<b>Accounts Receivable</b>	
Accounts receivable	44,440.93
<b>Total Accounts Receivable</b>	44,440.93
<b>Other Current Assets</b>	
Due From Tax	7,017.10
Prepaid Expenses	2,954.67
Prepaid Insurance	-108.33
Taxes Receivable Special Asst	3,103.87
<b>Total Other Current Assets</b>	12,967.31
<b>Total Current Assets</b>	257,701.93
<b>Fixed Assets</b>	
Accessory Building	53,320.02
Accumulated Depr - Access Bldg	-7,938.72
Accumulated Depr - Equipment	-18,994.02
Accumulated Depr - Sewer System	-581,739.68
Equipment	63,004.77
Land	55,355.06
Sewer System Plant	1,966,444.05
<b>Total Fixed Assets</b>	1,529,451.48
<b>Other Assets</b>	
Special Assessment Receivable	148,275.00
<b>Total Other Assets</b>	148,275.00
<b>TOTAL ASSETS</b>	<b>1,935,428.41</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
Accounts Payable	
*Accounts Payable	8,659.96
<b>Total Accounts Payable</b>	8,659.96
<b>Other Current Liabilities</b>	
Accounts Payable	2,600.00
Due to General Fund	3,388.59
<b>Total Other Current Liabilities</b>	5,988.59
<b>Total Current Liabilities</b>	14,648.55
<b>Long Term Liabilities</b>	
2004 Bonds Wastewater Expansion	211,500.00
<b>Total Long Term Liabilities</b>	211,500.00
<b>Total Liabilities</b>	226,148.55

10:13 AM  
02/24/18  
Accrual Basis

**Bridgewater Township Sewer Operation**  
**Balance Sheet**  
As of February 28, 2018

	<u>Feb 28, 18</u>
<b>Equity</b>	
Invested in capital assets, net	1,317,951.48
Restricted for Debt Service	240,753.85
Unrestricted Funds (QB RE acct)	103,672.24
Net Income	46,902.29
	<hr/>
<b>Total Equity</b>	1,709,279.86
	<hr/>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>1,935,428.41</b>
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**AGREEMENT FOR PROFESSIONAL SERVICES**  
**Bridgewater Township**  
Project Number: \_\_\_\_\_

An Agreement entered by and between:

**Beckett & Raeder Inc.**  
535 West William, Suite 101  
Ann Arbor, MI 48103  
734.663.2622

**Bridgewater Township**  
10990 Clinton Road  
Manchester, MI 48158  
517.456.7728

For project known as: **Bridgewater Township Engineering Services**

**Description of Work:**

- 1.) Upon request, attendance at Township Board meetings, coordination with administrative staff and Planning Commission, and availability for phone calls and e-mails as needed.
- 2.) Engineering-Related Reviews: Prepare reviews and recommendations related to, but not limited to, mining plans, site plans, engineering/utility related ordinances, and planned developments.
- 3.) Provide as needed engineering services related to public works projects, roads, utilities, drains, and GIS mapping.

**Compensation:** Client agrees to compensate Consultant as follows:

- 1.) Township Board Meetings: Three hundred dollars (\$300.00)
- 2.) Engineering Reviews: Based on the Bridgewater Township Fee Schedule.
- 3.) As needed services: Based on written authorization from Township Supervisor based on the hours needed to complete the assignment using the attached B&R Fee Schedule.

Invoice Basis: Invoiced monthly

**Acknowledgements:**

**Beckett & Raeder Inc.**

**Client**

\_\_\_\_\_  
Kristofer Enlow, Principal

\_\_\_\_\_  
Laurie Fromhart, Township Manager

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Date: \_\_\_\_\_



## **TERMS AND CONDITIONS**

### ***Warranties and Disclaimer.***

Firm warrants that (a) all Deliverables provided to Client shall be Firm's original work, or that Firm will have acquired all rights necessary to fulfill its obligations under this Agreement and each Scope; (b) all Deliverables shall be provided in a diligent, prompt, and professional manner by individuals with the necessary knowledge and training to provide such Deliverables; and (c) all Deliverables will be provided in accordance with the milestones agreed to in the applicable Scope; provided that Client timely, accurately and completely performs all of its obligations under this Agreement and the Scope. The warranties described in this Section are the only warranties Firm makes under this Agreement. FIRM DISCLAIMS, AND CLIENT HEREBY WAIVES, ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR USE.

### ***Client Responsibilities - Generally.***

Client shall provide Firm with all access to Client's personnel, facilities, computers, materials and all other equipment reasonably necessary for Firm to provide the Deliverables as specified in the applicable Scope. Client will obtain any consent required from a third party to permit Firm to access and use that third party's hardware, software or other proprietary material under Client's possession and control in order for Firm to provide the Deliverables under the applicable Scope. Client warrants that it shall timely, accurately and completely perform those obligations and assume those responsibilities specified in this Agreement and in each applicable Scope, including, but not limited to, the timely rendering of all required decisions and approvals. Should Client fail to comply with this warranty, Firm shall receive an appropriate extension of time to provide the Deliverables under the applicable Scope, and Client shall reimburse Firm for all additional direct costs or expenses incurred by Firm as a result of Client's noncompliance.

### ***Ownership and Use of Deliverables.***

Unless otherwise expressly provided in a Scope, Firm will own all rights, title and interests, including intellectual property rights, in and to all Deliverables and other materials created in connection with or pursuant to this Agreement. No Deliverables will be considered "works made for hire" as that term is used in association with the U.S. Copyright Act. Nothing herein shall be construed to restrict, or constitute an assignment of, any of Firm's rights or proprietary interests in its methodologies, techniques, technology or products. Upon the payment of all amounts owed to Firm under the applicable Scope, Client will own its copies of all Deliverables provided to Client by Firm, and may copy, use, modify, adapt, translate and distribute all such Deliverables within its organization without restriction. The Deliverables may be used only for Client's business purposes as described in the applicable Scope. Any reuse or other use of any Deliverables after they have left the custody of Firm shall be at Client's sole risk without liability to, or cause of action against, Firm.

### ***Limitation of Liability.***

In recognition of the relative risks, rewards and benefits of the Projects to both the Client and the Firm, the risks have been allocated such that the Client agrees that, regardless of the form of action or theory of recovery, in no event shall Firm be liable to Client in connection with this Agreement and/or Deliverables for any (a) indirect, special, exemplary, consequential, incidental or punitive damages, even if Firm has been advised of the possibility of such damages; (b) lost profits, lost revenue, lost business expectancy, business interruption losses or benefit of the bargain damages; (c) act or omission of any third party, except for Firm's authorized subcontractors; and/or (d) direct damages in an amount in excess of all amounts received by Firm under the Scope under which the claim arose or \$100,000, whichever is less. These limitations apply to, without limitation, Firm's negligence, errors, omissions, strict liability, and breach of contract.

### ***Dispute Resolution.***

Any dispute between the parties arising out of or related to this Agreement and/or the Deliverables shall be initially submitted to non-binding mediation and in such event each party shall be equally responsible for the expense of the neutral mediator. If mediation is unsuccessful or is not commenced within thirty (30) days of written notice to the other party of a dispute, the dispute shall be resolved by arbitration. These dispute resolution procedures shall be conducted in accordance with the Construction Industry Rules of the American Arbitration Association and the arbitrator(s) shall have the power to award legal and equitable remedies. Judgment upon the award may be entered in any court having jurisdiction thereof. Nothing herein shall prevent either party from seeking injunctive or other equitable relief from a court of competent jurisdiction pending the conduct and outcome of arbitration.

### ***Entire Agreement - Amendment / Modification.***

This Agreement, which includes these Terms and Conditions and all Scopes, is the sole understanding of the parties with respect to the stated subject matter and may be amended only by a written agreement signed by both parties. No terms or conditions of either party's invoice, purchase order or other administrative document shall modify the terms and conditions of this Agreement, regardless of the other party's failure to object to such form.

## 2018 Professional Service Fee and Structure

Beckett & Raeder, Inc. / BRI, Inc. is pleased to submit for consideration the following fees for professional services and time / material services:

**AS REQUIRED BY CLIENT:**

Principal	\$145.00 Hour
Senior Professional Engineer	\$135.00 Hour
Senior Associate	\$125.00 Hour
Project Manager	\$125.00 Hour
Professional Engineer	\$120.00 Hour
Associate	\$115.00 Hour
Senior Landscape Architect	\$115.00 Hour
Senior Planner	\$115.00 Hour
Senior Project Site Representative	\$100.00 Hour
Project Engineer	\$100.00 Hour
Project Professional	\$ 95.00 Hour
Project Planner	\$ 95.00 Hour
Resident Project Site Representative	\$ 80.00 Hour
Computer Technician /CAD Technician	\$ 80.00 Hour
Clerical	\$ 65.00 Hour
Interns (non-degreed)	\$ 60.00 Hour
Inspection Forms	At Cost
Printing and Duplicating	At Cost
Photography	At Cost
Postage / UPS / FedEx	At Cost
Permit Application Fees	At Cost
Site Plan Review Fees	At Cost
Travel Expenses (Airfare, Lodging, Meals, Fares, etc)	At Cost
Mileage	At Current Federal Rate

*Note: Rates will be adjusted on the first of each year and billings will reflect the rates in effect at the time of services rendered*

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
A RESOLUTION TO ADOPT  
REGULAR BOARD OF TRUSTEES MEETING DATES  
RESOLUTION NUMBER 2018-06**

At a regular meeting of the Board of Trustees of Bridgewater Township, Michigan on March 1, 2018 at 7:00 p.m., the following members were present:

Present: Faust, Fromhart, McQueer, Oliver, Wharam

The following Resolution Number 2018-06 offered by Trustee \_\_\_\_\_, seconded by Trustee \_\_\_\_\_, to adopt the 2018 – 2019 Regular Schedule of Bridgewater Township Board of Trustees Meeting Dates being the first Thursday of each month except for holiday conflicts as follows:

2018: April 5th; May 3rd; June 7th; August 2nd; September 6th; October 4th; November 1st; December 6<sup>th</sup>.

2019: January 3rd; February 7th; March 7th.

Upon roll call vote, the following members voted:

AYE:

ABSENT:

NAY:

ABSTAIN:

Supervisor declared Resolution Number 2018 -06 duly adopted for the support of the 2018-2019 Regular Schedule of Bridgewater Township Board of Trustees Meeting Dates.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018 the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

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Tom Wharam  
Bridgewater Township Clerk

**BRIDGEWATER TOWNSHIP**  
**BOARD OF TRUSTEES**  
**A RESOLUTION TO ALLOW LOCAL RESIDENTS TO PROTEST IN**  
**WRITING TO THE 2018 BOARD OF REVIEW**  
**RESOLUTION 2018-07**

WHEREAS, in order to ease the burden on taxpayers, the Assessor and the Board of Review;  
and

WHEREAS, to ensure that all taxpayers have an equal opportunity to be heard by the Board of Review.

NOW THEREFORE BE IT RESOLVED that the Township of Bridgewater hereby resolves, according to provisions of MCL 211.30 (7) of the General Property Tax Act, that the Board of Review shall receive letters of protest regarding assessments from resident taxpayers from the first Tuesday in March until it adjourns from the public hearings for which it meets to hear such protests.

BE IT FURTHER RESOLVED that all notices of assessment change and all advertisements of Board of Review meetings are to include a statement that the resident taxpayers may protest by letter to the board.

Motion made by Trustee \_\_\_\_\_ and seconded by Trustee \_\_\_\_\_ to adopt the above Resolution.

Upon roll-call vote, the following members voted:

AYE:  
NAY:

ABSTAIN:  
ABSENT:

Supervisor declared Resolution Number 2018-07 to allow local residents to protest in writing to the 2018 Board of Review duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018, the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk

**BRIDGEWATER TOWNSHIP  
BOARD OF TRUSTEES  
RESOLUTION TO ESTABLISH SEWER CONNECTION FEE SCHEDULE  
RESOLUTION NUMBER 2018-08**

WHEREAS, the Township Board is authorized to adopt a schedule of fees for connection to the Hamlet of Bridgewater wastewater treatment plant and sewer collection system,

WHEREAS, the Sewer Use & Rate Ordinance states: “The owner of all premises is required to connect to the system shall pay a connection fee”,

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Bridgewater Township Board of Trustees adopt the following fee schedule for sewer connection fees provided by the Township or its agent.

	<u>YEAR</u>	<u>FEE PER REU</u>
1.	2018	\$22,014.95
2.	2019	\$22,014.95
3.	2020	\$22,014.95
4.	2021	\$22,014.95
5.	2022	\$22,014.95

Grinder pump fee: Purchase price of the grinder pump, including shipping, plus 10% administrative fee for handling.

Inspection fee: Fee amount to be determined on a case by case basis, and approved by the Township Board.

Easement: Fee amount to be determined on a case by case basis, and approved by the Township Board.

A motion was made by Trustee \_\_\_\_\_, seconded by Trustee \_\_\_\_\_ to adopt the fee schedule for sewer connections.

Upon roll-call vote the following members voted:

AYES:  
NAYS:

ABSTAIN:  
ABSENT:

The supervisor declared Resolution Number 2018-08 to Establish Sewer Connection Fee Schedule duly adopted.

Certification:

I, Tom Wharam, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on March 1, 2018, the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

\_\_\_\_\_  
Tom Wharam  
Bridgewater Township Clerk



# WASHTENAW COUNTY OFFICE OF THE SHERIFF



2201 Hogback Road ♦ Ann Arbor, Michigan 48105-9732 ♦ OFFICE (734) 971-8400 ♦ FAX (734) 973-4624 ♦ EMAIL [sheriff@ewashtenaw.org](mailto:sheriff@ewashtenaw.org)

JERRY L. CLAYTON  
SHERIFF

MARK A. PTASZEK  
UNDERSHERIFF

February 7, 2018

Laurie Fromhart  
Bridgewater Township Supervisor  
10990 Clinton Rd  
Manchester, MI 48158

Dear Ms. Fromhart,

Attached you will find the January report for service provided by the Washtenaw County Sheriff's Office to Bridgewater Township. The report shows specific information, with comparison to previous years, for time spent by position, traffic enforcement, total calls for service (including MSP), and deputies under contract from other jurisdictions responding into Bridgewater Township.

In Summary, Bridgewater Township had 33 calls for service for the month of January. Of the 33 calls the Michigan State Police responded to 19. The Sheriff Office responded to 4 calls, 10 calls were administratively cleared this month with no police response. In general these calls are typically: BOL's (Be on the Lookout), ambulance requests transferred to Huron Valley Ambulance, cancelation of call due to other resolution, example, alarm company cancels due to home owner request.

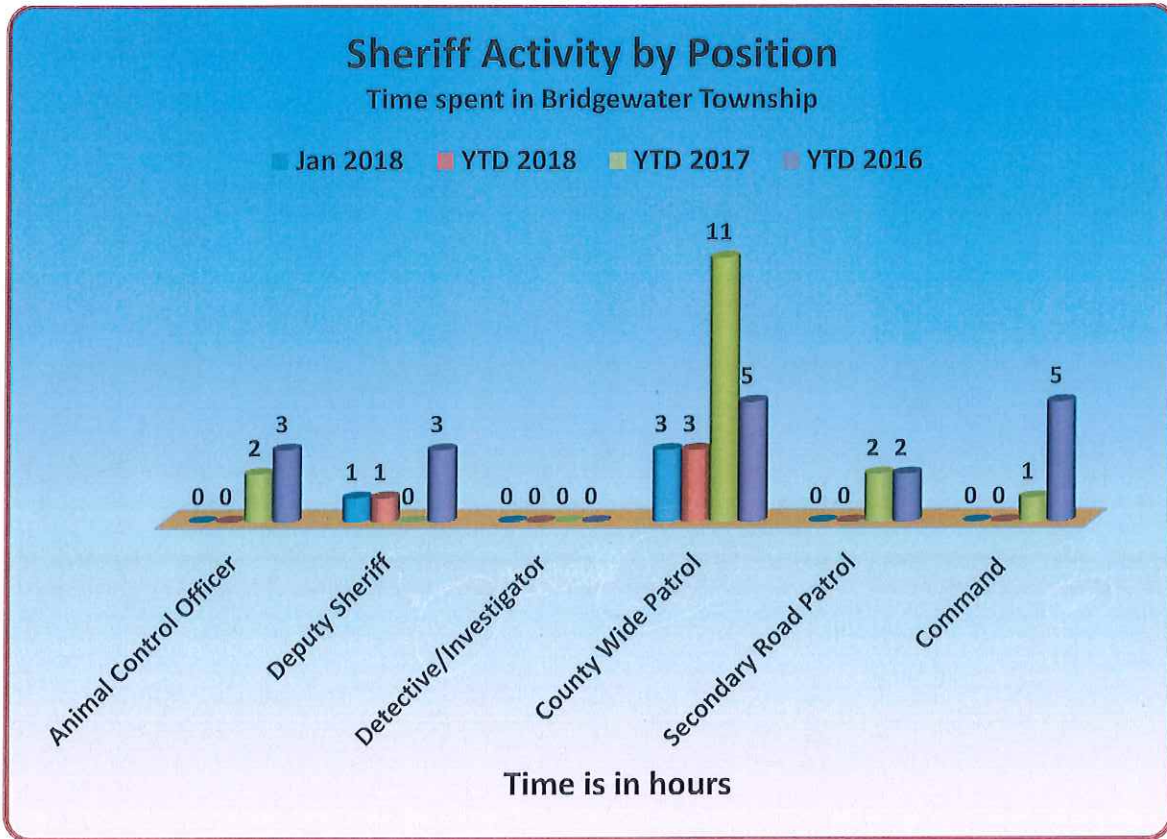
Please contact me at [kingl@ewashtenaw.org](mailto:kingl@ewashtenaw.org) or 734-994-8104 if you should need further information or clarification or wish to have this information in electronic form.

Respectfully,

Lisa King  
Lieutenant Western Operations



**Washtenaw County Sheriff's Office**  
 Bridgewater Township Services—January 2018



**Animal Control Officer:** County funded animal control officer responding to complaints involving domestic animals or wild animals that have been domesticated.

**Deputy Sheriff:** Deputies under contract by another jurisdiction who perform law enforcement duties in non-contract areas.

**Detective/Investigator:** County Funded detectives/investigators who have additional training, experience, and equipment to perform higher level law enforcement duties.

**County Wide Patrol:** County funded county wide road patrol deputies who primarily perform law enforcement duties in non-contracting areas.

**Secondary Road Patrol:** A partially funded grant to provide traffic enforcement on secondary roads throughout the County. Respond to and investigate traffic related incidents on secondary roads. On call investigators for serious injury and fatal motor vehicle crashes.

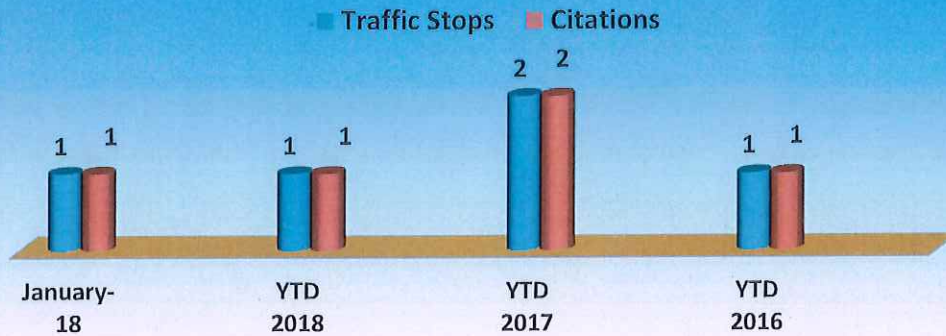
**Command:** Road patrol sergeants who supervise the above staff. Manages on duty staffing and coordinated on scene police response.





**Washtenaw County Sheriff's Office**  
**Bridgewater Township Services—January 2018**

**Traffic Enforcement--Bridgewater Township**



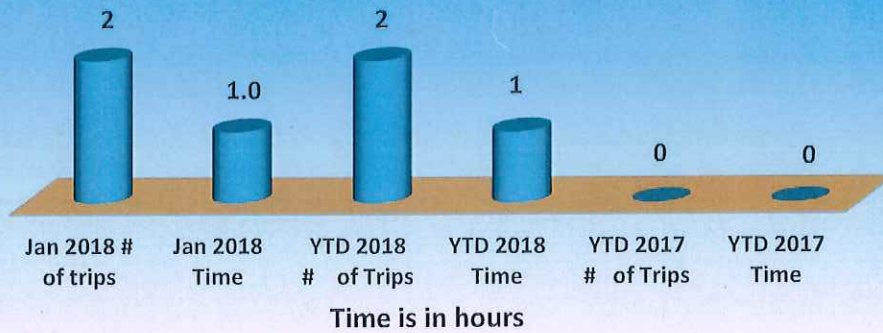
**Bridgewater Township Calls for Service**

Includes WCSO & MSP



**Contract Deputies into Bridgewater Township**

Manchester-Lodi Deputies





Description	Violation Category	Violation Type	Non-Compliance Date	Status
11/01/2017-11/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:555, Comment: 'This requirement was not met as counts went high and we searched for a cause. We found that one UV lamp on one of the two UV banks had burned out. The lamp was replaced and counts returned to normal'	DMR Report	DMR value exceeds Limit value (Permit)	11/19/2017	Active – Not Reviewed
11/01/2017-11/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:555, Comment: 'This requirement was not met as counts went high and we searched for a cause. We found that one UV lamp on one of the two UV banks had burned out. The lamp was replaced and counts returned to normal'	DMR Report	DMR value exceeds Limit value (Permit)	11/18/2017	Active – Not Reviewed
11/01/2017-11/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:555, Comment: 'This requirement was not met as counts went high and we searched for a cause. We found that one UV lamp on one of the two UV banks had burned out. The lamp was replaced and counts returned to normal'	DMR Report	DMR value exceeds Limit value (Permit)	11/17/2017	Active – Not Reviewed
11/01/2017-11/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:463, Comment: 'This requirement was not met as counts went high and we searched for a cause. We found that one UV lamp on one of the two UV banks had burned out. The lamp was replaced and counts returned to normal'	DMR Report	DMR value exceeds Limit value (Permit)	11/16/2017	Active – Not Reviewed
11/01/2017-11/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:463, Comment: 'This requirement was not met as counts went high and we searched for a cause. We found that one UV lamp on one of the two UV banks had burned out. The lamp was replaced and counts returned to normal'	DMR Report	DMR value exceeds Limit value (Permit)	11/15/2017	Active – Not Reviewed
09/01/2017-09/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:442, Comment: 'We experienced elevated fecal coliform counts for unknown reasons. The UV system was cleaned and counts returned to normal.'	DMR Report	DMR value exceeds Limit value (Permit)	09/26/2017	Active – Not Reviewed
09/01/2017-09/30/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:442, Comment: 'We experienced elevated fecal coliform counts for unknown reasons. The UV system was cleaned and counts returned to normal.'	DMR Report	DMR value exceeds Limit value (Permit)	09/25/2017	Active – Not Reviewed

Description	Violation Category	Violation Type	Non-Compliance Date	Status
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:36, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/26/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:36, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/25/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:38, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/24/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:38, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/23/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:41, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/22/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:41, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/21/2017	Active – Not Reviewed

Description	Violation Category	Violation Type	Non-Compliance Date	Status
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:41, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/20/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:31, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/19/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum 7-Day Average - Permit Limit:30 mg/L; Value:31, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/18/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Carbonaceous Biochemical Oxygen Demand (CBOD5), Maximum Daily - Permit Limit:10 mg/L; Value:20, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/16/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Ammonia Nitrogen (as N), Maximum Daily - Permit Limit:0.6 lbs/day; Value:1.7, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/16/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Ammonia Nitrogen (as N), Maximum Daily - Permit Limit:2.0 mg/L; Value:11.2, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/16/2017	Active – Not Reviewed



Description	Violation Category	Violation Type	Non-Compliance Date	Status
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Carbonaceous Biochemical Oxygen Demand (CBOD5), Maximum Monthly Average - Permit Limit:4 mg/L; Value:6, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/01/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Phosphorus (as P), Maximum Monthly Average - Permit Limit:0.5 mg/L; Value:0.6, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/01/2017	Active – Not Reviewed
<p>07/01/2017-07/31/2017 v1, 001A, Prior to Disinfection (B), Total Suspended Solids, Maximum Monthly Average - Permit Limit:20 mg/L; Value:22, Comment: 'Violations for the month were caused by decreased efficiency of the two aeration tank aspirating aerators resulting in inadequate aeration. Also an RAS line plugged. All items have been corrected.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	07/01/2017	Active – Not Reviewed
<p>04/01/2017-04/30/2017 v1, 001A, Percent Removal (K), Total Suspended Solids Minimum % Removal, Minimum Monthly % Removal - Permit Limit:85 %; Value:80, Comment: 'This requirement was not met due to low influent total suspended solids concentrations for the month.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	04/01/2017	Active – Not Reviewed
<p>03/01/2017-03/31/2017 v1, 001A, Percent Removal (K), Total Suspended Solids Minimum % Removal, Minimum Monthly % Removal - Permit Limit:85 %; Value:74, Comment: 'This requirement was not met due to low influent total suspended solids concentrations for the month.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	03/01/2017	Active – Not Reviewed
<p>02/01/2017-02/28/2017 v1, 001A, Percent Removal (K), Total Suspended Solids Minimum % Removal, Minimum Monthly % Removal - Permit Limit:85 %; Value:81, Comment: 'This requirement was not met due to low influent total suspended solids for the month.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	02/01/2017	Active – Not Reviewed
<p>01/01/2017-01/31/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:443, Comment: 'This requirement was not met due to facility upset caused by RAS flow problems experienced in December 2016.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	01/17/2017	Active – Not Reviewed
<p>01/01/2017-01/31/2017 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:443, Comment: 'This requirement was not met due to facility upset caused by RAS flow problems experienced in December 2016.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	01/16/2017	Active – Not Reviewed

Description	Violation Category	Violation Type	Non-Compliance Date	Status
<p>01/01/2017-01/31/2017 v1, 001A, Percent Removal (K), Total Suspended Solids Minimum % Removal, Minimum Monthly % Removal - Permit Limit:85 %; Value:82, Comment: 'This requirement was not met due to facility upset caused by RAS flow problems experienced in December 2016.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	01/01/2017	Active – Not Reviewed
<p>01/01/2017-01/31/2017 v1, 001A, Prior to Disinfection (B), Total Phosphorus (as P), Maximum Monthly Average - Permit Limit:0.5 mg/L; Value:0.59, Comment: 'This requirement was not met due to facility upset caused by RAS flow problems experienced in December 2016.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	01/01/2017	Active – Not Reviewed
<p>12/01/2016-12/31/2016 v1, 001A, Final Effluent (1), Fecal Coliform, Max 7-Day Geometric Mean - Permit Limit:400 #/100mL; Value:560, Comment: 'We experienced several days of elevated fecal coliform counts that we believe were caused by improper return sludge pump function, causing low mixed liquor suspended solids concentrations.'</p>	Effluent Limits	DMR value exceeds Limit value (Permit)	12/26/2016	Active – Not Reviewed

# Bridgewater Township Mineral Extraction License

Licensee/Applicant: Gerken Materials, Inc.  
9072 CR 424  
Napoleon, Ohio 43545

Property Owner: Mary Janet Crego Peltcs Amended Trust  
c/o Kirk Johnson  
455 E. Eisenhower Parkway, Suite 102  
Ann Arbor, MI 48108

Issued by: Bridgewater Township Board of Trustees by authority of  
Bridgewater Township Mineral Extraction Ordinance (59).

Subject Property: Land in Bridgewater Township, Washtenaw County, Michigan  
bearing tax identification numbers:  
#17-29-200-008;  
#17-29-200-009; and  
#17-29-200-010.

Date Issued: March 3, 2016

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## Regulatory Documents:

Mineral extraction operations are regulated by Bridgewater Township ordinances currently in effect, specifically:

- ▶ Bridgewater Township Zoning Ordinance (26) and
- ▶ Bridgewater Township Mineral Extraction Ordinance (59)

## Reference Documents:

- ▶ Mineral Extraction License Expansion Application in totality submitted on July 13, 2015, revised September 30, 2015, with final revision December 10, 2015.
- ▶ Site plans: 1 (April 7, 2015); 2A (September 30 Revised December 3, 2015); 2B (April 7, Revised September 30, Revised December 3, 2015); 2C, 2D, 2E & 2F (December 3, 2015); 3A (April 7 Revised September 30, 2015); 4 (retracted, not applicable); 5 (April 7, 2015); 6 & 7 (April 7, 2015 Revised September 30, 2015); 8 (December 8, 2015) of Mineral Extraction License Application (July 13, 2015, Revised December 10, 2015).

Variance Application dated February 9, 2016  
Variance Area Map dated February 15, 2016

- ▶ OHM Advisors Review Letter dated August 4, 2015  
Donald N. Pennington Report dated August 7, 2015  
Donald N. Pennington Report dated January 9, 2016  
OHM Advisors Review Letter dated March 3, 2016
- ▶ Crego/Peltcs Special Land Use Permit issued February 12, 2007  
Crego/Peltcs Mineral Extraction License issued August 2, 2007  
Crego/Peltcs Mineral Extraction License Renewal issued August 2, 2012
- ▶ Lease between Mary C. Peltcs, Trustee of the Mary Janet Crego Peltcs Living Trust, Washtenaw County, Michigan ("Lessor") and Stansley Mineral Resources, Inc. an Ohio corporation of Sylvania, Ohio predecessor in interest to GS Materials, LLC (GSM), with successor in interest to Gerken Materials, Inc.(GMI). Dated June 15, 2000.
- ▶ Part 301,303 MDEQ Permit #14-81-0030-P Issued February 2, 2016

**Action Requested:**

Licensing of expanded mineral extraction operations and the creation of a 27.1-acre inland lake approximately 60' deep, and expansion of an existing lake on the adjoining Parcel currently governed under a consent judgment. The three existing parcels within the State of Michigan.

Subject to this License are in Washtenaw County; Bridgewater Township. Tax identification numbers: #17-29-200-008; #17-29-200-009; and #17-29-200-010. Complete operations plan is included in application.

**Required Findings:**

The Bridgewater Township Board of Trustees has reviewed and studied the proposed expanded mineral extraction operation, addressed public concerns, and assimilated detailed Information from GMI, from Bridgewater Township Planning Commission, legal and engineering consultants and analysis at a series of public and work session meetings. Based on the foregoing the Bridgewater Township Board of Trustees makes the following findings in accordance with the requirements of Section 8 of the Township Mineral Extraction Ordinance (59):

1. GMI is able to comply with Ordinance 59. GMI. has the means, capability, and intention to carry out mining operations as described in the application for licensure and to meet the required obligations, imposed by Ordinance 59. Furthermore, GMI. has indicated its willingness to provide all assurances and certificates required.
2. The proposed operation, to be carried out in accord with the application

submitted with the cover letter dated December 10, 2015 in its entirety with additions, and documents referenced above, and made a part of this license, accepted drawings, Ordinance 59 and the conditions enumerated by the Bridgewater Township Planning Commission in its Special Land Use Approval dated February 12, 2007, will not adversely affect the health, safety and welfare of the residents of the Township.

3. The proposed operation will not cause traffic hazards. No additional haul routes will be utilized other than the existing haul route on Bartlett Road.
4. Based upon information gathered from experts, from data submitted by GMI, the Bridgewater Township Board of Trustees finds that the proposed mining operations will not adversely affect the water table, water quality, or water supply of any surrounding land.
5. The restoration plan reviewed by the Bridgewater Township Board of Trustees, consisting of an MDEQ approved lake with surrounding agriculture or future uses, is safe and harmonious with the surrounding land uses.
6. The end use proposed in the reclamation plan, which is a combination of agricultural land, lake front property and open space, is acceptable to the Bridgewater Township Board of Trustees, based upon the Planning Commission's review of the Township zoning ordinance, Township master plan, surrounding land uses and site characteristics.

**Additional Findings:**

In addition to the foregoing the Bridgewater Township Board of Trustees makes the following findings:

1. There are substantial quantities of sand and gravel on the parcels under consideration and that the parcels under review for licensing are adjacent to existing mining operations.
2. The granting of a license will not cause undue hazards or impacts to the adjoining residential and farming population nor will it disrupt the established character of Bridgewater Township.
3. There are some unavoidable incompatibilities between mining operations and other types of land uses within the Township. The impact of these incompatibilities can and will be diminished and softened by the requirements imposed by the Bridgewater Township Board of Trustees.
4. The granting of a license to GMI will not unreasonably impact the essential character of Bridgewater Township.
5. The Bridgewater Township Board of Trustees finds the necessary fees,



bonds, security deposits and evidence of insurance were submitted with the initial application. Those may have expired or could expire prior to the beginning of actual extraction operations, Therefore, the Bridgewater Township Board of Trustees finds that final certification of fees, bonds, security deposits and evidence of insurance must be submitted to the Bridgewater Township Supervisor subsequent to this approval, and subsequent to other compliances, but prior to initiation of any onsite extraction operations. The Township Supervisor shall approve the fees, bonds, security deposits and evidence of insurance if they comply with the Ordinance or were approved by the Bridgewater Township Board of Trustees or its successor.

6. The Bridgewater Township Board of Trustees has determined that adverse impacts on groundwater quantity and/or quality from mining operations are not expected.
7. Special Land Use Requirements. The Bridgewater Township Planning Commission on February 12, 2007, completed its findings that the proposed use meets the requirements of the Review Standards and Criteria of Zoning Ordinance Section 1401 and granted a Special Land Use Permit based on the contents and statements in the application, drawings, and other supplemental materials submitted, subject to conditions. The Bridgewater Township Board of Trustees finds the conditions of the Crego/Peltcs Special Land Use permit (February 12, 2007) granted by the Bridgewater Township Planning Commission to be sound and in good judgment and incorporated into the extraction license conditions, See: Crego/Peltcs.

**Mineral Extraction License Approved:**

After due consideration and deliberation of the information submitted by GMI, the residents of Bridgewater Township, and local ordinance, the Bridgewater Township Board of Trustees approves the Mineral Extraction License for Gerken Materials, Inc. Licensing will permit mineral extraction operations and the creation of a 27.1-acre inland lake approximately 60' deep, on three existing parcels within the State of Michigan, Washtenaw County; Bridgewater Twp. Tax identification numbers: #17-29-200-008; #17-29-200-009; and #17-29-200-010.

Motion Passed on March 3, 2016 at the Regular Meeting of Bridgewater Township  
Bridgewater Township Board of Trustees:

  4   Ayes;   0   Nays;   1   Absent;   0   Abstain

Conditions of approval including those matters mandated by Section 10 of the  
Bridgewater Township Extraction Ordinance (59)

1. Compliance with the provisions of the Bridgewater Township Mineral Extraction Ordinance (59), including all amendments thereto,

Bridgewater Township  
Mineral Extraction License

2. A full description of the operation, including all conditions and restrictions permitted by the license board on approved plans and drawings. See attached: Site plans: 1 (April 7, 2015); 2A (September 30 Revised December 3, 2015); 2B (April 7, Revised September 30, Revised December 3, 2015); 2C, 2D, 2E & 2F (December 3, 2015); 3A (April 7 Revised September 30, 2015); 4 (retracted, not applicable); 5 (April 7, 2015); 6 & 7 (April 7, 2015 Revised September 30, 2015); 8 (December 8, 2015) of Mineral Extraction License Application (July 13, 2015, Revised December 10, 2015).
3. A full description of the restored site based on the approved plans and drawings. See attached: Site plan 8 (December 8, 2015); including conditions set forth in the Bridgewater Township Planning Commission SLU Permit (February 12, 2007).
4. The scheduled dates for the completion of the operations, each restoration stage, and completion of the restoration plans. See attached: Site Plans #2A through 2F. Site Plan 8 includes a phased reclamation schedule.
5. The dates, for which the license is valid based on the continual restoration schedule approved by the Bridgewater Township Board of Trustees.

This license is valid for a period of five years from the date of issuance. If the project is not completed within the five-year period, upon review, a renewal will be granted which shall reflect the updated timetable required for completion.

6. All parties having an interest in the land and/or operation shall sign this extraction license acknowledging receipt of the terms and conditions set forth herein and their agreement to:
  - a. To fully comply with the terms of Ordinance 59 and all License conditions and,
  - b. Reimburse the Township for all legal, engineering, consulting, and investigative costs incurred by the Township in establishing any violations and for any enforcement action taken by the Township. No reimbursement will be required if no violation is found by plea or judgment.
7. Township agents, representatives, independent contractors and engineers are authorized to enter upon the property at any time for the purposes of inspection and may extract from the property such small samples of water, soil and other materials as may be necessary to assure compliance.
8. The operation remains subject to:
  - a. Required inspections by the Township engineer and/or other

- designated agents or officials of the Township.
- b. Payment of annual license fees.
  - c. Reimbursement for all Township costs for monitoring to determine compliance with the license.
  - d. Renewal of the Mineral Extraction License every five years.
9. All required attachments to the application. See attached.
  10. During periods when a floating dredge using an on-board diesel fuel generator is in operation on the proposed lake, water shall be tested for quality according to the NPDES permit requirements for the facility and results submitted to the Township to be reviewed and then placed into the license file.
  11. The effects to groundwater quantity and/or quality from mining operations shall be monitored and that both data and analysis of that data shall be submitted to the Bridgewater Township Board of Trustees on a regular basis. As recommended by GeoForensics (February 04, 2007), trigger mechanisms are to be implemented, through which adverse impacts from mining can be identified in the event a negative trend in groundwater quantity and/or quality occurs.
  12. Copies of all required reporting, and reports or inspections conducted by other regulatory agencies regarding the mining operations, surface and groundwater conditions, soil erosion, fuel storage inspections, etc., shall be copied and submitted to the Township to be reviewed and then placed into the license file. Data obtained from monitoring groundwater levels and analysis including trigger point indicators shall be gathered and submitted on an annual basis, to be reviewed, and then placed in the license file.
  13. During the course of consideration of this mineral extraction license, and in the granting of this license, all application and drawing references to the Bridgewater Township Mineral Extraction Ordinance are presumed to refer to Ordinance 59, and that its subsequent revisions and the provisions of this license will be the basis for operation review and enforcement.
  14. The licensee will remain subject to required annual inspections by the Township Engineer and/or other agents of the Township and payment of annual license fees and reimbursement of the Township Engineer's fees for monitoring to determine compliance with the license.
  15. The licensee shall maintain and operate in a manner consistent with all operational criteria in the Bridgewater Township Mineral Extraction Ordinance 59.

Bridgewater Township  
Mineral Extraction License

16. The licensee shall maintain all necessary permits and payment of all necessary fees identified in the application and the Ordinance, and as otherwise may be required by federal, state, county or local regulation.
17. This license is granted based upon the representations and proposals set forth the Application submitted by GMI. If GMI designs, builds, operates, restores or otherwise takes action related to the subject parcel in a manner that is not in conformance with the subject Application as amended, the conditions imposed by Bridgewater Township Board of Trustees, the Township Board, in accordance with this license, it shall constitute a violation of the Township's Ordinances and shall be subject to enforcement procedures.

***Signature Page Follows***

Bridgewater Township  
Mineral Extraction License  
Signature Page

**Bridgewater Township Board**

\_\_\_\_\_  
Laurie Fromhart, Township Supervisor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Tom Wharam, Township Clerk

\_\_\_\_\_  
Date

**Applicant & Owner**

\_\_\_\_\_  
Brent Gerken, President, Gerken Materials, Inc.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Frank Tokar, CPG, NRM, Preparer of License

\_\_\_\_\_  
Date

\_\_\_\_\_  
Kirk Johnson, Power of Attorney for  
Mary Janet Crego Peltcs Amended Trust

\_\_\_\_\_  
Date



## NOTICE OF AUTHORIZATION

**Permit Number: WRP010387 v. 1**

**Site Name: 81-Clinton Road over Gadd Drain Culvert**

**Date Issued: February 6, 2018**

**Expiration Date: February 6, 2023**

The Michigan Department of Environmental Quality, Water Resources Division, P.O. Box 30458, Lansing, Michigan 48909-7958, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; specifically:

- Part 31, Floodplain Regulatory Authority of the Water Resources Protection.
- Part 301, Inland Lakes and Streams.
- Part 303, Wetlands Protection.
- Part 315, Dam Safety.
- Part 323, Shorelands Protection and Management.
- Part 325, Great Lakes Submerged Lands.
- Part 353, Sand Dunes Protection and Management.

**Authorized Activity: Remove the existing culvert and construct a 72 foot long, 5 foot diameter corrugated metal culvert at the Clinton Road crossing of Gadd Drain. All activities shall be completed in accordance with approved plans and conditions of this permit**

To be conducted at property located in: Washtenaw County, Waterbody: Gadd Drain  
Section 21, Town 04S, Range 04E, Bridgewater Township

Permittee:

Washtenaw County Road Commission  
555 N Zeeb Road  
Ann Arbor, MI 48103

A handwritten signature in black ink, appearing to read 'John Skubinna'.

John Skubinna  
Transportation Review Unit  
Water Resources Division  
517-256-1469

*This notice must be displayed at the site of work.  
Laminating this notice or utilizing sheet protectors is recommended.*  
Please refer to the above permit number with any questions or concerns.

**DEQ-WRD**  
**WRP010387 v1.0**  
**Approved**  
**Issued On:02/06/2018**  
**Expires On:02/06/2023**



**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER RESOURCES DIVISION  
MINOR PROJECT PERMIT**

**Issued To:**

Washtenaw County Road Commission  
555 N Zeeb Road  
Ann Arbor, MI 48103

**Permit No.:** WRP010387 v.1  
**Submission No.:** HNB-1SP7-7TGPF  
**Site Name:** 81-Clinton Road over Gadd Drain Culvert  
**Issued:** February 6, 2018  
**Revised:**  
**Expires:** February 6, 2023

This permit is being issued by the Michigan Department of Environmental Quality (MDEQ), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Part 301, Inland Lakes and Streams                         | <input type="checkbox"/> Part 323, Shorelands Protection and Management |
| <input type="checkbox"/> Part 303, Wetlands Protection   | <input type="checkbox"/> Part 325, Great Lakes Submerged Lands          |
| <input type="checkbox"/> Part 315, Dam Safety  | <input type="checkbox"/> Part 353, Sand Dunes Protection and Management |
| <input type="checkbox"/> Part 31, Water Resources Protection (Floodplain Regulatory Authority) |   |

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

**Authorized Activity: Remove the existing culvert and construct a 72 foot long, 5 foot diameter corrugated metal culvert at the Clinton Road crossing of Gadd Drain. All activities shall be completed in accordance with approved plans and conditions of this permit.**

Authorized Under Minor Project Category:

Waterbody Affected:

Gadd Drain

Property Location:

Washtenaw County, Bridgewater Township, Town/Range/Section:  
04S04E21, Property Tax No.

**Authority granted by this permit is subject to the following limitations:**

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.

**DEQ-WRD  
WRP010387 v1.0  
Approved  
Issued On:02/06/2018  
Expires On:02/06/2023**



- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify the MDEQ within one week after the completion of the activity authorized by this permit by completing and forwarding the attached preaddressed postcard to the office addressed thereon.
- J. This permit shall not be assigned or transferred without the written approval of the MDEQ.
- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- M. In issuing this permit, the MDEQ has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, the MDEQ may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- N. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- O. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, the MDEQ may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- P. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from the MDEQ. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by the MDEQ prior to being implemented.
- Q. This permit may be transferred to another person upon written approval of the MDEQ. The permittee must submit a written request to the MDEQ to transfer the permit to the new owner. The new owner must also submit a written request to the MDEQ to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all of the above information may be provided to the MDEQ. The MDEQ will review the request and, if approved, will provide written notification to the new owner.
- R. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.
- S. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- T. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- U. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- V. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- W. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- X. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.
- Y. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
1. Authority granted by this permit does not waive permit or program requirements under Part 91 of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit [www.mi.gov/deqstormwater](http://www.mi.gov/deqstormwater) and select "Soil Erosion and Sedimentation Control Program" under "Related Links."
  2. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other



governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.

3. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
4. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
5. The permit placard shall be kept posted at the work site, in a prominent location at all times for the duration of the project, or until permit expiration.
6. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by the MDEQ, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.
7. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
8. The permittee is responsible for acquiring all necessary easements or rights-of-way before commencing any work authorized by this permit. All construction operations relating to or part of this project shall be confined to the existing right-of-way limits or other acquired easements.
9. Temporary soil erosion and sedimentation control measures shall be installed before or upon commencement of the earth change and shall be maintained daily. Temporary soil erosion and sedimentation control measures shall be maintained until permanent soil erosion and sedimentation control measures are in place and the area is stabilized. Permanent soil erosion and sedimentation control measures for all slopes, channels, ditches, or any disturbed area shall be installed within five (5) calendar days after final grading or the final earth change has been completed.
10. All raw areas in uplands resulting from the permitted construction activity shall be effectively stabilized with sod and/or seed and mulch (or other technology specified by this permit or project plans) in a sufficient quantity and manner to prevent erosion and any potential siltation to surface waters or wetlands. Temporary stabilization measures shall be installed before or upon commencement of the permitted activity, and shall be maintained until permanent measures are in place. Permanent measures shall be in place within five (5) days of achieving final grade.
11. All raw earth within 100 feet of a lake, stream, or wetland that is not brought to final stabilization by the end of the active growing season shall be temporarily stabilized with mulch blankets in accordance with the following dates: September 20<sup>th</sup> for the Upper Peninsula, October 1<sup>st</sup> for the Lower Peninsula north of US-10, and October 10<sup>th</sup> for the Lower Peninsula south of US-10.
12. This permit placard shall be kept posted at the work site, in a prominent location at all times for the duration of the project, or until permit expiration.
13. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by the MDEQ, will be for a five-year period beginning at the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.
14. All dredge/excavated spoils including organic and inorganic soils, vegetation, and other material removed shall be placed on upland (non-wetland, non-floodplain or non-bottomland), prepared for stabilization, revegetated and reseeded with native Michigan species appropriate to the site, and mulched in such a manner so as to prevent and ensure against erosion of any material into any waterbody, wetland, or floodplain.
15. During removal or repair of the existing structure, every precaution shall be taken to prevent debris from entering any watercourse. Any debris reaching the watercourse during the removal and/or reconstruction of the structure shall be immediately retrieved from the water. All material shall be disposed of in an acceptable manner consistent with local, state, and federal regulations.
16. Prior to the removal of the existing structures, cofferdams of steel sheet piling, gravel bags, clean stone, coarse aggregate, concrete or other acceptable barriers shall be installed to isolate all construction activity from the water. The barriers shall be maintained in good working order throughout the duration of the project. Upon project completion, the accumulated materials shall be removed and disposed of at an upland site.
17. All cofferdam and temporary steel sheet pile shall then be removed in its entirety, unless specifically shown to be left in place on the accepted plans. Cofferdam and sheet pile that is left in place shall be cut off at the elevation shown on the plans and shall be a minimum of one foot below the stream bottom.
18. The existing structure shall be kept open to pass the stream flow during removal of the existing road fill.
19. The placement of the new culvert and the initial placement of fill in the stream shall be done immediately after removal of the existing culvert. The placement shall be conducted in such a manner that all flow is immediately passed through the new culverts, allowing the major placement of fill to be done in the dry or in still water where

erosion and sedimentation will be minimized. The fill material used in this initial placement shall be washed gravel, coarse aggregate, or rock and shall be placed at both ends of the culvert to a level above normal water level before backfill material is placed.

20. The culvert shall be installed to align with the center line of the existing stream at both the inlet and outlet ends, and must be recessed into the stream bed to provide a natural channel substrate throughout the structure, as shown on the approved plans.
21. Road fill side slopes shall not be steeper than 1-on-2 (1 vertical to 2 horizontal) except where headwalls of reinforced concrete, mortar masonry, dry masonry, or other acceptable methods are used.
22. Road fill side slopes terminating in the stream and any raw streambanks resulting from the construction shall be stabilized with temporary measures in accordance with appropriate Best Management Practices based on site conditions, and if necessary, may be riprapped extending above the ordinary high water mark, before or upon commencement of the permitted activity. Temporary stabilization measures shall be maintained until permanent measures are in place.
23. All other road fill slopes, ditches, and other raw areas draining directly to the stream may be protected with riprap, sod and/or seed and mulch as may be necessary to provide effective erosion protection. The placement of riprap shall be limited to the minimum necessary to ensure proper stabilization of the side slopes and fill in the immediate vicinity of the structure.
24. If the project, or any portion of the project, is stopped and lies incomplete for any length of time other than that encountered in a normal work week, every precaution shall be taken to protect the incomplete work from erosion, including the placement of temporary gravel bag riprap, temporary seed and mulch, or other acceptable temporary protection.
25. No work shall be done in the stream during periods of above-normal flows except as necessary to prevent erosion.
26. No work or dredging within the water authorized by this permit is allowed from May 1 to June 30 due to critical spawning, migration, and/or recreational use periods.

Issued By:

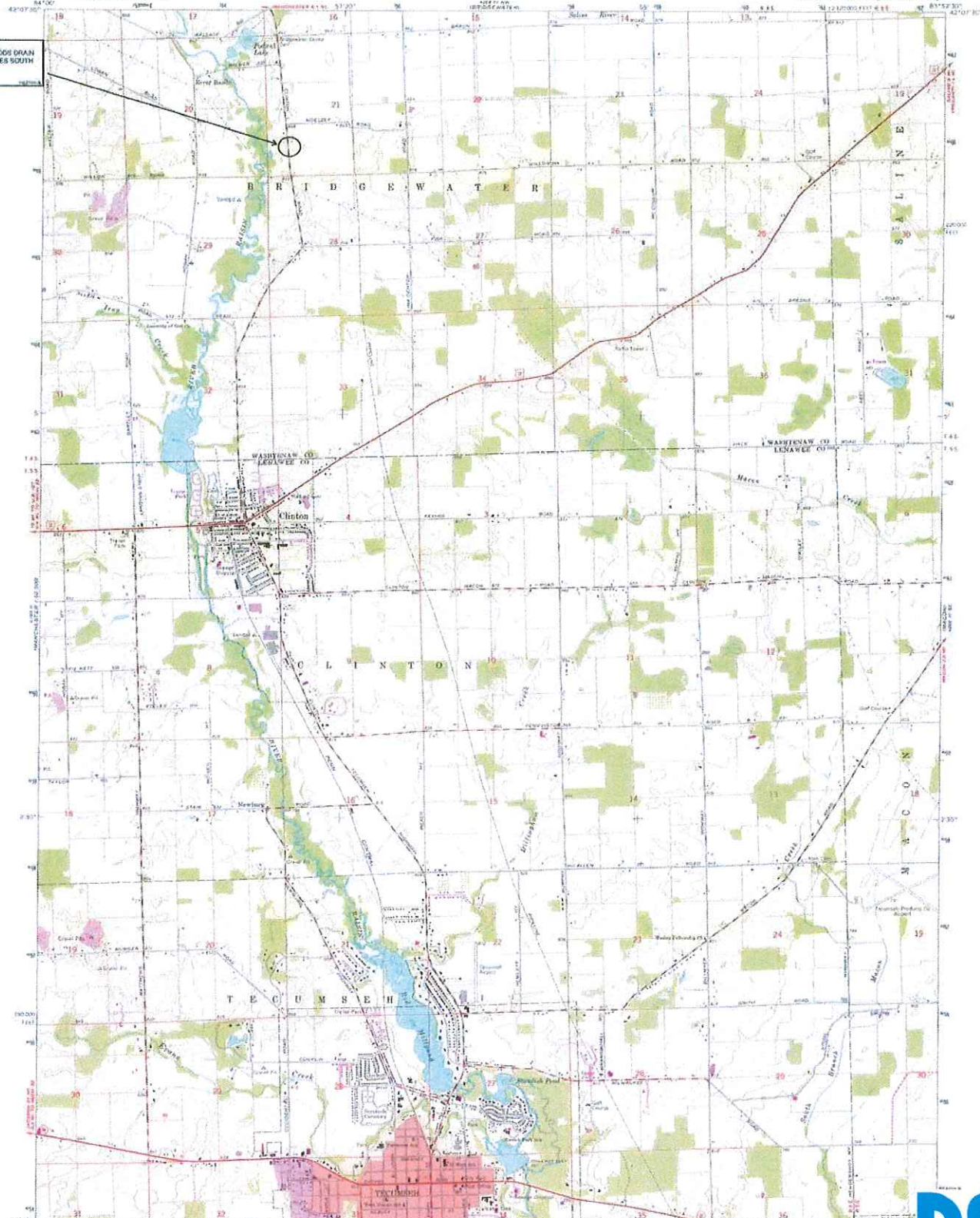


John Skubinna  
Transportation Review Unit  
Water Resources Division  
517-256-1469

cc: Bridgewater Township Clerk  
Washtenaw County Drain Commissioner  
Washtenaw CEA  
Ms. Michelle Conklin, Local Agency Programs, MDOT  
Ms. Tiffany Myers, MDEQ  
Mr. Matt Konieczki, MDEQ

DEQ-WRD  
WRP010387 v1.0  
Approved  
Issued On:02/06/2018  
Expires On:02/06/2023

WASHINGTON COUNTY  
CLINTON ROAD OVER GADSDEN DRAIN  
APPROXIMATELY 0.16 MILES SOUTH  
OF HEBELZER ROAD  
SECTION 21



Map prepared and published by the Geological Survey in cooperation with State of Michigan agencies. Cannot be reproduced without permission.

Topographic by photogrammetric methods from aerial photographs taken 1963-66. Field check 1967.

Vertical projection, 1922 North American datum, 10,000-foot grid based on Michigan coordinate system, south zone, 1000 meters Universal Transverse Mercator grid zone, zone 17, datum 1983.

Red line indicates area in which only landmark buildings are shown. Federal shaded areas indicate selected towns and city limits whose general outlines are shown photographically. This information is unclassified. Information appears in aerial photographs from aerial photography taken 1972. This information not base map.

Purple font indicates information of which date.



ROAD CLASSIFICATION

Major Rd. ——— Light Rd.

Minor Rd. ——— Unimproved Rd.

U.S. Route (circle with U.S.) State Route (circle with S)



PA

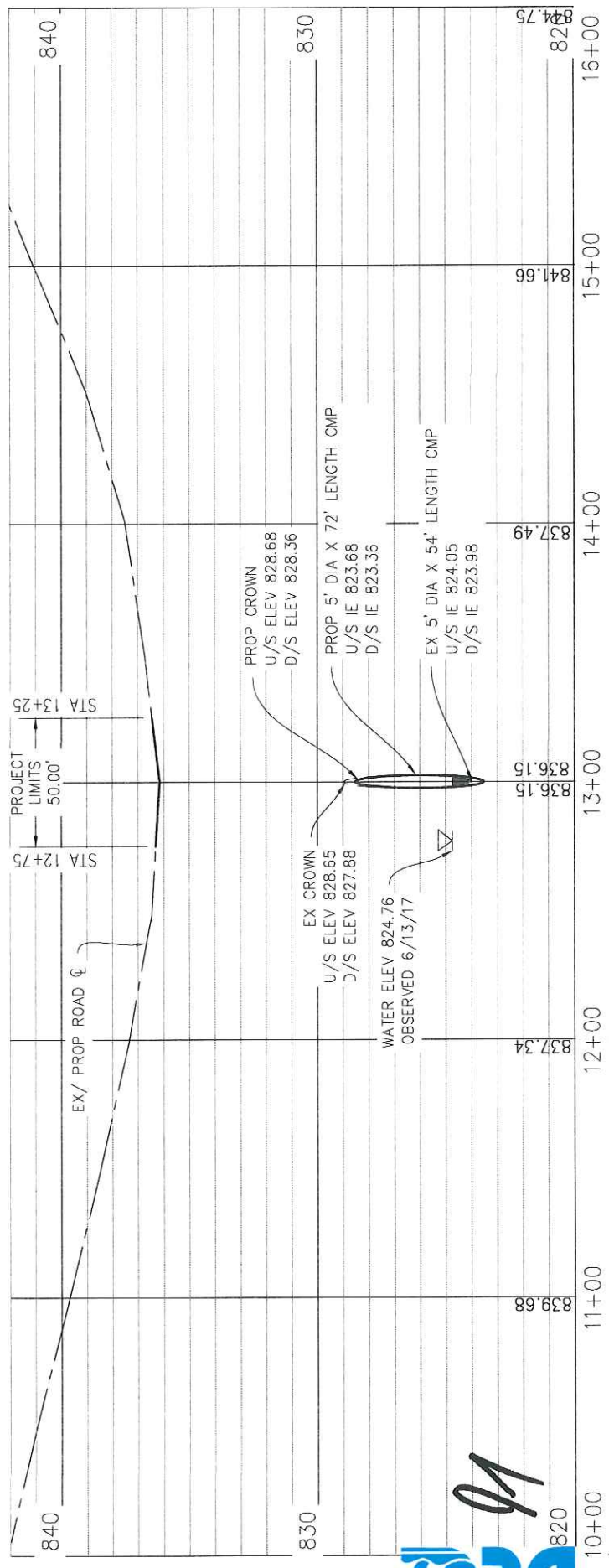
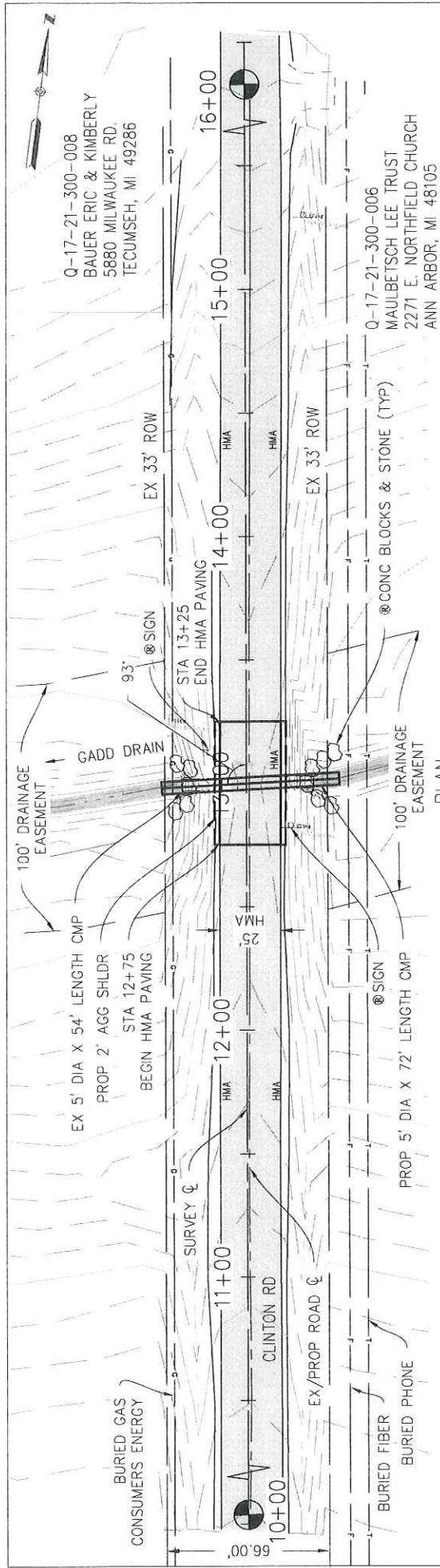
TECUMSEH NORTH, MICH.  
K4200—48352-2-74

1967  
PHOTOGRAPHED 1967  
DATE 1968-02-13 BY G.S.

THIS MAP CONFORMS WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 20192  
A FOUR-COLORING TOPOGRAPHIC MAP AND VERSION IS AVAILABLE ON REQUEST

DEQ-WRD  
WRP010387 v1.0  
Approved  
Issued On:02/06/2018  
Expires On:02/06/2023





**CLINTON ROAD CULVERT**  
SECTION 21 BRIDGEWATER TOWNSHIP  
WASHTENAW COUNTY, MI  
STRUCTURE REPLACEMENT  
PLAN OF SITE

SHEET 1 OF 4

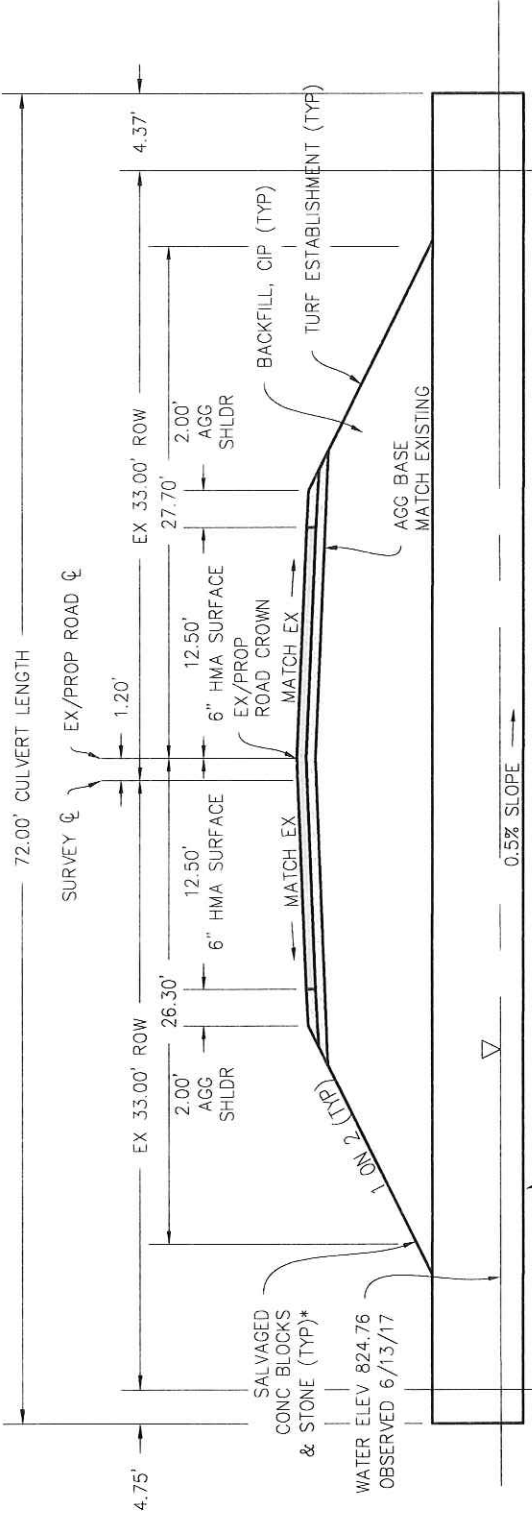
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VERTICAL: N/A

NOVEMBER 1, 2017  
X:\ENG PROJ\2018\CLINTON

EX. COND. SURVEYED	DATE	INITIALS	SCA
EX. COND. DRAFTED	JUN 2017	SDA	1
PRUM. PLAN / PROFILE	JUN 2017	SDA	1
FINAL PLAN / PROFILE	NOV 2017	JH	1
QUANTITIES CHECKED	JAN 2018	JH	1
APPROVED			

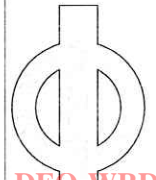
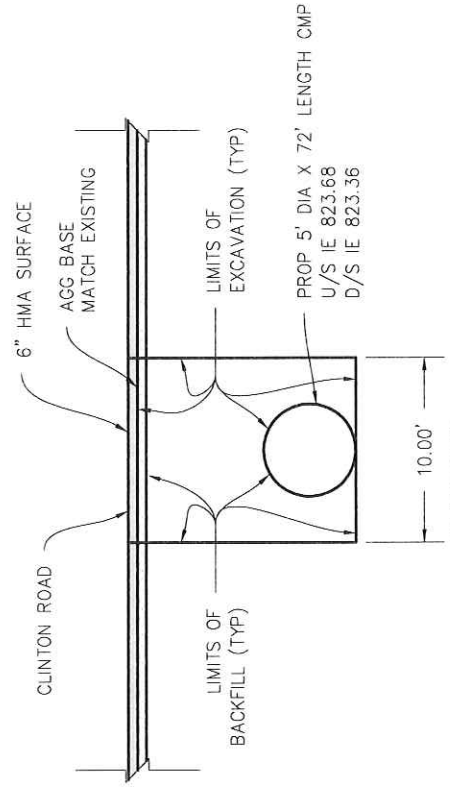
555 N. ZEEB RD.  
ANN ARBOR, MI. 48103-1556  
734-761-1500  
WWW.WCROADS.ORG

DEQ-WRD  
WRP010387 v1.0  
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SECTION THRU CULVERT  
LOOKING UPSTATION

PROP 5' DIA X 72' LENGTH CMP  
U/S IE 823.68  
D/S IE 823.36



**CLINTON ROAD CULVERT**  
SECTION 21 BRIDGEWATER TOWNSHIP  
WASHTENAW COUNTY, MI  
**STRUCTURE REPLACEMENT**  
PLAN OF STRUCTURE

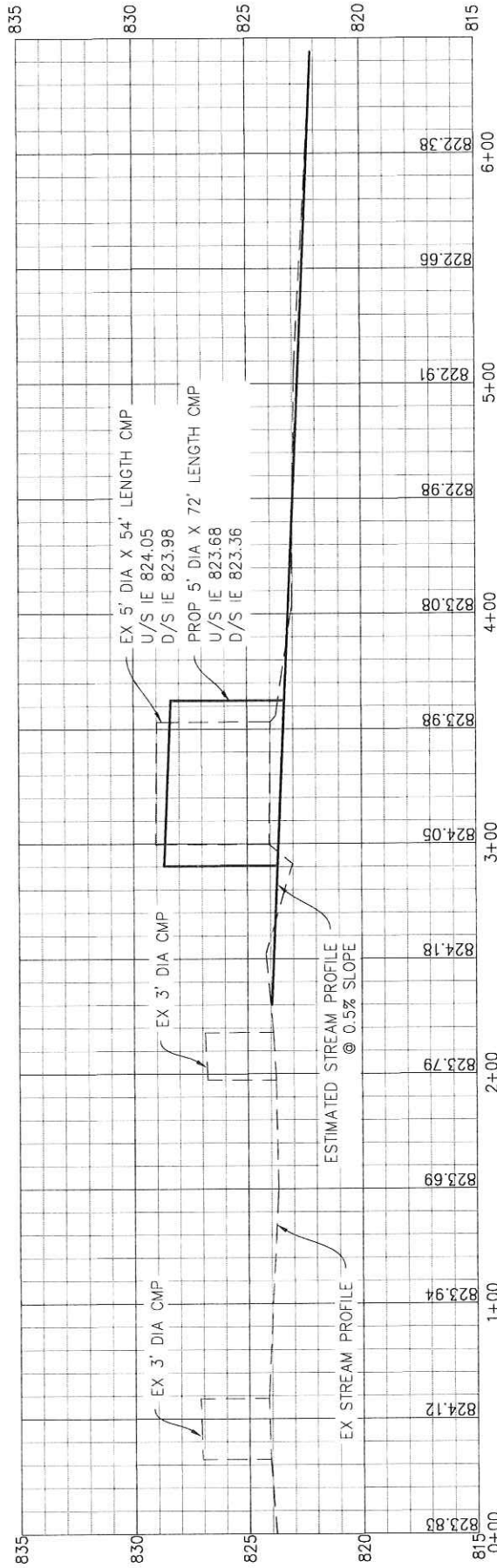
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NOVEMBER 1, 2017 X: ENG PROJ\2018\CLINTON	

INITIALS	DATE
SDA	JUN 2017
SDA	JUN 2017
JH	NOV 2017
JH	JAN 2018

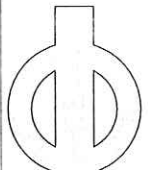
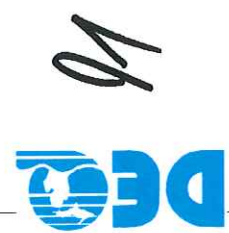
555 N. ZEEB RD.  
ANN ARBOR, MI 48103-1556  
734-761-1500  
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*Handwritten initials*



STREAM PROFILE



DEQ-WRD  
WRP016387 v1.0

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Expires On:02/06/2023

555 N. ZEEB RD.  
ANN ARBOR, MI. 48103-1556  
734-761-1500  
WWW.WCROADS.ORG

EX. COND.	SURVEYED	DATE	INITIALS	DATE
EX. COND. <td>DRAFTED <td>JUN 2017 <td>SDA <td>JUN 2017 </td></td></td></td>	DRAFTED <td>JUN 2017 <td>SDA <td>JUN 2017 </td></td></td>	JUN 2017 <td>SDA <td>JUN 2017 </td></td>	SDA <td>JUN 2017 </td>	JUN 2017
PRIM. PLAN <td>/ PROFILE <td>JUN 2017 <td>SDA <td>JUN 2017 </td></td></td></td>	/ PROFILE <td>JUN 2017 <td>SDA <td>JUN 2017 </td></td></td>	JUN 2017 <td>SDA <td>JUN 2017 </td></td>	SDA <td>JUN 2017 </td>	JUN 2017
FINAL PLAN <td>/ PROFILE <td>NOV 2017 <td>JH <td>NOV 2017 </td></td></td></td>	/ PROFILE <td>NOV 2017 <td>JH <td>NOV 2017 </td></td></td>	NOV 2017 <td>JH <td>NOV 2017 </td></td>	JH <td>NOV 2017 </td>	NOV 2017
QUANTITIES <td>CHECKED <td>JAN 2018 <td>JH <td>JAN 2018 </td></td></td></td>	CHECKED <td>JAN 2018 <td>JH <td>JAN 2018 </td></td></td>	JAN 2018 <td>JH <td>JAN 2018 </td></td>	JH <td>JAN 2018 </td>	JAN 2018
APPROVED				

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HORIZONTAL: 1" = 60'  
VERTICAL: N/A

NOVEMBER 1, 2017  
X:\ENG PROJ\2018\CLINTON

**CLINTON ROAD CULVERT**  
SECTION 21 BRIDGEWATER TOWNSHIP  
WASHTENAW COUNTY, MI  
**STRUCTURE REPLACEMENT**  
STREAM LONGITUDINAL PROFILE



**BRIDGEWATER TOWNSHIP  
BOARD OF REVIEW MEETINGS  
PUBLIC NOTICE**

The Bridgewater Township Board of Review for 2018 will be held at the Bridgewater Township Hall, 10990 Clinton Road, Manchester, MI 48158 on the following dates:

Tuesday, March 6, 2018 at 7:00 pm - Organizational Meeting

Monday, March 12, 2018 from 9:00 a.m. to 12:00 p.m. and 1:00 p.m. to 4:00 p.m.- Appeal Hearing

Tuesday, March 13, 2018 from 1:00 p.m. to 4:00 pm and 6:00 p.m. to 9:00 p.m. – Appeal Hearing

The Board of Review will meet as many more days as deemed necessary to hear questions, protests, and to equalize the 2018 assessments. By board resolution, residents are able to protest by letter, provided protest letter is received prior to March 14, 2018.

The tentative ratios and estimated multipliers for each class of real property and personal property for for 2018 are as follows:

	Ratio	Factor
Agricultural	49.10%	1.0183
Commercial	49.10%	1.0183
Industrial	49.53%	1.0094
Residential	51.05%	0.9794
Timber-Cutover	00.00%	0.0000
Developmental	00.00%	0.0000
Personal Property	50.00%	1.0000

Bridgewater Township will provide necessary reasonable services to individuals with disabilities at the meetings upon five days' notice. Individuals with disabilities who require auxiliary aids or services should contact the Bridgewater Township Clerk, Tom Wharam, at 10990 Clinton Rd, Manchester, MI 48158; or by phone at 517-315-7545.

This notice complies with the Open Meetings Act, Public Act 265 of 1976 as amended.

Laurie Fromhart  
Bridgewater Township Supervisor

Published: February 14, 2018  
February 21, 2018  
February 28, 2018