



**APPROVED**

**ACME TOWNSHIP REGULAR BOARD MEETING  
ACME TOWNSHIP HALL  
6042 Acme Road, Williamsburg MI 49690  
Tuesday, July 10, 2018, 7:00 p.m.**

**CALL TO ORDER WITH PLEDGE OF ALLEGIANCE at 7:01 p.m.**

**ROLL CALL: Members present:** C. Dye, D. Nelson, J. Zollinger, D. White, J. Aukerman, A. Jenema, P. Scott

**Members excused:** none

**Staff present:** S. Winter, Planning & Zoning Administrator, V. Donn, Recording Secretary

**A. LIMITED PUBLIC COMMENT:**

Ken Engle, 6754 Yuba Rd., commented on his approval of the solar energy ordinance for the township.

**B. APPROVAL OF AGENDA:**

Zollinger requested to add under L. OLD BUSINESS, 3. Project Agreement for Traverse City to Charlevoix Trail & License Trail agreement Holiday Inn.

Brian Kelley submitted a new letter prior to the meeting beginning, it will be added to the board packet when posted on the website. To be added under I. CORRESPONDENCE, 5. Brian Kelley Letter 7/10/18

**Motion by Nelson to approve the agenda with the addition to L. OLD BUSINESS, 3. Project Agreement for Traverse City to Charlevoix Trail & License Trail agreement Holiday Inn and I. CORRESPONDENCE, 5. Brian Kelley Letter 7/10/18, supported by Dye. Motion carried unanimously.**

**C. APPROVAL OF BOARD MINUTES:**

The meeting minutes of June 5, 2018, and Special meeting minutes of June 21, 2018, are approved unless there are any changes.

**D. INQUIRY AS TO CONFLICTS OF INTEREST:**

Nelson didn't see any conflict with the on-premise liquor license approval for K. 2. Approval of Resolution for Great Lakes Equestrian Liquor License with his business and wanted to acknowledge it to the board. Board agreed presently there was no conflict. White recused himself from K. NEW BUSINESS, 3. Solar Ordinance.

**E. REPORTS**

- a. Clerk:** Dye has been working on the election with the new equipment. Election training will be held on July 19 at the township hall, anyone interested in working on the election is to contact her.
- b. Parks:** Jenema informed the committee is working on standardizing the park's signs, limiting the amount and listing basic park rules. The five-year mark for the master plan will be in 2019, it is time to update and review projects in motion, changed and completed. The topic of having art in the park was discussed at the Parks & Trails meeting after an inquiry was brought up by an artist. It was suggested a basic plan with details to be given to the board for discussion at the next meeting. Zollinger mentioned he received good comments from the cemetery & parks maintenance caretaker that the contracted lawn mowing company has been doing a great job.

# APPROVED

Estimated completion time for Bayside Park will more than likely be in August.

- c. **Legal Counsel - J. Jocks:** no report
- d. **Sheriff:** Nate Lentz reported service calls from the previous month were down. There were more traffic incidents related to speeding. He will initiate the appearance of additional police in the area to help reduce these occurrences. He wants business owners to be aware of counterfeit money, it was reported a fake bill was found in Tom's parking lot. Currently none have been reported as being passed in circulation.
- e. **County:** Carol Crawford reported the MERS Report was released, and they are up from 45% in 2016 to 52% in 2017 in funding. The County is hoping to get to 80% in the next 5-6 years. Nate Alger started as TC County Administrator. There are open positions in Human Resources, Animal Control Officer and Deputy Administrator to be filled. The Civic Center Easling Pool have gone over their goal in fund raising and will start renovations in phases.
- f. **Roads:** no report
- g. **Farmland:** Zollinger reported they are working on contracts. Looking at three properties, and will be talking to these owners.

F. **SPECIAL PRESENTATIONS:** None

G. **CONSENT CALENDAR:**

1. **RECEIVE AND FILE:**

- a. **Treasurer's Report**
- b. **Clerk's Revenue/Expenditure Report and Balance Sheet**
- c. **North Flight May report**
- d. **Letter from East Bay Township dated 6/27/18 Re: U.S. 31 N Sanitary Sever Force Main**
- e. **Draft Unapproved meeting minutes**
  - 1. **Planning Commission 06/11/18**
  - 2. **Parks & Trails 06/15/18**

2. **APPROVAL:**

- 1. **Accounts Payable Prepaid of \$115,241.61 and Current to be approved of \$24,709.32. (Recommend approval: Clerk, C. Dye)**

Jenema requested to remove under 1. RECEIVE AND FILE, d. Letter from the East Bay Township dated 6/27/18 Re: U.S. N Sanitary Sever Force Main

**Motion by Nelson to approve Consent Calendar with removal of 1. RECEIVE AND FILE, d. Letter from the East Bay Township dated 6/27/18 Re: U.S. N Sanitary Sever Force Main, supported by White. Roll Call motion carried unanimously.**

H. **ITEMS REMOVED FROM THE CONSENT CALENDAR:**

- 1. **RECEIVE AND FILE, d. Letter from the East Bay Township dated 6/27/18 Re: U.S. N Sanitary Sewer Force Main**

Jenema questioned what this was for. Zollinger explained this was from the CGap grant that we did not get. Bids were not received for this project for contractors are too busy this time of year. Section of sewer belongs to East Bay and they will contract the work. Because Acme shares this section of sewer a percentage of this work will be billed to Acme. This work is projected to be done in Spring 2019.

**Motion by Jenema to approve Consent Calendar, 1. RECEIVE AND FILE, d. Letter from the East Bay Township dated 6/27/18 Re: U.S. N Sanitary Sever Force Main as presented, supported by Scott. Roll Call motion carried unanimously.**

I. **CORRESPONDENCE:**

- 1. **Letter from Grand Traverse Regional Land Conservancy dated 6/19/18 re: annual monitoring of conservation easement**
- 2. **Acknowledgement of "GIS Innovation Award" presented to Acme Township on 6/19/18**



3. **Brian Kelley dated 6/11/19 re: Solar power Ordinance**
4. **Bob Garvey email dated 6/13/18 re: Solar farms**
5. **Brian Kelley letter 7/10/18**

**J. PUBLIC HEARING:** None

**K. NEW BUSINESS:**

**1. Resolution to support DPW CGap grant for GIS mapping of Assets**

Zollinger informed DPW applied for a CGap grant to do GIS mapping of assets and Acme Township is one of the five townships. This Resolution acknowledges Acme Township's support.

**Motion by Nelson to approve Resolution #R-2018-18 to support DPW CGap grant for GIS mapping of Assets, supported by Scott. Motion carried unanimously**

**2. Approval of Resolution for Great Lakes Equestrian Liquor License**

Zollinger informed this was giving approval by the board for the Great Lakes Equestrian to apply for a Liquor License.

**Motion by Aukerman to approve Resolution for Great Lakes Equestrian Liquor License as presented, supported by Dye. Motion carried unanimously.**

**3. Solar Ordinance**

Winter summarized the draft Zoning Ordinance Amendment 046- Solar energy Farms. The amendment will allow and regulate commercial-grade solar installations for generating of energy to be sold to local utilities. The use is proposed to be allowed in the B-3; Planned Shipping Center, B-4: Material Processing and Warehousing, and A-1: Agricultural districts.

**Motion by Scott to approve Zoning Ordinance Amendment 046 which will allow and regulate utility-grade solar energy farms in the Township as presented. supported by Jenema. Motion carried by 6 (Dye, Scott, Nelson, Aukerman, Jenema, Zollinger), recused by 1 (White)**

**4. Creation of an online interface/Brick House**

Zollinger explained the current database is outdated and doesn't allow the township to create spreadsheets and forms that are currently needed for permits. Winter explained the upgraded will give the township residents the ability to fill out permits on line. Employees will have better ability to track, create forms, search and receive forms online. Scott suggested to add in the pricing that any future forms created by Brick House are not to exceed \$300 for a year.

**Motion by Jenema to approve the creation of an online interface/Brick House's proposal of \$4970, with the exception that any online webforms created for the future are not to exceed \$300 for one year after original setup, supported by Nelson. Roll Call motion carried unanimously.**

**L. OLD BUSINESS:**

**1. Update on proposed office rearrangements**

Jenema informed the proposed budget for design and blueprint plans needs to be increase to \$7,950, due to corrections that need to be made on the original plan. Bids for the construction would not be sent out until fall. Zollinger suggested to wait on approval for further discussion at next month's board meeting.

**Motion by Scott to table proposed office rearrangements until August Board meeting, supported by Nelson. Motion carried by 6 (Dye, Zollinger, Scott, Nelson, Aukerman, Zollinger), no by 1 (Jenema)**

**2. Status Bayside Park construction**

The park is closed until August to complete construction and seeding to the lawn.

# APPROVED

### **3. Project Agreement for Traverse City to Charlevoix Trail & Licensed Trail Agreement Holiday Inn**

Jenema did an overview of the TC to Charlevoix agreement indicating Acme's understanding on the project.

The township is to provide a staff person as an official point of contact to work with Elk Rapids Trail Team, Project Team, and Stakeholder Advisory Group and in a collaborative effort between Elk Rapids Village, TART, Networks and Acme. Marcie Timmins on the Planning Commission and Parks and Trails Committee will be the representative for Acme Township.

White was concerned with who the Stakeholder Advisory Group consisted of and how they are being informed of the project. Ken Engle commented he has been approached about the trail and has concerns on the impact the trail users will have on the daily way they conduct their business in the orchards. The project committee needs to get with the property owners to discuss these concerns. Zollinger suggested to move forward with the motion and get clarification of who the stakeholders are.

**Motion by Scott to approve the Project Agreement as read adding to define who the stakeholders are and properties that will have the trail run through them and touched by it, supported by Nelson. Motion carried by 6 (Dye, Scott, Nelson, Aukerman, Jenema, Zollinger), no by 1 (White).**

Holiday Inn wants to do a 20- year license for the connector trail from Bunker Hill. Jeff Jocks is drafting a license for the board to review. The board's consensus is to proceed with the agreement.

#### **PUBLIC COMMENT & OTHER BUSINESS THAT MAY COME BEFORE THE BOARD:**

Jame McCall, Associate Superintendent TCAPS, Traverse City, introduced herself and is asking to consider approving the TCAPS Bond proposal that will be on the August election ballot.

White believes the set-backs in the solar ordinance are excessive requirements.

Nelson asked if there have been any complaints on short-term rentals. There has been some and Winter has sent out letters following up on them.

**ADJOURN: Meeting adjourned at 9:01**



**ACME TOWNSHIP REGULAR BOARD MEETING**  
**ACME TOWNSHIP HALL**  
**6042 Acme Road, Williamsburg MI 49690**  
**Tuesday, July 10, 2018, 7:00 p.m.**

**GENERAL TOWNSHIP MEETING POLICIES**

- A. All cell phones shall be switched to silent mode or turned off.**
- B. Any person may make a video, audio or other record of this meeting. Standing equipment, records, or portable microphones must be located so as not to block audience view.**

**CALL TO ORDER WITH PLEDGE OF ALLEGIANCE**  
**ROLL CALL**

**A. LIMITED PUBLIC COMMENT:**

Public Comment periods are provided at the beginning and end of each meeting agenda. Members of the public may address the Board regarding any subject of community interest during these periods. Comment during other portions of the agenda may or may not be entertained at the moderator's discretion.

**B. APPROVAL OF AGENDA:**

**C. APPROVAL OF BOARD MINUTES:**

The meeting minutes of June 5, 2018, and Special meeting minutes of June 21, 2018, are approved unless there are any changes.

**D. INQUIRY AS TO CONFLICTS OF INTEREST:**

**E. REPORTS**

- a. Clerk - Dye**
- b. Parks –**
- c. Legal Counsel – J. Jocks**
- d. Sheriff –**
- e. County -Carol Crawford**
- f. Roads -**

**F. SPECIAL PRESENTATIONS:**

- G. CONSENT CALENDAR:** The purpose is to expedite business by grouping non-controversial items together for one Board motion (roll call vote) without discussion. A request to remove any item for discussion later in the agenda from any member of the Board, staff or public shall be granted.

**1. RECEIVE AND FILE:**

- a. Treasurer's Report**
- b. Clerk's Revenue/Expenditure Report and Balance Sheet**
- c. North Flight May report**
- d. Letter from East Bay Township dated 6/27/18 Re: U.S. 31 N Sanitary Sever Force Main**
- e. Draft Unapproved meeting minutes**
  - 1. Planning Commission 06/11/18**
  - 2. Parks & Trails 06/15/18**

**2. APPROVAL:**

- 1. Accounts Payable Prepaid of \$115,241.61 and Current to be approved of \$24,709.32 ( Recommend approval: Clerk, C. Dye)**

**H. ITEMS REMOVED FROM THE CONSENT CALENDAR:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**I. CORRESPONDENCE:**

1. Letter from Grand Traverse Regional Land Conservancy dated 6/19/18 re: annual monitoring of conservation easement
2. Acknowledgement of "GIS Innovation Award" presented to Acme Township on 6/19/18
3. Brian Kelley dated 06/11/18 re: Solar power ordinance
4. Bob Garvey email dated 06/13/18 re: Solar farms

**J. PUBLIC HEARING:**

**K. NEW BUSINESS:**

1. Resolution to support DPW CGap grant for GIS mapping of Assets
2. Approval of Resolution for Great Lakes Equestrian Liquor License
2. Solar Ordinance
3. Creation of an online interface/Brick House

**L. Old Business:**

1. Update on proposed office rearrangements
2. Status bayside park construction

**PUBLIC COMMENT & OTHER BUSINESS THAT MAY COME BEFORE THE BOARD:**

**ADJOURN**



**DRAFT UNAPPROVED**

**ACME TOWNSHIP REGULAR BOARD MEETING  
ACME TOWNSHIP HALL  
6042 Acme Road, Williamsburg MI 49690  
Tuesday, June 5, 2018, 7:00 p.m.**

**CALL TO ORDER WITH PLEDGE OF ALLEGIANCE at 7:00 p.m.**

**ROLL CALL: Members present:** C. Dye, D. Nelson, J. Zollinger, D. White, J. Aukerman, A. Jenema

**Members excused:** P. Scott

**Staff present:** S. Winter, Planning & Zoning Administrator, V. Donn, Recording Secretary

**A. LIMITED PUBLIC COMMENT:** None

**B. APPROVAL OF AGENDA:**

Zollinger requested to add under E. REPORTS, h. Supervisor, to give some updates.

**Motion by Nelson to approve the agenda with the addition of adding under E. REPORTS, h. Supervisor, supported by White. Motion carried unanimously.**

**C. APPROVAL OF BOARD MINUTES:**

The meeting minutes of 05/01/18 are approved unless there are any changes.

**D. INQUIRY AS TO CONFLICTS OF INTEREST:** None

**E. REPORTS**

- a. Clerk:** Dye reported at the May board meeting there was an inquiry on the number of gravesites that are currently available for purchase. Acme Cemetery has 1 and Yuba Cemetery has 520. There are also an additional 166 gravesites that are not available due to roadway, cistern and tree/bush overgrowth. In 2017/2018, 5 gravesites were sold to residents of Acme and 2 to non-residents, the previous year 3 to residents and 4 to non-residents. Dye informed on Tuesday, June 12 from 4:00 – 6:00 p.m. at the Acme Township Hall there is an open house to see a demonstration of the new voting equipment. Election ballot applications will be mailed out this week. Dye received an email informing the check for the Bayside Park grant reimbursement should arrive soon.
- b. Parks:** No report
- c. Legal Counsel - J. Jocks:** No report
- d. Sheriff:** Nate Lentz reported they received 237 service calls an increase from the 172 received the previous month. There has been a rash of car break-ins and he would like to have the names of community association's contacts, to send an email alerting them of any reoccurring incidents in their area.
- e. County:** No report
- f. Roads:** No report
- g. Farmland Preservation:** No report
- h. Supervisor:** Zollinger reported there had been a sewer leak on Five Mile Road that was caused from a crack in the pipe on the old force main. The gravity flow was switched to bypass the break and Elmer's fixed the pipe. Other sections of this pipe should be inspected for any potential future problems. He also informed there has been some concerns on Metro funding and how many representatives from each township are on the board. There is a meeting this week to define and document the townships involvement on these

matters.

**F. SPECIAL PRESENTATIONS: None**

**G. CONSENT CALENDAR:**

**1. RECEIVE AND FILE:**

- a. Treasurer's Report
- b. Clerk's Revenue/Expenditure Report and Balance Sheet
- c. North Flight April report
- d. Draft Unapproved meeting minutes
  - 1. Planning Commission 05/14/18
  - 2. Parks & Trails 05/18/18

**2. APPROVAL:**

- 1. Accounts Payable Prepaid of \$298,900.08 and Current to be approved of \$18,458.73. (Recommend approval: Clerk, C. Dye)

Jenema requested to remove under 2. APPROVAL, 1. Accounts Payable Prepaid of \$298,900.08 and Current to be approved of \$18,458.73

**Motion by Nelson to approve Consent Calendar with removal of 2. APPROVAL, 1. Accounts Payable Prepaid and Current to be approved, supported by White. Roll Call motion carried unanimously.**

**H. ITEMS REMOVED FROM THE CONSENT CALENDAR:**

- 1. 2. APPROVAL: 1. Accounts Payable Prepaid of \$298,900.08 and Current to be approved of 18,458.73

Jenema requested to add in tax bill postage amount of \$1,279.53 increasing the current to be approved to \$19,738.26.

**Motion by Dye to approve the current amount of \$19,738.26 based on the tax bill being added, supported by White. Roll Call motion carried unanimously.**

**I. CORRESPONDENCE: None**

**J. PUBLIC HEARING:**

**Public Comment opened at 7:45 pm and closed at 7:46 pm with no public comments.  
Acme Township General Appropriations Act Fiscal year 2018 -19**

Zollinger informed there were two changes made to the budget of \$2,400 for interest septage received, \$11,700 for interest on bonds and \$500 for county to process.

**1. Resolution #R-2018-08 Township Supervisor Salary**

**Motion by Aukerman to approve \$40,000 Supervisor salary, supported by Jenema. Roll Call motion carried by 5 (Dye, Nelson, White, Aukerman, Jenema), recused by 1 (Zollinger)**

**2. Resolution #R -2018-09 Extra Duties – Supervisor**

**Motion by Nelson to approve \$3,000 per year to Supervisor for the budget year, supported by White. Roll Call motion carried by 5 (Dye, Nelson, White, Aukerman, Jenema), recused by 1 (Zollinger)**



**3. Resolution #R-2018-10 Township Clerk Salary**

**Motion by Jenema to approve \$40,008 Township Clerk salary, supported by Aukerman. Roll Call motion carried by 5 (Zollinger, Nelson, White, Aukerman, Jenema), recused by 1 (Dye)**

**4. Resolution #R-2018-11 Township Treasurer Salary**

**Motion by White to approve \$25,159 Township Treasurer salary, supported by Dye. Roll Call motion carried by 5 (Zollinger, Nelson, White, Aukerman, Dye), recused by 1 (Jenema)**

**5. Resolution #R-2018-12 Township Trustees Salary**

**Motion by Jenema to approve \$6,000 salary and \$50/meeting per diem for additional meetings for Township Trustees, supported by Nelson. Roll Call motion carried unanimously.**

**6. Acme Township General Appropriations Act 2018-19 Resolution #R-2018-13**

**Motion by Nelson to approve the Appropriations Act 2018-19 Resolution #R-2018-13, supported by Aukerman. Roll Call motion carried unanimously**

**K. NEW BUSINESS:**

**1. Resolution #R-2018-14 on Audit procedures for Granting or removal of Real Property Exemptions**

Jenema explained this is a documented policy to provide a fair and equitable basis for taxation detailing the audit procedures.

**Motion by Nelson to approve the Acme Township Board of Trustees Resolution #R-2018-14, Audit Procedures for Granting or Removal of Real Property Exemptions, supported by White. Motion carried unanimously**

**2. Zoning Amendment Number 49 Map Change – Winter**

Winter informed the parcels in this amendment are located on the west side of Lautner Rd are currently zoned R-3: Urban Residential, the properties on the east side of Lautner Rd. are primarily B-3: Planned Shopping Center. One portion of a parcel fronting Lautner Rd. is zoned A-1: Agricultural. The map amendment would change these parcels CF: Corridor Flex.

**Motion by Jenema to approve Zoning Ordinance Amendment 049-Map Amendment to the zoning classification of the subject parcels outlined in the attached public hearing notice to CF: Corridor Flex, consistent with the Acme Township Community Master Plan, supported by Aukerman. Motion carried unanimously.**

**3. PILOT program information – Winter**

Winter has been approached by an organization called HomeStretch along with representatives from Samaritas and Shoreline Fruit to explore affordable housing options in the township. PILOT programs help to reduce the cost of housing. The board determined it would be worthwhile for Winter to research these programs to discuss further.

**4. Yuba Maintenance shop Overhead door replacement**

# DRAFT UNAPPROVED

Zollinger presented two bids from Overhead Doors and Mack Doors, to repair the Yuba maintenance shop overhead door. He will proceed with following up on the lower bid from Mack Doors to repair the door.

- 5. Acme Sewer Pump Station 3, Pumps replacement new style to prevent clog problems**  
Zollinger explained the outdated pumps at Acme 3 lift station get plugged from debris and need to be replaced. The replacement combined quote by Kennedy Industries and Top Line Electric LLS comes to \$28,118 and he would like to have the board's approval to move forward on the project.

**Motion by Nelson to approve the expenditure of \$28,118 for Acme pump station #3, supported by Aukerman. Roll Call motion carried unanimously.**

- 6. Contract Renewal Farmland with GTRLC-four year**  
Questions of the conservancy's benefits and services were discussed, and it was determined to resume the conversation at the next board meeting. Board agreed to table the contract renewal.

- 7. Resolution #R-2018-15 for Budget adjustment 811 account, bond payment**

**Motion by Jenema to approve Resolution #R-2018-15 to make the budget amendment to balance out 811 which is a special assessment of Holiday Hills, supported by Aukerman. Motion carried unanimously.**

- 8. Resolution #R-2018-16 of support for MTA Scholarship/Kasey Mahony – Acme Citizen**

**Motion by Nelson to approve Resolution #R-2018-16 of support for MTA Scholarship for Kasey Mahony, supported by Jenema. Motion carried unanimously.**

## **L. OLD BUSINESS:**

- 1. Update on Acme Proposed Office rearrangements**

Jenema gave an update on the process of the office layout and renovation. Bids will not go out until early fall with expectations of construction beginning after the November elections.

- 2. Bayside park construction Update along with additional cost to pave existing path and removal of an existing concrete structure exposed under sand.**

Zollinger received a proposal from Elmer's of \$7,590 to provide all labor, equipment and materials to perform the removal of concrete seawall, a hazardous post in beach area and repave asphalt path by bath house because of the over growth of roots making the path uneven. This expense will be charged to general fund maintenance.

**Motion by Jenema to approve proposal to remove existing concrete seawall, removal of post from beach and to repave asphalt path by the bath house, to be paid before next board meeting, supported by Nelson. Roll Call carried unanimously.**

## **PUBLIC COMMENT & OTHER BUSINESS THAT MAY COME BEFORE THE BOARD:**

Dan O'Neil introduced himself and thanked the board on their work for the township. He is a Traverse City attorney and a running candidate for State Representative.

Jenema reported at the Parks and Trails Meeting it was recommended to utilize the block building at Bayside Park for Kayak/SUP and non-motorized rentals. It would help bring in additional revenue to help cover the cost of maintaining the park.

# **DRAFT UNAPPROVED**

**Motion by Nelson to supported exploring options to develop a leasing program of non-motorized watercraft at Bayside Park for the purpose of providing maintenance funds for the park, supported by Aukerman. Motion carried unanimously.**

Jenema added to the discussion that a draft of the CIP spreadsheet will be presented at the June Planning Commission Meeting and then moved on to the Board for approval.

**ADJOURN: Motion to adjourn by Jenema, supported by White. Meeting adjourned at 8:56**



**ACME TOWNSHIP **SPECIAL** BOARD MEETING  
ACME TOWNSHIP HALL  
6042 Acme Road, Williamsburg MI 49690  
Thursday, June 21, 2018, 9:00 am**

**CALL TO ORDER WITH PLEDGE OF ALLEGIANCE at 9:00 a.m.**

**ROLL CALL**

**Members present:** D. Nelson, J. Zollinger, D. White, J. Aukerman, A. Jenema

**Members excused:** C. Dye, P. Scott

**Staff present:** None

**LIMITED PUBLIC COMMENT:** None

**A. APPROVAL OF AGENDA:**

**Motion by Aukerman to approve the agenda as presented, supported by Jenema.  
Motion carried unanimously.**

**C. INQUIRY AS TO CONFLICTS OF INTEREST:** None

**D. NEW BUSINESS:**

- 1. Approval of Resolution moving monies from Fund balance to Misc revenues and from Contingency to water fund**

**MOTION BY NELSON, SECONDED BY WHITE TO APPROVE RESOLUTION R-2018-17 AS PRESENTED. MOTION CARRIED UNANIMOUSLY.**

**PUBLIC COMMENT & OTHER BUSINESS THAT MAY COME BEFORE THE BOARD:** None

**ADJOURN:** Meeting adjourned by Zollinger at 9:05 am

**Grand Traverse Sheriff Department Calls for Service Statistics**

**Month**    **Year**  
 May            2018

Day of Week	Mon	Tues	Weds	Thurs	Fri	Sat	Sun	TOTAL					
	456	641	711	571	466	463	359	3,667					
Hour of Day	0	1	2	3	4	5	6	7	8	9	10	11	
	89	43	54	25	34	43	78	105	170	220	213	210	
Location	Citations	Traffic Crashes			Arrests		*Other	Criminal	Non-Criminal	Traffic Crashes	Totals		
		Fatal	PIA	PDA	OWI	Criminal							
01 Acme	20	0	0	8	1	5	151	35	43	8	237		
02 Blair	34	0	3	22	1	28	217	95	108	25	445		
03 East Bay	23	0	5	33	2	14	223	77	122	38	460		
04 Fife Lake	7	0	0	2	0	1	79	10	15	2	106		
05 Garfield	56	0	6	62	8	83	636	358	375	68	1,437		
06 Grant	2	0	0	3	0	0	17	9	9	3	38		
07 Green Lake	16	0	3	7	3	14	157	40	56	10	263		
08 Long Lake	10	0	1	8	0	3	69	27	45	9	150		
09 Mayfield	11	0	0	5	0	1	55	9	8	5	77		
10 Peninsula	5	0	0	3	0	0	61	10	37	3	111		
11 Paradise	4	0	0	6	1	1	62	18	28	6	114		
12 Union	1	0	0	1	0	0	20	4	5	1	30		
13 Whitewater	8	0	0	6	0	2	63	7	12	6	88		
29 Fife Lake Vlg	1	0	0	1	0	0	14	3	7	1	25		
30 Kingsley Vlg	5	0	0	2	1	3	48	18	20	2	88		
66 Traverse City	4	0	0	0	2	58	0	0	0	0	0		
84 Out of County	0	0	0	0	0	14	0	0	0	0	0		
<b>Totals</b>	<b>207</b>	<b>0</b>	<b>18</b>	<b>169</b>	<b>19</b>	<b>227</b>	<b>1,872</b>	<b>720</b>	<b>890</b>	<b>187</b>	<b>3,669</b>		

\*Other Calls for Service Include: 911 Hangups; BOL; Follow-up to Complaints; Motorist Assists; Public Relations; Serving Legal papers; Traffic Stops; Warrant Attempts

*As of 1/01/18, MIP alcohol citations are civil infractions, therefore no arrest is applicable.*

Ticket stats are based on what District Court has entered as of 6/01/18.

Arrest stats are as of 6/03/18.

Bank Code	Description	Beginning Balance 05/01/2018	Total Debits	Total Credits	Ending Balance 05/31/2018
CHASE	GENERAL FUND				
101	GENERAL FUND	630,867.31	26,348.41	47,325.99	609,889.73
206	FIRE FUND	77,987.46	0.00	7,433.60	70,553.86
207	POLICE PROTECTION	101,533.21	0.00	19,537.75	81,995.46
208	PARK FUND	12,486.91	1,931.15	0.00	14,418.06
209	CEMETERY FUND	13,157.65	500.00	0.00	13,657.65
212	LIQUOR FUND	2,623.65	0.00	0.00	2,623.65
	GENERAL FUND	<u>838,656.19</u>	<u>28,779.56</u>	<u>74,297.34</u>	<u>793,138.41</u>
FARM	FARMLAND PRESERVATION				
225	FARMLAND PRESERVATION	780,084.54	119.12	0.00	780,203.66
	FARMLAND PRESERVATION	<u>780,084.54</u>	<u>119.12</u>	<u>0.00</u>	<u>780,203.66</u>
FARMM	FARMLAND PRESERVATION - MONEY MARKET				
225	FARMLAND PRESERVATION	5,205.12	0.22	0.00	5,205.34
	FARMLAND PRESERVATION - MONEY MARKET	<u>5,205.12</u>	<u>0.22</u>	<u>0.00</u>	<u>5,205.34</u>
GENHY	GENERAL FUND - HIGH YIELD				
101	GENERAL FUND	157,209.53	20.03	0.00	157,229.56
	GENERAL FUND - HIGH YIELD	<u>157,209.53</u>	<u>20.03</u>	<u>0.00</u>	<u>157,229.56</u>
GENMM	GENERAL FUND - MONEY MARKET				
101	GENERAL FUND	298,201.65	50.65	0.00	298,252.30
	GENERAL FUND - MONEY MARKET	<u>298,201.65</u>	<u>50.65</u>	<u>0.00</u>	<u>298,252.30</u>
LIQ	LIQUOR MONEY MARKET				
212	LIQUOR FUND	6,997.66	0.30	0.00	6,997.96
	LIQUOR MONEY MARKET	<u>6,997.66</u>	<u>0.30</u>	<u>0.00</u>	<u>6,997.96</u>
PARKS	BAYSIDE PARK				
402	BAYSIDE PARK CAPITAL FUND	328,843.50	43,069.25	6,857.50	365,055.25
	BAYSIDE PARK	<u>328,843.50</u>	<u>43,069.25</u>	<u>6,857.50</u>	<u>365,055.25</u>
PETTY	PETTY CASH				
101	GENERAL FUND	200.00	0.00	0.00	200.00
	PETTY CASH	<u>200.00</u>	<u>0.00</u>	<u>0.00</u>	<u>200.00</u>



CASH SUMMARY BY BANK FOR ACME TOWNSHIP  
 FROM 05/01/2018 TO 05/31/2018

Bank Code	Description	Beginning Balance 05/01/2018	Total Debits	Total Credits	Ending Balance 05/31/2018
SADH 811	HOLIDAY 818 HOLIDAY HILLS AREA IMPROVEMENT	315,828.25	3,784.01	0.00	319,612.26
	HOLIDAY 818	<u>315,828.25</u>	<u>3,784.01</u>	<u>0.00</u>	<u>319,612.26</u>
SEWER 590	ACME RELIEF SEWER ACME RELIEF SEWER	2,007,202.90	75,889.36	253,444.16	1,829,648.10
591	WATER FUND- HOPE VILLAGE	(629.42)	1,168.02	825.95	(287.35)
	ACME RELIEF SEWER	<u>2,006,573.48</u>	<u>77,057.38</u>	<u>254,270.11</u>	<u>1,829,360.75</u>
SEWMM 590	ACME RELIEF SEWER MONEY MARKET ACME RELIEF SEWER	197,312.77	25.07	0.00	197,337.84
	ACME RELIEF SEWER MONEY MARKET	<u>197,312.77</u>	<u>25.07</u>	<u>0.00</u>	<u>197,337.84</u>
SHORE 296	SHORELINE PRESERVATION SHORELINE PPRESERVATION	1,381.52	0.21	0.00	1,381.73
	SHORELINE PRESERVATION	<u>1,381.52</u>	<u>0.21</u>	<u>0.00</u>	<u>1,381.73</u>
TAX 703	CURRENT TAX COLLECTION CURRENT TAX COLLECTION	25,410.23	0.00	0.00	25,410.23
	CURRENT TAX COLLECTION	<u>25,410.23</u>	<u>0.00</u>	<u>0.00</u>	<u>25,410.23</u>
TRUST 701	TRUST & AGENCY TRUST AND AGENCY	5,600.00	0.00	0.00	5,600.00
	TRUST & AGENCY	<u>5,600.00</u>	<u>0.00</u>	<u>0.00</u>	<u>5,600.00</u>
	TOTAL - ALL FUNDS	<u>4,967,504.44</u>	<u>152,905.80</u>	<u>335,424.95</u>	<u>4,784,985.29</u>

*Sarah Lawrence*  
 Deputy Treasurer  
 6/21/18

PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		AMENDED BUDGET	05/31/2018 NORMAL (ABNORMAL)	MONTH 05/31/2018 INCREASE (DECREASE)	BALANCE NORMAL (ABNORMAL)	
Fund 101 - GENERAL FUND						
Revenues						
Dept 000						
101-000-402.000	CURRENT PROPERTY TAXES	224,100.00	224,668.24	0.00	(568.24)	100.25
101-000-412.000	PERSONAL PROP TAXES	14,005.00	16,359.68	0.00	(2,354.68)	116.81
101-000-445.020	PENALTIES& INTEREST	2,600.00	827.37	0.00	1,772.63	31.82
101-000-447.000	ADMINISTRATIVE FEE 1%	98,500.00	100,902.18	0.00	(2,402.18)	102.44
101-000-448.000	CABLE TV FEE	82,000.00	66,543.51	21,478.54	15,456.49	81.15
101-000-465.000	PASSPORT FEES	1,500.00	2,528.40	665.00	(1,028.40)	168.56
101-000-574.000	ST SHARED SALES TAX	340,695.00	244,366.00	0.00	96,329.00	71.73
101-000-577.000	SWAMP TAX	1,350.00	1,420.90	0.00	(70.90)	105.25
101-000-602.000	GRANTS	35,000.00	0.00	0.00	35,000.00	0.00
101-000-602.004	ENDOWMENT	0.00	9,864.00	0.00	(9,864.00)	100.00
101-000-607.000	CHARGES FOR SERVICES	0.00	1,448.63	0.00	(1,448.63)	100.00
101-000-608.001	Zoning Fees	6,510.00	39,135.00	1,300.00	(32,625.00)	601.15
101-000-610.000	Revenues for Escrow Account	43,000.00	10,632.84	300.00	32,367.16	24.73
101-000-631.000	CONS INDUSTRY ANNUAL MAINT FE	6,450.00	0.00	0.00	6,450.00	0.00
101-000-665.000	INTEREST ON INVESTMENTS	350.00	692.54	0.00	(342.54)	197.87
101-000-665.001	INTEREST SEPTAGE RECEIVED	2,616.00	2,446.82	1,188.82	169.18	93.53
101-000-667.000	RENT-PARKS	100.00	70.00	70.00	30.00	70.00
101-000-671.000	MISC REVENUES	6,500.00	0.00	0.00	6,500.00	0.00
101-000-676.000	REIMBURSEMENTS	46,700.00	24,448.50	1,346.05	22,251.50	52.35
101-000-676.701	REIMBURSEMENTS FROM 701	1,200.00	0.00	0.00	1,200.00	0.00
101-000-699.000	TRANS IN FRM OTHER FUNDS	25,000.00	0.00	0.00	25,000.00	0.00
Total Dept 000		938,176.00	746,354.61	26,348.41	191,821.39	79.55
TOTAL REVENUES		938,176.00	746,354.61	26,348.41	191,821.39	79.55
Expenditures						
Dept 000						
101-000-465.001	POSTAGE FOR PASSPORTS	700.00	506.28	0.00	193.72	72.33
101-000-992.000	CONTINGENCY	75,000.00	0.00	0.00	75,000.00	0.00
101-000-994.000	TC TALUS CONTRACT SERVICES	1,200.00	1,000.00	0.00	200.00	83.33
101-000-997.300	FOURTH OF JULY FIREWORKS	400.00	300.00	0.00	100.00	75.00
101-000-998.000	GT COUNTY ROAD COMMISSION TART	11,595.00	1,589.63	0.00	10,005.37	13.71
101-000-999.000	TRANSFER TO OTHER FUNDS	100,000.00	100,000.00	0.00	0.00	100.00
Total Dept 000		188,895.00	103,395.91	0.00	85,499.09	54.74
Dept 101 - TOWNSHIP BOARD OF TRUSTEES						
101-101-702.000	SALARIES	27,243.00	24,803.74	2,230.76	2,439.26	91.05
101-101-703.001	SECRETARY	31,100.00	28,359.20	2,500.80	2,740.80	91.19
101-101-705.001	PER DIEM TRUSTEES	250.00	0.00	0.00	250.00	0.00
101-101-714.000	FICA LOCAL SHARE	4,587.00	4,337.57	385.51	249.43	94.56
101-101-726.000	SUPPLIES & POSTAGE	2,500.00	1,072.85	0.00	1,427.15	42.91
101-101-801.000	ACCOUNTING & AUDIT	11,000.00	9,900.00	0.00	1,100.00	90.00
101-101-801.001	INTERNAL ACCOUNTANT	1,000.00	350.00	0.00	650.00	35.00
101-101-802.001	ATTORNEY SERVICES LITIGATION	1,700.00	2,516.70	0.00	(816.70)	148.04
101-101-802.002	ATTORNEY SERVICES	13,000.00	9,250.21	120.00	3,749.79	71.16
101-101-802.005	CONTRACTED COMMUNITY SERVICES	15,000.00	0.00	0.00	15,000.00	0.00
101-101-803.003	ENGINEERING SERVICES	40,000.00	11,566.25	0.00	28,433.75	28.92
101-101-804.000	SOFTWARE SUPPORT & PROCESSIN	24,500.00	19,113.77	1,400.65	5,386.23	78.02
101-101-860.000	TRAVEL & MILEAGE	250.00	0.00	0.00	250.00	0.00
101-101-874.000	RETIREMENT/PENSION	3,520.00	3,265.31	283.94	254.69	92.76
101-101-900.000	PUBLICATIONS	1,250.00	1,087.25	80.00	162.75	86.98

User: CATHY DYE

DB: Acme Township

PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18		YTD BALANCE	ACTIVITY FOR	AVAILABLE		% BDGT USED
		AMENDED BUDGET	NORMAL	05/31/2018 (ABNORMAL)	MONTH 05/31/2018 INCREASE (DECREASE)	NORMAL	(ABNORMAL)	
Fund 101 - GENERAL FUND								
Expenditures								
101-101-910.000	INSURANCE	6,700.00		5,794.92	828.40		905.08	86.49
101-101-958.000	EDUCATION/TRAINING/CONVENTION	300.00		60.00	0.00		240.00	20.00
101-101-960.000	dues subscriptions	5,900.00		5,772.11	0.00		127.89	97.83
Total Dept 101 - TOWNSHIP BOARD OF TRUSTEES		189,800.00		127,249.88	7,830.06		62,550.12	67.04
Dept 171 - SUPERVISOR EXPENDITURES								
101-171-702.000	SALARIES	40,000.00		35,384.58	3,076.92		4,615.42	88.46
101-171-714.000	FICA LOCAL SHARE	3,590.00		2,977.73	258.93		612.27	82.95
101-171-726.000	SUPPLIES & POSTAGE	100.00		0.00	0.00		100.00	0.00
101-171-860.000	TRAVEL & MILEAGE	400.00		0.00	0.00		400.00	0.00
101-171-874.000	RETIREMENT/PENSION	4,725.00		3,892.29	338.46		832.71	82.38
101-171-910.000	INSURANCE	4,000.00		3,538.55	307.70		461.45	88.46
101-171-958.000	EDUCATION/TRAINING/CONVENTION	400.00		0.00	0.00		400.00	0.00
Total Dept 171 - SUPERVISOR EXPENDITURES		53,215.00		45,793.15	3,982.01		7,421.85	86.05
Dept 191 - ELECTION EXPENDITURES								
101-191-702.000	SALARIES	10,000.00		0.00	0.00		10,000.00	0.00
101-191-726.000	SUPPLIES & POSTAGE	6,050.00		503.91	319.68		5,546.09	8.33
Total Dept 191 - ELECTION EXPENDITURES		16,050.00		503.91	319.68		15,546.09	3.14
Dept 209 - ASSESSOR'S EXPENDITURES								
101-209-702.000	SALARIES	5,000.00		4,583.37	416.67		416.63	91.67
101-209-714.000	FICA LOCAL SHARE	500.00		350.63	31.88		149.37	70.13
101-209-726.000	SUPPLIES & POSTAGE	4,000.00		2,840.26	0.00		1,159.74	71.01
101-209-803.002	ASSESSING CONTRACT SERVICES	41,600.00		41,824.00	3,572.00		(224.00)	100.54
101-209-803.004	ASSESSOR'S EVALUATION SERVICES	3,000.00		0.00	0.00		3,000.00	0.00
101-209-804.000	SOFTWARE SUPPORT & PROCESSIN	2,600.00		2,223.00	0.00		377.00	85.50
Total Dept 209 - ASSESSOR'S EXPENDITURES		56,700.00		51,821.26	4,020.55		4,878.74	91.40
Dept 215 - CLERK'S EXPENDITURES								
101-215-702.000	SALARIES	40,008.00		35,391.71	3,077.54		4,616.29	88.46
101-215-703.000	WAGES DEPUTY/SEC/PRT TIME	17,680.00		14,507.25	1,351.50		3,172.75	82.05
101-215-714.000	FICA LOCAL SHARE	4,390.00		3,374.23	301.63		1,015.77	76.86
101-215-726.000	SUPPLIES & POSTAGE	850.00		654.59	36.42		195.41	77.01
101-215-804.000	SOFTWARE SUPPORT & PROCESSIN	2,300.00		1,750.00	0.00		550.00	76.09
101-215-860.000	TRAVEL & MILEAGE	2,000.00		1,734.01	0.00		265.99	86.70
101-215-874.000	RETIREMENT/PENSION	5,670.00		4,989.99	442.91		680.01	88.01
101-215-910.000	INSURANCE	12,535.00		9,367.26	987.85		3,167.74	74.73
101-215-958.000	EDUCATION/TRAINING/CONVENTION	2,100.00		2,187.21	399.44		(87.21)	104.15
Total Dept 215 - CLERK'S EXPENDITURES		87,533.00		73,956.25	6,597.29		13,576.75	84.49
Dept 247 - BOARD OF REVIEW								
101-247-702.000	SALARIES	700.00		540.00	0.00		160.00	77.14
101-247-714.000	FICA LOCAL SHARE	55.00		41.31	0.00		13.69	75.11
101-247-900.000	PUBLICATIONS	75.00		36.79	0.00		38.21	49.05
101-247-956.000	MISCELLANEOUS	125.00		153.48	0.00		(28.48)	122.78

User: CATHY DYE

DB: Acme Township

PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		AMENDED BUDGET	05/31/2018 NORMAL (ABNORMAL)	MONTH 05/31/2018 INCREASE (DECREASE)	BALANCE NORMAL (ABNORMAL)	
Fund 101 - GENERAL FUND						
Expenditures						
Total Dept 247 - BOARD OF REVIEW		955.00	771.58	0.00	183.42	80.79
Dept 253 - TREASURER'S EXPENDITURES						
101-253-702.000	SALARIES	25,159.00	22,255.95	1,935.30	2,903.05	88.46
101-253-703.000	WAGES DEPUTY/SEC/PRT TIME	28,159.00	25,091.42	2,166.08	3,067.58	89.11
101-253-714.000	FICA LOCAL SHARE	3,830.00	3,731.34	337.29	98.66	97.42
101-253-726.000	SUPPLIES & POSTAGE	5,000.00	2,711.06	0.00	2,288.94	54.22
101-253-804.000	SOFTWARE SUPPORT & PROCESSIN	1,500.00	1,336.00	0.00	164.00	89.07
101-253-860.000	TRAVEL & MILEAGE	400.00	0.00	0.00	400.00	0.00
101-253-874.000	RETIREMENT/PENSION	5,730.00	4,919.32	440.90	810.68	85.85
101-253-910.000	INSURANCE	4,000.00	2,356.68	307.70	1,643.32	58.92
101-253-958.000	EDUCATION/TRAINING/CONVENTION	500.00	0.00	0.00	500.00	0.00
Total Dept 253 - TREASURER'S EXPENDITURES		74,278.00	62,401.77	5,187.27	11,876.23	84.01
Dept 265 - TOWNHALL EXPENDITURES						
101-265-726.000	SUPPLIES & POSTAGE	2,400.00	1,912.37	85.77	487.63	79.68
101-265-850.000	TELEPHONE	4,600.00	0.00	0.00	4,600.00	0.00
101-265-851.000	CABLE INTERNET SERVICES	5,150.00	3,638.04	315.37	1,511.96	70.64
101-265-920.000	ELECTRIC UTILITIES TOWNHALL	20,000.00	16,346.15	3,115.76	3,653.85	81.73
101-265-921.000	STREET LIGHTS	11,500.00	9,376.42	1,456.08	2,123.58	81.53
101-265-922.000	DTE GAS	3,600.00	3,188.66	431.79	411.34	88.57
101-265-923.000	SEWER TOWNSHIP HALL	1,200.00	600.00	60.00	600.00	50.00
101-265-930.000	REPAIRS & MAINT	8,000.00	9,500.17	309.92	(1,500.17)	118.75
Total Dept 265 - TOWNHALL EXPENDITURES		56,450.00	44,561.81	5,774.69	11,888.19	78.94
Dept 410 - PLANNING & ZONING EXPENDITURES						
101-410-702.002	ZONING ADMIN SALARY	60,000.00	53,076.87	4,615.38	6,923.13	88.46
101-410-705.000	PER DIEM PLANNING/ZBA	15,000.00	5,424.00	0.00	9,576.00	36.16
101-410-714.000	FICA LOCAL SHARE	4,846.00	4,746.01	376.62	99.99	97.94
101-410-726.000	SUPPLIES & POSTAGE	1,000.00	17.51	0.00	982.49	1.75
101-410-726.001	POSTAGE T & A	100.00	19.78	0.00	80.22	19.78
101-410-802.001	ATTORNEY SERVICES LITIGATION	5,000.00	330.00	0.00	4,670.00	6.60
101-410-802.002	ATTORNEY SERVICES	15,000.00	9,920.73	1,380.00	5,079.27	66.14
101-410-802.003	ATTORNEY T & A	10,000.00	1,000.00	0.00	9,000.00	10.00
101-410-803.000	PLANNER SERVICES	8,050.00	3,695.13	0.00	4,354.87	45.90
101-410-803.001	PLANNING CONSULTANT	15,000.00	4,520.01	784.13	10,479.99	30.13
101-410-803.004	ENGINEERING SERVICES T&A	15,000.00	2,443.00	0.00	12,557.00	16.29
101-410-803.005	PLANNING & CONSULTANT T & A	15,000.00	2,370.00	0.00	12,630.00	15.80
101-410-803.006	STAFF REVIEW T & A	1,500.00	1,422.10	0.00	77.90	94.81
101-410-804.000	SOFTWARE SUPPORT & PROCESSIN	500.00	635.87	635.87	(135.87)	127.17
101-410-860.000	TRAVEL & MILEAGE	600.00	365.79	0.00	234.21	60.97
101-410-874.000	RETIREMENT/PENSION	6,400.00	5,661.45	492.30	738.55	88.46
101-410-900.000	PUBLICATIONS	2,000.00	1,680.00	393.00	320.00	84.00
101-410-900.001	PUBLICATIONS T & A	0.00	695.00	0.00	(695.00)	100.00
101-410-910.000	INSURANCE	4,000.00	3,645.80	307.70	354.20	91.15
101-410-949.000	RENTAL OF SPACE	300.00	0.00	0.00	300.00	0.00
101-410-956.000	MISCELLANEOUS	100.00	20.00	0.00	80.00	20.00
101-410-958.000	EDUCATION/TRAINING/CONVENTION	2,500.00	1,178.46	80.00	1,321.54	47.14
101-410-960.000	dues subscriptions	800.00	350.00	0.00	450.00	43.75
101-410-964.000	REIMBURSEMENTS	0.00	672.45	0.00	(672.45)	100.00

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 05/31/2018 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 05/31/2018 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 101 - GENERAL FUND						
Expenditures						
Total Dept 410 - PLANNING & ZONING EXPENDITURES		182,696.00	103,889.96	9,065.00	78,806.04	56.86
Dept 750 - MAINT & PARKS EXPENDITURES						
101-750-703.000	WAGES DEPUTY/SEC/PRT TIME	15,120.00	13,788.75	1,747.50	1,331.25	91.20
101-750-714.000	FICA LOCAL SHARE	1,187.00	1,054.85	133.69	132.15	88.87
101-750-726.000	SUPPLIES & POSTAGE	1,700.00	878.67	103.48	821.33	51.69
101-750-860.000	TRAVEL & MILEAGE	500.00	0.00	0.00	500.00	0.00
101-750-930.000	REPAIRS & MAINT	44,525.00	25,586.44	2,328.61	18,938.56	57.47
101-750-956.000	MISCELLANEOUS	2,000.00	2,400.00	0.00	(400.00)	120.00
Total Dept 750 - MAINT & PARKS EXPENDITURES		65,032.00	43,708.71	4,313.28	21,323.29	67.21
Dept 865 - INSURANCE						
101-865-910.000	INSURANCE	15,000.00	14,943.32	0.00	56.68	99.62
Total Dept 865 - INSURANCE		15,000.00	14,943.32	0.00	56.68	99.62
Dept 970 - CAPITAL IMPROVEMENTS						
101-970-750.000	MAINT & PARKS EXPENDITURES	4,500.00	0.00	0.00	4,500.00	0.00
101-970-974.000	ELECTIONS CAPITAL IMPROVEMENT	6,500.00	5,587.82	0.00	912.18	85.97
101-970-975.000	TWNHALL CAPITAL IMPROVE	19,000.00	7,573.54	0.00	11,426.46	39.86
Total Dept 970 - CAPITAL IMPROVEMENTS		30,000.00	13,161.36	0.00	16,838.64	43.87
TOTAL EXPENDITURES		1,016,604.00	686,158.87	47,089.83	330,445.13	67.50
Fund 101 - GENERAL FUND:						
TOTAL REVENUES		938,176.00	746,354.61	26,348.41	191,821.39	79.55
TOTAL EXPENDITURES		1,016,604.00	686,158.87	47,089.83	330,445.13	67.50
NET OF REVENUES & EXPENDITURES		(78,428.00)	60,195.74	(20,741.42)	(138,623.74)	76.75
Fund 206 - FIRE FUND						
Revenues						
Dept 000						
206-000-402.000	CURRENT PROPERTY TAXES	724,767.00	727,810.16	0.00	(3,043.16)	100.42
206-000-402.002	CURRENT PROPERTY TAX AMBULANCE	100,233.00	95,182.20	0.00	5,050.80	94.96
Total Dept 000		825,000.00	822,992.36	0.00	2,007.64	99.76
TOTAL REVENUES		825,000.00	822,992.36	0.00	2,007.64	99.76
Expenditures						
Dept 000						
206-000-802.004	CONTRACTED EMPLOYEE SERVICES	98,500.00	88,138.66	7,433.60	10,361.34	89.48
206-000-805.000	METRO FIRE CONTRACT	724,760.00	723,014.92	0.00	1,745.08	99.76

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 05/31/2018 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 05/31/2018 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 206 - FIRE FUND						
Expenditures						
Total Dept 000		823,260.00	811,153.58	7,433.60	12,106.42	98.53
TOTAL EXPENDITURES		823,260.00	811,153.58	7,433.60	12,106.42	98.53
Fund 206 - FIRE FUND:						
TOTAL REVENUES		825,000.00	822,992.36	0.00	2,007.64	99.76
TOTAL EXPENDITURES		823,260.00	811,153.58	7,433.60	12,106.42	98.53
NET OF REVENUES & EXPENDITURES		1,740.00	11,838.78	(7,433.60)	(10,098.78)	680.39
Fund 207 - POLICE PROTECTION						
Revenues						
Dept 000						
207-000-402.000	CURRENT PROPERTY TAXES	46,100.00	23,060.93	0.00	23,039.07	50.02
207-000-671.000	MISC REVENUES	27,600.00	0.00	0.00	27,600.00	0.00
207-000-699.000	TRANS IN FRM OTHER FUNDS	8,600.00	8,600.00	0.00	0.00	100.00
Total Dept 000		82,300.00	31,660.93	0.00	50,639.07	38.47
TOTAL REVENUES		82,300.00	31,660.93	0.00	50,639.07	38.47
Expenditures						
Dept 000						
207-000-802.000	COMMUNITY POLICING CONTRACT	81,000.00	39,075.50	19,537.75	41,924.50	48.24
207-000-956.000	MISCELLANEOUS	5,000.00	1,500.00	0.00	3,500.00	30.00
Total Dept 000		86,000.00	40,575.50	19,537.75	45,424.50	47.18
TOTAL EXPENDITURES		86,000.00	40,575.50	19,537.75	45,424.50	47.18
Fund 207 - POLICE PROTECTION:						
TOTAL REVENUES		82,300.00	31,660.93	0.00	50,639.07	38.47
TOTAL EXPENDITURES		86,000.00	40,575.50	19,537.75	45,424.50	47.18
NET OF REVENUES & EXPENDITURES		(3,700.00)	(8,914.57)	(19,537.75)	5,214.57	240.93
Fund 208 - PARK FUND						
Revenues						
Dept 000						
208-000-600.000	CONTRIBUTIONS FROM RESIDENTS	3,000.00	13,895.15	1,931.15	(10,895.15)	463.17
208-000-699.000	TRANS IN FRM OTHER FUNDS	682.45	682.45	0.00	0.00	100.00
Total Dept 000		3,682.45	14,577.60	1,931.15	(10,895.15)	395.87
TOTAL REVENUES		3,682.45	14,577.60	1,931.15	(10,895.15)	395.87
Expenditures						



REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		AMENDED BUDGET	05/31/2018 NORMAL (ABNORMAL)	MONTH 05/31/2018 INCREASE (DECREASE)	BALANCE NORMAL (ABNORMAL)	
Fund 208 - PARK FUND						
Expenditures						
Dept 000						
208-000-876.000	REFUNDS & OVERPAYMENTS	0.00	570.00	0.00	(570.00)	100.00
208-000-930.005	SHORELINE REDEVELOPMENT	4,900.00	450.00	0.00	4,450.00	9.18
Total Dept 000		4,900.00	1,020.00	0.00	3,880.00	20.82
TOTAL EXPENDITURES		4,900.00	1,020.00	0.00	3,880.00	20.82
Fund 208 - PARK FUND:						
TOTAL REVENUES		3,682.45	14,577.60	1,931.15	(10,895.15)	395.87
TOTAL EXPENDITURES		4,900.00	1,020.00	0.00	3,880.00	20.82
NET OF REVENUES & EXPENDITURES		(1,217.55)	13,557.60	1,931.15	(14,775.15)	1,113.51
Fund 209 - CEMETERY FUND						
Revenues						
Dept 000						
209-000-643.000	CEMETARY lot & plots	3,400.00	3,200.00	0.00	200.00	94.12
209-000-646.000	BURIAL FEE PAYMENTS	8,500.00	3,800.00	500.00	4,700.00	44.71
Total Dept 000		11,900.00	7,000.00	500.00	4,900.00	58.82
TOTAL REVENUES		11,900.00	7,000.00	500.00	4,900.00	58.82
Expenditures						
Dept 000						
209-000-726.000	SUPPLIES & POSTAGE	300.00	488.95	0.00	(188.95)	162.98
209-000-802.004	CONTRACTED EMPLOYEE SERVICES	7,800.00	3,750.00	0.00	4,050.00	48.08
209-000-930.000	REPAIRS & MAINT	1,500.00	39.19	0.00	1,460.81	2.61
Total Dept 000		9,600.00	4,278.14	0.00	5,321.86	44.56
TOTAL EXPENDITURES		9,600.00	4,278.14	0.00	5,321.86	44.56
Fund 209 - CEMETERY FUND:						
TOTAL REVENUES		11,900.00	7,000.00	500.00	4,900.00	58.82
TOTAL EXPENDITURES		9,600.00	4,278.14	0.00	5,321.86	44.56
NET OF REVENUES & EXPENDITURES		2,300.00	2,721.86	500.00	(421.86)	118.34
Fund 212 - LIQUOR FUND						
Revenues						
Dept 000						
212-000-443.000	LIQUOR LICENSE FEES	9,400.00	10,100.75	0.00	(700.75)	107.45
212-000-665.000	INTEREST ON INVESTMENTS	3.00	2.94	0.00	0.06	98.00
Total Dept 000		9,403.00	10,103.69	0.00	(700.69)	107.45

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 05/31/2018 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 05/31/2018 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
<b>Fund 212 - LIQUOR FUND</b>						
Revenues						
TOTAL REVENUES		9,403.00	10,103.69	0.00	(700.69)	107.45
Expenditures						
Dept 000						
212-000-999.000	TRANSFER TO OTHER FUNDS	8,600.00	8,600.00	0.00	0.00	100.00
Total Dept 000		8,600.00	8,600.00	0.00	0.00	100.00
TOTAL EXPENDITURES		8,600.00	8,600.00	0.00	0.00	100.00
<b>Fund 212 - LIQUOR FUND:</b>						
TOTAL REVENUES		9,403.00	10,103.69	0.00	(700.69)	107.45
TOTAL EXPENDITURES		8,600.00	8,600.00	0.00	0.00	100.00
NET OF REVENUES & EXPENDITURES		803.00	1,503.69	0.00	(700.69)	187.26
<b>Fund 225 - FARMLAND PRESERVATION</b>						
Revenues						
Dept 000						
225-000-402.000	CURRENT PROPERTY TAXES	230,800.00	240,103.32	0.00	(9,303.32)	104.03
225-000-665.000	INTEREST ON INVESTMENTS	100.00	960.00	0.00	(860.00)	960.00
Total Dept 000		230,900.00	241,063.32	0.00	(10,163.32)	104.40
TOTAL REVENUES		230,900.00	241,063.32	0.00	(10,163.32)	104.40
Expenditures						
Dept 000						
225-000-802.002	ATTORNEY SERVICES	2,000.00	0.00	0.00	2,000.00	0.00
225-000-802.004	CONTRACTED EMPLOYEE SERVICES	30,000.00	22,500.00	0.00	7,500.00	75.00
225-000-902.000	BANK CHARGES	0.00	30.00	0.00	(30.00)	100.00
225-000-941.000	PDR PYMT TO LANDOWNERS	300,000.00	0.00	0.00	300,000.00	0.00
225-000-942.000	APPRAISAL EXPENSES	2,500.00	22,200.00	0.00	(19,700.00)	888.00
Total Dept 000		334,500.00	44,730.00	0.00	289,770.00	13.37
TOTAL EXPENDITURES		334,500.00	44,730.00	0.00	289,770.00	13.37
<b>Fund 225 - FARMLAND PRESERVATION:</b>						
TOTAL REVENUES		230,900.00	241,063.32	0.00	(10,163.32)	104.40
TOTAL EXPENDITURES		334,500.00	44,730.00	0.00	289,770.00	13.37
NET OF REVENUES & EXPENDITURES		(103,600.00)	196,333.32	0.00	(299,933.32)	189.51
<b>Fund 296 - SHORELINE PRESERVATION</b>						
Revenues						
Dept 000						

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 05/31/2018 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 05/31/2018 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 296 - SHORELINE PPRESERVATION						
Revenues						
296-000-665.000	INTEREST ON INVESTMENTS	0.00	2.22	0.00	(2.22)	100.00
Total Dept 000		0.00	2.22	0.00	(2.22)	100.00
TOTAL REVENUES		0.00	2.22	0.00	(2.22)	100.00
Fund 296 - SHORELINE PPRESERVATION:						
TOTAL REVENUES		0.00	2.22	0.00	(2.22)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	2.22	0.00	(2.22)	100.00
Fund 401 - SAYLER PARK BOAT LAUNCH CAPITAL FUND						
Expenditures						
Dept 000						
401-000-999.000	TRANSFER TO OTHER FUNDS	682.45	682.45	0.00	0.00	100.00
Total Dept 000		682.45	682.45	0.00	0.00	100.00
TOTAL EXPENDITURES		682.45	682.45	0.00	0.00	100.00
Fund 401 - SAYLER PARK BOAT LAUNCH CAPITAL FUND:						
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		682.45	682.45	0.00	0.00	100.00
NET OF REVENUES & EXPENDITURES		(682.45)	(682.45)	0.00	0.00	100.00
Fund 402 - BAYSIDE PARK CAPITAL FUND						
Revenues						
Dept 000						
402-000-600.000	CONTRIBUTIONS FROM RESIDENTS	3,000.00	0.00	0.00	3,000.00	0.00
402-000-602.002	TRUST FUND DEVELOPMENT GRANT-MDNR	300,000.00	0.00	0.00	300,000.00	0.00
402-000-671.000	MISC REVENUES	200,000.00	100,000.00	0.00	100,000.00	50.00
402-000-699.000	TRANS IN FRM OTHER FUNDS	200,000.00	100,000.00	0.00	100,000.00	50.00
Total Dept 000		703,000.00	200,000.00	0.00	503,000.00	28.45
TOTAL REVENUES		703,000.00	200,000.00	0.00	503,000.00	28.45
Expenditures						
Dept 000						
402-000-803.000	PLANNER SERVICES	80,000.00	21,278.00	6,857.50	58,722.00	26.60
402-000-803.003	ENGINEERING SERVICES	10,000.00	22,736.00	0.00	(12,736.00)	227.36
402-000-930.002	PARKS & RECREATION EXPENDITURE	510,000.00	19,000.00	0.00	491,000.00	3.73
Total Dept 000		600,000.00	63,014.00	6,857.50	536,986.00	10.50

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 05/31/2018 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 05/31/2018 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 402 - BAYSIDE PARK CAPITAL FUND						
Expenditures						
TOTAL EXPENDITURES		600,000.00	63,014.00	6,857.50	536,986.00	10.50
Fund 402 - BAYSIDE PARK CAPITAL FUND:						
TOTAL REVENUES		703,000.00	200,000.00	0.00	503,000.00	28.45
TOTAL EXPENDITURES		600,000.00	63,014.00	6,857.50	536,986.00	10.50
NET OF REVENUES & EXPENDITURES		103,000.00	136,986.00	(6,857.50)	(33,986.00)	133.00
Fund 590 - ACME RELIEF SEWER						
Revenues						
Dept 000						
590-000-460.000	USAGE&CONNECTION FEES	884,500.00	772,512.34	75,594.83	111,987.66	87.34
590-000-633.000	REPLACEMENT	2,500.00	0.00	0.00	2,500.00	0.00
590-000-634.000	IMPROVEMENTS	1,364,580.00	0.00	0.00	1,364,580.00	0.00
590-000-665.000	INTEREST ON INVESTMENTS	0.00	3,792.84	0.00	(3,792.84)	100.00
590-000-668.000	INTEREST & FEES	2,210.00	0.00	0.00	2,210.00	0.00
Total Dept 000		2,253,790.00	776,305.18	75,594.83	1,477,484.82	34.44
Dept 550 - HOPE VILLAGE- WATER						
590-550-450.000	USAGE FEES	0.00	(1,167.28)	0.00	1,167.28	100.00
590-550-460.000	USAGE&CONNECTION FEES	0.00	2,448.60	0.00	(2,448.60)	100.00
Total Dept 550 - HOPE VILLAGE- WATER		0.00	1,281.32	0.00	(1,281.32)	100.00
TOTAL REVENUES		2,253,790.00	777,586.50	75,594.83	1,476,203.50	34.50
Expenditures						
Dept 000						
590-000-802.002	ATTORNEY SERVICES	5,000.00	585.00	0.00	4,415.00	11.70
590-000-803.003	ENGINEERING SERVICES	161,900.00	89,997.00	8,795.00	71,903.00	55.59
590-000-956.001	OPERATING & MAINT EXP	406,714.00	301,254.43	19,021.51	105,459.57	74.07
590-000-956.003	HOCH ROAD #697 EXP	1,000.00	922.17	547.70	77.83	92.22
590-000-995.001	INTEREST on BONDS	25,200.00	20,659.94	10,119.81	4,540.06	81.98
590-000-995.002	PRINCIPAL ON JOINT VENTURE	86,381.00	93,252.08	93,252.08	(6,871.08)	107.95
Total Dept 000		686,195.00	506,670.62	131,736.10	179,524.38	73.84
TOTAL EXPENDITURES		686,195.00	506,670.62	131,736.10	179,524.38	73.84
Fund 590 - ACME RELIEF SEWER:						
TOTAL REVENUES		2,253,790.00	777,586.50	75,594.83	1,476,203.50	34.50
TOTAL EXPENDITURES		686,195.00	506,670.62	131,736.10	179,524.38	73.84
NET OF REVENUES & EXPENDITURES		1,567,595.00	270,915.88	(56,141.27)	1,296,679.12	17.28
Fund 591 - WATER FUND- HOPE VILLAGE						
Revenues						
Dept 550 - HOPE VILLAGE- WATER						

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		AMENDED BUDGET	05/31/2018 NORMAL (ABNORMAL)	MONTH 05/31/2018 INCREASE (DECREASE)	BALANCE NORMAL (ABNORMAL)	
Fund 591 - WATER FUND- HOPE VILLAGE						
Revenues						
591-550-460.000	USAGE&CONNECTION FEES	15,400.00	8,928.60	1,168.02	6,471.40	57.98
Total Dept 550 - HOPE VILLAGE- WATER		15,400.00	8,928.60	1,168.02	6,471.40	57.98
TOTAL REVENUES		15,400.00	8,928.60	1,168.02	6,471.40	57.98
Expenditures						
Dept 550 - HOPE VILLAGE- WATER						
591-550-956.001	OPERATING & MAINT EXP	15,300.00	9,215.95	825.95	6,084.05	60.23
Total Dept 550 - HOPE VILLAGE- WATER		15,300.00	9,215.95	825.95	6,084.05	60.23
TOTAL EXPENDITURES		15,300.00	9,215.95	825.95	6,084.05	60.23
Fund 591 - WATER FUND- HOPE VILLAGE:						
TOTAL REVENUES		15,400.00	8,928.60	1,168.02	6,471.40	57.98
TOTAL EXPENDITURES		15,300.00	9,215.95	825.95	6,084.05	60.23
NET OF REVENUES & EXPENDITURES		100.00	(287.35)	342.07	387.35	287.35
Fund 703 - CURRENT TAX COLLECTION						
Expenditures						
Dept 000						
703-000-876.000	REFUNDS & OVERPAYMENTS	0.00	4.37	0.00	(4.37)	100.00
Total Dept 000		0.00	4.37	0.00	(4.37)	100.00
TOTAL EXPENDITURES		0.00	4.37	0.00	(4.37)	100.00
Fund 703 - CURRENT TAX COLLECTION:						
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	4.37	0.00	(4.37)	100.00
NET OF REVENUES & EXPENDITURES		0.00	(4.37)	0.00	4.37	100.00
Fund 811 - HOLIDAY HILLS AREA IMPROVEMENT						
Revenues						
Dept 000						
811-000-672.000	ASSESSMENTS CURRENT	68,100.00	67,148.34	0.00	951.66	98.60
811-000-672.020	PREPAID ASSESSMENTS	0.00	11,661.12	3,784.01	(11,661.12)	100.00
Total Dept 000		68,100.00	78,809.46	3,784.01	(10,709.46)	115.73
TOTAL REVENUES		68,100.00	78,809.46	3,784.01	(10,709.46)	115.73
Expenditures						

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP  
 PERIOD ENDING 05/31/2018

GL NUMBER	DESCRIPTION	2017-18	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		AMENDED BUDGET	05/31/2018 NORMAL (ABNORMAL)	MONTH 05/31/2018 INCREASE (DECREASE)	BALANCE NORMAL (ABNORMAL)	
Fund 811 - HOLIDAY HILLS AREA IMPROVEMENT						
Expenditures						
Dept 000						
811-000-956.000	MISCELLANEOUS	0.00	500.00	0.00	(500.00)	100.00
811-000-995.001	INTEREST on BONDS	0.00	11,540.00	0.00	(11,540.00)	100.00
811-000-997.000	DEBT PAYMENT TO COUNTY	60,213.00	50,000.00	0.00	10,213.00	83.04
Total Dept 000		60,213.00	62,040.00	0.00	(1,827.00)	103.03
TOTAL EXPENDITURES		60,213.00	62,040.00	0.00	(1,827.00)	103.03
Fund 811 - HOLIDAY HILLS AREA IMPROVEMENT:						
TOTAL REVENUES		68,100.00	78,809.46	3,784.01	(10,709.46)	115.73
TOTAL EXPENDITURES		60,213.00	62,040.00	0.00	(1,827.00)	103.03
NET OF REVENUES & EXPENDITURES		7,887.00	16,769.46	3,784.01	(8,882.46)	212.62
TOTAL REVENUES - ALL FUNDS		5,141,651.45	2,939,079.29	109,326.42	2,202,572.16	57.16
TOTAL EXPENDITURES - ALL FUNDS		3,645,854.45	2,238,143.48	213,480.73	1,407,710.97	61.39
NET OF REVENUES & EXPENDITURES		1,495,797.00	700,935.81	(104,154.31)	794,861.19	46.86



Fund 101 GENERAL FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
101-000-001.000	CASH-CHECKING	675,197.72	608,389.73
101-000-002.000	CASH ON HAND (PETTY CASH)	200.00	200.00
101-000-004.000	3735-MONEY MARKET	297,705.38	298,201.65
101-000-005.000	1886-HIGH YIELD	157,013.26	157,209.53
101-000-018.000	MISC RECEIVABLE (IMMANUAL/BATES ACCT)	49,346.27	49,346.27
101-000-072.000	G.T. COUNTY SEPTAGE BOND/LOAN	128,288.00	121,357.88
101-000-084.402	DUE FROM 402 CAPITAL IMPROVEMENT	0.00	185,000.00
101-000-084.703	DUE FROM CURRENT TAX FUND	0.00	(337.25)
<b>Total Assets</b>		<b>1,404,596.25</b>	<b>1,419,367.81</b>
*** Liabilities ***			
101-000-231.200	OTHER PAYROLL DEDUCTIONS	1,409.36	612.86
101-000-339.000	DEFERRED REVENUE	49,346.27	49,346.27
<b>Total Liabilities</b>		<b>95,383.31</b>	<b>49,959.13</b>
*** Fund Balance ***			
101-000-378.000	PA48 METRO FUND-RESTRICTED	0.00	8,594.00
101-000-378.001	PUBLIC BROADCAST EQUIP FUND-RESTRICTED	0.00	6,864.00
101-000-382.000	SELF FUND ACCTS (PAYABLE 6 MONTHS)-COM	0.00	388,125.00
101-000-382.003	SEPTAGE PLANT BOND BUYOUT-COMMITTED	0.00	7,776.12
101-000-382.004	TOWNSHIP HALL/COMMUNITY CTR-COMMITTED	0.00	30,000.00
101-000-382.005	GTTC ENGINEER PROJECT MNGT-COMMITTED	0.00	32,000.00
101-000-390.000	Fund Balance	1,309,212.94	835,853.82
<b>Total Fund Balance</b>		<b>1,309,212.94</b>	<b>1,309,212.94</b>
<b>Beginning Fund Balance</b>			<b>1,309,212.94</b>
<b>Net of Revenues VS Expenditures</b>			<b>60,195.74</b>
<b>Ending Fund Balance</b>			<b>1,369,408.68</b>
<b>Total Liabilities And Fund Balance</b>			<b>1,419,367.81</b>

Fund 206 FIRE FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
206-000-001.000	CASH-CHECKING	58,715.08	70,553.86
Total Assets		58,715.08	70,553.86
*** Liabilities ***			
Total Liabilities		0.00	0.00
*** Fund Balance ***			
206-000-390.000	Fund Balance	58,715.08	58,715.08
Total Fund Balance		58,715.08	58,715.08
Beginning Fund Balance			58,715.08
Net of Revenues VS Expenditures			11,838.78
Ending Fund Balance			70,553.86
Total Liabilities And Fund Balance			70,553.86

Fund 207 POLICE PROTECTION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
207-000-001.000	CASH-CHECKING	90,910.03	81,995.46
<b>Total Assets</b>		<b>90,910.03</b>	<b>81,995.46</b>
*** Liabilities ***			
<b>Total Liabilities</b>		<b>0.00</b>	<b>0.00</b>
*** Fund Balance ***			
207-000-390.000	Fund Balance	90,910.03	90,910.03
<b>Total Fund Balance</b>		<b>90,910.03</b>	<b>90,910.03</b>
Beginning Fund Balance			90,910.03
Net of Revenues VS Expenditures			(8,914.57)
Ending Fund Balance			81,995.46
Total Liabilities And Fund Balance			81,995.46

Fund 208 PARK FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
208-000-001.000	CASH-CHECKING	4,960.46	14,418.06
Total Assets		4,960.46	14,418.06
*** Liabilities ***			
Total Liabilities		4,100.00	0.00
*** Fund Balance ***			
208-000-390.000	Fund Balance	860.46	860.46
Total Fund Balance		860.46	860.46
Beginning Fund Balance			860.46
Net of Revenues VS Expenditures			13,557.60
Ending Fund Balance			14,418.06
Total Liabilities And Fund Balance			14,418.06

Fund 209 CEMETERY FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
209-000-001.000	CASH-CHECKING	14,615.79	13,657.65
Total Assets		14,615.79	13,657.65
*** Liabilities ***			
Total Liabilities		3,680.00	0.00
*** Fund Balance ***			
209-000-390.000	Fund Balance	10,935.79	10,935.79
Total Fund Balance		10,935.79	10,935.79
Beginning Fund Balance			10,935.79
Net of Revenues VS Expenditures			2,721.86
Ending Fund Balance			13,657.65
Total Liabilities And Fund Balance			13,657.65

Fund 212 LIQUOR FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
212-000-001.000	CASH-CHECKING	1,122.90	2,623.65
212-000-004.000	0650-MONEY MARKET	6,994.72	6,997.66
<b>Total Assets</b>		<b>8,117.62</b>	<b>9,621.31</b>
*** Liabilities ***			
<b>Total Liabilities</b>		<b>0.00</b>	<b>0.00</b>
*** Fund Balance ***			
212-000-390.000	Fund Balance	8,117.62	8,117.62
<b>Total Fund Balance</b>		<b>8,117.62</b>	<b>8,117.62</b>
<b>Beginning Fund Balance</b>			<b>8,117.62</b>
<b>Net of Revenues VS Expenditures</b>			<b>1,503.69</b>
<b>Ending Fund Balance</b>			<b>9,621.31</b>
<b>Total Liabilities And Fund Balance</b>			<b>9,621.31</b>

Fund 225 FARMLAND PRESERVATION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
225-000-001.000	9937-CASH-CHECKING	583,753.37	780,084.54
225-000-004.000	4319-MONEY MARKET	5,202.97	5,205.12
<b>Total Assets</b>		<b>588,956.34</b>	<b>785,289.66</b>
*** Liabilities ***			
<b>Total Liabilities</b>		<b>0.00</b>	<b>0.00</b>
*** Fund Balance ***			
225-000-390.000	Fund Balance	588,956.34	588,956.34
<b>Total Fund Balance</b>		<b>588,956.34</b>	<b>588,956.34</b>
<b>Beginning Fund Balance</b>			<b>588,956.34</b>
<b>Net of Revenues VS Expenditures</b>			<b>196,333.32</b>
<b>Ending Fund Balance</b>			<b>785,289.66</b>
<b>Total Liabilities And Fund Balance</b>			<b>785,289.66</b>

Fund 296 SHORELINE PPRESERVATION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
296-000-001.000	CASH-CHECKING	1,379.30	1,381.52
<b>Total Assets</b>		<b>1,379.30</b>	<b>1,381.52</b>
*** Liabilities ***			
<b>Total Liabilities</b>		<b>0.00</b>	<b>0.00</b>
*** Fund Balance ***			
296-000-390.000	Fund Balance	1,379.30	1,379.30
<b>Total Fund Balance</b>		<b>1,379.30</b>	<b>1,379.30</b>
<b>Beginning Fund Balance</b>			<b>1,379.30</b>
<b>Net of Revenues VS Expenditures</b>			<b>2.22</b>
<b>Ending Fund Balance</b>			<b>1,381.52</b>
<b>Total Liabilities And Fund Balance</b>			<b>1,381.52</b>



Fund 401 SAYLER PARK BOAT LAUNCH CAPITAL FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
	<b>Total Assets</b>	682.45	0.00
*** Liabilities ***			
	<b>Total Liabilities</b>	0.00	0.00
*** Fund Balance ***			
401-000-390.000	Fund Balance	682.45	682.45
	<b>Total Fund Balance</b>	682.45	682.45
	<b>Beginning Fund Balance</b>		682.45
	<b>Net of Revenues VS Expenditures</b>		(682.45)
	<b>Ending Fund Balance</b>		0.00
	<b>Total Liabilities And Fund Balance</b>		0.00

Fund 402 BAYSIDE PARK CAPITAL FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
402-000-001.000	CASH-CHECKING	0.00	321,986.00
Total Assets		0.00	321,986.00
*** Liabilities ***			
402-000-214.101	DUE TO GENERAL FUND	0.00	185,000.00
Total Liabilities		0.00	185,000.00
*** Fund Balance ***			
Total Fund Balance		0.00	0.00
Beginning Fund Balance			0.00
Net of Revenues VS Expenditures			136,986.00
Ending Fund Balance			136,986.00
Total Liabilities And Fund Balance			321,986.00

Fund 590 ACME RELIEF SEWER

GL Number	Description	Current Year Beg. Balance	Balance
<b>*** Assets ***</b>			
590-000-001.000	9945-CASH-CHECKING	2,541,597.75	1,829,353.57
590-000-004.000	0651-MONEY MARKET	197,066.63	197,312.77
590-000-132.000	SEPTIC PLANT	470,853.00	470,853.00
590-000-133.000	ACCUMULATED DEPRECIATION	(93,988.24)	(93,988.24)
590-000-152.000	WATER SYSTEMS	177,000.00	177,000.00
590-000-153.000	ACCUMULATED DEPRECIATION-WATE	(71,095.00)	(71,095.00)
590-000-154.000	SEWER SYSTEMS	11,611,103.07	11,611,103.07
590-000-155.000	ACCUMULATED DEPREC-SEWER	(5,876,837.24)	(5,876,837.24)
590-000-158.000	CONSTRUCTION IN PROGRESS	0.00	1,004,141.48
<b>Total Assets</b>		<b>9,031,045.74</b>	<b>9,247,843.41</b>
<b>*** Liabilities ***</b>			
590-000-250.000	BONDS PAYABLE LONG TERM	429,846.00	429,846.00
590-000-250.001	ACCR.INTEREST ON BONDS	3,021.00	3,021.00
590-000-250.100	Current portion of Bonds	97,160.00	97,160.00
590-000-251.002	PREMIUM OF REFUNDED BONDS	36,908.00	36,908.00
590-000-310.000	CONTRACTS PAYABLE-COUNTY DPW	5,180.00	5,180.00
<b>Total Liabilities</b>		<b>626,233.21</b>	<b>572,115.00</b>
<b>*** Fund Balance ***</b>			
590-000-382.000	SELF FUND ACCTS (PAYABLE 6 MONTHS)-COM	0.00	370,210.00
590-000-382.001	REPLACEMENT	0.00	246,807.00
590-000-382.002	IMPROVEMENT	0.00	509,150.00
590-000-390.000	Fund Balance	8,404,812.53	7,278,645.53
<b>Total Fund Balance</b>		<b>8,404,812.53</b>	<b>8,404,812.53</b>
<b>Beginning Fund Balance</b>			<b>8,404,812.53</b>
<b>Net of Revenues VS Expenditures</b>			<b>270,915.88</b>
<b>Ending Fund Balance</b>			<b>8,675,728.41</b>
<b>Total Liabilities And Fund Balance</b>			<b>9,247,843.41</b>

Fund 591 WATER FUND- HOPE VILLAGE

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
591-000-001.000	CASH-CHECKING	0.00	(287.35)
Total Assets		0.00	(287.35)
*** Liabilities ***			
Total Liabilities		0.00	0.00
*** Fund Balance ***			
Total Fund Balance		0.00	0.00
Beginning Fund Balance			0.00
Net of Revenues VS Expenditures			(287.35)
Ending Fund Balance			(287.35)
Total Liabilities And Fund Balance			(287.35)

Fund 701 TRUST AND AGENCY

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
701-000-001.000	CASH-CHECKING	8,800.00	5,600.00
Total Assets		8,800.00	5,600.00
*** Liabilities ***			
701-400-282.423	POW/WINDWARD RIDGE	8,800.00	5,600.00
Total Liabilities		8,800.00	5,600.00
*** Fund Balance ***			
Total Fund Balance		0.00	0.00
Beginning Fund Balance			0.00
Net of Revenues VS Expenditures			0.00
Ending Fund Balance			0.00
Total Liabilities And Fund Balance			5,600.00

Fund 703 CURRENT TAX COLLECTION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
703-000-001.000	CASH-CHECKING	28,967.81	25,410.23
<b>Total Assets</b>		<b>28,967.81</b>	<b>25,410.23</b>
*** Liabilities ***			
703-000-202.000	ACCOUNTS PAYABLE	181.03	181.03
703-000-273.000	UNDISTRIBUTED TAX	28,788.86	25,235.65
703-000-274.000	EARNED INTEREST UNDISTRIBUTED	0.92	0.92
<b>Total Liabilities</b>		<b>28,970.81</b>	<b>25,417.60</b>
*** Fund Balance ***			
703-000-390.000	Fund Balance	(3.00)	(3.00)
<b>Total Fund Balance</b>		<b>(3.00)</b>	<b>(3.00)</b>
<b>Beginning Fund Balance</b>			<b>(3.00)</b>
<b>Net of Revenues VS Expenditures</b>			<b>(4.37)</b>
<b>Ending Fund Balance</b>			<b>(7.37)</b>
<b>Total Liabilities And Fund Balance</b>			<b>25,410.23</b>

Fund 811 HOLIDAY HILLS AREA IMPROVEMENT

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
811-000-001.000	CASH-CHECKING	302,842.80	319,612.26
811-000-045.000	RECEIVABLE-CURRENT	695,882.25	695,882.25
<b>Total Assets</b>		<b>998,725.05</b>	<b>1,015,494.51</b>
*** Liabilities ***			
811-000-339.000	DEFERRED REVENUE	695,882.25	695,882.25
<b>Total Liabilities</b>		<b>695,882.25</b>	<b>695,882.25</b>
*** Fund Balance ***			
811-000-390.000	Fund Balance	302,842.80	302,842.80
<b>Total Fund Balance</b>		<b>302,842.80</b>	<b>302,842.80</b>
<b>Beginning Fund Balance</b>			<b>302,842.80</b>
<b>Net of Revenues VS Expenditures</b>			<b>16,769.46</b>
<b>Ending Fund Balance</b>			<b>319,612.26</b>
<b>Total Liabilities And Fund Balance</b>			<b>1,015,494.51</b>

Beth Friend, Supervisor  
Susanne M. Courtade, Clerk  
Tracey Bartlett, Treasurer



Mindy Walters, Trustee  
Glen Lile, Trustee  
Bryan Marrow, Trustee  
Andrea Hentschel, Trustee

June 27, 2018

*Sent via Email*

Jay Zollinger, Supervisor  
Acme Township  
6042 Acme Road  
Williamsburg, MI 49690

Re: U.S. 31 N Sanitary Sewer Force Main

Dear Jay,

It was a pleasure to meet with you, DPW Director John Divozzo, and Wade Trim and Gosling Czubak engineers on June 20<sup>th</sup> to discuss the sanitary sewer system serving Acme and East Bay Townships.

While we discussed many items at that meeting, this letter serves as confirmation of our consensus regarding the rehabilitation of the U.S. 31 N Sanitary Sewer Force Main which both townships utilize and operate under the *Sewer System Usage Agreement between Acme Township and East Bay Township*. As notified in a May 30, 2018 letter from me to you, Wade Trim received significant interest from contractors in the U.S. 31 N Sanitary Sewer Force Main project. However, the bid deadline arrived with no submissions. The primary reason for this has been documented as the tight time frame outlined and proposed in response to the CGAP grant requirements. In recognition of this and based on both Wade Trim and Gosling Czubak recommendations, we concurred at June 20<sup>th</sup> meeting to adjust the time frame of the project to achieve optimal results. The project is now projected to occur in the next construction season of 2019, with bids being requested in late 2018/early 2019.

Please refer to my earlier letter, dated March 21, 2018, for an outline of the project in accordance with our townships' agreement, *Sewer System Usage Agreement between Acme Township and East Bay Township*. As that letter served as notification of the project and understanding, please let this letter serve as notification as an update on the project. As confirmation, this adjustment impacts the project's construction cycle, not the engineering nor the financial requirements.



U.S. 31 N Sanitary Sewer Force Main

June 27, 2018

Page 2 of 2

On behalf of the East Bay Charter Township Board of Trustees, Please feel free to contact me at any time with comments or questions on this issue of mutual importance.

Sincerely,

A handwritten signature in cursive script that reads "Beth Friend".

Beth Friend  
Supervisor

Enclosures:

March 21, 2018 East Bay Township Letter Re: U.S. 31 N Sanitary Sewer Force Main

May 30, 2018 East Bay Township Letter Re: U.S. 31 N Sanitary Sewer Force Main

cc: John Divozzo, Grand Traverse County DPW Director  
Acme Township Board of Trustees  
Gosling-Czubak  
East Bay Charter Township Board of Trustees  
Wade Trim, Inc.

Beth Friend, Supervisor  
Susanne M. Courtade, Clerk  
Tracey Bartlett, Treasurer



Mindy Walters, Trustee  
Glen Lile, Trustee  
Bryan Marrow, Trustee  
Andrea Hentschel, Trustee

May 30, 2018

*Sent via Email*

Jay Zollinger, Supervisor  
Acme Township  
6042 Acme Road  
Williamsburg, MI 49690

Re: U.S. 31 N Sanitary Sewer Force Main

Dear Jay,

As I have mentioned to you, it has been a pleasure working with Acme Township on the application for Michigan Department of Treasury's *Competitive Grant Assistance Program* (CGAP), which was submitted on February 27, 2018. Unfortunately, as we know, not every grant application receives a notification of award. As it is in this case, I received the attached letter from the Department of Treasury with notification our joint project was not selected for FY 2018 CGAP grant funding. Please note, the letter indicates the Department of Treasury received "numerous requests". This is not surprising in light of the grant program's hiatus from 2014 to 2018 and its decrease in round one funding from \$13M in 2014 to \$3.7M in 2018.

Additionally, while Wade Trim received significant interest from contractors in the U.S. 31 N Sanitary Sewer Force Main project, the May 16, 2018 bid deadline arrived with no submissions. Please see the attached letter from Brian Sousa, Wade Trim Vice President, which documents and explains the results. In his analysis, the tight time frame outlined and proposed in response to the CGAP grant requirements seems to be a significant issue.

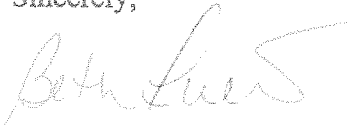
Many successful projects have their setbacks and this project is no exception. Yet, as experienced elected officials, we know the value of perseverance. Additionally, last week's break in the sewer line located near Five Mile and Holiday Roads provides an excellent illustration of the value of sewer lines which allow for redundancy and rerouting of wastewater. In light of this perspective and of our respective township boards' decisions, I have notified Brian Sousa to re-bid the project with a more reasonable project completion schedule.

Please refer to my earlier letter, dated March 21, 2018, for an outline of the project in accordance with our townships' agreement, *Sewer System Usage Agreement between Acme Township and East Bay Township*. As that letter served as notification of the project and understanding, please let this letter serve as notification as an update on the project.

U.S. 31 N Sanitary Sewer Force Main  
May 30, 2018  
Page 2 of 2

On behalf of the East Bay Charter Township Board of Trustees, we look forward to persevering with Acme Township in the worthwhile effort of planning and constructing wastewater infrastructure. Please feel free to contact me at any time with comments or questions on this issue of mutual importance.

Sincerely,



Beth Friend  
Supervisor

Enclosures:

March 21, 2018 East Bay Township Letter Re: U.S. 31 N Sanitary Sewer Force Main  
May 24, 2018 Wade Trim Letter Re: US-31 Force Main Rehabilitation Bidding Results  
May 25, 2018 Department of Treasury Letter Re: Competitive Grant Assistance Program FY 2018

cc: Acme Township Board of Trustees  
Gosling-Czubak  
East Bay Charter Township Board of Trustees  
Wade Trim, Inc.

Beth Friend, Supervisor  
Susanne M. Courtade, Clerk  
Tracey Bartlett, Treasurer



Mindy Walters, Trustee  
Glen Lie, Trustee  
Bryan Marrow, Trustee  
Andrea Hentschel, Trustee

March 21, 2018

*Sent via Email*

Jay Zollinger, Supervisor  
Acme Township  
6042 Acme Road  
Williamsburg, MI 49690

Re: U.S. 31 N Sanitary Sewer Force Main

Dear Jay,

It has been a pleasure working with Acme Township on the application for Michigan Department of Treasury's *Competitive Grant Assistance Program (CGAP)*, which was submitted on February 27, 2018. While the application outlines the joint cost-efficient, technology-driven rehabilitation of the U.S. 31 N sewer force main, the process of compiling the application itself was a beneficial collaborative project.

Like many municipalities across the state, we are awaiting the response of the CGAP Grant Panel. Though, as we have discussed at special meetings for each Acme Township (2/22/2018) and East Bay Charter Township (2/20/2018), this project is not dependent upon a grant award. As such and according to the *Sewer System Usage Agreement between Acme Township and East Bay Township*, this letter serves as notification of the project and understanding according to the aforementioned agreement. Based upon the discussion and understanding at the townships' special meetings, East Bay Charter Township approved and signed a contract for the U.S. 31 N sewer force main rehabilitation surveying, engineering, and construction phase services with Wade Trim, Inc. As you know from the grant application, final engineering is expected to be completed by mid-April with a bid opening in mid-May.

It is projected this project will be completed for \$600,000, rounded to the nearest ten-thousandth. Per the agreement, our townships share the cost based upon an established ratio of the line in conjunction with Lift Station #2 at 51.2% for Acme Township and 48.8% for East Bay Charter Township. The agreement outlines that the capital cost will be paid "...in cash or in annual installments over a period of five years or such other period as may be mutually agreed upon..." My understanding is Acme Township intends to pay for the cost in cash. If this is not accurate, please inform me as soon as possible for financial planning implications.

U.S. 31 N Sanitary Sewer Force Main

March 21, 2018

Page 2 of 2

On behalf of the East Bay Charter Township Board of Trustees, we look forward to continuing collaborative work with Acme Township for the prudent planning of wastewater infrastructure.

Sincerely,



Beth Friend

Supervisor

Enclosures: March 5, 2018 Proposal from Wade Trim, Inc.

Executed Agreement between East Bay Charter Township and Wade Trim, Inc.

Engineer's Estimate of Cost

cc: Acme Township Board of Trustees

Gosling-Czubak

East Bay Charter Township Board of Trustees

Wade Trim, Inc.



**ACME TOWNSHIP PLANNING COMMISSION MEETING  
ACME TOWNSHIP HALL  
6042 Acme Road, Williamsburg MI 49690  
June 11, 2018 7:00 p.m.**

**CALL TO ORDER WITH PLEDGE OF ALLEGIANCE at 7:00 p.m.**

**ROLL CALL: Members present:** K. Wentzloff (Chair), S. Feringa (Vice Chair), B. Balentine, D. Rosa, M. Timmins (Secretary), D. VanHouten, D. White

**Members excused:** none

**Staff present:** S. Winter, Planning & Zoning Administrator, V. Donn, Recording Secretary

**A. LIMITED PUBLIC COMMENT:** Limited Public Comment opened at 7:02 pm and closed at 7:02 pm with no public comment.

**B. APPROVAL OF AGENDA:**

**Motion by Timmins to approve agenda as presented, supported by White. Motion carried unanimously.**

**C. INQUIRY AS TO CONFLICTS OF INTEREST:**

White recuse himself from J. OLD BUSINESS, 1. Zoning Ordinance Amendment 046- Solar Energy Farms.

**D. SPECIAL PRESENTATIONS:**

**1. Short-Term Rentals – Wentzloff and Balentine**

Wentzloff and Balentine attended a seminar hosted by Networks Northwest to learn about the impact of the growing short-term rental industry and regulations. Wentzloff talked about specifics, percentages and types of rentals in Michigan and GT area that were given at the meeting. The seminar ended with a panel consisting of individuals from local industries who gave their perspectives on the topic.

**E. CONSENT CALENDAR:**

**1. RECEIVE AND FILE**

- a. Township Board Meeting Draft Minutes 06/05/18
- b. Parks and Trails Committee Meeting Draft Minutes 05/18/18

**2. ACTION:**

- a. Adopt Planning Commission Meeting Draft Minutes 05/14/18

Winter requested to remove 2. a. Adopt Planning Commission Meeting Draft Minutes 05/14/18 from the Consent Calendar to item F. 1. ITEMS REMOVED FROM THE CONSENT CALENDAR.

**Motion by Timmins to remove 2. a. Adopt Planning Commission Meeting Draft Minutes 05/14/18 from the Consent Calendar, supported by White. Motion carried unanimously.**

**F. ITEMS REMOVED FROM THE CONSENT CALENDAR:**

- 1. 2. Action, a. Adopt Planning Commission Meeting Draft Minutes 5/14/18, should be changed under J. Old Business: 1. Zoning Ordinance Amendment 049- Map Amendment, in the Motion to be carried by 6 instead of 5 and to include VanHouten.

**Motion by Timmins to approve the Planning Commission Meeting Draft Minutes 5/14/18 with correction under J. Old Business: 1. Zoning Ordinance Amendment 049- Map Amendment, the motion changed to carried by 6 instead of 5 and to include VanHouten, supported by Balentine.**



**G. Motion carried unanimously.**  
**CORRESPONDENCE:** None

**H. PUBLIC HEARINGS:** None

**I. NEW BUSINESS:** None

**J. OLD BUSINESS:**

**1. Zoning Ordinance Amendment 046 – Solar Energy Farms**

White recused himself from this topic.

Winter distributed to the board copies of an article from the Traverse City Record-Eagle pertaining to solar energy.

Winter informed version 2 of the draft zoning ordinance amendment has changes in 9.28.2 c. Setbacks, as discussed at the last meeting. New language was put in adding, at least 20 feet from side/rear property lines, and 50 feet on the front along a road right-of-way easement. Section 9.28.2, h. Landscaping has been modified based on a more prescriptive screen requirement with considerations to residential uses and districts. Section 9.28.3, 1. Township Review has been deleted from the draft per counsel's request.

It was decided after further discussions to amend the ordinance with the following for Version 3; 9.28.2 Standards c. Setbacks, change 500 feet to 200 feet from an existing residential dwelling, replace the word structure with dwelling, revise wording and add under h. Landscaping 3. Buffer, i. along the property line adjacent to all residential zoning districts, ii. If solar panels are located within two hundred (200) feet of a public road right-of-way., iii. Along the property line for the portion of the project within a two hundred (200) foot radius of a residential dwelling in a non-residential zoning district.

**Motion by Timmins to recommend the approval of the Zoning Ordinance Amendment 046 which will allow and regulate utility-grade solar energy farms to the Township Board as amended in the meeting and incorporate as Version 3 in the minutes, supported by Feringa. Motion carried by 6 (Balentine, Timmins, VanHouten, Wentzloff, Rosa, Feringa), recused White.**

**2. Capital Improvements Plan – Scoring**

Feringa gave a final CIP draft with one correction made to Acme Connector Trail (ACT) changing the estimated amount to \$220,838. The summary was ranked in priority with estimated costs for each project. The list is completed and ready to send to the Township Board for review.

**Motion by Balentine to send the Capital Improvements Plan with the correction to board, supported by VanHouten. Motion carried unanimously.**

**K. PUBLIC COMMENT & OTHER PC BUSINESS**

Public Comment opened at 8:30 pm and closed at 8:30 pm with no public comment.

- 1. Zoning Administrator Report - Shawn Winter:** Reported Beckett & Raeder and Acme Township have received an award from Improving Michigan's Access to Geographic Information Networks (IMAGIN) for the Acme Solar Suitability Analysis. The award will recognize Beckett & Raeder for GIS Innovation of the Year and Acme for being a municipal pioneer in solar suitability analysis through GIS. The award will be presented at the annual conference on June 19 at the Park Place. Winter added next week due to the construction at Bayside Park there will be one traffic lane closed.
- 2. Planning Consultant Report - John Iacoangeli:** No Report
- 3. Township Board Report – Doug White:** No Report
- 4. Parks & Trails Committee Report - Marcie Timmins:** No Report

**ADJOURN: Motion to adjourn by Timmins, supported by Balentine. Meeting adjourned at 8:34**



ACME TOWNSHIP PARKS & TRAILS MEETING  
 ACME TOWNSHIP HALL  
 6042 Acme Road, Williamsburg MI 49690  
 June 15<sup>th</sup>, 2018 8:30 a.m.

Draft  
minutes

**ROLL CALL:**

<b>Committee:</b>	x	Feringa	x	Heflin	x	Heffner	x	Jenema
	x	Smith	x	Timmins	x	Wentzloff		
<b>Advisory:</b>		Heinert		Kushman				
<b>Staff:</b>	x	Winter						

- A. **PUBLIC COMMENT:** Gordie LaPoint - 6375 Plum Drive - asked about trails in Yuba. Zollinger was there to answer the question.
- B. **APPROVAL OF AGENDA:** Motion to approve the agenda Timmins, 2nd. By Wentzloff motion carries.
- C. **INQUIRY AS TO CONFLICTS OF INTEREST:** none
- D. **CORRESPONDENCE:** none
- E. **ACTION:**
  - 1. Approve Draft Parks & Trails Minutes 05.18.18- Motion to approve the draft minutes from 5-18-18 Heflin, 2nd. Wentzloff. Motion Carries.
- F. **OLD BUSINESS:**
  - 1. Bayside Park Updates- Winter gave an update- construction schedule is on track
    - a. Solar Lighting- Winter attended a workshop and gave his feedback. Discussion followed on the benefits of solar lighting and the costs saved by not having to run electrical. Committee agreed that solar was a good option would like to pursue the solar lighting options with warm lighting instead of the cooler brighter lights.
    - b. Playground Grant Update- Winter went over the playground equipment that Jean would be pursuing grants for. Also went over the submission of the 2% grant for \$21,076 for the foot wash/drinking fountain and shade structure.
  - 2. Trail Updates
    - a. Acme Connector Trail – Engineering RFP- Winter gave an update- Meet with Dan Kelley, they now know where the trail will connect on his property. Ready to send out the RFP for the connector trail, Jenema will be taking this issue to the board to discuss. Believes Acme will hold the RFP, but may have TART review the paperwork. It will be up to the Board to ultimately decide. We would like the work done in Sept. so looking to get the RFP out asap. There is \$15,000 from the tribe, \$10,000 from Tart. Heffner asked about the Holiday Inn and if they still want a license, they do. Discussion followed.

Discussed the Yuba trails and the trails through Saylor park and Winter green. Heflin gave an update as to where Americorp and the conservancy where. Jake would still like to get to the trails in Yuba this fall. Discussed the Valiquette's land donation to make the trail in Yuba. Jenema didn't have much information on it, said that Zollinger held the most knowledge on the topic.

- b. TVC2CHX Trail – Project Update - Timmins update, Monday 6/18 is the first meeting with the contractors in Elk Rapids. Discussion followed.
- 3. 2018 Parks & Trails Project Goals- briefly discussed committee members were asked to bring back 3-7 ideas to the July meeting.  
Discussed signage- galvanized vs. aluminum. Galvanized still needs some maintenance as it will rust, aluminum does not. Benches come with plaques so none are needed for those. Discussed having the rules and regulations on one sign with a map below it. The signs will be changeable. Feringa will bring back fonts at the July meeting. The poles and frames of the signs, the committee agreed, would be silver. Will reach out to the watershed to see what should be written on the signs from them.

**G. NEW BUSINESS:**

- 1. Art In The Park- Smith discussed his findings. Jean gave her input; 1) keep it simple 2) use free traveling art 3) Look at ways to have developers contribute to art 4) look at what other Michigan communities are doing  
Discussion followed . Jenema will take it to the board to discuss at the July board meeting.
- 2. Bayside Park Dedication Ceremony- discussed Christy and Cathy will take the lead. Looking at the Saturday after Labor Day.

**H. PUBLIC COMMENT Heflin asked if the board accepted the park rules and regulations. Jenema said the board passed them with one adjustment**

**ADJOURN: Timmins 2nd. By Wentzloff, Motion to adjourn 10:07 motion carries**

Prepaid

Check Date	Bank	Check #	Payee	Description	GL #	Amount
06/06/2018	CHAS	24794	ACE HARDWARE	REPAIRS & MAINT	101-750-930.000	163.70
06/06/2018	CHAS	24795	AMERICAN WASTE	REPAIRS & MAINT	101-265-930.000	50.00
06/06/2018	CHAS	24796	CHARTER COMMUNICATIONS/SPECTRUM	CABLE INTERNET SERVICES	101-265-851.000	314.79
06/06/2018	CHAS	24797	CULLIGAN WATER, MCCARDEL	REPAIRS & MAINT	101-265-930.000	63.50
06/06/2018	CHAS	24798	DTE ENERGY	DTE GAS	101-265-922.000	119.59
06/06/2018	CHAS	24799	EPS	REPAIRS & MAINT	101-750-930.000	161.52
06/06/2018	CHAS	24800	GRAND TRAVERSE COUNTY -DPW	SEWER TOWNSHIP HALL	101-265-923.000	60.00
06/06/2018	CHAS	24801	KOPY SALES INC.	REPAIRS & MAINT	101-265-930.000	121.76
06/06/2018	CHAS	24802	PETTY CASH	PASSPORT FEES	101-000-465.000	6.85
		24802		POSTAGE FOR PASSPORTS	101-000-465.001	138.10
		24802		SUPPLIES & POSTAGE	101-101-726.000	6.42
						<u>151.37</u>
06/06/2018	CHAS	24803	PORCELAIN PATROL SERVICE	SUPPLIES & POSTAGE	101-265-726.000	295.00
06/06/2018	CHAS	24804	WYANT COMPUTER SERVICES	SOFTWARE SUPPORT & PROCESSIN	101-101-804.000	1,089.00
06/11/2018	CHAS	24805	MACKS GARAGE DOOR SERVICE & REP	REPAIRS & MAINT	101-750-930.000	832.50
06/19/2018	CHAS	24806	CHASE CARD SERVICES	SUPPLIES & POSTAGE	101-215-726.000	250.00
		24806		SUPPLIES & POSTAGE	101-265-726.000	7.47
		24806		REPAIRS & MAINT	101-750-930.000	715.29
						<u>972.76</u>
06/19/2018	CHAS	24807	CONSUMERS ENERGY	STREET LIGHTS	101-265-921.000	649.64
06/19/2018	CHAS	24808	ESCH LAWN	REPAIRS & MAINT	101-750-930.000	1,160.00
06/19/2018	CHAS	24809	GRAND TRAVERSE METRO ESA	CONTRACTED EMPLOYEE SERVICES	206-000-802.004	7,433.60
06/19/2018	CHAS	24810	MAILFINANCE	SUPPLIES & POSTAGE	101-101-726.000	154.17
06/19/2018	CHAS	24811	SHELL OIL COMPANY	REPAIRS & MAINT	101-750-930.000	174.08
06/19/2018	CHAS	24812	SONDEE, RACINE & DOREN, P.L.C.	ATTORNEY SERVICES	101-101-802.002	690.00
		24812		ATTORNEY SERVICES	101-410-802.002	1,350.00
						<u>2,040.00</u>
06/19/2018	CHAS	24813	TRAVERSE CITY RECORD EAGLE	PUBLICATIONS--TOWNSHIP BOARD	101-101-900.000	277.25
		24813		PUBLICATIONS--PLANNING & ZONING	101-410-900.000	107.50
						<u>384.75</u>
06/19/2018	SEWE	280	STERLING EXCAVATING INC.	CONSTRUCTION IN PROGRESS	590-000-158.000-089	52,849.55
06/19/2018	PARK	387	CHASE CARD SERVICES	PARKS & RECREATION EXPENDITURE	402-000-930.002-087	2,895.00

Check Date	Bank	Check #	Payee	Description	GL #	Amount
06/27/2018	CHAS	24814	CONSUMERS ENERGY	ELECTRIC UTILITIES TOWNHALL-6042	101-265-920.000	788.63
		24814		ELECTRIC UTILITIES TOWNHALL-5875	101-265-920.000	28.06
		24814		ELECTRIC UTILITIES TOWNHALL-5827	101-265-920.000	98.66
						915.35
06/27/2018	CHAS	24815	CONSUMERS ENERGY	STREET LIGHTS	101-265-921.000	148.81
06/27/2018	CHAS	24816	ELMERS CRANE & DOZER	REPAIRS & MAINT	101-750-930.000	7,590.00
06/27/2018	CHAS	24817	GREATAMERICA FINANCIAL SVCS	SOFTWARE SUPPORT & PROCESSIN	101-101-804.000	311.65
06/27/2018	CHAS	24818	JML DESIGN GROUP	ENGINEERING SERVICES	101-101-803.003	4,563.30
06/27/2018	SEWE	281	GRAND TRAVERSE COUNTY	OPERATING & MAINT EXP	590-000-956.001	28,014.16
		281		HOCH ROAD #697 EXP	590-000-956.003	17.80
		281		OPERATING & MAINT EXP	591-550-956.001	1,544.26
						29,576.22
TOTAL - ALL FUNDS				TOTAL OF 28 CHECKS		115,241.61

--- GL TOTALS ---

101-000-465.000	PASSPORT FEES	6.85
101-000-465.001	POSTAGE FOR PASSPORTS	138.10
101-101-726.000	SUPPLIES & POSTAGE	160.59
101-101-802.002	ATTORNEY SERVICES	690.00
101-101-803.003	ENGINEERING SERVICES	4,563.30
101-101-804.000	SOFTWARE SUPPORT & PROCESSIN	1,400.65
101-101-900.000	PUBLICATIONS	277.25
101-215-726.000	SUPPLIES & POSTAGE	250.00
101-265-726.000	SUPPLIES & POSTAGE	302.47
101-265-851.000	CABLE INTERNET SERVICES	314.79
101-265-920.000	ELECTRIC UTILITIES TOWNHALL	915.35
101-265-921.000	STREET LIGHTS	798.45
101-265-922.000	DTE GAS	119.59
101-265-923.000	SEWER TOWNSHIP HALL	60.00
101-265-930.000	REPAIRS & MAINT	235.26
101-410-802.002	ATTORNEY SERVICES	1,350.00
101-410-900.000	PUBLICATIONS	107.50
101-750-930.000	REPAIRS & MAINT	10,797.09
206-000-802.004	CONTRACTED EMPLOYEE SERVICES	7,433.60
402-000-930.002-087	PARKS & RECREATION EXPENDITURE	2,895.00
590-000-158.000-089	CONSTRUCTION IN PROGRESS	52,849.55
590-000-956.001	OPERATING & MAINT EXP	28,014.16
590-000-956.003	HOCH ROAD #697 EXP	17.80
591-550-956.001	OPERATING & MAINT EXP	1,544.26
	TOTAL	115,241.61

INVOICE REGISTER REPORT FOR ACME TOWNSHIP  
 POST DATES 07/10/2018 - 07/10/2018  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

To Be Approved

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
06/05/2018							
8900	DAN HELSEL'S TREE SERVICE TREE REMOVAL IN YUBA CEMETERY 101-750-930.000	07/10/2018 CRISTY DANCA REPAIRS & MAINT	07/10/2018	3,000.00 3,000.00	3,000.00	Open	N 07/10/2018
549							
8901	NORTHSHORE DOCK YUBA PARK LAUNCH DOCK 101-750-930.000	07/10/2018 CRISTY DANCA REPAIRS & MAINT	07/10/2018	300.00 300.00	300.00	Open	N 07/10/2018
1335							
8902	BILL SPEARMAN INSTALLED BUOYS AT TWP PARKS 101-750-930.000	07/10/2018 CRISTY DANCA REPAIRS & MAINT	07/10/2018	480.00 480.00	480.00	Open	N 07/10/2018
JULY 15, 2018							
8903	GRAND TRAVERSE REGIONAL LAND SERVICE AGREEMENT 225-000-802.004	07/10/2018 CRISTY DANCA CONTRACTED EMPLOYEE SERVICES	07/10/2018	7,500.00 7,500.00	7,500.00	Open	N 07/10/2018
18-32189							
8905	GOVERNMENTAL BUSINESS SYS GBS ABSENTEE VOTER ENVELOPES FOR OUTGO 101-191-726.000	07/10/2018 CATHY DYE SUPPLIES & POSTAGE	07/10/2018	601.52 601.52	601.52	Open	N 07/10/2018
102246							
8906	KWIK PRINT WINDOW AND PLAIN ENVELOPES 101-265-726.000	07/10/2018 CATHY DYE SUPPLIES & POSTAGE	07/10/2018	175.02 175.02	175.02	Open	N 07/10/2018
S-28208							
8907	K & K SERVICE ON AIR CONDITION UNIT IN T 101-265-930.000	07/10/2018 CATHY DYE REPAIRS & MAINT	07/10/2018	185.00 185.00	185.00	Open	N 07/10/2018
6075							
8908	NORTHWOODS PRINTER SAYLOR PARK BOAT LAUNCH PASSES 101-750-726.000	07/10/2018 CATHY DYE SUPPLIES & POSTAGE	07/10/2018	278.00 278.00	278.00	Open	N 07/10/2018
48609							
8912	BAIRD, COTTER & BISHOP, P.C. CPA ASSISTANCE 101-101-801.001	07/10/2018 CATHY DYE INTERNAL ACCOUNTANT	07/10/2018	255.00 255.00	255.00	Open	N 07/10/2018

INVOICE REGISTER REPORT FOR ACME TOWNSHIP  
 POST DATES 07/10/2018 - 07/10/2018  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
26284 8913	K & K FURNACE REPAIR 101-265-726.000 SUPPLIES & POSTAGE	07/10/2018 CATHY DYE	07/10/2018	85.00 85.00	85.00	Open	N 07/10/2018
1753038-0 8921	INTEGRITY BUSINESS SOLUTIONS COPY PAPER 101-265-726.000 SUPPLIES & POSTAGE	07/10/2018 CATHY DYE	07/10/2018	59.98 59.98	59.98	Open	N 07/10/2018
06/14/2018 8923	GINOP SALES LAWNMOWER TIRE REPAIR 101-750-930.000 REPAIRS & MAINT	07/10/2018 CRISTY DANCA	07/10/2018	75.33 75.33	75.33	Open	N 07/10/2018
24414 8924	NORTHERN MICHIGAN JANITORIAL S TRASH BAGS 101-750-930.000 REPAIRS & MAINT	07/10/2018 CRISTY DANCA	07/10/2018	569.95 569.95	569.95	Open	N 07/10/2018
80483, 80484 8928	GOSLING CZUBAK ENGR ENGINEERING SERVICES 590-000-158.000-089 590-000-803.003 CONSTRUCTION IN PROGRESS ENGINEERING SERVICES	07/10/2018 CRISTY DANCA	07/10/2018	9,639.00 6,550.00 3,089.00	9,639.00	Open	N 07/10/2018
700017 8929	GRD TRAV COUNTY ROAD COMM DUST CONTROL 1ST APPLICATION 101-000-998.000 GT COUNTY ROAD COMMISION TART	07/10/2018 CRISTY DANCA	07/10/2018	1,296.00 1,296.00	1,296.00	Open	N 07/10/2018
1050324 8932	ELECTION SYSTEMS & SOFTWARE THERMAL PAPER ROLLS FOR ELECTION T 101-191-726.000 SUPPLIES & POSTAGE	07/10/2018 CRISTY DANCA	07/10/2018	22.61 22.61	22.61	Open	N 07/10/2018
86878 8933	PRESTO DIRECT, LLC NOTARY PUBLIC EMOBOSSERS (2) FOR D 101-215-726.000 101-253-726.000 SUPPLIES & POSTAGE SUPPLIES & POSTAGE	07/10/2018 CRISTY DANCA	07/10/2018	66.99 33.50 33.49	66.99	Open	N 07/10/2018
24454 8934	NORTHERN MICHIGAN JANITORIAL S FIDO TRASH BAGS 101-750-930.000 REPAIRS & MAINT	07/10/2018 CRISTY DANCA	07/10/2018	119.92 119.92	119.92	Open	N 07/10/2018

INVOICE REGISTER REPORT FOR ACME TOWNSHIP  
 POST DATES 07/10/2018 - 07/10/2018  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date
GL Distribution							
# of Invoices:	18	# Due:	18	Totals:	24,709.32	24,709.32	
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00	
Net of Invoices and Credit Memos:					<u>24,709.32</u>	<u>24,709.32</u>	

--- TOTALS BY FUND ---

101 - GENERAL FUND	7,570.32	7,570.32
225 - FARMLAND PRESERVATION	7,500.00	7,500.00
590 - ACME RELIEF SEWER	9,639.00	9,639.00

--- TOTALS BY DEPT/ACTIVITY ---

000 -	18,435.00	18,435.00
101 - TOWNSHIP BOARD OF TRUSTEES	255.00	255.00
191 - ELECTION EXPENDITURES	624.13	624.13
215 - CLERK'S EXPENDITURES	33.50	33.50
253 - TREASURER'S EXPENDITURES	33.49	33.49
265 - TOWNHALL EXPENDITURES	505.00	505.00
750 - MAINT & PARKS EXPENDITURES	4,823.20	4,823.20



3860 North Long Lake Rd. Suite D  
Traverse City, MI 49684-7204  
tel: 231.929.7911  
fax: 231.929.0433  
email: [info@gtrlc.org](mailto:info@gtrlc.org)  
web: [www.gtrlc.org](http://www.gtrlc.org)

Love the land. *Pass it on.*

June 19, 2018

Acme Township  
6042 Acme Rd  
Williamsburg, MI 49690

Dear Jay Zollinger,

I'm pleased to inform you that the annual monitoring of your conservation easement has been completed. This year your property was monitored from the air. Photos were taken of the property from approximately 2000ft and reviewed in the office. Aerial monitoring will occur on biennial cycle, with priority for on the ground visits and follow up if needed. Please let me know if you are interested in viewing the aerial monitoring photos.

I have enclosed a copy of the monitoring report for your records. If you have any questions about the report or your easement in general please do not hesitate to contact me. I can be contacted at 231-929-7911 or via email at [cgarrock@gtrlc.org](mailto:cgarrock@gtrlc.org).

Sincerely,

A handwritten signature in blue ink that reads "Chris Garrock".

Chris Garrock  
Conservation Easement Steward

Enclosure





## Conservation Easement Monitoring Report

**Conservation Easement Name:** Deepwater Point

**Date of inspection:** 05/18/2018

**Primary Participant of monitoring visit:** Our Friends at Acme Township

**Type of contact:** Letter

**Secondary Participant of monitoring visit:**

**Brief description of property inspection:** The property was monitored from the air. The property was flown and observed from approximately 2000ft above ground. Photo documentation of the property was gathered during the flight and reviewed after. No major changes to the property were documented.

**Does the landowner have specific questions about the terms of the Conservation Easement? If so, please describe:** None at this time.

**Please list any substantial changes to the property that have occurred from natural causes, and the location of the changes:** None noted at this time.

**Please list and describe an unnatural alteration of the property not expressly permitted by the Conservation Easement:** None noted at this time.

### Attachments

Photos:

Maps:

Other:

I the Easement Monitor have read the above Conservation Easement Monitoring Report and acknowledge that the property has been inspected for the year listed under Date of inspection on this form and is in accordance with the monitoring terms set forth in the baseline documentation report and conservation easement agreement for this property.

**Monitor Name:** Chris Garrock

**Monitor Signature:**

**Date:**

A handwritten signature in cursive script that reads "Chris Garrock".

6-9-2018

Please remember to contact your easement steward prior to implementing any reserved rights including the sale of your property.

3860 N. Long Lake Rd, Suite D  
Traverse City, MI 49684  
(231) 929-7911



To: Acme Township Planning Commission  
From: Brian Kelley, Acme Township

June 11, 2018

Subject: Solar ordinance

Good evening,

I have reviewed the audio recordings and minutes from the recent PC meetings regarding the Solar power ordinance. Thank you for your diligence in examining the many potential impacts.

I support Solar power in Acme where it is appropriate and does not have an impact on our Rural Character, watershed, and water quality.

Based on the audio of past meetings, I have some concerns that I hope you will address. I apologize for the length of this letter.

#### GLARE

At a recent PC meeting panel glare concerns were dismissed as an issue due to anti-reflective coatings. While there are coatings, they are not entirely effective. I recently drove by the Elmwood township solar array and the glare at 7:30AM from the road was tremendous. That glare, at a different time of day, could likely be seen from a great distance. A quick google search shows countless cases where solar installation glare has caused problems.

Also, the anti-reflective coatings degrade over time. Supplemental coatings can be added, but they are not as effective as the original factory coatings. Has the glare issue truly been solved by this ordinance, given the hilly topography of our township?

#### RURAL CHARACTER

Our Master Plan, Community Survey and residents place a great deal of importance on protecting Rural Character. We have an agri-tourism ordinance, and we pay a PDR millage. Open space preservation is also a priority in our ordinances.

Solar panels can only be consistent with those goals and values if are not consistent with those values unless they are located where they will

#### PDR-like Scoring model of visual impact

I understand the PDR ordinance implements a scoring system to evaluate properties for Purchase of

Development Rights. Perhaps each solar installation could be similarly scored for visual and other impact? Beckett and Raider have demonstrated the ability to do GIS modeling of potential solar installations. That same system should be able to similarly model the locations in the township where a particular array will be visible, including the effectiveness of vegetative or landscape buffers.

This system can also model the impact and location of glare throughout the day and calendar year. Maps could be produced showing the potential impact.

## SUBSTATION DISTANCE IS NOT A SUFFICIENT LIMIT

Time and again we hear that the distance to the substations is a sufficient regulatory control. Is it really? In the Thumb area of Michigan, Huron County, the distribution grid has been specifically expanded to service many wind towers. A similar collective could happen here, with sharing of transmission cables and infrastructure.

"We think it is too far from the substation" is not a sufficient regulatory protection for our community.

## Research on solar use of Ag properties

North Carolina State University has extensively researched factors relating to solar power generation on agricultural land. An excellent paper on the topic has been produced, "Considerations for Transferring Agricultural Land to Solar Panel Energy Production".

That paper is available here:

<https://craven.ces.ncsu.edu/considerations-for-transferring-agricultural-land-to-solar-panel-energy-production/>

## STORM WATER

Storm water controls for these panel installations can be complicated. Water runs off the panels in sheets, forming a drip line. That drip line can cause erosion and potential runoff [1]

Construction of the solar arrays compacts soil and can compromise permeability.

How will that be handled in the ordinance?

## WEED CONTROL

Weed control around panels is often done with intense use of herbicides. Installations near the creek and wetlands must be protected from these uses. I do not believe the Right to Farm Act covers these

installations.

## NOISE

The ordinance specifies a dB limit for noise. Solar arrays convert DC electricity to AC electricity using "inverters". Does the dB limit in the ordinance result in truly silent operation at the property line? Will anyone need to accept having the sound of crickets and frogs replaced with a buzz or high frequency inverter carrier sound? Who will make those measurements?

## 5 to 10 Acre systems EVERYWHERE

At the April 9, 2018 PC meeting Jeremy Jones of Prism Partners solar gave a presentation on their large installation plans. He said that "5 to 10 acre systems can be put everywhere."

Those smaller systems have no substation direct connect limitation. The concern is they can be connected to power poles throughout our township. To cut down on costs there is the potential that they would be located close to roadways and power poles.

How will they be limited in the ordinance? What prevents our township from being over-run with those smaller systems? Ten acres is a lot of area.

Public Informed?

Is the Acme public sufficiently informed on this issue? There was one Public Hearing, very early on in the process. But does the community really know the potential impact? Was that sufficient? The Record Eagle did an article on this but failed to mention the significant size of the mentioned projects - 160 acres on an Ag parcel, and 100 acres in the business district.

Landscape and Vegetative buffers sufficient?

Promised landscape and vegetation buffers have failed in the recent past. John Iacoangelli told us the outdoor storage area of Tractor Supply would be hidden by a landscape buffer. To date there have been three or four tiny shrubs planted in the corner. Mr. Iacoangelli also told us the berm in front of the store would hide the cars in the parking lot. Specifically, that we probably would not be able to see cars in the parking lot from M72. The reality is you can see the stripes in the parking lot from M72.

Other Communities pausing

The Thumb area of Michigan, Huron County, has just passed their second one year moratorium on Solar. That region of Michigan is the largest concentration of wind towers in Michigan. They are

extremely experienced with alternative energy and the potential disruption. They are moving very slowly on this, and they have serious concerns about the loss of agriculture.

Thank you.

Brian Kelley

[1] Considerations for Transferring Agricultural Land to Solar Panel Energy Production. North Carolina State University

"The goal of fertilization should be to provide adequate nutrients to establish the desired ground cover. Poor ground cover, in a worst case scenario, may result in sheet flow erosion as large quantities of water rush off of the solar panels during heavy storm events. Even frequent, yet less heavy rainfall events may create a dripline directly beneath the individual panels that may cause a shift in equipment angle. If this occurs, restoring the eroded land and prevention of runoff into surrounding surface waters will be the responsibility of the landowner or contractor/developer, depending upon the designation made within the contract."

<https://craven.ces.ncsu.edu/considerations-for-transferring-agricultural-land-to-solar-panel-energy-production/>

## Shawn Winter

---

**From:** Robert Garvey <bobgarvey@me.com>  
**Sent:** Wednesday, June 13, 2018 11:47 AM  
**To:** Shawn Winter  
**Subject:** Solar Farms

Hi Shawn,

I just wanted to reduce some of my thoughts to letter format .

First , I generally support the movement toward alternatives to fossil fuels .

I have not read the Master Plans of many communities other than our own but I suspect that ours is unique . I suspect that's because the nature of our soils , topography , forests and view sheds are unique . We live in a beautiful area . Our Master plan reflects great concern for preserving that beauty .

I'm sure there are many areas of our state where solar farms would be welcomed generally . Places where topography and view sheds are not beautiful or unique . Places with large tracts of open land where people aren't necessarily attracted to the beauty or uniqueness of the place . Places where people don't travel across the State or Nation to spend their money as tourists.

I know we want to attract business to our area. But just because someone can make money on a business concept doesn't mean we need to allow it or that the "fit" is necessarily consistent with the goals of our Master Plan .

If we allow this use, someone who came to our community for the beauty of the area will be forced to look at it . It could be any one of you . Ask yourselves , would you like to be looking at one of these solar farms from your yard , your porch or out your windows ? I doubt you would.

like I said , there are places where it wouldn't matter . It matters in Acme .

Once you allow it , how do you control it ? Do you formulate a ranking of properties like we do with land competing for PDR funds ? But why even create that problem for yourselves ? If you aren't forced to allow it why do it ?

I am told that some communities that do allow it in their Ag districts hire solar consultants to advise their decision makers on how best to protect the rights of those in the community not benefiting financially from the solar farms . Have we hired such a person ? I am told that some communities require generous setbacks, limits on impervious surfaces [ particularly where the farms are adjacent to creeks, rivers or lakes ] and require the owners to capture and filter runoff waters. Apparently there is a noise component that may need to be addressed because of the chronic low level noise that these farms emit .

I guess I am not convinced that this use of farmland is a good use for our community . Yes a few people will make money but that doesn't necessarily make it a desirable use .

Thank you for listening . Sincerely,

Bob Garvey

[ Please read my correspondence aloud at the meeting. Thank you. ]

To: Acme Township Trustees  
From: Brian Kelley, Acme resident  
Subject: Proposed Solar ordinance

July 10, 2018

Good evening,

At a Planning Commission meeting earlier this year, Zoning Administrator Shawn Winter estimated that approximately 90 acres of commercial solar could satisfy all of the present residential needs in the township. It would be great if solar energy from within our township could offset our use of electricity.

How much is appropriate, especially on Ag properties outside of Commercial and Industrial zoned areas? What is an appropriate balance of this land use in our community, to protect the Rural Character and property values?

Our Master Plan did not foresee this situation.

### **Noise Limit**

The proposed ordinance allows a sound limit of 60dB-A at the property line. Shawn Winter says that level was taken from other ordinances. I asked Shawn how loud 60dB-A is compared to birds, crickets and other rural sounds. He said it did not come up in the planning process, and he did not know.

60dB-A is commonly described by references as "Heavy road traffic at 300 feet". References describe "Quiet Rural Night " as 30dB-A, and "Quiet Urban Daytime" as 50dB-A. Please see the attached reference on dB-A levels. Some large solar arrays include generators, HVAC cooling systems and battery power storage.

Does the 60dB-A limit sufficiently protect Rural Character? Should the limit be different in Industrial and Commercial areas vs. Ag?

How will sound levels be measured and enforced if noise is perceived to increase after installation, due to equipment problems or replacement?

## **Abandoned not defined**

The proposed ordinance does not define "Abandoned". Discussions of this topic suggest a definition that includes "ceasing to produce power for sale" or similar.

## **Types of Systems**

I confirmed with Shawn Winter that all of the discussion of the ordinance at the Planning Commission focused on photovoltaic solar arrays. However, the ordinance language allows any type of solar power, including light concentrating forms that are reputed to kill large numbers of birds, and also experimental types of any kind.

Since those alternate types were not part of the discussion or planning process, should they be removed from the ordinance? Allowance for additional types can be added when there is demand and specifics are known.

## **How much solar?**

We have heard assumptions that substation proximity will limit 'solar sprawl' in the township, but those are just assumptions. The Thumb area of Michigan has electrical distribution networks that were created specifically for wind generation, and the same could happen here. As previously mentioned, Prism Partner's expert said we could see 5 to 10 acre systems "All over the place". Is that appropriate?

Thank you,  
Brian Kelley



## Typical Noise Levels

Common Outdoor Activities	dBA	Common Indoor Activities
Jet Engine, 300m (100ft)	<b>110</b>	Rock Band
Gas Lawn Mower, 1m (3ft)	<b>100</b>	
Diesel Truck, 15m (50ft) at 80km/hr (50 mph)	<b>90</b>	Food Blender, 1m (3ft)
Noisy Urban Area, Daytime	<b>80</b>	Garbage Disposal, 1m (3ft)
Gas Lawn Mower, 30m (100ft)	<b>70</b>	Vacuum Cleaner, 3m (10ft)
Commercial Area	<b>60</b>	Normal Speech, 1m (3ft)
Heavy Traffic, 90m (300ft)	<b>50</b>	Large Business Office
Quiet Urban Daytime	<b>50</b>	Dishwasher Next Room
Quiet Urban Nighttime	<b>40</b>	Theater, Large Conference Room (Background)
Quiet Suburban Nighttime	<b>30</b>	Library
Quiet Rural Nighttime	<b>20</b>	Bedroom at Night, Concert Hall (Background)
	<b>10</b>	Broadcast/Recording Studio
Lowest Threshold of Human Hearing	<b>0</b>	Lowest Threshold of Human Hearing

Figure 1

Source: Caltrans, District 11

RESOLUTION NO.: \_\_\_\_\_

**RESOLUTION TO VERIFY AND CONFIRM SUPPORT AND APPROVAL FOR  
THE REGIONAL ASSET INVENTORY AND GIS MAPPING PROJECT THAT  
INCLUDES THE CGAP GRANT APPLICATION AND GRANT AWARD**

At a regular meeting of the Board of Trustees of the Township of Acme held at the Township Hall at 6042 Acme Road, Williamsburg, Michigan on the 10<sup>th</sup> day of July 2018, at 7:00 p.m. Eastern Standard Time there were:

PRESENT: \_\_\_\_\_  
\_\_\_\_\_

ABSENT: \_\_\_\_\_

The following preamble and resolution were offered by \_\_\_\_\_ and supported by \_\_\_\_\_.

**Whereas** the Grand Traverse County Board of Public Works (BPW) authorized the Department of Public Works (DPW) to submit an application for the Competitive Grant Assistance Program (CGAP) made available by the Michigan Department of Treasury – Revenue Sharing and Grants Division (Treasury) for a project entitled *Regional Asset Inventory and GIS Mapping* (Project) with a budget of \$113,750;

**Whereas** the DPW received **Notification of Intent to Award** from the Treasury in a letter dated May 25, 2018 for a grant award in the maximum amount of \$113,500;

**Whereas** the DPW provides direct management and operation of township water and/or sewer systems through contract with five (5) townships; four within Grand Traverse County (Acme, East Bay, Garfield, Peninsula) and one in Leelanau County (Elmwood);

**Whereas** the township has previously approved this project through the budget process;  
and

**Whereas** the township wishes to verify and confirm its support for the *Regional Asset Inventory and GIS Mapping Project* and budget, the application for the CGAP grant, and the grant funding;

**Now, therefore, be it resolved as follows:**

1. Acme Township acknowledges its participation in the BPW;

2. Acme Township supports the *Regional Asset Inventory and GIS Mapping Project* and budget; and
3. Acme Township supports the CGAP Grant application and the award amount.

A vote on the foregoing resolution was taken and was as follows:

AYES: \_\_\_\_\_

\_\_\_\_\_

NAYS: \_\_\_\_\_

\_\_\_\_\_

RESOLUTION DECLARED ADOPTED.

**CERTIFICATION**

STATE OF MICHIGAN)  
  ) SS  
COUNTY OF GRAND TRAVERSE)

The undersigned, being the duly qualified and acting Clerk of the Township of Acme, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a regular meeting held on July 10<sup>th</sup>, 2018 at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records of the proceedings of the Board of Trustees in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Signed \_\_\_\_\_

Clerk, Township of Acme



STATE OF MICHIGAN  
DEPARTMENT OF TREASURY  
LANSING

RICK SNYDER  
GOVERNOR

NICK A. KHOURI  
STATE TREASURER

May 25, 2018

John Divozzo  
DPW Director  
Grand Traverse County Board of Public Works  
2650 Lafranier Road  
Traverse City, MI 49686

Dear Mr. Divozzo:

Re: **Notification of Intent to Award - CGAP FY 2018**

The Michigan Department of Treasury (Treasury) – Revenue Sharing and Grants Division received your grant application for the Competitive Grant Assistance Program (CGAP). We are pleased to inform you that the project your governmental unit submitted entitled ***Regional Asset Inventory and GIS Mapping*** has been selected for a grant award in the maximum amount of ***\$113,750.00***.

Enclosed is the intent to award approved budget for your grant project.

**Grant Application Conditions**

For your reference, enclosed is a copy of the CGAP Information and Conditions. Please review the conditions of the grant award. The conditions contain important information pertaining to the grant award (i.e. requirements for final award, reporting, reimbursement, etc.). Reminder, grant funds are distributed on a reimbursement basis.

**Next Step**

To receive the Grant Notice of Final Award, Treasury must receive all the required Board Resolution(s), Board Meeting Minutes, or Inter-local Agreements for all participating local units (as indicated in the Conditions of the grant application packet) by Friday, July 27, 2018. **If the resolutions, minutes or agreements have not been received for all participating local units, the project funding will be subject to automatic cancellation.**

Submission of the resolutions, minutes or agreements will be considered an agreement to all provisions specified in the grant application packet and this intent to award letter, and will signify acceptance of the grant award.

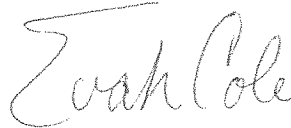
Grand Traverse County Board of Public Works  
May 25, 2018  
Page 2

Please send the required documents by e-mail to [TreasRevenueSharing@michigan.gov](mailto:TreasRevenueSharing@michigan.gov) or by mail to:

Michigan Department of Treasury  
Revenue Sharing and Grants Division  
PO Box 30722  
Lansing, MI 48909

Congratulations to you on the grant award. We appreciate your interest in the CGAP and look forward to working with you on this project. We ask that you inform all participating local units of this intent to award. If you have any questions, please let us know. We can be reached at (517) 373-2697.

Sincerely,



Evah Cole, Division Administrator  
Revenue Sharing and Grants Division

Enclosures

Grand Traverse County Board of Public Works  
 May 25, 2018  
 Enclosure: Intent to Award Approved Budget Amounts

**Regional Asset Inventory and GIS Mapping**

Below is the approved budget for your grant project. Please note, all feasibility studies were funded at 25%. We have assigned budget categories to each of your original budget line items. Please use these categories when submitting your reimbursement requests\*.

Budget Category	Budget Description	Application Budget Amount	Intent to Award Budget Amount	Comments
	Contracted Services Phase 1	\$ .00	\$ .00	
Contracted Services	Contracted Services Phase 2	\$47,250.00	\$47,250.00	
Contracted Services	Contracted Services Phase 3	\$105,900.00	\$37,000.00	
Infrastructure/Equipment	Equipment Costs Phase 3	\$27,000.00	\$27,000.00	
Training	Training Phase 3	\$2,500.00	\$2,500.00	
	<b>Budget Total</b>	<b>\$182,650.00</b>	<b>\$113,750.00</b>	

\*Reimbursement requests must include copies of invoices and cancelled checks (or equivalent) supporting the costs.

## Competitive Grant Assistance Program (CGAP) Application (FY 2018)

Issued under authority of 2013 Public Act 59

### GENERAL INFORMATION

#### Program Purpose:

The purpose of the grant program is to provide incentive-based grants to stimulate smaller, more efficient government and encourage mergers, consolidations, and cooperations between two or more qualified jurisdictions. The grants are to offset the costs associated with mergers, interlocal agreements, and cooperative efforts for cities, villages, townships, counties, authorities, school districts, intermediate school districts, public community colleges, and public universities that elect to combine government operations. The program is focused on stimulating projects between two or more qualified jurisdictions that are creating new mergers, consolidations, and/or cooperative efforts/collaborations of existing services.

#### Goals of the Program:

To assist local units of government, including authorities, school districts, intermediate school districts, public community colleges, and public universities, with the costs associated with combining government operations.

#### Eligibility:

All Michigan cities, villages, townships, counties, authorities, school districts, intermediate school districts, public community colleges, and public universities. For an authority, school district, intermediate school district, public community college, or public university to qualify for grant funding under this program, the authority, school district, intermediate school district, public community college, or public university must combine operations with a city, village, township, or county.

#### Criteria:

- A completed application with detailed information
- Merger of two or more governmental units
- Consolidation of departments and/or existing services across 2 or more governmental units
- Cooperative effort or collaboration of 2 or more governmental units
- Consolidated or combined government operations must demonstrate taxpayer benefits of cost savings, efficiencies, and/or improved services
- The governmental unit must demonstrate how budgeted costs directly relate to and are necessary for implementation of the merger, consolidation, or cooperative effort
- Priority will be given to projects that start after October 1, 2013
- Projects are funded on a reimbursement basis

#### Application Process:

An application process will be used to solicit proposals for these grants. Applications must be complete and received by the March 2nd deadline to be considered for funding. The submission of an application does not guarantee a grant award. Additional information about the grant program is available on the Michigan Department of Treasury's website at: [http://www.michigan.gov/treasury/0,4679,7-121-1751\\_2197\\_58826\\_62422---,00.html](http://www.michigan.gov/treasury/0,4679,7-121-1751_2197_58826_62422---,00.html)

#### Project Clarification:

During the application review process, applicants may be contacted for clarification. The Michigan Department of Treasury reserves the right to award funds for an amount other than requested.

#### Selection Procedures:

Applications will be selected for funding by the Michigan Department of Treasury based on program purpose, goals of the program, eligibility, and criteria. Starting in March, the grant panel will begin reviewing any grant applications submitted. Qualified grants may be awarded on a rolling basis.

#### Notification Process:

Applications selected for a grant award will receive a Notification of Intent to Award from the Michigan Department of Treasury within ninety (90) days of the grant deadline. However, additional time may be required depending on the number of applications received. Final Award letters will be sent to approved grantees, once the Michigan Department of Treasury has received all the required Board Resolution(s), Board Meeting Minutes, or Inter-local Agreement(s).

## Competitive Grant Assistance Program (CGAP) Application (FY 2018)

Issued under authority of 2013 Public Act 59

### GENERAL INFORMATION CONTINUED

**Deadline:**

March 2, 2018.

Completed applications submitted via mail or e-mail must be received by the Michigan Department of Treasury no later than 11:59 p.m. on Friday, March 2, 2018. Incomplete applications may not be considered.

A signed and completed application (including attachments) can be submitted by e-mail to:

[TreasRevenueSharing@michigan.gov](mailto:TreasRevenueSharing@michigan.gov)

or by mail to:

Michigan Department of Treasury  
Revenue Sharing and Grants Division  
PO Box 30722  
Lansing, MI 48909

**Timelines:**

A project can be in any phase of the consolidation process, but priority will be given to projects started after October 1, 2013.

**Grant Period:**

October 1, 2013 through September 30, 2018.

**FY 2014 Appropriation Amount Available (Min./Max.):**

Approximately \$3.7 million in funding will be available for the Michigan Department of Treasury to award.

**Source of Funds:**

The Competitive Grant Assistance Program is supported by revenues from the state sales tax.

**Confidentiality:**

Application information is public information under the Freedom of Information Act, Public Act 442 of 1976, as amended (MCL 15.231 to 15.246).

**Contact:**

For questions regarding the Competitive Grant Assistance Program, please contact the Michigan Department of Treasury, Revenue Sharing and Grants Division, at (517) 373-2697.



## Competitive Grant Assistance Program (CGAP) Application (FY 2018)

Issued under authority of 2013 Public Act 59

### CONDITIONS

#### Implementation of Project:

The grantee agrees to submit Board Resolution(s), Board Meeting Minutes, or Inter-local Agreement(s) for all jurisdictions participating in the project, indicating approval of the project and Competitive Grant Assistance Program grant funding, within sixty (60) days following the Michigan Department of Treasury's Notification of Intent to Award or be subject to automatic cancellation of the grant. No grant funding will be released until all required resolutions, minutes or agreements have been received.

#### Project Clarification:

The Michigan Department of Treasury reserves the right to award funds for an amount other than that requested and/or request changes to, or clarification of any and all applications received.

Prior to executing any changes to the scope of the project, the selected grantee(s) must inform (in writing) the Michigan Department of Treasury of the proposed changes. The department will notify the grantee(s) within thirty (30) days, whether or not the project changes fall under the original grant award.

#### Eligible Expenditures:

Up to 25% of shared service analysis and up to 100% of the following expenditures: legal fees, voting costs, office supplies, infrastructure and equipment and other expenditures as approved by the Michigan Department of Treasury.

#### Ineligible Expenditures:

- Expenditures for the completion and submission of the CGAP application or for any compliance reporting documentation for the grant.
- Expenditures for the renegotiation of collective bargaining agreements, unless those agreements had to be reopened as part of completing the proposed project.

#### Expenditures:

1. The grantee understands and agrees that all expenditures from the grant will:
  - Be used to ensure efficient administration of the project.
  - Be permissible under state and federal law and consistent with statewide policies, regulations, and practices.
  - Be adequately supported by source documentation, including invoices, cancelled checks and electronic payment confirmations.
  - Only be for items that are necessary for the merger, consolidation, or cooperative effort/collaboration.
2. The grantee agrees to use the approved purchasing practices and bid procedures required by the "Primary Applicant" for expenditures involving project activity.
3. The grantee agrees to maintain accounting records following generally accepted accounting principles for the expenditure of grant funds. The grantee agrees to record all revenues and expenditures in a fund or account separate from the grantee's other funds or accounts.
4. The grantee agrees to maintain all documentation for costs incurred for a seven-year period following the final Michigan Department of Treasury payment for the project.

## Competitive Grant Assistance Program (CGAP) Application (FY 2018)

Issued under authority of 2013 Public Act 59

### CONDITIONS CONTINUED

#### Release of Funds:

Payments to the "Primary Applicant" will be made on a monthly reimbursement basis, providing the grantee is in compliance with all terms and conditions of the grant, and dependent upon state appropriations.

For a payment reimbursement, a completed *CGAP Reimbursement Request Form* (Form 4923) must be submitted to the Michigan Department of Treasury. Source documentation supporting the requested reimbursement amount must be attached to the CGAP Reimbursement Request Form. At a minimum, the source documentation should include copies of the original invoices, cancelled checks, and any other report that would support the request.

The "Primary Applicant's" Chief Financial Officer or Chief Administrative Officer must sign and date the *CGAP Reimbursement Request Form* (Form 4923).

Funds may not be released to the "Primary Applicant" if any of the participants in the project:

1. Have not filed their annual financial report (F65) or audit per the Uniform Budgeting and Accounting Act, 1968 Public Act 2, as amended (MCL 141.421 to 141.440a) or the Uniform System of Accounting Act, 1919 Public Act 71, as amended (MCL 21.41 – 21.55), or
2. Have not filed their financial plan (deficit elimination plan) per the Glenn Steil State Revenue Sharing Act, 1971 Public Act 140, as amended (MCL 141.921), or
3. Are delinquent in making payments that are due on loans issued pursuant to the Emergency Municipal Loan Act, 1980 Public Act 243, as amended (MCL 141.931 to 141.942), or
4. Have a payment due and owing to the state.

#### Reporting Requirements:

1. *Quarterly Narrative and Financial Status Reports* – The awarded grantee(s) shall submit to the Michigan Department of Treasury quarterly, signed and dated, narrative and financial status reports. The reports are due within thirty (30) days after the end of a quarter (i.e. due by April 30th; July 30th; October 30th).
  - a. *Narrative Report (NR)* (Form 4971) – should present the following information:
    - i. Name of Primary Applicant and Grant Number.
    - ii. Reporting Period (i.e. April 2018 to June 2018 etc...).
    - iii. The percentage (%) completed of the project work plan.
    - iv. The estimated project completion date. For the final report, indicate the actual project completion date.
    - v. A brief outline of the work accomplished during the reporting period (or grant period, if this is the final report) relative to the proposed work plan and timeline.
    - vi. A brief outline of the work to be completed during the subsequent reporting period.
    - vii. A brief description of any problems or delays, real or anticipated, experienced.
  - b. *Financial Status Report (FSR)* (Form 4972) – should present the following information:
    - i. Name of Primary Applicant and Grant Number.
    - ii. Reporting Period (i.e. April 2018 to June 2018 etc...).
    - iii. The percentage (%) completed of the project work plan.
    - iv. The estimated project completion date. For the final report, indicate the actual project completion date.
    - v. The amount of funds expended through the reporting period (i.e. from the beginning of the grant project to the end of the reporting period).
    - vi. The projected future expenditures for the project.
    - vii. Total projected expenditures for the project.
    - viii. Original or revised (per grant award) budget per the Grant Budget Worksheet (item number 31 of the grant application).
    - ix. The difference between current projected project expenditures and original budget.

## Competitive Grant Assistance Program (CGAP) Application (FY 2018)

Issued under authority of 2013 Public Act 59

### CONDITIONS CONTINUED

2. *Final Narrative Report (Form 4971) and Final Financial Status Report (Form 4972)* - The selected grantee(s) shall submit to the Michigan Department of Treasury final, signed and dated, narrative and financial status reports. The reports are due within thirty (30) days after the completion of the project.
  - a. The reports shall include the information as indicated under *Quarterly Narrative and Financial Status Reports (above)*.
  - b. Indicate "Final Report" on the top of the Final Narrative and Financial Status Reports.
  - c. In addition to the items listed above, the final narrative report must include a description of the project accomplishments and any unanticipated benefits/difficulties experienced while completing the project. Additionally, attach a copy of the project deliverables, if applicable (i.e. feasibility study, pictures of completed construction, etc...).
3. *Final Follow-up Report (Form 5071)* - One year after the date of the Final Closeout Letter from the Michigan Department of Treasury, the grantee agrees to provide a Final Follow-up Report to the Michigan Department of Treasury on the status of the project. The report will include:
  1. A detailed description of service changes and improvements.
  2. A detailed status update on the goals and measures used to determine the success of the project and outcomes presented in the application (i.e. have they been met, what has changed, etc...).
  3. A detailed description of set-backs or difficulties experienced in implementing the project.
  4. A detailed analysis of the actual realized cost savings.
  5. Provide lessons learned to share with other entities that are pursuing similar projects.

#### **Audit and Review:**

The grantee agrees to allow the Michigan Department of Treasury and the State Auditor General's Office (and/or any of their duly authorized representatives) access, for the purposes of inspection, audit, and examination, to any books, documents, papers, and records of the grantee which are related to this project.

The Michigan Department of Treasury may conduct periodic program reviews of the project. The purpose of these reviews will be to determine adherence to stated project goals and to review progress of the project in meeting its objectives.

The grantee agrees to submit quarterly and final progress reports, along with a final follow-up report to the Michigan Department of Treasury. The grantee understands that failure to submit any required reports may result in the termination of the grant.

#### **Grant Termination:**

The grantee understands that this grant may be terminated if the Michigan Department of Treasury concludes that the grantee is not in compliance with the conditions and provisions of this grant, or has falsified any information. The Michigan Department of Treasury will extend an opportunity for the grantee to demonstrate compliance. Notification of termination will be in writing.

Grantee acknowledges that continuation of this grant is subject to appropriation or availability of funds for this grant. If appropriations to enable the Michigan Department of Treasury to effect continued payment under this grant are reduced, the Michigan Department of Treasury shall have the right to terminate this grant. The Michigan Department of Treasury shall give grantee at least thirty (30) days advance written notice of termination for non-appropriation.



Michigan Department of Licensing and Regulatory Affairs  
Liquor Control Commission (MLCC)  
Toll Free: 866-813-0011 • [www.michigan.gov/lcc](http://www.michigan.gov/lcc)

Business ID: \_\_\_\_\_

Request ID: \_\_\_\_\_

(For MLCC use only)

**Local Government Approval**  
(Authorized by MCL 436.1501)

**Instructions for Applicants:**

- You must obtain a recommendation from the local legislative body for a new on-premises license application, certain types of license classification transfers, and/or a new banquet facility permit.

**Instructions for Local Legislative Body:**

- Complete this resolution or provide a resolution, along with certification from the clerk or adopted minutes from the meeting at which this request was considered.

At a regular meeting of the Acme Township council/board  
(regular or special) (township, city, village)

called to order by Supervisor Zollinger on 7-10-18 at 7pm  
(date) (time)

the following resolution was offered: 2018-19

Moved by Aukerman and supported by Dye

that the application from Great Lakes EQUESTRIAN Festival  
(name of applicant - if a corporation or limited liability company, please state the company name)

for the following license(s): New on Premise Resort License  
(list specific licenses requested)

to be located at: 6535 Bates Rd, Acme Twp, Williamsburg MI 49690

and the following permit, if applied for:

Banquet Facility Permit Address of Banquet Facility: \_\_\_\_\_

It is the consensus of this body that it recommends this application be considered for  
(recommends/does not recommend)

approval by the Michigan Liquor Control Commission.

If disapproved, the reasons for disapproval are \_\_\_\_\_

**Vote**

Yeas: 7  
Nays: 0  
Absent: 0

I hereby certify that the foregoing is true and is a complete copy of the resolution offered and adopted by the Acme Twp  
council/board at a regular meeting held on 7-10-18  
(regular or special) (date) (township, city, village)

Cathy Dye Cathy Dye 7-11-18  
Print Name of Clerk Signature of Clerk Date

Under Article IV, Section 40, of the Constitution of Michigan (1963), the Commission shall exercise complete control of the alcoholic beverage traffic within this state, including the retail sales thereof, subject to statutory limitations. Further, the Commission shall have the sole right, power, and duty to control the alcoholic beverage traffic and traffic in other alcoholic liquor within this state, including the licensure of businesses and individuals.

Please return this completed form along with any corresponding documents to:  
Michigan Liquor Control Commission  
Mailing address: P.O. Box 30005, Lansing, MI 48909  
Hand deliveries or overnight packages: Constitution Hall - 525 W. Allegan, Lansing, MI 48933  
Fax to: 517-763-0059



# MEMORANDUM

## Planning and Zoning

6042 Acme Road | Williamsburg, MI | 49690

Phone: (231) 938-1350 Fax: (231) 938-1510 Web: [www.acmetownship.org](http://www.acmetownship.org)

To: Acme Township Board of Trustees  
From: Shawn Winter, Planning & Zoning Administrator  
CC: Jeff Jocks, Counsel  
Date: June 26, 2018  
Re: Zoning Ordinance Amendment 046 – Solar Energy Farms

---

Included in this month's packet is the draft Zoning Ordinance Amendment 046 – Solar Energy Farms. This amendment will allow and regulate commercial-grade solar installations for the generation of energy to be sold to local utilities. The use is proposed to be allowed in the B-3: Planned Shopping Center, B-4: Material Processing and Warehousing, and A-1: Agricultural districts.

### **Background**

The Planning Commission has been reviewing this amendment since December 2017 after numerous inquiries from solar companies throughout the country. There seems to be two factors driving the interest in solar energy farms not only in the area, but throughout the state. The first is the lower cost to manufacture the solar panels than in the past. The second is a legislative requirement that a certain percent of an energy providers portfolio to consist of green, renewable energy sources. Public Act 342 of 2016 amended the 2008 Clean and Renewable Energy and Energy Waste Reduction Act (PA 295 of 2008) which now requires energy providers to meet a 12.5% goal by 2019/20 and 15% by 2021. These two variables, along with the fact that the prime wind generation sites have already been claimed throughout the state, lend to the rise in interest of solar generation.

The first question that often comes up when discussing solar installations is why anyone would want to pursue them in Michigan. The assumption is they are not feasible in Michigan given the long winters and often cloudy skies. To answer this question, the Township had Beckett & Raeder perform a solar suitability analysis using GIS software. The report has been included with this memo (please excuse the poor printer resolution). As it turns out, Acme Township is actually quite suitable for solar generation over the course of a year.

This fact drove a lot of the conversation about where to allow the solar energy farms, and to what extent screening and buffering would be applicable. Since the amendment calls for allowing the use in the A-1 district, which is approximately 2/3 of the Township, concerns were raised by members of the Planning Commission that the valued agricultural land would be converted to solar energy production which in turn may create a negative aesthetic in the Township. It is important to note that site selection for solar energy farms takes into account proximity to electrical substations and existing capacity within those substations. The Township currently has three substations: N Bates and M-72, N Arnold Rd and M-72, and Angell Rd and Bates Rd. The greater the distance from the substation, the less feasible the site becomes due to the high costs of the transmission of the energy to the substation. This of course, like most market variables could be overcome through economies of scale. Likewise, substations have a certain capacity for their operation. If a solar energy farm was

to exceed that capacity with its energy its generated, the solar energy provider would need to replace the substation with one of greater capacity at their cost for the utility provider.

The issue of screening and buffering required a lengthy discussion over the course of months to determine an effective approach. Given the rolling topography of the Township, it will be essentially impossible to screen a solar energy farm from every vantage point. Where it becomes difficult is in the understanding that “more” of something doesn’t necessarily mean “more effective”. Ultimately, the Planning Commission created regulations that utilized existing setbacks, while creating stronger requirements for sites along public right-of-ways and residential dwellings with a landscape screen of evergreen trees planted in an arrangement and at a height that is effective at the time of installation.

### **Ordinance Summary**

As previously mentioned, the amendment will allow solar energy farms in the A-1, B-3, and B-4 districts. There is no limit on the overall size of the installations. Key requirements include:

- Maximum height of a solar panel is sixteen (16) feet when oriented at maximum tilt.
- A setback of at least fifty (50) feet from all property lines and public road right-of-ways. If there are any other setback requirements in effect by the Township that exceed this distance, they will need to be adhered to.
- The minimum setback between the solar panels and a residential dwelling is two hundred (200) feet.
- A landscape plan must be submitted that utilizes native evergreen tree species for screening purposes, consisting of two rows space fifteen (15) feet apart along residential zoning districts, residential dwellings, and road right-of-ways. The trees are to be four (4) feet high at the time of planting, except when adjacent to residential districts or dwellings, in which the trees will be a minimum of eight (8) feet tall. The landscape buffer also requires native grasses, wildflowers or plants that will provide additional habitat.
- The Planning Commission will be able to give credit for existing topography and vegetation if it serves as an effective screen.
- A decommissioning plan is required, along with a bond/letter of credit/ or cash surety in an amount approved by the Township.

Other regulations do exist in the amendment that would further regulate solar energy farms. This would be a use approved through the special use permit process and each application will be reviewed for consistency not only with the amendment requirements, but also the general standards for approving a special land use. These standards include the protecting the natural environment, limiting the effect on existing infrastructure, and protecting the health, safety and welfare and the social and economic well-being of adjacent land owners and the community as a whole, for example. In meeting these standards, the Planning Commission can recommend and the Board impose reasonable conditions related to the use.

### **Planning Commission Minutes**

**December 11, 2017**

- I. NEW BUSINESS:
  3. Zoning Ordinance Amendment 046 – Solar Energy Farm

Winter informed he has been contacted by five different Solar Companies regarding Solar Energy Farms in the township. A draft of a zoning ordinance amendment was presented for consideration by the Planning Commission. Tim Jones with Atwell, LLC a company in

Southfield, MI that works with solar energy, was in attendance and offered information on questions from the board.

Motion by Rosa, to set a public hearing at the January 8, 2018 PC meeting to consider Zoning Ordinance Amendment 046 to allow and regulate ground-mounted solar energy farms through a special use permit in selected zoning districts, supported by Timmins. Motion carried unanimously.

### **January 8, 2018**

H. PUBLIC HEARINGS:

1. Zoning Ordinance Amendment 046 – Solar Energy Farms: None

J. OLD BUSINESS:

1. Zoning Ordinance Amendment 046 – Solar Energy Farms

It was determined additional information needs to be obtained on the types and regulations of solar energy before presenting to the board. Topic will remain on the agenda for further discussion at the February Planning Commission meeting.

### **February 12, 2018**

J. OLD BUSINESS:

3. Zoning Ordinance Amendment 046 – Solar Energy Farms

It was discussed if commercial solar energy farms are allowable under the provisions of the Purchase of Development Rights (PDR) agreements utilized by some property owners in the A-1 Agricultural District, and if there should be a maximum size, or land area, included in the ordinance language.

It was determined to do a GIS analysis and get a better idea on how much of the township is suitable for solar use. This information will be brought to the March Planning Commission meeting for further discussion.

### **April 9, 2018**

C. INQUIRY AS TO CONFLICTS OF INTEREST:

White recused himself from J. OLD BUSINESS: Zoning Ordinance Amendment 046 – Solar Energy Farms, as a possible conflict of interest.

D. SPECIAL PRESENTATIONS:

1. Solar Energy Farms – Jeremy Jones, Prism Power Partners

Jeremy Jones with Prism Power Partners gave a presentation with statistics and conversion of energy uses on solar production. His company is looking at property by the M-72 Tart Trail for a solar farm with nearby access to the Bates Road sub-station. He would like to work with the township to help with questions and forming the appropriate wording used in the ordinance to cover the Zoning Committee's concerns.

J. OLD BUSINESS:

1. Zoning Ordinance Amendment 046 – Solar Energy Farms

Winter explained the Beckett & Raeder GIS Findings, maps out areas in Acme most suitable for solar uses. The maps show duration of sunlight, degree of slopes, sensitive areas, overall maximum sunlight and kilowatt hours per square meter. Board discussed Solar Farms and the impact it would have on neighboring properties. Some of the concerns were cutting down trees, moving the soil that would change the landscape, preservation of agricultural land, and the type of electrical connections needed to run to sub-stations. Timmons suggested adding in restrictions to the ordinance.

**Motion by Rosa to recommend approval of Zoning Ordinance Amendment 046 to the board, supported by VanHouten.**

Some of the committee felt they were not ready to approve the motion and preferred more time for consideration.

Roll Call Vote:

Yays – Rosa, VanHouten, Feringa

Nays –Wentzloff, Balentine, Timmins

Recused – White

Motion did not carry and will be considered under Old Business at the May 14, 2018 Planning Commission meeting.

**May 14, 2018**

C. INQUIRY INTO CONFLICTS OF INTEREST:

White recuse himself from J. OLD BUSINESS, 2. Zoning Ordinance Amendment 046- Solar Energy Farms, as possible conflict of interest.

J. OLD BUSINESS:

2. Zoning Ordinance Amendment 046 – Solar Energy Farms

White recused himself from this topic.

The ordinance was discussed, and it was decided to change the language in the items 9.28.2 Standards, c. Setbacks, h. Landscaping and deleting the last paragraph under 1. Township Review. Jeff Jocks will look at options for new wording to consider at the next Zoning Committee meeting for a final draft.

**June 11, 2018 (draft)**

C. INQUIREY INTO CONFLICTS OF INTEREST:

White recuse himself from J. OLD BUSINESS, 1. Zoning Ordinance Amendment 046- Solar Energy Farms.

J. OLD BUSINESS:

1. Zoning Ordinance Amendment 046 – Solar Energy Farms

White recused himself from this topic.

Winter distributed to the board copies of an article from the Traverse City Record-Eagle pertaining to solar energy.



Winter informed version 2 of the draft zoning ordinance amendment has changes in 9.28.2 c. Setbacks, as discussed at the last meeting. New language was put in adding, at least 20 feet from side/rear property lines, and 50 feet on the front along a road right-of-way easement. Section 9.28.2, h. Landscaping has been modified based on a more prescriptive screen requirement with considerations to residential uses and districts. Section 9.28.3, 1. Township Review has been deleted from the draft per counsel's request.

It was decided after further discussions to amend the ordinance with the following for Version 3; 9.28.2 Standards c. Setbacks, change 500 feet to 200 feet from an existing residential dwelling, replace the word structure with dwelling, revise wording and add under h. Landscaping 3. Buffer, i. along the property line adjacent to all residential zoning districts, ii. If solar panels are located within two hundred (200) feet of a public road right-of-way., iii. Along the property line for the portion of the project within a two hundred (200) foot radius of a residential dwelling in a nonresidential zoning district.

**Motion by Timmins to recommend the approval of the Zoning Ordinance Amendment 046 which will allow and regulate utility-grade solar energy farms to the Township Board as amended in the meeting and incorporate as Version 3 in the minutes, supported by Feringa. Motion carried by 6 (Balentine, Timmins, VanHouten, Wentzloff, Rosa, Feringa), recused White.**

**Suggested Motion for Consideration**

Motion to approve Zoning Ordinance Amendment 046 which will allow and regulate utility-grade solar energy farms in the Township as presented.



# Planning and Zoning

6042 Acme Road | Williamsburg, MI | 49690

Phone: (231) 938-1350 Fax: (231) 938-1510 Web: [www.acmetownship.org](http://www.acmetownship.org)

---

## Acme Township Zoning Ordinance Amendment 046 (V3 – 06.11.18)

### SOLAR ENERGY FARMS

1. Add the following definition under §3.2 Definitions:

**“Solar Energy Farms:** A utility-scale commercial facility that converts sunlight into electricity, whether by photovoltaics, concentrating solar thermal devices or any other various experimental solar technologies for the primary purpose of wholesale or retail sales of generated electricity off-site. Solar Energy Farms do not include small scale solar panels or technologies installed at individual residential or commercial locations (e.g. roof or ground mounted solar panels) that are used exclusively for private purposes and not utilized for any commercial resale of any energy, except for the sale of surplus electrical energy back to the electric grid. These installations are permitted as “Accessory Use” defined under Section 3.2.”

2. The use “solar energy farms” shall be added at the following sections:

Article VI: Zoning Districts, Map and Schedule of Regulations,  
Section 6.10 B-3 District: Planned Shopping Center,  
Subsection 6.10.3 Uses Authorized By Special Use Permit:  
x. “Solar Energy Farms”

Article VI: Zoning Districts, Map and Schedule of Regulations,  
Section 6.11 B-4 District: Material Processing and Warehousing,  
Subsection 6.11.3 Uses Authorized By Special Use Permit:  
h. “Solar Energy Farms”

Article VI: Zoning Districts, Map and Schedule of Regulations,  
Section 6.12 A-1: Agricultural District,  
Subsection 6.12.3 Uses Authorized By Special Use Permit:  
aa. “Solar Energy Farms”

3. Article IX shall be amended to add Section 9.28 in its entirety as presented below:

#### 9.28 SOLAR ENERGY FARMS

##### 9.28.1 INTENT AND PURPOSE:

To allow and promote the use of solar energy within the Township as a clean alternative energy source and to provide associated placement, land development, installation and construction regulations for solar energy farm facilities subject to reasonable conditions that will protect the public health, safety and welfare. These regulations establish the minimum requirements for solar energy farm facilities, while promoting a renewable energy source in a safe, effective and efficient manner.

### 9.28.2 **STANDARDS:**

- a. **Minimum Lot Size:** There is no minimum lot size. Each solar energy farm is permitted as a use authorized by special use permit which review will consider its compatibility with the surrounding area.
- b. **Height Restrictions:** All photovoltaic solar panels and support structures located in a solar energy farm shall be restricted to a maximum height of sixteen (16) feet when orientated at maximum tilt.
- c. **Setbacks:** All photovoltaic solar panels and support structures associated with such facilities (excluding perimeter fencing) shall be set back a minimum of fifty (50) feet from all property lines. If the right-of-way exists as an easement, the fifty (50) foot setback shall be measured from the edge of the easement. Solar panels shall be kept at least two hundred (200) feet from an existing residential dwelling, measured to the nearest point on the residential structure. Any additional setback requirements in this Ordinance that exceed this requirement shall be adhered to, including but not limited to setbacks from streams, lakes, and wetlands.
- d. **Maximum Lot Coverage:** maximum lot coverage restrictions shall not apply to the photovoltaic solar panels. Any other regulated structures on the parcel are subject to the maximum lot coverage restrictions of the underlying zoning district.
- e. **Safety/Access:** A security fence (height and material to be proposed and reviewed/approved through the special use permit approval process) shall be placed around the perimeter of the solar energy farm and electrical equipment. Knox boxes and keys shall be provided at locked entrances for security personnel access.
- f. **Noise:** No solar energy farm shall exceed sixty (60) dBA as measured at the property line.
- g. **Glare:** Solar energy farm facilities shall be located or placed so that concentrated solar glare shall not be directed toward or onto nearby properties or right-of-ways at any time of the day.
- h. **Landscaping:** The special use permit application for a solar energy farm shall include a proposed landscape plan prepared by a licensed landscape architect. This plan will be reviewed through the special use permit approval process to assure that the proposed facility is appropriately landscaped in relation to adjacent land uses and road right-of-ways. A landscape plan shall meet following standards:
  - 1. **Plans:** A plan view illustrating the landscape plan for the entire project and a rendered view illustrating the view from public rights-of-ways.
  - 2. **Species:** A list of plant species meeting the standards of Section 7.5.6(d) included on the drawings or as a separate narrative.

3. **Buffer:** A twenty five (25) foot wide landscape buffer shall consist of two (2) rows of staggered evergreen trees that at planting shall be minimum of four (4) feet in height. If a solar energy farm is adjacent to a residential dwelling or district, then the minimum height shall be eight (8) feet at the time of planting. The evergreen trees shall be spaced no more than fifteen (15) feet apart on center, measured from the central trunk of one tree to the central trunk of the next tree. The buffer shall also consist of native grasses, wildflowers, or plants which will provide wildlife and pollinator habitat, soil erosion protection, and/or aid in strengthening the soil structure. The buffer shall be required under the following conditions:
  - i. Along the property line adjacent to all residential zoning districts
  - ii. If solar panels are located within two hundred (200) feet of a public road right-of-way.
  - iii. Along the property line for the portion of the project within a two hundred (200) foot radius of a residential dwelling in a non-residential zoning district
4. **Credit for Existing Conditions:** Existing topographical features and existing wooded areas may be accepted in lieu of or in combination with the above by approval of the Planning Commission.
5. **Planting Timeline:** The required trees shall be planted between April 1<sup>st</sup> and September 15<sup>th</sup>. If construction of the solar energy farm begins after August 15<sup>th</sup>, the required plantings shall be installed by May 1<sup>st</sup> the following calendar year.
6. **Financial Guarantee:** A bond, letter of credit, or cash surety shall be provided in the amount equal to one and one-half (1.5) times the cost of the required plantings that the Township shall hold until the next planting season.
7. **Maintenance:** The required plantings shall be continuously maintained in a healthy condition. Dead evergreen foliage shall be replaced.
  - i. **Local, State, and Federal Permits:** Solar energy farms shall be required to obtain all necessary permits and licensing from Acme Township, Grand Traverse County, State of Michigan, and U.S. Government as applicable prior to construction and shall maintain any necessary approvals as required by the respective jurisdictions or agencies.
  - j. **Electrical Interconnections:** All electrical interconnections or distribution lines shall comply with all applicable codes and standard commercial large-scale utility requirements. Use of above ground transmission lines shall be prohibited within the site.

### **9.28.3 ADDITIONAL SPECIAL USE CRITERIA:**

In addition to the site plan review criteria in Article VIII and special use permit criteria in Article IX, the applicant shall address the following topics in the application for a solar energy farm facility:

- a. **Project Description and Rationale:** Identify the type, size, rated power output, performance, safety and noise characteristics of the system including the transmission line/grid connection for the project. Identify the project construction time frame, project life, development phases (and potential future expansions) and likely markets for the generated energy.
- b. **Analysis of On-Site Traffic:** Estimated construction jobs and estimated permanent jobs associated with the development.
- c. **Visual Impacts:** Graphically demonstrate the visual impact of the project using photos or renditions of the project with consideration given to setbacks and proposed landscaping.
- d. **Environmental Analysis:** Identify impacts on surface and ground water quality and any impacts to established natural or constructed drainage features in the area.
- e. **Waste:** Identify any solid or hazardous waste generated by the project.
- f. **Lighting:** Provide photometric plans showing all lighting within the facility. No light may adversely affect adjacent parcels. All lighting shall conform to the requirements of Section 7.8 and must be shielded from adjoining parcels. Light poles are restricted to a maximum height of eighteen (18) feet.
- g. **Transportation Plan:** Provide a proposed access plan during construction and operational phases. Show proposed project service road ingress and egress locations onto adjacent roadways and the layout of facility service road system. Due to infrequent access following construction, it is not required to pave or curb solar energy farm access drives. It shall be required to pave and curb any driveways and parking lots used for occupied offices that are located on site.
- h. **Public Safety:** Identify emergency and normal shutdown procedures. Identify potential hazards to adjacent properties, public right-of-ways and to the general public that may be created.
- i. **Sound Limitations:** Identify noise levels at the property lines of the project when completed and operational.
- j. **Telecommunications Interference:** Identify any electromagnetic fields and communications interference that may be generated.
- k. **Life of the Project and Final Reclamation:** Describe the decommissioning and final reclamation plan after the anticipated useful life or abandonment/termination of the project. This includes supplying evidence of an agreement with the underlying property owner that ensures proper removal of all equipment and restoration of the site within six (6) months of decommissioning or abandonment of the project. To ensure proper removal of

the project upon abandonment/termination, a bond, letter of credit or cash surety shall be:

1. In an amount approved by the Township Board to be no less than the estimated cost of removal and may include a provision for inflationary cost adjustments;
2. Based on an estimate prepared by the engineer for the applicant, subject to approval of the Township Board;
3. Provided to the Township prior to the issuance of a land use permit;
4. Used in the event the owner of the project or the underlying property owner fails to remove or repair any defective, abandoned or terminated project. The Township, in addition to any other remedy under this Ordinance, may pursue legal action to abate the violation by seeking to remove the project and recover any and all costs, including attorney fees.

DRAFT

## Acme Township Solar Suitability Analysis

# GIS Summary of Findings

*Solar Suitability Results, April 4<sup>th</sup>, 2018*

To determine the locations in Acme Township most suitable for solar programs and land uses, an inventory and spatial analysis were performed on a number of landscape variables. Focusing on the elevation, slope, and local topography, two indicators were developed to assess viable areas. As Michigan communities embrace solar power, and with the understanding of our unique geography, it is important to find lands that can receive at least 6 hours of sunlight during the winter solstice and have slopes within 30 degrees of due south (MSU Extension, 2018). In Acme Township, the proposed zoning districts to permit solar uses include AG, B-3, and B-4. The analysis was run on all Township lands should permitted solar uses and their available districts expand.

### Solar Insolation: Direct Duration and Hourly Estimates

The solar insolation findings were derived using a Digital Elevation Model (DEM) of the Township area. The parameters used in this analysis were to show the potential length of solar exposure, in hours, for the entire Township during the winter solstice. Direct duration is the GIS terminology for the resulting layer that shows hourly estimates. The **Winter Solstice Solar Insolation, Direct Duration (Overall)** map highlights the brighter and darker areas of the Township, emphasizing sunlight exposure, in hours, on December 21<sup>st</sup>, 2018. Most of the Township can receive the sunlight necessary to support solar energy. Areas that are almost entirely in shade during the winter are shown in dark blue; yellow, orange, and red correspond to areas that are likely to receive at least 6 hours of sunlight. The **Winter Solstice Solar Insolation, Total of 6 to 8 Hours** map shows the extracted ranges of hourly intervals, including 8+ hours of sunlight (likely to receive all available sunlight in the day), 7 to 8 hours of sunlight, 6 to 7 hours of sunlight, and areas that do not meet the 6-hour threshold for Michigan.

### Slopes Due South

Solar panels placed on slopes near due south are likely to be the most efficient. Since the topography of any parcel is very rarely a perfectly flat surface, we must consider even the most gradual of slopes and how it will relate to solar panel placement and installation. Slopes within 30 degrees of due south have been determined to have the best solar exposure in the northern hemisphere, we use this threshold when determining appropriate solar placement. Using the Digital Elevation Model (DEM) again, the direction of slope for each surface in a 1-meter by 1-meter square of land was determined and anything within 30 degrees of due south was isolated and extracted. To provide as much helpful detail as possible, slopes near due south were grouped based on degree away from due south; in the **Slopes Due South** map, lands within 20 degrees of due south were grouped separate from lands within 20 to 30 degrees of due south.

### Conservation Variables

Additional considerations in the solar suitability analysis include local lands intended to be preserved. Prime farmlands, as identified by the US Department of Agriculture, are those frequently recommended for conservation efforts, and specifically, are removed from many solar suitability analyses for this reason. Farmlands of local importance were identified, but with a lack of documentation on what defines “local importance,” they were not included in the analysis. They were identified, however, for review by the Township and should a later refinement of the analysis occur, lands of local importance are ready to be included. Lastly, an additional natural landscape consideration was the location of wetlands as identified in the National Wetlands Inventory (NWI) which includes freshwater emergent and freshwater forested / shrub wetlands. These too were not removed from the final solar suitability analysis, but stressed in the **Sensitive Features** map as an optional criteria for future analyses.

Aside from the natural landscape considerations, several properties within Acme Township have completed Purchase of Development Rights (PDR) agreements and are not permitted to participate in solar programs, and any public lands operating or owned under land conservancies represent portions of the landscape that are not intended to support solar development. These areas are rather to be conserved and thusly have been removed from the overall analysis, as reflected in the final **Overall Solar Suitability** map.

### The Final Overall Suitability Map

The final result of the analysis is concluded on the **Overall Suitability Map**, which removed the prime farmlands from the final output in an effort to preserve these valuable soils for agriculture. Findings were grouped into three categories to emphasize variations in estimated efficiency:

1. Areas with maximum sunlight during the winter solstice (8 hours or more) combined with slopes within 20 degrees of due south represent the best conditions favorable for solar development.
2. Areas with good conditions that exceed the basic minimum requirements are those with 7 to 8 hours of sun exposure and slopes within 30 degrees of due south.
3. Areas that only meet the minimal conditions suitable for solar development are those capable of receiving 6 hours of sunlight during the winter solstice and slopes within 30 degrees of due south.

Solar Suitability Category	Acreage in Study Area
#1, Best: 8+ Hours Sunlight, 20 Degrees Slope of Due South	364.85
#2, Good: 7-8 Hours Sunlight, 30 Degrees Slope of Due South	375.28
#3, Minimum: 6-7 Hours Sunlight, 30 Degrees Slope of Due South	22.65
<i>Total</i>	762.78

### Average Kilowatt Hours (KWh) per Square Meter Map

While the 6 hours of sunlight during the winter solstice is considered a fair threshold for Michigan communities, the potential to generate high quantities of energy is an important additional consideration. Using a threshold identified by the MSU Extension (2018), a minimum of 3.5 kilowatt hours (KWh) of solar per day is required for photovoltaic systems. The lands in Acme Township were analyzed on a bimonthly

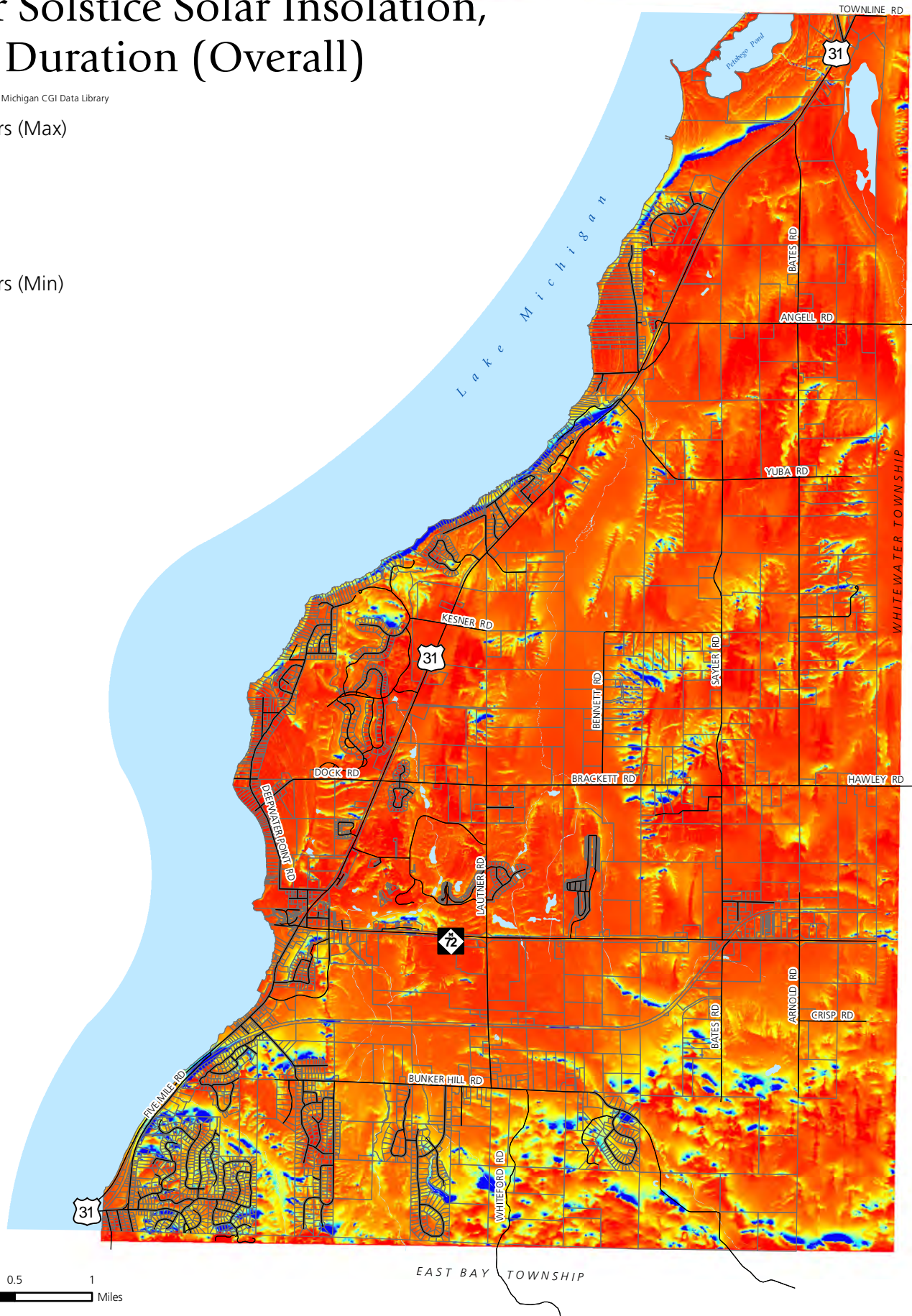
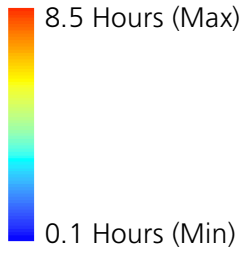


basis (every two weeks) to determine the average global radiation in the unit of average kilowatt hours per square meter (KWh / m<sup>2</sup>). Results were mapped to show areas with the potential to generate higher amounts of energy, and the majority of the Township meets the minimum threshold of 3.5 KWh / m<sup>2</sup>. The only portions of the Township that did not meet this threshold were areas already excluded from the analysis as they do not receive 6 hours of sunlight during the winter solstice. It should be noted that actual energy production values will vary with changes in atmospheric conditions and seasonality, but the map serves as a nice visual aid to display areas with the potential to generate high amounts of energy and confirms land in the Township capable of producing over 3.5 KWh / m<sup>2</sup>. Similarly, this calculation was helpful to confirm that peak seasonal insolation in the summer generates enough KWh / m<sup>2</sup> to offset reductions in energy production during the winter. The findings of this map do not affect the results of the **Final Overall Suitability Map**.

ACME TOWNSHIP

# Winter Solstice Solar Insolation, Direct Duration (Overall)

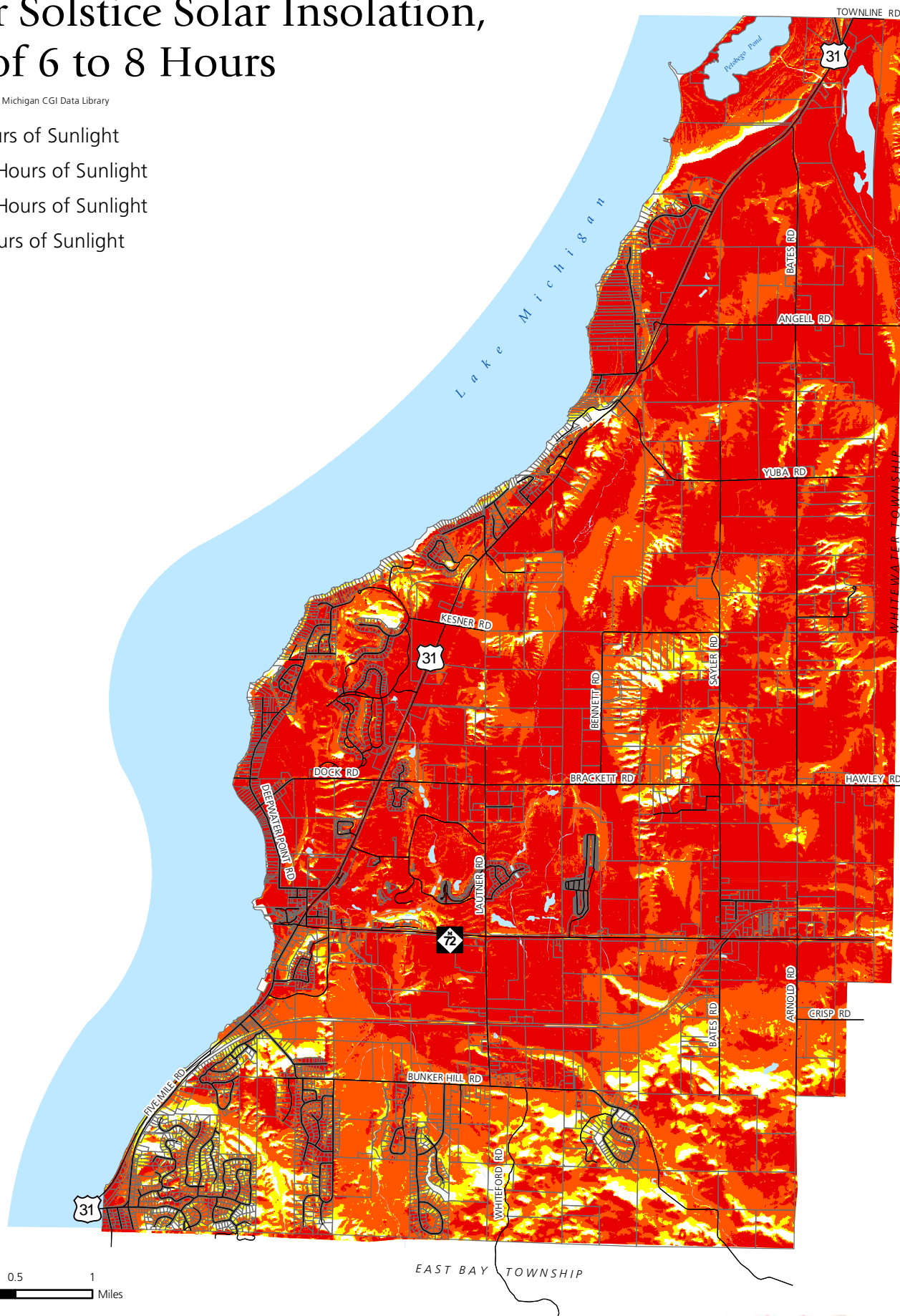
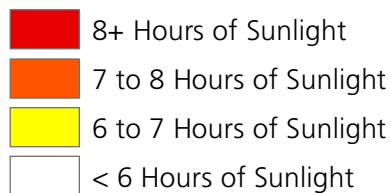
Data Source: Acme Township, Michigan CGI Data Library



ACME TOWNSHIP

# Winter Solstice Solar Insolation, Total of 6 to 8 Hours

Data Source: Acme Township, Michigan CGI Data Library





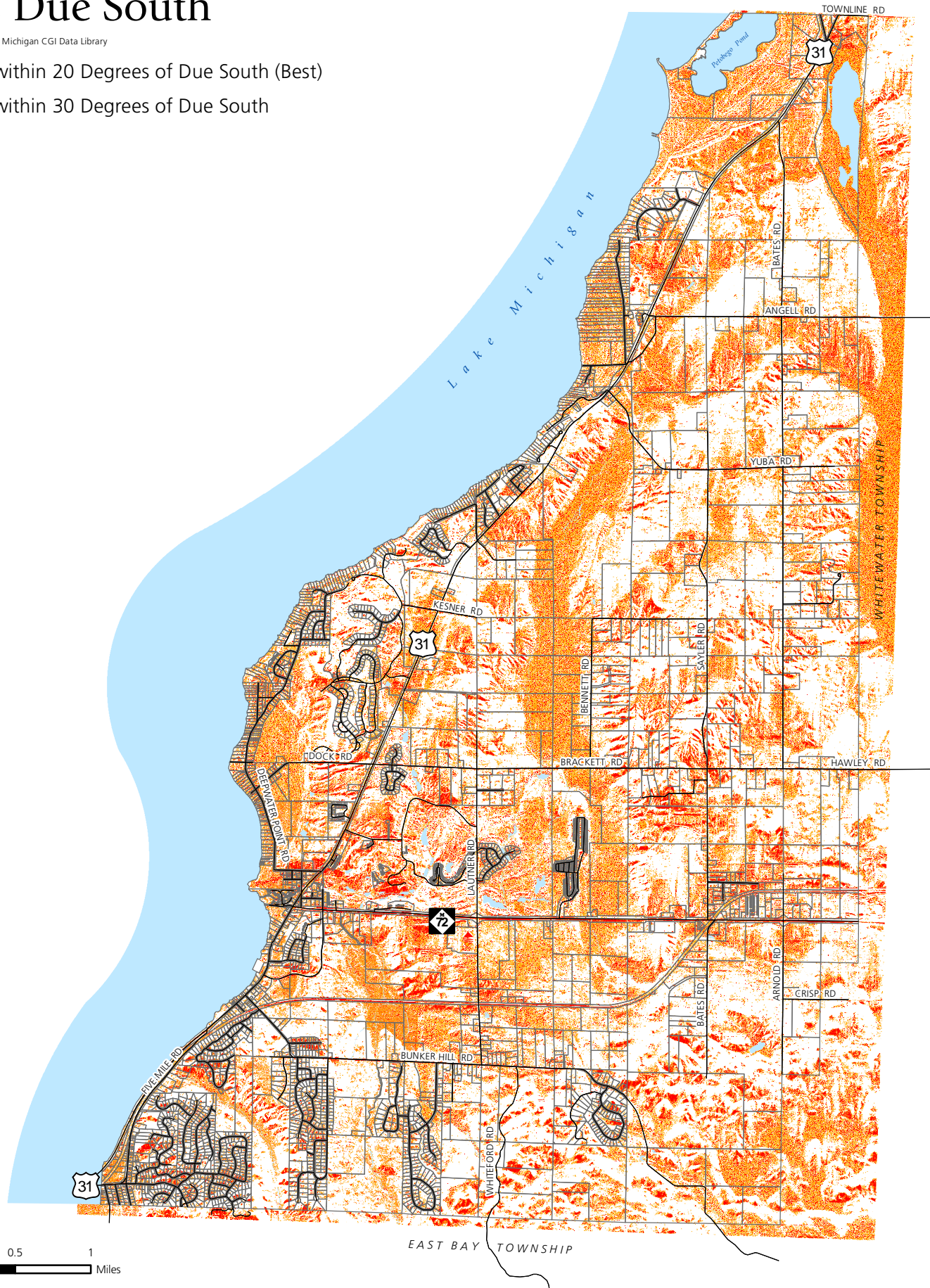


# ACME TOWNSHIP

## Slopes Due South

Data Source: Acme Township, Michigan CGI Data Library

-  Lands within 20 Degrees of Due South (Best)
-  Lands within 30 Degrees of Due South

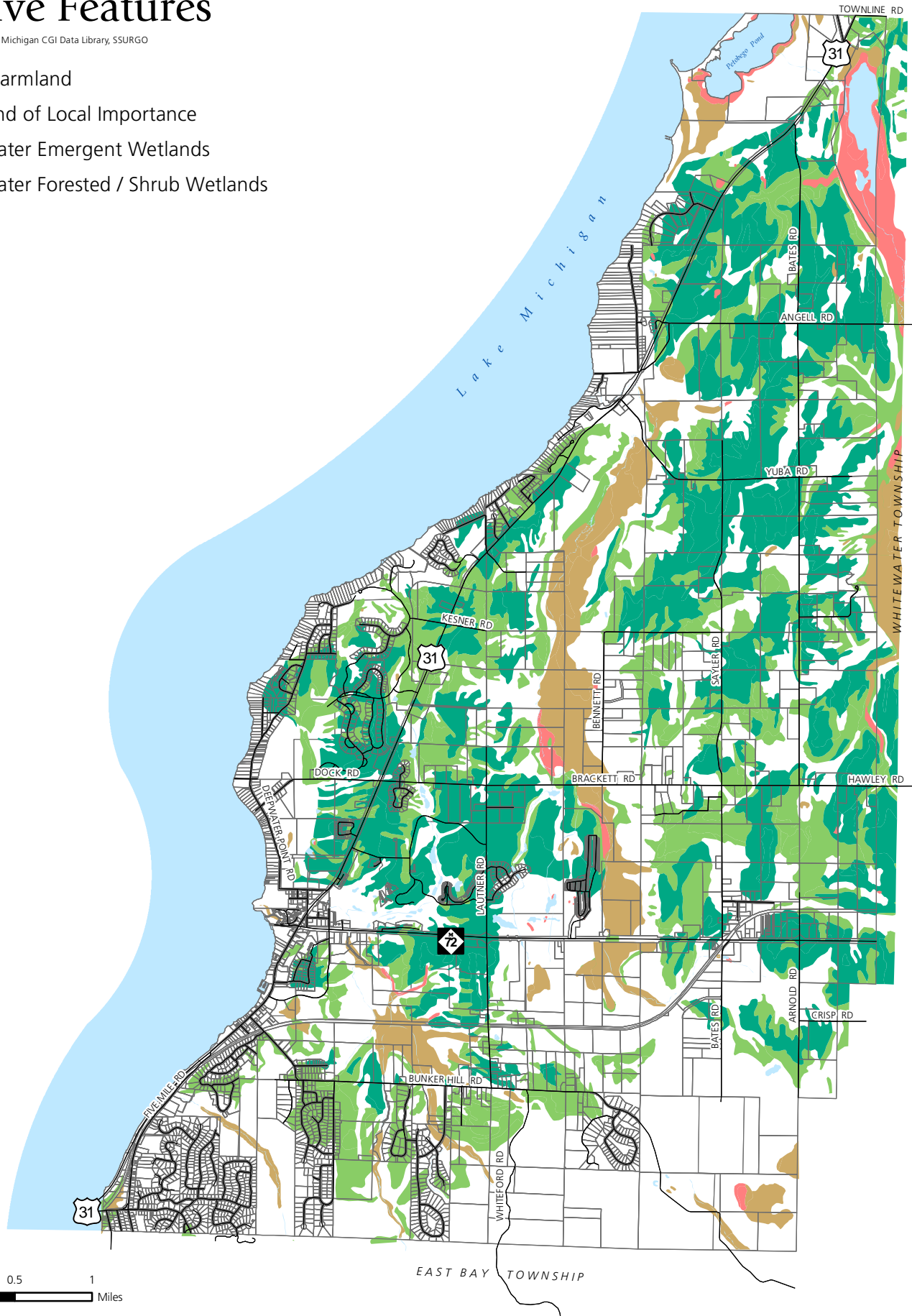


# ACME TOWNSHIP

## Sensitive Features

Data Source: Acme Township, Michigan CGI Data Library, SSURGO

- Prime Farmland
- Farmland of Local Importance
- Freshwater Emergent Wetlands
- Freshwater Forested / Shrub Wetlands








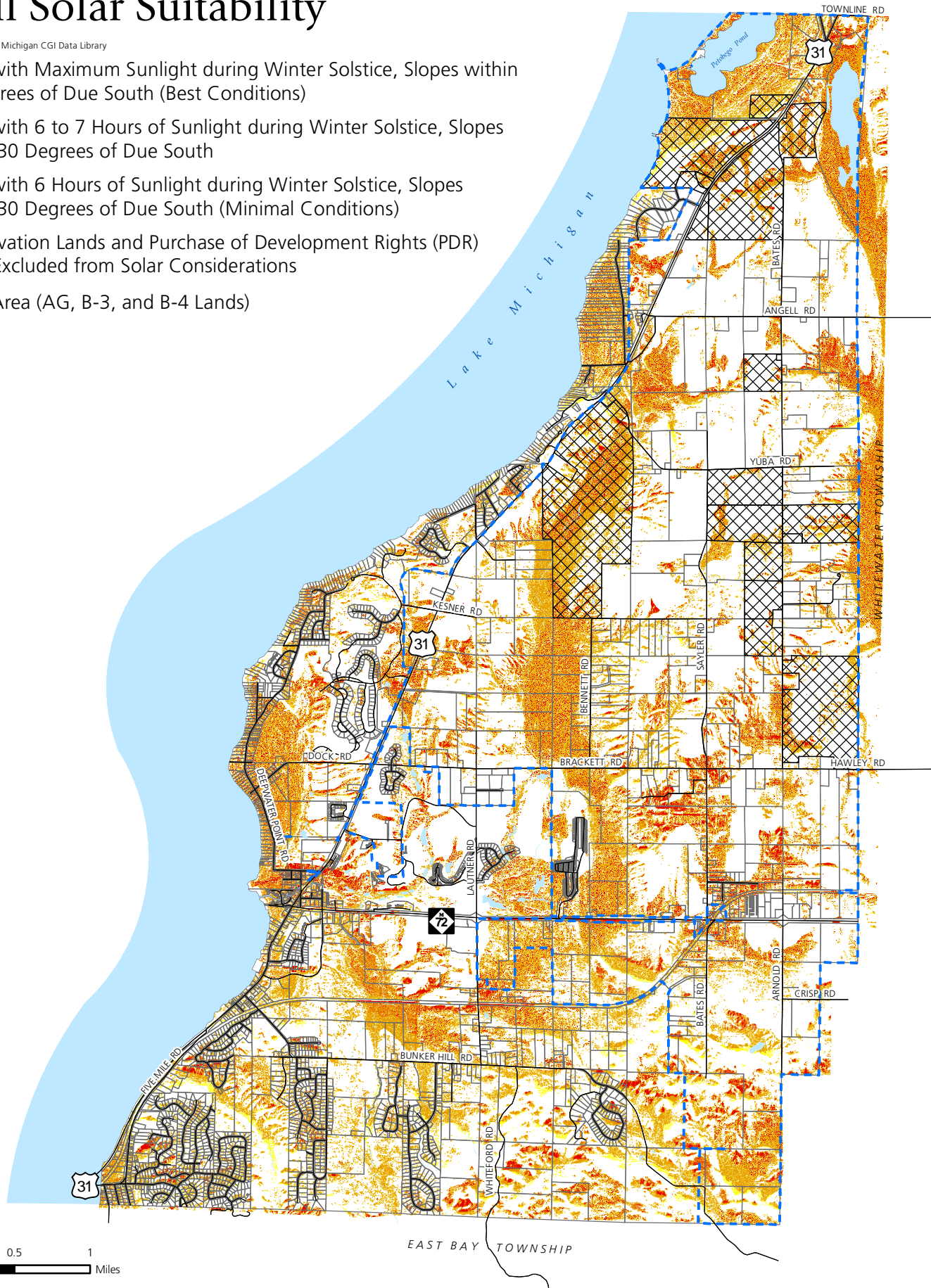


# ACME TOWNSHIP

## Overall Solar Suitability

Data Source: Acme Township, Michigan CGI Data Library




-  Areas with Maximum Sunlight during Winter Solstice, Slopes within 20 Degrees of Due South (Best Conditions)
-  Areas with 6 to 7 Hours of Sunlight during Winter Solstice, Slopes within 30 Degrees of Due South
-  Areas with 6 Hours of Sunlight during Winter Solstice, Slopes within 30 Degrees of Due South (Minimal Conditions)
-  Conservation Lands and Purchase of Development Rights (PDR)  
Lands Excluded from Solar Considerations
-  Study Area (AG, B-3, and B-4 Lands)

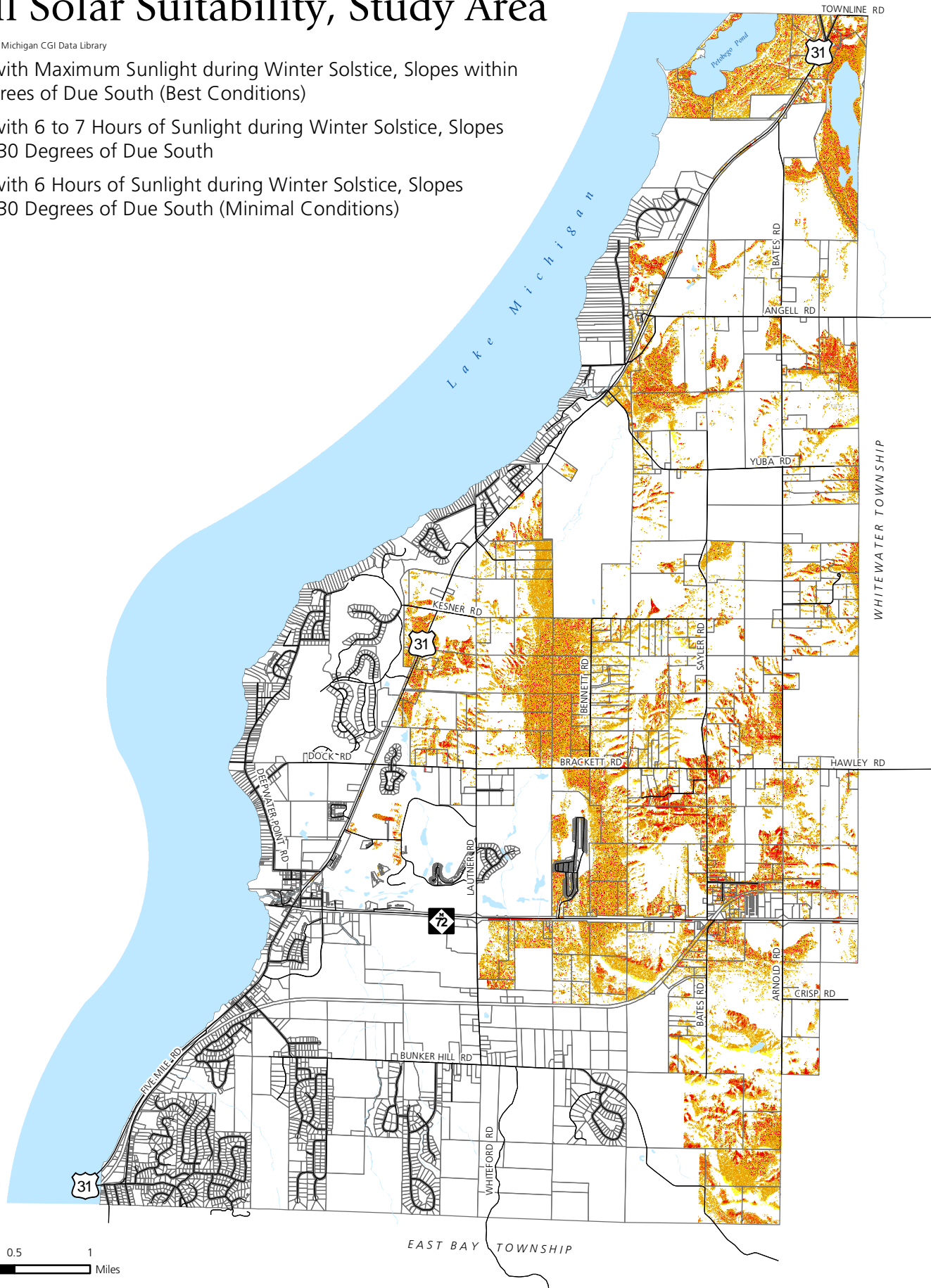


# ACME TOWNSHIP

## Overall Solar Suitability, Study Area

Data Source: Acme Township, Michigan CGI Data Library

-  Areas with Maximum Sunlight during Winter Solstice, Slopes within 20 Degrees of Due South (Best Conditions)
-  Areas with 6 to 7 Hours of Sunlight during Winter Solstice, Slopes within 30 Degrees of Due South
-  Areas with 6 Hours of Sunlight during Winter Solstice, Slopes within 30 Degrees of Due South (Minimal Conditions)











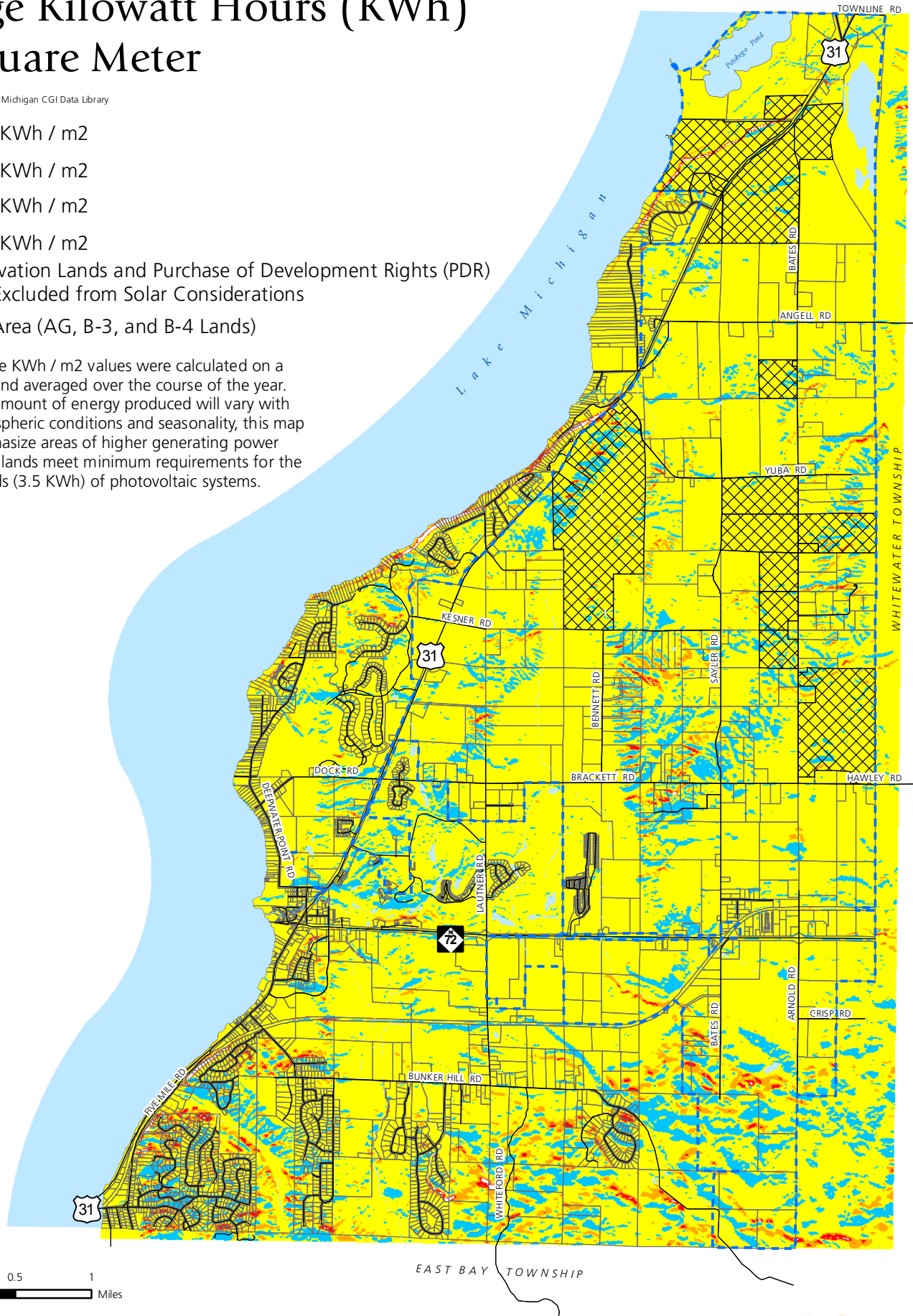
# ACME TOWNSHIP

## Average Kilowatt Hours (KWh) per Square Meter

Data Source: Acme Township, Michigan CGI Data Library

-  Over 5 KWh / m<sup>2</sup>
-  Over 6 KWh / m<sup>2</sup>
-  Over 7 KWh / m<sup>2</sup>
-  Over 8 KWh / m<sup>2</sup>
-  Conservation Lands and Purchase of Development Rights (PDR)  
Lands Excluded from Solar Considerations
-  Study Area (AG, B-3, and B-4 Lands)

Note: The average KWh / m<sup>2</sup> values were calculated on a bimonthly basis and averaged over the course of the year. While the exact amount of energy produced will vary with changes in atmospheric conditions and seasonality, this map is meant to emphasize areas of higher generating power and confirm that lands meet minimum requirements for the daily energy needs (3.5 KWh) of photovoltaic systems.





## Acme Township Form Management Project

Brick House Interactive will work with Acme Township to create an online interface that will help employees manage the forms, including search functions and new online user forms. Part of this project will involve converting and uploading the current database tables into an online MYSQL database. The database will be secured with an SSL and will be password protected. The project will be carried out in two phases. Phase one will be the initial setup and testing of the database and template for the forms. This will allow for online reviews, feedback and testing by staff at Acme Township. Phase one would start on July 23, with the first reviews approximately three weeks later during the week of August 13. Phase two would involve refining the form template and producing the other forms, related attachments and search functions. The timeline for phase two would be August 20 - September 21, with final testing and delivery during the first week of October 2018.

Project management and coordination	1,300.00
Database conversion, uploads and testing	550.00
Programming, layout and design of the system	2,200.00
General testing, browser and OS testing and reviews	640.00
Account setup, database setup, backups and file management	280.00
TOTAL	\$ 4,970.00
Yearly hosting for the database (\$99) and webforms (\$195)	\$ 294.00

If the project details and schedule are approved, we will send you a formal contract and request for deposit. We would need a 30% deposit and signed contract to start the project. If you have any questions or if you need additional information, please contact us at (231) 267-5479.

Bid prepared by: Jim Sundberg, Brick House Interactive

Email: BrickHouseInteractive@gmail.com

Phone: 231-267-5479

Proposal for Software and Services, Presented to...

Acme Township, Grand Traverse County MI

March 23, 2018

Quoted by: Dan J. Burns, CPA



*Thank you for the opportunity to quote our software and services.*

*At BS&A, we are focused on delivering unparalleled service, solutions, support, and customer satisfaction. You'll see this in our literature, but it's not just a marketing strategy... it's a mindset deeply embedded in our DNA. Our goal is to provide such remarkable customer service that our customers feel compelled to remark about it.*

*We are extremely proud of the many long-term customer relationships we have built. Our success is directly correlated with putting the customer first and consistently choosing to **listen**. Delivering unparalleled customer service is the foundation of our company.*

BS&A Software  
14965 Abbey Lane Bath MI 48808  
(855) BSA-SOFT / fax (517) 641-8960  
bsasoftware.com

**Contents**

*Please return all pages, retaining a copy for your records.*

Cost Summary; Totals.....	3, 4, 5
Annual Service Fees.....	6
Optional Items.....	7
Acceptance.....	8
Contact Information.....	9

**Attachments**

*Please retain for your records.*

- Hardware Requirements
- SQL Server Pricing

S O F T W A R E

## Cost Summary

Application and Annual Service Fee prices based on an approximate parcel count of 3,519 and a population of 4,332. Software is licensed for use only by municipality identified on the cover page. If used for additional entities or agencies, please contact BS&A for appropriate pricing.

Prices subject to change if the actual count is significantly different than the estimated count.

### Applications

Building Department .NET	\$5,240
--------------------------	---------

### Database Setup

Building Department (per database)	\$2,550
------------------------------------	---------

S O F T W A R E

**Project Management and Implementation Planning**

**Services include:**

- Analyzing customer processes to ensure all critical components are addressed.
- Creating and managing the project schedule in accordance with the customer's existing processes and needs.
- Planning and scheduling training around any planned process changes included in the project plan.
- Modifying the project schedule as needed to accommodate any changes to the scope and requirements of the project that are discovered.
- Providing a central contact between the customer's project leaders, developers, trainers, IT staff, conversion staff, and other resources required throughout the transition period.
- Installing the software and providing IT consultation for network, server, and workstation configuration and requirements.
- Reviewing and addressing the specifications for needed customizations to meet customer needs (when applicable).

**\$2,550**

**Implementation and Training**

- \$850/day
- Days quoted are estimates; you are billed for actual days used

**Services include:**

- Setting up users and user security rights for each application
- Performing final process and procedure review
- Configuring custom settings in each application to fit the needs of the customer
- Setting up application integration and workflow methods
- Onsite verification of converted data for balancing and auditing purposes
- Training and Go-Live

Software Setup	Days: 1	<b>\$850</b>
Building Department .NET	Days: 3	<b>\$2,550</b>
	<b>Total: 4</b>	<b>Subtotal \$3,400</b>

## Cost Totals

*Not including Annual Service Fees*

Applications	\$5,240
Database Setup	\$2,550
Project Management and Implementation Planning	\$2,550
Implementation and Training	\$3,400
<hr/>	
<b>Total Proposed</b>	<b>\$13,740</b>

**Travel Expenses** **\$1,720**

**Grand Total (with Travel Expenses)** **\$15,460**

## Payment Schedule

- 1<sup>st</sup> Payment: **\$5,100** to be invoiced upon execution of this agreement.
- 2<sup>nd</sup> Payment: **\$5,240** to be invoiced at start of training.
- 3<sup>rd</sup> Payment: **\$5,120** to be invoiced upon completion of training.

## Annual Service Fees

Unlimited service and support during your first year with the program are included in your purchase price. Thereafter, Service Fees are billed annually. BS&A Software reserves the right to increase the Annual Service Fee by no more than the yearly Consumers Price Index (CPI).

Building Department .NET	\$1,050
--------------------------	---------



## Optional Item(s)

---

### Program Customization

BS&A strives to provide a flexible solution that can be tailored to each municipality's needs. However, in some cases, custom work may be required. Typical examples include:

- ˘ custom payment import/lock box import
- ˘ custom OCR scan-line
- ˘ custom journal export to an outside accounting system
- ˘ custom reports

If you require any custom work, please let us know so that we can better understand the scope of your request and include that in a separate proposal.

---

### Additional Training - Building Department Report Designer

Most of our Building Department customers heavily use our Report Designer, which is included free with the program. Report Designer Training is not included in the training quoted on this proposal and is highly recommended. You may attend a class at our office in Bath Township, or we can train at your location. Report Designer Training is typically completed in one day.

Please check the option you are interested in. Report Designer Training will be scheduled after successful implementation and training of your Building Department software.

- Classroom training, \$205/person/day
- On-site training (unlimited attendees), \$850/day, travel not included

S O F T W A R E



## Acceptance

### Signature constitutes...

1. An order for products and services as quoted  
*Quoted prices do not include Program Customization, training beyond the estimated number of days, or recommended Bank Reconciliation Consultation*
2. Agreement with the proposed Annual Service Fees
3. Acceptance of BS&A's hardware recommendations required to efficiently run the .NET applications

---

Signature

Date

**BS&A PLEDGE.** We offer a one-year, risk-reversal pledge on our software. If, up to a year after installation, you are not happy with our software and service, you can return our software for a full refund.

### Returning Accepted Proposal to BS&A

*Please return the entire proposal, with signature/date (this page) and contact information (next page) filled out, by any of these methods:*

Mail: BS&A Software  
14965 Abbey Lane  
Bath, MI 48808

Fax: (517) 641-8960

Email: [dburns@bsasoftware.com](mailto:dburns@bsasoftware.com)

Once your proposal is received, a BS&A representative will contact you to begin the scheduling process.

## Contact Information

If any mailing addresses are PO Boxes, please also provide a Street Address for UPS/Overnight mail.

If additional contacts need to be submitted, please make a copy of this page.

### Key Contact for Implementation and Project Management

Name \_\_\_\_\_ Title \_\_\_\_\_

Phone/Fax \_\_\_\_\_ Email \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

### IT Contact

Name \_\_\_\_\_ Title \_\_\_\_\_

Phone/Fax \_\_\_\_\_ Email \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

**Traverse City to Charlevoix Trail  
Preliminary Design - Acme through Elk Rapids  
Project Agreement**

Between:

Elk Rapids Village;  
Traverse Area Recreation & Transportation Trails, Inc.;  
Networks Northwest; and Acme Township

This is a Project Agreement ("Agreement") between Elk Rapids Village ("Village"), 315 Bridge Street, Elk Rapids, MI 49629; Traverse Area Recreation & Transportation Trails, Inc. ("TART"), 148 E. Front St, Ste. 201, Traverse City, MI 49684, Networks Northwest ("Networks"), P.O. Box 506, Traverse City, MI 49685-0506, and Acme Township ("Acme"), 6042 Acme Road, Williamsburg, MI 49690.

The Parties enter into this Agreement on the basis of the following:

- A. The Parties share a common desire that the section of Traverse City to Charlevoix Trail ("TC-CHX Trail") between Acme and Elk Rapids:
  - a. Build on the existing Traverse City to Charlevoix Trail Concept and Development Plan;
  - b. Utilize a public process to gather input and feedback on design;
  - c. Identify a preferred trail alignment through preliminary design efforts;
  - d. Identify future engineering, construction, maintenance costs, and funding strategies;
  - e. Complete preliminary design by December 2018;
  
- B. The Parties acknowledge that in order to be successful there must be a coordinated approach to the following activities associated with the TC-CHX Trail Preliminary Design:
  - a. Phasing of trail development: concept planning, preliminary design, and finally construction engineering, maintenance plan, and construction;
  - b. Public and stakeholder engagement;
  - c. Public funding;
  - d. Private fundraising;
  - e. Preliminary design contract management;
  - f. Design input and approval;
  - d. Communications; and,
  - e. Media outreach.

Therefore,

1. The Village will:
  - a. Hold and manage the TC-CHX Trail Acme to Elk Rapids Preliminary Design contract;
  - b. Provide a representative for Project Team, Stakeholder Advisory Group, and Elk Rapids Trail Team for the purposes of contributing to design;
  - c. Support public process in Preliminary Design;
  - d. Include TART and Networks in Preliminary Design;
  - e. Coordinate with TART and Networks on project communication, public engagement, and media outreach;
  - f. Allocate \$4,500 of Village funds for Preliminary Design;
  - g. Allocate \$19,499 from GTB 2% Grant for Preliminary Design;
  - h. Work with TART and Networks to identify potential sources for public funding for future construction and maintenance;

- i. Recognize past and present contributions of TART and Networks in published materials related to TC-CHX Trail efforts;
  - j. Support TART's private fundraising by sharing campaign news and links as appropriate; and,
  - k. Ensure all communication will acknowledge that project is a collaborative effort between Elk Rapids Village, TART, Networks, and Acme.
2. Acme will:
- a. Provide a staff person and/or official point of contact for the partners to work with on the project including Elk Rapids Trail Team, Project Team, and Stakeholder Advisory Group;
  - b. Coordinate with TART and Elk Rapids Village on project communication, public engagement, and media outreach;
  - c. Participate in the design process; and,
  - d. Ensure all communication will acknowledge that project is a collaborative effort between Elk Rapids Village, TART, Networks, and Acme.
3. TART will:
- a. Provide a staff person and/or official point of contact for the partners to work with on the project including Elk Rapids Trail Team, Project Team, Stakeholder Advisory Group, and Acme Parks & Trails Committee;
  - b. Provide a lead role in the following aspects of the Preliminary Design:
    - i. Participate in Preliminary Design process and provide expertise for best practices related to trail design;
    - ii. Develop communication and outreach plan;
    - iii. Integrate Preliminary Design in communication and outreach for regional TC-CHX trail efforts. Throughout the various planning and development stages, TART will facilitate communication and outreach to all regional partners; and
    - iv. Support community engagement through public and stakeholder meetings in the Preliminary Design effort.
  - c. Coordinate with Elk Rapids Village and Networks on project communication, public engagement, and media outreach;
  - d. Provide matching funds for Preliminary Design; and
  - e. Ensure all communication will acknowledge that project is a collaborative effort between Elk Rapids Village, TART, Networks, and Acme.
4. Networks will:
- a. Provide a staff person and/or official point of contact for the partners to work with on the project including Elk Rapids Trail Team, Project Team, and Stakeholder Advisory Group;
  - b. Support project communication, public engagement, and media outreach;
  - c. Be a representative of Project Team at public and Stakeholder Advisory Group meetings;
  - d. Facilitate Preliminary Design public and Stakeholder Advisory Group meetings;
  - e. Participate in the design process; and,
  - f. Ensure all communication will acknowledge that project is a collaborative effort between Elk Rapids Village, TART, Networks, and Acme.

The parties have executed this Agreement on the date indicated below:

Traverse Area Recreation & Transportation Trails, Inc.:

---

Julia Clark, Executive Director

Date

Elk Rapids Village:

---

Caroline Kennedy, Assistant Village Manager

Date

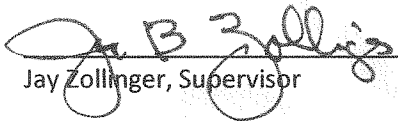
Networks Northwest:

---

Mathias McCauley, Executive Director

Date

Acme Township:

  
Jay Zollinger, Supervisor

7/11/18  
Date