



**ACME TOWNSHIP BOARD MEETING
ACME TOWNSHIP HALL
6042 Acme Road, Williamsburg MI 49690
Tuesday, October 6, 2015, 7:00 p.m.**

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

Members present: J. Aukerman, C. Dye, A. Jenema, G. LaPointe, P. Scott, D. White, J. Zollinger
Members excused: None
Staff present: N. Edwardson, Recording Secretary

A. LIMITED PUBLIC COMMENT:

R. Babcock, 4261 Bartlett Rd, expressed excitement about the possible completion of the “Trail to Trail” Tart System and also commented that she was pleased for the scheduled Bayside cleanup. She was at Bayside in August and there was still a lot of debris.

B. APPROVAL OF AGENDA:

Motion by seconded by White, seconded by Dye approve the agenda with the additional of a report to G. Reports: RecycleSmart – Kim Elliott. Motion carried by unanimous vote.

C. INQUIRY AS TO CONFLICTS OF INTEREST: None

D. 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. Draft Unapproved Meeting Minutes:
 - a. Planning Commission 09/14/15
- d. Facilities & Parks Manager - Henkel
- e. Letter dated 09/11/15 from the Grand Traverse Band of Ottawa and Chippewa Indians to the Watershed Center regarding Stormwater Collection & Treatment System
- f. North Flight monthly report
- g. Final order affirming Tribal land 160 acres (Hoxie) into sovereign land

2. APPROVAL:

- a. Regular meeting minutes of 09/01/15
- b. Accounts Payable Prepaid of \$3,084.67 and Current to be approved of \$77,916.27
(Recommend approval: Cathy Dye, Clerk)

Motion by Scott, seconded by Jenema to approve the consent calendar with the removal of 2 a. Board meeting minutes from 09/01/15 and 2.b. Current bills to be paid. Motion carried by unanimous roll call vote.

E. ITEMS REMOVED FROM THE CONSENT CALENDAR:

Dye submitted two additional bills from Dan Helsel’s Tree service of \$21,000.00 to add to the Current bills of \$77,916.27 making the total \$98,916.27.

Motion by LaPointe, seconded by White to approve the current bills to be paid for \$98,916.17. Motion carried by unanimous roll call vote.

Aukerman requested the 09/01/15 Board meeting minutes to be pulled. She noted two typos.

Motion by Aukerman, seconded by Scott to approve the Board 09/01/15 meeting minutes with the two typo corrections. Motion carried by unanimous roll call vote.

F. SPECIAL PRESENTATIONS/DISCUSSIONS:

Tart directions Acme Township – J. Clark/K.Wentzloff

An update to recent TART Trail activity was provided by J. Clark. Wayfinding and signage is currently underway. TC to Charlevoix trail update identified a preferred alignment, concept plan has been developed, and the master plan should be completed by October. The Trail is identified as an asset and promotes economic development. Criteria used in selection process used the choosing by advantages technique. A draft preferred route between Acme and Yuba was presented with a US 31 crossing to north; somewhere between Bracket and Kesner Road but has not been officially determined yet. Rough estimates for 46.2 miles of trail at an estimated cost of \$11 million.

Update provided on other Trails in Acme. Would like connection of Bunker Hill at parking area to Lautner Road where Trail picks up again. Looking to work with GTTC and Mount Hope to make further connections as well as looking to get to the Acme shoreline parks. Need to know/identify who will allow and who will maintain.

Clark highlighted three options to look at consisting of the connection to the shoreline parks, connection to M-72 and the GTTC commerce areas, and connection to the Lautner Road trail head.

Discussion followed.

Motion by Scott, seconded by White to approve support moving forward to connect Tart Trails as presented under the direction of a committee consisting of Jenema, Winter, Wentzloff, Timmons and Heffner. Motion carried unanimously.

G. REPORTS: Received and filed

1. Sheriff's Report – Deputy: Ken Chubb
2. County Commissioner's Report – Crawford
3. Road commission report – McKellar
4. RecycleSmart – Kim Elliott

Resource Recovery offers residents a no charge yard waste pass. Discussion followed.

**Motion by LaPointe, to get 75 yard waste passes from RecycleSmart. Seconded by Scott.
Motion carried by unanimous roll call vote.**

H. CORRESPONDENCE: None

I. PUBLIC HEARING: None

J. NEW BUSINESS:

1. DPW 2016 Budget approval –DPW Manager, John Divozzo

**Motion by Jenema, seconded by Scott to approve the DPW proposed 2016 Budget as presented.
Motion carried by unanimous roll call vote.**

2. DPW Approval of new technical standards – Divozzo

**Motion by LaPointe, seconded by Jenema to approve Resolution R-2015-38 adopting the 2015 edition of technical specifications for the design and construction of water and sewer lines.
Motion carried unanimously.**

- 3 Approval of new form based Architectural standards – Winter

Motion by Jenema, seconded by White to approve Zoning Ordinance amendment 035 – Architectural standards in the US-31/M-72 Business district as presented. Motion carried unanimously.

4. Review of new Acme Township agenda format – Zollinger

Motion by LaPointe, seconded by Scott to approve the new agenda format as presented and also make the adjustment allowing for the change in the Acme Township Policies and Procedures. Motion carried by unanimous vote.

5. Resolution on contract for MI Disaster Assistance Request – Parker

Motion by Scott, seconded by Aukerman to approve Resolution R-2015-39 as presented. Motion carried by unanimous vote.

6. Bayside Park Clean up

Winter reviewed a Bayside Park clean up scheduled for, Sunday, October 25, 2015 from 12:00 to 4:00. There will be National Honor Society students from Elk Rapids schools helping. This will be opened to all in the community.

7. Resolution to conduct Maintenance on Deepwater Point Drain #1

Kevin P. McElyea, from the County Drain Commission was present to report on drain #1. It was installed in 1987, has a left over fund balance of approximately \$33,000 for current and future maintenance. Estimated cost for current maintenance is \$5,000 to \$7,000. Discussion followed.

Motion by LaPointe, support by Scott to approve Resolution R-2015-40 as presented. Motion carried by unanimous roll call vote.

K. OLD BUSINESS:

1. Resolution for State Disaster Contingency Fund grant

Motion by Jenema, supported by LaPointe approving Resolution R-2015-41 authorizing, Clerk Dye, to oversee the State Disaster Contingency Fund Grant for expenditures totaling \$53,851.77 for massive clean up cost from the August 2, 2015, area storm. Motion carried by unanimous roll call vote.

At the September Board meeting a motion was passed giving Zollinger up to \$40,000.00 for clean up expenses from the August storm. Zollinger is requesting up to \$15,000.00 for additional clean up expenses.

Motion by LaPointe, seconded by Scott to authorize, Supervisor, Zollinger, to spend an additional \$15,000.00 on August storm clean up. Motion carried by unanimous roll call vote.

Discussion on the Holiday Hills SAD completion and the final billing amount and what to hold in reserve.

Motion by Scott, to appoint Zollinger, LaPointe and Jenema to review the funds on the Holiday Hills SAD for the final billing amount with a final per parcel cost and with a contingency that is reasonable for Township protection. Seconded by Aukerman. Motion carried by unanimous roll call vote.

Dye wanted to inform the Board of an Unemployment billing for \$2,370.00 for the previous Deputy Treasurer, Karen Jennings. Dye is working with Jocks.

Dye also commented that there will not be a November election in 2015. The first 2016 election is March 8th, for presidential primary.

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

ADJOURN AT 10:00 pm



ACME TOWNSHIP REGULAR BOARD MEETING
ACME TOWNSHIP HALL
6042 Acme Road, Williamsburg MI 49690
Tuesday, October 6, 2015, 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. INQUIRY AS TO CONFLICTS OF INTEREST:

- D. 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.

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- b.** Clerk's Revenue/Expenditure Report and Balance Sheet
- c.** Draft Unapproved Meeting Minutes:
 - 1.** Planning Commission 09/14/15
- d.** Letter dated 09/11/15 from the Grand Traverse Band of Ottawa and Chippewa Indians to the Watershed Center regarding Stormwater Collection & Treatment System
- e.** North Flight monthly report
- f.** Final order affirming Tribal land 160 acres (Hoxie) into sovereign nation land

2. APPROVAL:

- a.** Regular meeting minutes of 09/01/15
- b.** Accounts Payable Prepaid of \$3,084.67 and Current to be approved of \$77,916.27 (Recommend approval: Cathy Dye, Clerk)

E. ITEMS REMOVED FROM THE CONSENT CALENDAR:

- 1.** _____
- 2.** _____
- 3.** _____

F. SPECIAL PRESENTATIONS/DISCUSSIONS:

Tart directions Acme Township-Julie Clark/Karly Wentzloff

G. REPORTS:

- 1.** Sheriff's Report- Deputy: Ken Chubb
- 2.** County Commissioner's Report-Carol Crawford
- 3.** Road commission report-Marc McKellar

H. CORRESPONDENCE:

I. PUBLIC HEARING:

J. NEW BUSINESS:

1. DPW 2016 budget approval—John Divozzo DPW Manager
2. DPW approval of new technical standards-John Divozzo-DPW Manager
3. Approval of new form based Architectural standards-Shawn Winter
4. Review of new Acme Township meeting format-supervisor
5. Resolution on Contact for MI Disaster Assistance Request- Parker
6. Bayside Park Clean up
7. Resolution for Maintenance of Deepwater Point #1 Drain

K. OLD BUSINESS:

1. Resolution for State Disaster Contingency Fund Grant

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

ADJOURN

ACME TOWNSHIP - Monthly Treasurer's Report

Reconciled with Bank as of August 31, 2015

			FUND #	July 31, 2015 Account Balance	NET CHANGE	August 31, 2015 Account Balance
Chase Bank			101-206 207-209 212-246	\$ 900,339	\$ (34,418)	\$ 865,921
Chemical Bank - High Yield				\$ 156,758	\$ 7	\$ 156,764
Chemical Bank - Money Market Plus				\$ 297,199	\$ 13	\$ 297,211
Chemical Bank - Liquor Fund			212	\$ 12,194	\$ 0.52	\$ 12,195
TOTAL BANK ACCOUNTS FOR GENERAL FUND				\$ 1,366,490	\$ (34,398)	\$ 1,332,092
Self Funded Accts Payable 6 Months	Committed	101	\$ 361,177	\$ -	\$ 361,177	
Saylor Park Boat Launch Imp	Committed	101	\$ 95,868	\$ -	\$ 95,868	
Septage Plant Bond Buyout	Committed	101	\$ 202,246	\$ -	\$ 202,246	
Water Engineering Study (GTB Grant)	Restricted	101	\$ 14,000	\$ -	\$ 14,000	
GTTC Engineer Project Management	Committed	101	\$ 40,000	\$ -	\$ 40,000	
Public Broadcast Equipment Fund	Restricted	101	\$ 6,864	\$ -	\$ 6,864	
PA48 Metro Fund -(PA 48 Twp Imp (SAD) \$20,401)	Restricted	101	\$ 39,038	\$ 0	\$ 39,038	
BS & A Funds	Committed	101	\$ -	\$ -	\$ -	
Sub-Total Assigned From GENERAL FUND			101	\$ 759,193	\$ 0	\$ 759,193
Funds within General Fund Bank Account (Restricted or Committed)						
Cemetery Fund	Committed	209	\$ 6,505	\$ (1,593)	\$ 4,912	
Fire Fund <i>Special Assessment</i>	Restricted	206	\$ 53,910	\$ (7,444)	\$ 46,466	
Police Fund <i>Special Assessment</i>	Restricted	207	\$ 100,163	\$ -	\$ 100,163	
Liquor Fund	Restricted	212	\$ 13,020	\$ 1	\$ 13,020	
Township Improvement (SAD)	Committed	246	\$ -	\$ -	\$ -	
SUB-TOTAL (Restricted or Committed)				\$ 173,598	\$ (9,036)	\$ 164,562
BALANCE			101	\$ 433,698		\$ 408,336
				Note ((A)-(B+C))		Note ((A)-(B+C))
RESTRICTED BY BOARD RESOLUTION ACCOUNTS:						
Shoreline Preserv. Fund	Committed	224	\$ 1,377	\$ 0	\$ 1,377	
Parks & Recreation	Committed	226	\$ 17,101	\$ 0	\$ 17,101	
Parks/Shoreline Fund (New Urbanist to Park/Shoreline)	Committed	227	\$ 27,890	\$ 1	\$ 27,890	
SUB-TOTAL				\$ 46,368		\$ 46,369
RESTRICTED BY MILLAGE:						
Farmland <i>Millage Chemical Bank</i>	Restricted	225	\$ 5,198	\$ 0	\$ 5,198	
Farmland <i>Millage Chase Bank</i>	Restricted	225	\$ 182,221	\$ 5	\$ 182,225	
Farmland Totals			\$ 187,419	\$ 5	\$ 187,423	
Tax Collection	Temporary Funds	703	\$ 523,004	\$ 55,921	\$ 578,925	
				\$ 710,422		\$ 766,348
RESTRICTED BY REVENUE SOURCE ACCOUNTS:						
Sewer Fund Chemical Bank	Restricted	590	\$ 196,746	\$ 8	\$ 196,754.14	
Sewer Fund Chase Bank	Restricted	590	\$ 1,150,943	\$ 146,977	\$ 1,297,920	
Sewer Fund Totals	Restricted	590	\$ 1,347,689	\$ 146,985	\$ 1,494,674	
Planning Review Fees (Trust & Agency) Escrow	Restricted	701	\$ 5	\$ (5)	\$ -	
Holiday Hills Special Assessment	Restricted	818	\$ 190,535	\$ -	\$ 190,535	
ACME TOWNSHIP RESTRICTED FUNDS				\$ 1,538,229		\$ 1,685,209
ACME TOWNSHIP ALL ACCOUNT BALANCES				\$ 3,661,509.1		\$ 3,830,018
				NOTE: (A+D+E+F)		NOTE: (A+D+E+F)

Amy Jenema, Treasurer

Notes: Committed = Board Resolution Restricted= Law or Outside Agency Controls Use of Funds

CATHY DYE

Acme Township

PERIOD ENDING 08/31/2015

GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 101 - GENERAL FUND						
Revenues						
Dept 000						
101-000-402.000	CURRENT PROPERTY TAXES	226,500.00	0.00	0.00	226,500.00	0.00
101-000-412.000	PERSONAL PROP TAXES	1,000.00	0.00	0.00	1,000.00	0.00
101-000-445.020	PENALTIES& INTEREST	500.00	220.37	0.00	279.63	44.07
101-000-447.000	ADMINISTRATIVE FEE 1%	104,600.00	19,619.62	11,110.57	84,980.38	18.76
101-000-448.000	CABLE TV FEE	82,500.00	0.00	22,086.60	82,500.00	0.00
101-000-465.000	PASSPORT FEES	3,200.00	425.00	75.00	2,775.00	13.28
101-000-574.000	ST SHARED SALES TAX	344,895.00	(58,365.00)	0.00	403,260.00	(16.92)
101-000-577.000	SWAMP TAX	1,000.00	0.00	0.00	1,000.00	0.00
101-000-602.000	GRANTS	50,000.00	20,070.00	20,070.00	29,930.00	40.14
101-000-607.000	CHARGES FOR SERVICES	0.00	29.30	29.30	(29.30)	100.00
101-000-608.001	Zoning Fees	14,500.00	4,011.00	2,106.00	10,489.00	27.66
101-000-610.000	Revenues for Escrow Account	60,000.00	42,025.61	35,900.00	17,974.39	70.04
101-000-631.000	CONS INDUSTRY ANNUAL MAINT FE	6,600.00	500.00	500.00	6,100.00	7.58
101-000-665.000	INTEREST ON INVESTMENTS	500.00	38.56	19.28	461.44	7.71
101-000-665.001	INTEREST SEPTAGE RECEIVED	1,400.00	0.00	0.00	1,400.00	0.00
101-000-667.000	RENT-PARKS	100.00	0.00	0.00	100.00	0.00
101-000-671.000	MISC REVENUES	4,000.00	0.00	0.00	4,000.00	0.00
101-000-676.000	REIMBURSEMENTS	24,000.00	767.19	368.50	23,232.81	3.20
101-000-676.701	REIMBURSEMENTS FROM 701	2,200.00	0.00	0.00	2,200.00	0.00
Total Dept 000		927,495.00	29,341.65	92,265.25	898,153.35	3.16
TOTAL Revenues		927,495.00	29,341.65	92,265.25	898,153.35	3.16
Expenditures						
Dept 000						
101-000-465.001	POSTAGE FOR PASSPORTS	550.00	110.06	0.00	439.94	20.01
101-000-992.000	CONTINGENCY	65,000.00	0.00	0.00	65,000.00	0.00
101-000-994.000	TC TALUS CONTRACT SERVICES	800.00	0.00	0.00	800.00	0.00
101-000-997.300	FOURTH OF JULY FIREWORKS	300.00	0.00	0.00	300.00	0.00
101-000-998.000	GT COUNTY ROAD COMMISSION TART	1,530.00	0.00	0.00	1,530.00	0.00
Total Dept 000		68,180.00	110.06	0.00	68,069.94	0.16
Dept 101-TOWNSHIP BOARD OF TRUSTEES						
101-101-702.000	SALARIES	27,000.00	4,380.76	2,230.76	22,619.24	16.23
101-101-703.001	SECRETARY	29,700.00	3,705.85	2,200.81	25,994.15	12.48
101-101-705.001	PER DIEM TRUSTEES	500.00	0.00	0.00	500.00	0.00
101-101-714.000	FICA LOCAL SHARE	4,650.00	515.59	284.63	4,134.41	11.09
101-101-726.000	SUPPLIES & POSTAGE	3,000.00	154.32	0.00	2,845.68	5.14
101-101-801.000	ACCOUNTING & AUDIT	11,000.00	0.00	0.00	11,000.00	0.00
101-101-801.001	INTERNAL ACCOUNTANT	2,500.00	0.00	0.00	2,500.00	0.00
101-101-802.001	ATTORNEY SERVICES LITIGATION	1,000.00	0.00	0.00	1,000.00	0.00
101-101-802.002	ATTORNEY SERVICES	17,000.00	0.00	0.00	17,000.00	0.00
101-101-802.005	CONTRACTED COMMUNITY SERVICES	50,000.00	0.00	0.00	50,000.00	0.00
101-101-803.003	ENGINEERING SERVICES	25,000.00	967.50	967.50	24,032.50	3.87
101-101-804.000	SOFTWARE SUPPORT & PROCESSIN	57,674.67	37,718.94	13,030.56	19,955.73	65.40
101-101-860.000	TRAVEL & MILEAGE	1,000.00	0.00	0.00	1,000.00	0.00
101-101-874.000	RETIREMENT/PENSION	3,270.00	462.47	233.16	2,807.53	14.14
101-101-900.000	PUBLICATIONS	2,000.00	186.24	186.24	1,813.76	9.31
101-101-910.000	INSURANCE	8,084.00	1,255.06	627.53	6,828.94	15.53
101-101-946.001	SUPPLIES/POSTAGE	150.00	7.00	0.00	143.00	4.67
101-101-958.000	EDUCATION/TRAINING/CONVENTION	500.00	0.00	0.00	500.00	0.00

09/30/2015 09:17 AM
 User: CATHY DYE
 DB: Acme Township

REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP

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PERIOD ENDING 08/31/2015

GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 101 - GENERAL FUND						
Expenditures						
101-101-960.000	dues subscriptions	5,350.00	5,432.20	35.00	(82.20)	101.54
Total Dept 101-TOWNSHIP BOARD OF TRUSTEES		249,378.67	54,785.93	19,796.19	194,592.74	21.97
Dept 171-SUPERVISOR EXPENDITURES						
101-171-702.000	SALARIES	37,000.00	4,838.44	2,846.16	32,161.56	13.08
101-171-714.000	FICA LOCAL SHARE	3,040.00	398.11	241.29	2,641.89	13.10
101-171-726.000	SUPPLIES & POSTAGE	100.00	0.00	0.00	100.00	0.00
101-171-860.000	TRAVEL & MILEAGE	500.00	0.00	0.00	500.00	0.00
101-171-874.000	RETIREMENT/PENSION	4,000.00	620.00	315.38	3,380.00	15.50
101-171-910.000	INSURANCE	4,000.00	507.70	307.70	3,492.30	12.69
101-171-958.000	EDUCATION/TRAINING/CONVENTION	1,000.00	0.00	0.00	1,000.00	0.00
Total Dept 171-SUPERVISOR EXPENDITURES		49,640.00	6,364.25	3,710.53	43,275.75	12.82
Dept 191-ELECTION EXPENDITURES						
101-191-702.000	SALARIES	10,000.00	0.00	0.00	10,000.00	0.00
101-191-714.000	FICA LOCAL SHARE	380.00	0.00	0.00	380.00	0.00
101-191-726.000	SUPPLIES & POSTAGE	5,000.00	28.32	28.32	4,971.68	0.57
101-191-900.000	PUBLICATIONS	800.00	0.00	0.00	800.00	0.00
Total Dept 191-ELECTION EXPENDITURES		16,180.00	28.32	28.32	16,151.68	0.18
Dept 209-ASSESSOR'S EXPENDITURES						
101-209-702.000	SALARIES	5,000.00	833.34	416.67	4,166.66	16.67
101-209-714.000	FICA LOCAL SHARE	383.00	63.75	31.88	319.25	16.64
101-209-726.000	SUPPLIES & POSTAGE	2,500.00	0.00	0.00	2,500.00	0.00
101-209-803.002	ASSESSING CONTRACT SERVICES	40,000.00	6,666.68	3,333.34	33,333.32	16.67
101-209-803.004	ASSESSOR'S EVALUATION SERVICES	2,000.00	0.00	0.00	2,000.00	0.00
101-209-804.000	SOFTWARE SUPPORT & PROCESSIN	1,500.00	1,192.00	1,192.00	308.00	79.47
Total Dept 209-ASSESSOR'S EXPENDITURES		51,383.00	8,755.77	4,973.89	42,627.23	17.04
Dept 215-CLERK'S EXPENDITURES						
101-215-702.000	SALARIES	37,008.00	4,697.16	2,846.76	32,310.84	12.69
101-215-703.000	WAGES DEPUTY/SEC/PRT TIME	18,304.00	2,048.00	1,344.00	16,256.00	11.19
101-215-714.000	FICA LOCAL SHARE	4,231.00	432.15	278.68	3,798.85	10.21
101-215-726.000	SUPPLIES & POSTAGE	1,500.00	6.96	6.96	1,493.04	0.46
101-215-804.000	SOFTWARE SUPPORT & PROCESSIN	1,500.00	0.00	0.00	1,500.00	0.00
101-215-860.000	TRAVEL & MILEAGE	2,000.00	0.00	0.00	2,000.00	0.00
101-215-874.000	RETIREMENT/PENSION	5,538.00	569.36	284.68	4,968.64	10.28
101-215-910.000	INSURANCE	12,200.00	1,891.42	945.71	10,308.58	15.50
101-215-958.000	EDUCATION/TRAINING/CONVENTION	2,000.00	0.00	0.00	2,000.00	0.00
Total Dept 215-CLERK'S EXPENDITURES		84,281.00	9,645.05	5,706.79	74,635.95	11.44
Dept 247-BOARD OF REVIEW						
101-247-702.000	SALARIES	800.00	0.00	0.00	800.00	0.00
101-247-714.000	FICA LOCAL SHARE	61.00	0.00	0.00	61.00	0.00
101-247-900.000	PUBLICATIONS	100.00	0.00	0.00	100.00	0.00
101-247-956.000	MISCELLANEOUS	200.00	0.00	0.00	200.00	0.00

User: CATHY DYE

DB: Acme Township

PERIOD ENDING 08/31/2015

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Fund 101 - GENERAL FUND						
Expenditures						
Total Dept 247-BOARD OF REVIEW		1,161.00	0.00	0.00	1,161.00	0.00
Dept 253-TREASURER'S EXPENDITURES						
101-253-702.000	SALARIES	25,159.00	3,193.26	1,935.30	21,965.74	12.69
101-253-703.000	WAGES DEPUTY/SEC/PRT TIME	25,159.00	3,193.26	1,935.30	21,965.74	12.69
101-253-714.000	FICA LOCAL SHARE	3,825.00	471.93	287.79	3,353.07	12.34
101-253-726.000	SUPPLIES & POSTAGE	5,000.00	1,861.33	1,861.33	3,138.67	37.23
101-253-804.000	SOFTWARE SUPPORT & PROCESSIN	1,000.00	0.00	0.00	1,000.00	0.00
101-253-860.000	TRAVEL & MILEAGE	1,000.00	0.00	0.00	1,000.00	0.00
101-253-874.000	RETIREMENT/PENSION	5,032.00	774.16	387.08	4,257.84	15.38
101-253-910.000	INSURANCE	2,200.00	183.24	91.62	2,016.76	8.33
101-253-958.000	EDUCATION/TRAINING/CONVENTION	1,000.00	0.00	0.00	1,000.00	0.00
Total Dept 253-TREASURER'S EXPENDITURES		69,375.00	9,677.18	6,498.42	59,697.82	13.95
Dept 265-TOWNHALL EXPENDITURES						
101-265-726.000	SUPPLIES & POSTAGE	1,500.00	91.85	77.47	1,408.15	6.12
101-265-851.000	CABLE INTERNET SERVICES	4,000.00	659.96	333.92	3,340.04	16.50
101-265-920.000	ELECTRIC UTILITIES TOWNHALL	11,000.00	1,754.91	912.72	9,245.09	15.95
101-265-921.000	STREET LIGHTS	12,500.00	926.69	926.69	11,573.31	7.41
101-265-922.000	MICH CON GAS	4,000.00	196.39	33.46	3,803.61	4.91
101-265-923.000	SEWER TOWNSHIP HALL	800.00	0.00	0.00	800.00	0.00
101-265-930.000	REPAIRS & MAINT	5,500.00	856.97	666.98	4,643.03	15.58
Total Dept 265-TOWNHALL EXPENDITURES		39,300.00	4,486.77	2,951.24	34,813.23	11.42
Dept 410-PLANNING & ZONING EXPENDITURES						
101-410-702.000	SALARIES	0.00	0.00	(1,762.80)	0.00	0.00
101-410-702.002	ZONING ADMIN SALARY	50,000.00	5,135.59	5,224.34	44,864.41	10.27
101-410-705.000	PER DIEM PLANNING/ZBA	18,500.00	75.00	0.00	18,425.00	0.41
101-410-714.000	FICA LOCAL SHARE	5,210.00	540.47	326.59	4,669.53	10.37
101-410-726.000	SUPPLIES & POSTAGE	400.00	0.00	0.00	400.00	0.00
101-410-726.001	POSTAGE T & A	100.00	0.00	0.00	100.00	0.00
101-410-802.002	ATTORNEY SERVICES	16,000.00	0.00	0.00	16,000.00	0.00
101-410-802.003	ATTORNEY T & A	20,000.00	3,403.72	3,403.72	16,596.28	17.02
101-410-803.000	PLANNER SERVICES	15,000.00	2,055.00	2,055.00	12,945.00	13.70
101-410-803.001	PLANNING CONSULTANT	18,000.00	750.00	750.00	17,250.00	4.17
101-410-803.003	ENGINEERING SERVICES	29,000.00	0.00	0.00	29,000.00	0.00
101-410-803.004	ENGINEERING SERVICES T&A	10,000.00	10,947.50	10,947.50	(947.50)	109.48
101-410-803.005	PLANNING & CONSULTANT T & A	0.00	18,700.12	18,700.12	(18,700.12)	100.00
101-410-804.000	SOFTWARE SUPPORT & PROCESSIN	500.00	0.00	0.00	500.00	0.00
101-410-860.000	TRAVEL & MILEAGE	500.00	0.00	0.00	500.00	0.00
101-410-874.000	RETIREMENT/PENSION	2,500.00	67.38	0.00	2,432.62	2.70
101-410-900.000	PUBLICATIONS	2,500.00	393.25	393.25	2,106.75	15.73
101-410-900.001	PUBLICATIONS T & A	900.00	0.00	0.00	900.00	0.00
101-410-910.000	INSURANCE	10,000.00	429.52	307.70	9,570.48	4.30
101-410-949.000	RENTAL OF SPACE	300.00	0.00	0.00	300.00	0.00
101-410-958.000	EDUCATION/TRAINING/CONVENTION	2,500.00	0.00	0.00	2,500.00	0.00
101-410-960.000	dues subscriptions	500.00	0.00	0.00	500.00	0.00
Total Dept 410-PLANNING & ZONING EXPENDITURES		202,410.00	42,497.55	40,345.42	159,912.45	21.00

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GL NUMBER	DESCRIPTION	2015-16	YTD BALANCE	ACTIVITY FOR		AVAILABLE		% BDGT USED
		AMENDED BUDGET	08/31/2015 NORMAL (ABNORMAL)	MONTH 08/31/2015 INCREASE (DECREASE)	BALANCE NORMAL (ABNORMAL)			
Fund 101 - GENERAL FUND								
Expenditures								
Dept 750-MAINT & PARKS EXPENDITURES								
101-750-702.000	SALARIES	47,600.00	6,535.13	3,992.12	41,064.87	13.73		
101-750-703.000	WAGES DEPUTY/SEC/PRT TIME	9,000.00	3,695.00	2,495.00	5,305.00	41.06		
101-750-714.000	FICA LOCAL SHARE	4,230.00	681.56	433.34	3,548.44	16.11		
101-750-726.000	SUPPLIES & POSTAGE	2,000.00	0.00	0.00	2,000.00	0.00		
101-750-860.000	TRAVEL & MILEAGE	95.00	0.00	0.00	95.00	0.00		
101-750-874.000	RETIREMENT/PENSION	4,760.00	765.77	399.21	3,994.23	16.09		
101-750-910.000	INSURANCE	13,000.00	1,878.20	939.10	11,121.80	14.45		
101-750-930.000	REPAIRS & MAINT	23,990.00	1,961.99	1,396.15	22,028.01	8.18		
101-750-956.000	MISCELLANEOUS	2,000.00	0.00	0.00	2,000.00	0.00		
Total Dept 750-MAINT & PARKS EXPENDITURES		106,675.00	15,517.65	9,654.92	91,157.35	14.55		
Dept 861-RETIREMENT/PENSION								
101-861-874.000	RETIREMENT/PENSION	1,200.00	1,245.00	0.00	(45.00)	103.75		
Total Dept 861-RETIREMENT/PENSION		1,200.00	1,245.00	0.00	(45.00)	103.75		
Dept 865-INSURANCE								
101-865-910.000	INSURANCE	12,000.00	1,937.00	0.00	10,063.00	16.14		
Total Dept 865-INSURANCE		12,000.00	1,937.00	0.00	10,063.00	16.14		
Dept 970-CAPITAL IMPROVEMENTS								
101-970-975.000	TWNHALL CAPITAL IMPROVE	400.00	0.00	0.00	400.00	0.00		
Total Dept 970-CAPITAL IMPROVEMENTS		400.00	0.00	0.00	400.00	0.00		
TOTAL Expenditures		951,563.67	155,050.53	93,665.72	796,513.14	16.29		
Fund 101 - GENERAL FUND:								
TOTAL REVENUES		927,495.00	29,341.65	92,265.25	898,153.35	3.16		
TOTAL EXPENDITURES		951,563.67	155,050.53	93,665.72	796,513.14	16.29		
NET OF REVENUES & EXPENDITURES		(24,068.67)	(125,708.88)	(1,400.47)	101,640.21	522.29		

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 206 - FIRE FUND						
Revenues						
Dept 000						
206-000-402.000	CURRENT PROPERTY TAXES	733,463.00	0.00	0.00	733,463.00	0.00
206-000-671.000	MISC REVENUES	0.00	899.00	899.00	(899.00)	100.00
206-000-698.000	TRANS IN FRM OTHER FUNDS	4,000.00	0.00	0.00	4,000.00	0.00
Total Dept 000		737,463.00	899.00	899.00	736,564.00	0.12
TOTAL Revenues		737,463.00	899.00	899.00	736,564.00	0.12
Expenditures						
Dept 000						
206-000-802.004	CONTRACTED EMPLOYEE SERVICES	91,300.00	0.00	0.00	91,300.00	0.00
206-000-805.000	METRO FIRE CONTRACT	645,447.12	0.00	0.00	645,447.12	0.00
206-000-964.000	REIMBURSEMENTS	0.00	899.00	899.00	(899.00)	100.00
Total Dept 000		736,747.12	899.00	899.00	735,848.12	0.12
TOTAL Expenditures		736,747.12	899.00	899.00	735,848.12	0.12
Fund 206 - FIRE FUND:						
TOTAL REVENUES		737,463.00	899.00	899.00	736,564.00	0.12
TOTAL EXPENDITURES		736,747.12	899.00	899.00	735,848.12	0.12
NET OF REVENUES & EXPENDITURES		715.88	0.00	0.00	715.88	0.00

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 207 - POLICE PROTECTION						
Revenues						
Dept 000						
207-000-402.000	CURRENT PROPERTY TAXES	43,850.00	0.00	0.00	43,850.00	0.00
207-000-671.000	MISC REVENUES	27,550.00	0.00	0.00	27,550.00	0.00
207-000-698.000	TRANS IN FRM OTHER FUNDS	8,600.00	0.00	0.00	8,600.00	0.00
Total Dept 000		80,000.00	0.00	0.00	80,000.00	0.00
TOTAL Revenues		80,000.00	0.00	0.00	80,000.00	0.00
Expenditures						
Dept 000						
207-000-802.000	COMMUNITY POLICING CONTRACT	78,500.00	19,147.00	19,147.00	59,353.00	24.39
Total Dept 000		78,500.00	19,147.00	19,147.00	59,353.00	24.39
TOTAL Expenditures		78,500.00	19,147.00	19,147.00	59,353.00	24.39
Fund 207 - POLICE PROTECTION:						
TOTAL REVENUES		80,000.00	0.00	0.00	80,000.00	0.00
TOTAL EXPENDITURES		78,500.00	19,147.00	19,147.00	59,353.00	24.39
NET OF REVENUES & EXPENDITURES		1,500.00	(19,147.00)	(19,147.00)	20,647.00	1,276.47

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 209 - CEMETERY FUND						
Revenues						
Dept 000						
209-000-643.000	CEMETARY lot &plots	2,400.00	0.00	0.00	2,400.00	0.00
209-000-646.000	BURIAL FEE PAYMENTS	3,000.00	600.00	0.00	2,400.00	20.00
Total Dept 000		5,400.00	600.00	0.00	4,800.00	11.11
TOTAL Revenues		5,400.00	600.00	0.00	4,800.00	11.11
Expenditures						
Dept 000						
209-000-726.000	SUPPLIES & POSTAGE	500.00	92.93	92.93	407.07	18.59
209-000-802.004	CONTRACTED EMPLOYEE SERVICES	2,000.00	400.00	200.00	1,600.00	20.00
209-000-930.000	REPAIRS & MAINT	2,500.00	0.00	0.00	2,500.00	0.00
Total Dept 000		5,000.00	492.93	292.93	4,507.07	9.86
TOTAL Expenditures		5,000.00	492.93	292.93	4,507.07	9.86
Fund 209 - CEMETERY FUND:						
TOTAL REVENUES		5,400.00	600.00	0.00	4,800.00	11.11
TOTAL EXPENDITURES		5,000.00	492.93	292.93	4,507.07	9.86
NET OF REVENUES & EXPENDITURES		400.00	107.07	(292.93)	292.93	26.77

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 212 - LIQUOR FUND						
Revenues						
Dept 000						
212-000-443.000	LIQUOR LICENSE FEES	9,000.00	0.00	0.00	9,000.00	0.00
212-000-665.000	INTEREST ON INVESTMENTS	0.00	1.04	0.52	(1.04)	100.00
Total Dept 000		9,000.00	1.04	0.52	8,998.96	0.01
TOTAL Revenues		9,000.00	1.04	0.52	8,998.96	0.01
Expenditures						
Dept 000						
212-000-999.000	TRANSFER TO OTHER FUNDS	8,660.00	0.00	0.00	8,660.00	0.00
Total Dept 000		8,660.00	0.00	0.00	8,660.00	0.00
TOTAL Expenditures		8,660.00	0.00	0.00	8,660.00	0.00
Fund 212 - LIQUOR FUND:						
TOTAL REVENUES		9,000.00	1.04	0.52	8,998.96	0.01
TOTAL EXPENDITURES		8,660.00	0.00	0.00	8,660.00	0.00
NET OF REVENUES & EXPENDITURES		340.00	1.04	0.52	338.96	0.31

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 224 - SHORELINE PPRESERVATION						
Revenues						
Dept 000						
224-000-665.000	INTEREST ON INVESTMENTS	0.00	0.06	0.03	(0.06)	100.00
Total Dept 000		0.00	0.06	0.03	(0.06)	100.00
TOTAL Revenues		0.00	0.06	0.03	(0.06)	100.00
Fund 224 - SHORELINE PPRESERVATION:						
TOTAL REVENUES		0.00	0.06	0.03	(0.06)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	0.06	0.03	(0.06)	100.00

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 225 - FARMLAND PRESERVATION						
Revenues						
Dept 000						
225-000-402.000	CURRENT PROPERTY TAXES	265,000.00	0.00	0.00	265,000.00	0.00
225-000-665.000	INTEREST ON INVESTMENTS	10.00	9.79	4.85	0.21	97.90
Total Dept 000		265,010.00	9.79	4.85	265,000.21	0.00
TOTAL Revenues		265,010.00	9.79	4.85	265,000.21	0.00
Expenditures						
Dept 000						
225-000-802.002	ATTORNEY SERVICES	3,000.00	0.00	0.00	3,000.00	0.00
225-000-802.004	CONTRACTED EMPLOYEE SERVICES	20,000.00	0.00	0.00	20,000.00	0.00
225-000-941.000	PDR PYMT TO LANDOWNERS	200,000.00	0.00	0.00	200,000.00	0.00
225-000-942.000	APPRASAL EXPENSES	2,500.00	0.00	0.00	2,500.00	0.00
Total Dept 000		225,500.00	0.00	0.00	225,500.00	0.00
TOTAL Expenditures		225,500.00	0.00	0.00	225,500.00	0.00
Fund 225 - FARMLAND PRESERVATION:						
TOTAL REVENUES		265,010.00	9.79	4.85	265,000.21	0.00
TOTAL EXPENDITURES		225,500.00	0.00	0.00	225,500.00	0.00
NET OF REVENUES & EXPENDITURES		39,510.00	9.79	4.85	39,500.21	0.02

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 226 - PARK and RECREATION FUND						
Revenues						
Dept 000						
226-000-600.000	CONTRIBUTIONS FROM RESIDENTS	5,200.00	0.00	0.00	5,200.00	0.00
226-000-665.000	INTEREST ON INVESTMENTS	5.00	0.86	0.43	4.14	17.20
Total Dept 000		5,205.00	0.86	0.43	5,204.14	0.02
TOTAL Revenues		5,205.00	0.86	0.43	5,204.14	0.02
Expenditures						
Dept 000						
226-000-930.005	SHORELINE REDEVELOPMENT	5,000.00	0.00	0.00	5,000.00	0.00
Total Dept 000		5,000.00	0.00	0.00	5,000.00	0.00
TOTAL Expenditures		5,000.00	0.00	0.00	5,000.00	0.00
Fund 226 - PARK and RECREATION FUND:						
TOTAL REVENUES		5,205.00	0.86	0.43	5,204.14	0.02
TOTAL EXPENDITURES		5,000.00	0.00	0.00	5,000.00	0.00
NET OF REVENUES & EXPENDITURES		205.00	0.86	0.43	204.14	0.42

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 227 - NEW URBANIST TOWN CENTER						
Revenues						
Dept 000						
227-000-665.000	INTEREST ON INVESTMENTS	4.00	1.42	0.71	2.58	35.50
Total Dept 000		4.00	1.42	0.71	2.58	35.50
TOTAL Revenues		4.00	1.42	0.71	2.58	35.50
Fund 227 - NEW URBANIST TOWN CENTER:						
TOTAL REVENUES		4.00	1.42	0.71	2.58	35.50
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		4.00	1.42	0.71	2.58	35.50

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		2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
GL NUMBER	DESCRIPTION					
Fund 590 - ACME RELIEF SEWER						
Revenues						
Dept 000						
590-000-460.000	USAGE&CONNECTION FEES	870,000.00	0.00	194,014.22	870,000.00	0.00
590-000-665.000	INTEREST ON INVESTMENTS	525.00	76.82	38.81	448.18	14.63
Total Dept 000		870,525.00	76.82	194,053.03	870,448.18	0.01
Dept 550-HOPE VILLAGE- WATER						
590-550-450.000	USAGE FEES	14,000.00	0.00	0.00	14,000.00	0.00
Total Dept 550-HOPE VILLAGE- WATER		14,000.00	0.00	0.00	14,000.00	0.00
TOTAL Revenues		884,525.00	76.82	194,053.03	884,448.18	0.01
Expenditures						
Dept 000						
590-000-803.003	ENGINEERING SERVICES	45,000.00	1,177.00	1,177.00	43,823.00	2.62
590-000-956.001	OPERATING & MAINT EXP	451,254.00	34,786.71	34,786.71	416,467.29	7.71
590-000-956.003	HOCH ROAD #697 EXP	1,550.00	172.36	172.36	1,377.64	11.12
590-000-995.001	INTEREST on BONDS	250,000.00	0.00	0.00	250,000.00	0.00
Total Dept 000		747,804.00	36,136.07	36,136.07	711,667.93	4.83
Dept 550-HOPE VILLAGE- WATER						
590-550-956.001	OPERATING & MAINT EXP	14,000.00	1,554.77	1,554.77	12,445.23	11.11
Total Dept 550-HOPE VILLAGE- WATER		14,000.00	1,554.77	1,554.77	12,445.23	11.11
TOTAL Expenditures		761,804.00	37,690.84	37,690.84	724,113.16	4.95
Fund 590 - ACME RELIEF SEWER:						
TOTAL REVENUES		884,525.00	76.82	194,053.03	884,448.18	0.01
TOTAL EXPENDITURES		761,804.00	37,690.84	37,690.84	724,113.16	4.95
NET OF REVENUES & EXPENDITURES		122,721.00	(37,614.02)	156,362.19	160,335.02	30.65

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GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 703 - CURRENT TAX COLLECTION						
Expenditures						
Dept 000						
703-000-956.000	MISCELLANEOUS	0.00	262.42	0.00	(262.42)	100.00
Total Dept 000		0.00	262.42	0.00	(262.42)	100.00
TOTAL Expenditures		0.00	262.42	0.00	(262.42)	100.00
Fund 703 - CURRENT TAX COLLECTION:						
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	262.42	0.00	(262.42)	100.00
NET OF REVENUES & EXPENDITURES		0.00	(262.42)	0.00	262.42	100.00

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REVENUE AND EXPENDITURE REPORT FOR ACME TOWNSHIP

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PERIOD ENDING 08/31/2015

GL NUMBER	DESCRIPTION	2015-16 AMENDED BUDGET	YTD BALANCE 08/31/2015 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 08/31/2015 INCREASE (DECREASE)	AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
Fund 818 - HOLIDAY HILLS AREA IMPROVEMENT						
Revenues						
Dept 000						
818-000-665.000	INTEREST ON INVESTMENTS	150.00	0.00	0.00	150.00	0.00
818-000-671.000	MISC REVENUES	2,560.00	0.00	0.00	2,560.00	0.00
818-000-672.020	PREPAID ASSESSMENTS	55,610.00	0.00	0.00	55,610.00	0.00
Total Dept 000		58,320.00	0.00	0.00	58,320.00	0.00
TOTAL Revenues		58,320.00	0.00	0.00	58,320.00	0.00
Expenditures						
Dept 000						
818-000-726.000	SUPPLIES & POSTAGE	0.00	0.00	116.65	0.00	0.00
818-000-900.000	PUBLICATIONS	500.00	0.00	0.00	500.00	0.00
818-000-997.000	DEBT PAYMENT TO COUNTY	22,818.75	0.00	0.00	22,818.75	0.00
Total Dept 000		23,318.75	0.00	116.65	23,318.75	0.00
TOTAL Expenditures		23,318.75	0.00	116.65	23,318.75	0.00
Fund 818 - HOLIDAY HILLS AREA IMPROVEMENT:						
TOTAL REVENUES		58,320.00	0.00	0.00	58,320.00	0.00
TOTAL EXPENDITURES		23,318.75	0.00	116.65	23,318.75	0.00
NET OF REVENUES & EXPENDITURES		35,001.25	0.00	(116.65)	35,001.25	0.00
TOTAL REVENUES - ALL FUNDS						
TOTAL EXPENDITURES - ALL FUNDS						
NET OF REVENUES & EXPENDITURES		176,328.46	(182,612.08)	135,411.68	358,940.54	103.56

Fund 101 GENERAL FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
101-000-001.000	CASH-CHECKING	740,085.57	703,367.53
101-000-002.000	CASH ON HAND (PETTY CASH)	200.00	200.00
101-000-004.000	3735-MONEY MARKET	297,186.18	297,211.42
101-000-005.000	1886-HIGH YIELD	156,751.01	156,764.33
101-000-072.000	G.T. COUNTY SEPTAGE BOND/LOAN	138,410.66	138,410.66
101-000-102.000	DUE FROM OTHER FUNDS	56,261.04	56,261.04
101-000-123.000	PREPAID EXPENSE	8,124.20	8,124.20
Total Assets		1,534,835.63	1,360,339.18
*** Liabilities ***			
101-000-202.000	ACCOUNTS PAYABLE	30,923.18	(10,392.11)
101-000-230.000	ACCRUED RETIREMENT PENSION	18,516.31	18,516.31
101-000-231.000	DUE TO LOVASCO RETIREMENT	0.00	3,259.14
101-000-231.200	OTHER PAYROLL DEDUCTIONS	5,192.97	2,138.81
101-000-339.000	DEFERRED REVENUE	65,766.20	65,766.20
Total Liabilities		128,075.92	79,288.35
*** Fund Balance ***			
101-000-390.000	Fund Balance	916,633.62	916,633.62
101-000-393.000	Assigned Fund Balance	411,920.00	411,920.00
Total Fund Balance		1,328,553.62	1,328,553.62
Beginning Fund Balance - 14-15			1,328,553.62
Net of Revenues VS Expenditures - 14-15			78,206.09
*14-15 End FB/15-16 Beg FB			1,406,759.71
Net of Revenues VS Expenditures - Current Year			(125,708.88)
Ending Fund Balance			1,281,050.83
Total Liabilities And Fund Balance			1,360,339.18

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BALANCE SHEET FOR ACME TOWNSHIP
Period Ending 08/31/2015

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Fund 206 FIRE FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
206-000-001.000	CASH-CHECKING	61,353.42	46,466.28
206-000-123.000	PREPAID EXPENSE	290,657.08	290,657.08
Total Assets		352,010.50	337,123.36
*** Liabilities ***			
Total Liabilities		14,887.14	0.00
*** Fund Balance ***			
206-000-390.000	Fund Balance	380,526.71	380,526.71
Total Fund Balance		380,526.71	380,526.71
Beginning Fund Balance - 14-15			380,526.71
Net of Revenues VS Expenditures - 14-15			(43,403.35)
*14-15 End FB/15-16 Beg FB		337,123.36	
Net of Revenues VS Expenditures - Current Year			0.00
Ending Fund Balance			337,123.36
Total Liabilities And Fund Balance			337,123.36

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BALANCE SHEET FOR ACME TOWNSHIP
Period Ending 08/31/2015

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Fund 207 POLICE PROTECTION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
207-000-001.000	CASH-CHECKING	138,457.07	100,163.07
Total Assets		138,457.07	100,163.07
*** Liabilities ***			
Total Liabilities		19,147.00	0.00
*** Fund Balance ***			
207-000-390.000	Fund Balance	144,766.00	144,766.00
Total Fund Balance		144,766.00	144,766.00
Beginning Fund Balance - 14-15			144,766.00
Net of Revenues VS Expenditures - 14-15			(25,455.93)
*14-15 End FB/15-16 Beg FB		119,310.07	
Net of Revenues VS Expenditures - Current Year			(19,147.00)
Ending Fund Balance			100,163.07
Total Liabilities And Fund Balance			100,163.07

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BALANCE SHEET FOR ACME TOWNSHIP
Period Ending 08/31/2015

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Fund 209 CEMETERY FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
209-000-001.000	CASH-CHECKING	5,940.31	4,912.34
Total Assets		5,940.31	4,912.34
*** Liabilities ***			
Total Liabilities		1,135.04	0.00
*** Fund Balance ***			
209-000-390.000	Fund Balance	4,631.59	4,631.59
Total Fund Balance		4,631.59	4,631.59
Beginning Fund Balance - 14-15			4,631.59
Net of Revenues VS Expenditures - 14-15			173.68
*14-15 End FB/15-16 Beg FB		4,805.27	
Net of Revenues VS Expenditures - Current Year			107.07
Ending Fund Balance			4,912.34
Total Liabilities And Fund Balance			4,912.34

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BALANCE SHEET FOR ACME TOWNSHIP
Period Ending 08/31/2015

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Fund 212 LIQUOR FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
212-000-001.000	CASH-CHECKING	826.04	825.54
212-000-004.000	0650-MONEY MARKET	12,193.29	12,194.83
Total Assets		13,019.33	13,020.37
*** Liabilities ***			
Total Liabilities		0.00	0.00
*** Fund Balance ***			
212-000-390.000	Fund Balance	12,849.62	12,849.62
Total Fund Balance		12,849.62	12,849.62
Beginning Fund Balance - 14-15			12,849.62
Net of Revenues VS Expenditures - 14-15			169.71
*14-15 End FB/15-16 Beg FB		13,019.33	
Net of Revenues VS Expenditures - Current Year			1.04
Ending Fund Balance			13,020.37
Total Liabilities And Fund Balance			13,020.37

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BALANCE SHEET FOR ACME TOWNSHIP
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Fund 224 SHORELINE PPRESERVATION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
224-000-001.000	6244-CASH-CHECKING	1,377.38	1,377.44
Total Assets		1,377.38	1,377.44
*** Liabilities ***			
Total Liabilities		0.00	0.00
*** Fund Balance ***			
224-000-390.000	Fund Balance	1,436.95	1,436.95
Total Fund Balance		1,436.95	1,436.95
Beginning Fund Balance - 14-15			1,436.95
Net of Revenues VS Expenditures - 14-15			(59.57)
*14-15 End FB/15-16 Beg FB		1,377.38	
Net of Revenues VS Expenditures - Current Year			0.06
Ending Fund Balance			1,377.44
Total Liabilities And Fund Balance			1,377.44

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BALANCE SHEET FOR ACME TOWNSHIP
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Fund 225 FARMLAND PRESERVATION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
225-000-001.000	9937-CASH-CHECKING	189,715.89	182,225.24
225-000-004.000	4319-MONEY MARKET	5,197.80	5,198.24
Total Assets		194,913.69	187,423.48
*** Liabilities ***			
Total Liabilities		7,500.00	0.00
*** Fund Balance ***			
225-000-390.000	Fund Balance	634,272.71	634,272.71
Total Fund Balance		634,272.71	634,272.71
Beginning Fund Balance - 14-15			634,272.71
Net of Revenues VS Expenditures - 14-15			(446,859.02)
*14-15 End FB/15-16 Beg FB		187,413.69	
Net of Revenues VS Expenditures - Current Year			9.79
Ending Fund Balance			187,423.48
Total Liabilities And Fund Balance			187,423.48

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BALANCE SHEET FOR ACME TOWNSHIP
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Fund 226 PARK and RECREATION FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
226-000-001.000	9937-CASH-CHECKING	17,100.09	17,100.95
Total Assets		17,100.09	17,100.95
*** Liabilities ***			
Total Liabilities		0.00	0.00
*** Fund Balance ***			
226-000-390.000	Fund Balance	9,835.94	9,835.94
Total Fund Balance		9,835.94	9,835.94
Beginning Fund Balance - 14-15			9,835.94
Net of Revenues VS Expenditures - 14-15			7,264.15
*14-15 End FB/15-16 Beg FB		17,100.09	
Net of Revenues VS Expenditures - Current Year			0.86
Ending Fund Balance			17,100.95
Total Liabilities And Fund Balance			17,100.95

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BALANCE SHEET FOR ACME TOWNSHIP
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Fund 227 NEW URBANIST TOWN CENTER

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
227-000-001.000	9729-CASH-CHECKING	27,889.03	27,890.45
Total Assets		27,889.03	27,890.45
*** Liabilities ***			
Total Liabilities		0.00	0.00
*** Fund Balance ***			
227-000-390.000	Fund Balance	27,880.67	27,880.67
Total Fund Balance		27,880.67	27,880.67
Beginning Fund Balance - 14-15			27,880.67
Net of Revenues VS Expenditures - 14-15			8.36
*14-15 End FB/15-16 Beg FB		27,889.03	
Net of Revenues VS Expenditures - Current Year			1.42
Ending Fund Balance			27,890.45
Total Liabilities And Fund Balance			27,890.45

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BALANCE SHEET FOR ACME TOWNSHIP
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Fund 246 TWP IMPROVEMENT REVOLVING FUND

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
	Total Assets	0.00	0.00
*** Liabilities ***			
	Total Liabilities	0.00	0.00
*** Fund Balance ***			
246-000-390.000	Fund Balance	50,000.00	50,000.00
	Total Fund Balance	50,000.00	50,000.00
	Beginning Fund Balance - 14-15		50,000.00
	Net of Revenues VS Expenditures - 14-15		(50,000.00)
	*14-15 End FB/15-16 Beg FB	0.00	
	Net of Revenues VS Expenditures - Current Year		0.00
	Ending Fund Balance		0.00
	Total Liabilities And Fund Balance		0.00

* Year Not Closed

Fund 590 ACME RELIEF SEWER

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
590-000-001.000	9945-CASH-CHECKING	1,381,033.84	1,297,919.57
590-000-004.000	0651-MONEY MARKET	196,737.44	196,754.14
590-000-132.000	SEPTIC PLANT	470,853.00	470,853.00
590-000-133.000	ACCUMULATED DEPRECIATION	(65,737.06)	(65,737.06)
590-000-152.000	WATER SYSTEMS	177,000.00	177,000.00
590-000-153.000	ACCUMULATED DEPRECIATION-WATE	(60,475.00)	(60,475.00)
590-000-154.000	SEWER SYSTEMS	11,611,103.07	11,611,103.07
590-000-155.000	ACCUMULATED DEPREC-SEWER	(5,180,171.06)	(5,180,171.06)
590-000-160.000	LOAN ACQUISITION FEES	1,723.00	1,723.00
590-000-161.000	ACCUM AMORT LOAN ACCQU FEES	(1,723.00)	(1,723.00)
Total Assets		8,530,344.23	8,447,246.66
*** Liabilities ***			
590-000-202.000	ACCOUNTS PAYABLE	78,392.50	32,908.95
590-000-250.000	BONDS PAYABLE LONG TERM	1,187,782.00	1,187,782.00
590-000-250.001	ACCR.INTEREST ON BONDS	9,130.00	9,130.00
590-000-250.100	Current portion of Bonds	206,362.00	206,362.00
590-000-251.002	PREMIUM OF REFUNDED BONDS	59,054.00	59,054.00
590-500-300.000	BONDS: SEPTAGE LONG TERM	309,215.00	309,215.00
Total Liabilities		1,849,935.50	1,804,451.95
*** Fund Balance ***			
590-000-390.000	Fund Balance	963,651.49	963,651.49
590-000-395.000	RETAINED EARNINGS	5,334,752.22	5,334,752.22
Total Fund Balance		6,298,403.71	6,298,403.71
Beginning Fund Balance - 14-15			6,298,403.71
Net of Revenues VS Expenditures - 14-15			382,005.02
*14-15 End FB/15-16 Beg FB		6,680,408.73	
Net of Revenues VS Expenditures - Current Year			(37,614.02)
Ending Fund Balance			6,642,794.71
Total Liabilities And Fund Balance			8,447,246.66

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BALANCE SHEET FOR ACME TOWNSHIP
Period Ending 08/31/2015

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Fund 701 TRUST AND AGENCY

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
701-000-100.100	IMMANUAL/BATES ACCT RECEIVABL	56,261.04	56,261.04
Total Assets		71,819.72	56,261.04
*** Liabilities ***			
701-000-214.000	DUE TO OTHER FUNDS	56,261.04	56,261.04
Total Liabilities		71,819.72	56,261.04
*** Fund Balance ***			
Total Fund Balance		0.00	0.00
Beginning Fund Balance - 14-15			0.00
Net of Revenues VS Expenditures - 14-15			0.00
*14-15 End FB/15-16 Beg FB		0.00	
Net of Revenues VS Expenditures - Current Year			0.00
Ending Fund Balance			0.00
Total Liabilities And Fund Balance			56,261.04

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BALANCE SHEET FOR ACME TOWNSHIP
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Fund 703 CURRENT TAX COLLECTION

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
703-000-001.000	CASH-CHECKING	1,765.91	962,611.70
Total Assets		1,765.91	962,611.70
*** Liabilities ***			
703-000-202.000	ACCOUNTS PAYABLE	310,823.09	310,823.09
703-000-273.000	UNDISTRIBUTED TAX	(420,740.22)	540,367.99
703-000-274.000	EARNED INTEREST UNDISTRIBUTED	133,361.16	133,361.16
Total Liabilities		23,444.03	984,552.24
*** Fund Balance ***			
703-000-390.000	Fund Balance	(21,678.12)	(21,678.12)
Total Fund Balance		(21,678.12)	(21,678.12)
Beginning Fund Balance - 14-15			(21,678.12)
Net of Revenues VS Expenditures - 14-15			0.00
*14-15 End FB/15-16 Beg FB		(21,678.12)	
Net of Revenues VS Expenditures - Current Year			(262.42)
Ending Fund Balance			(21,940.54)
Total Liabilities And Fund Balance			962,611.70

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BALANCE SHEET FOR ACME TOWNSHIP
Period Ending 08/31/2015

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Fund 818 HOLIDAY HILLS AREA IMPROVEMENT

GL Number	Description	Current Year Beg. Balance	Balance
*** Assets ***			
818-000-001.000	9307-CASH-CHECKING	190,651.58	190,534.93
Total Assets		190,651.58	190,534.93
*** Liabilities ***			
Total Liabilities		116.65	0.00
*** Fund Balance ***			
Total Fund Balance		0.00	0.00
Beginning Fund Balance - 14-15			0.00
Net of Revenues VS Expenditures - 14-15			190,534.93
*14-15 End FB/15-16 Beg FB		190,534.93	
Net of Revenues VS Expenditures - Current Year			0.00
Ending Fund Balance			190,534.93
Total Liabilities And Fund Balance			190,534.93

* Year Not Closed



ACME TOWNSHIP PLANNING COMMISSION MEETING
ACME TOWNSHIP HALL
6042 Acme Road, Williamsburg MI 49690
September 14, 2015 7:00 p.m.

CALL TO ORDER WITH PLEDGE OF ALLEGIANCE at 7:00pm.

ROLL CALL:

Members Present: D. Rosa, B. Ballentine, J. DeMarsh, D. White, S. Feringa, K. Wentzloff, M. Timmins, T. Forgette, and J. Jessup

Staff Present: S. Winter, Zoning Administrator; J. Jocks, Legal Counsel; J. Iacoangeli, Township Planner

A. LIMITED PUBLIC COMMENT: Opened at 7:01pm

C Abernathy, 4312 Westridge Drive. Request for updated information on the condition of the GTTC Storm water Basin plantings and plans to replace any of those that have perished.

Public comment closed at 7:02pm

B. APPROVAL OF AGENDA: Motion by Timmins to approve agenda as presented, supported by Forgette. Motion passed unanimously

C. INQUIRY AS TO CONFLICTS OF INTEREST: S. Feringa and counsel discussed potential conflict of interest with respect to discussions pertaining to the Watershed Center correspondence on the GTTC project based on his employer's affiliation with the project. He was advised to recuse himself from any decision making discussion.

D. CONSENT CALENDAR: Motion by White to approve consent calendar as presented, support by Timmins. Motion passed unanimously.

1. RECEIVE AND FILE:

a. Approved Minutes of:

i. Township Board minutes 08/11/15

2. ACTION:

a. Approve Draft Minutes of:

i. Planning Commission minutes: 08/10/15

E. ITEMS REMOVED FROM THE CONSENT CALENDAR:

1. None

F. CORRESPONDENCE:

1. The Watershed Center Grand Travers Bay re: GTTC Storm Water System – John Iacoangeli
John I. explained process for official correspondence to the report and advised commission members that he would need a directive from them in order to officially respond.

K. Wentzloff - Asked who would be responding and asked if necessary.

Planning commissioners polled and all agreed that the Township should formerly respond to the report.

Motion by Timmons to have Becket and Raeder officially respond to the Watershed Center correspondence regarding the GTTC storm water system; support by Forgette. Motion carried unanimously.

G. PUBLIC HEARINGS:

1. None

H. NEW BUSINESS:

If you are planning to attend and are physically challenged, requiring any special assistance, please notify Cathy Dye, Clerk, within 24 hours of the meeting at 938-1350.

1. TART Trail – Julie Clark

An update to recent TART Trail activity was provided by J. Clark. Wayfinding and signage is currently underway. TC to Charlevoix trail update identified a preferred alignment, concept plan has been developed, and the master plan should be completed by October. The Trail is identified as an asset and promotes economic development. Criteria used in selection process used the Choosing by Advantages technique.

A draft preferred route between Acme and Yuba was presented with a US31 crossing to north; somewhere between Bracket and Kesner Road but has not been officially determined yet. Rough estimates for 46.2 miles of trail at an estimated cost of \$11 million.

Update provided on other Trails in Acme. Would like connection of Bunker Hill at parking area to Lautner Road where Trail picks up again. Looking to work with GTTC and Mount Hope to make further connections as well as looking to get to the Acme shoreline parks. Need to know/identify who will allow and who will maintain.

DeMarsh - Asked what are the current obstacles to overcome for projects.

Timmins – Spoke as chair of parks and recreation and indicate the TART Trail aligns with the Township Master Plan and the Township Parks and Recreation master plan. Biking trails are also second on the list of the community wants based on the master plan survey. The Trail allows for buffers and the State is highly interested in supporting and collaborating with projects that incorporate those components. It is good time to move forward.

Julie indicated to that she was prepared to come back in the future for a resolution of support, but would like some marching orders for TART to investigate connections to the Acme shoreline and connecting to the Town Center and Bates Road.

Wentzloff - We could encourage Board for a resolution of support

Timmins stated that everyone wants to get to all parts of the township and the connections to these key areas are piece of the puzzle for the big phase. Now is the time because it fits perfectly within the current master plans.

DeMarsh thought the grant cycle is hot for trail funding. J. Clark expressed that trail funding is extremely competitive and community support is key to scoring high points on grant applications.

DeMarsh asked if the action point to is to get from Bunker Hill to Mount Hope.

Timmins discussed the need to look at a Mount Hope connection from Bunker Hill.

Clark highlighted three options to look at consisting of the connection to the shoreline parks, connection to M-72 and the GTTC commerce areas, and connection to the Lautner Road trail head.

A motion by Timmins to request the Township Board provide a resolution of support for the three connections, supported by Ballentine, motion carried unanimously.

I. OLD BUSINESS:

1. US 31/M 72 Business District Architectural Standards amendment #35

Motion by S. Feringa to send to the Board the adoption of Amendment 35 to the US31/M72 Business District Architectural Standards, support by Timmins. Motion passed unanimously.

2. Medical marijuana draft zoning ordinance language.

S. Winter explained to members a draft zoning ordinance for review and comment. J. Jocks suggested that a dispensary and cultivation co-existence should be added. Other requested changes included adding a definition for private school property to read as private recreation, change the definition for dispensary to Operation, and provide a stipulation of no incineration of waste.

Motion by Timmins to set a public hearing for the Medical Marijuana dispensaries draft zoning ordinance incorporating discussed changes for adding the TC Bulldog facility to be recognized as private recreation/parks facility, changes to definition of medical marijuana cultivation, addition of dispensary and cultivation co-locating

If you are planning to attend and are physically challenged, requiring any special assistance, please notify Cathy Dye, Clerk, within 24 hours of the meeting at 938-1350.

under one ownership on property under Section 9.27 and 9.26, and the requirement of no incineration under section 9.2.7. Support by Rosa. Motion carried unanimously.

J. PUBLIC COMMENT & OTHER PC BUSINESS

Public comment opened at 8:24pm.

M. Goss, 4105 Bay Valley. Concerned about Phragmites along north shore and asked about the control plan. Timmins provided a contact to see treatment schedule coordination.

Wentzloff asked S. Feringa for a road construction project update. S. Feringa indicated contractors are trying to complete by September 20th. Street light delivery has been pushed back to October, however, they are working with MDOT to waive installation date or they may try to expedite delivery.

Public comment closed at 8:27pm

1. Zoning Administrator update on projects: S. Winter provided summary of current projects including Flint Fields request for extension of event duration, the need to look at temporary tents related to Special Event permits. Discussed dimensional requirements versus square footage requirements for residences; specifically related to a request for use of shipping container home.
2. Planning Consultant: Township received another significant award for the newly adopted Master Plan. Suggested a press release for this significant recognition.
3. P C Education etc.: Several members of PC going to a Planning Essentials workshop at the end of this month.

ADJOURN: Motion to adjourn by Timmins, support by Ballentine. Motion passed unanimously.

Adjourn time: 8:39pm

September 10, 2015

Christine Crissman, Executive Director

The Watershed Center
Grand Traverse Bay
13272 S. West Bay Shore Drive
Traverse City, Michigan 49684

RE: The Watershed Center Letter 8-25-15

Village at Grand Traverse (VGT) Stormwater Collection & Treatment System

I am writing in response to your letter regarding the above referenced development located in Acme Township that was sent to the Acme Township Supervisor and Planning Commission. Recently the Grand Traverse Band of Ottawa and Chippewa Indians' (GTB) Economic Development Corporation (EDC) invested in this development as a partner. We are very concerned that the development follows all applicable codes and ordinances while protecting the surrounding environment and natural resources which is vital for wildlife, local businesses and tourism. Before becoming a partner we thoroughly reviewed and analyzed the overall development especially how it would impact the surrounding properties. As a Tribal Nation we will do everything in our power to protect the environment as well as restoring a creek that has been in poor condition for decades.

The EDC Executive Staff consulted with our Corporate Architect, Steve Feringa, AIA, who is also an EDC Executive Staff member, a member of GTB's Natural Resources and Environmental Committee, and an Acme Township Planning Commissioner. Mr. Feringa has been involved with this development for over 10 years, is serving his second term as a commissioner for Acme's Planning Commission, and negotiated a water agreement between VGT and GTB (prior to becoming an Acme Township Planning Commissioner).

Mr. Feringa provided plans and a narrative on the innovative design utilizing constructed wetlands to naturally filter and process the stormwater onsite before the water returns to the aquifer. Constructing this stormwater management system is a complex process from schematic design, engineering and implementation. From all the information presented and what was explained all of the comments presented in your letter were previously adequately addressed by the Township's consultants and Planning Commission which I understand included several independent engineering and environmental firms that specialize in stormwater control measures.

Based on all the facts and data we reviewed leads us to disagree with most of your opinions in your letter with the exception of the importance of protecting the bay from stormwater run-off, protecting Acme Creek, and utilizing Best Management Practices and innovative designs in development of stormwater systems.



TURTLE CREEK CASINO & HOTEL
Village at 7741 1472 Farise Town Center Stormwater
Williamsburg, MI 49690



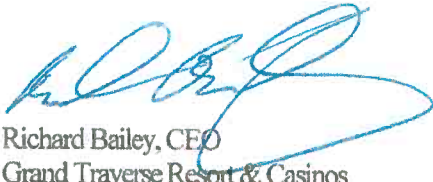
LEELANAU SANDS CASINO & LODGE
2331 NW Bayshore Drive
Peshawbestown, MI 49682



GRAND TRAVERSE RESORT & CASINO
100 Grand Traverse Village Blvd.
Acme, MI 49610

Throughout this development process there has been a great deal of political agendas in the Acme area; putting these agendas aside, if the main concern is stormwater reaching the creek and bay then the real focus should be with the direct run-off of the stormwater from other sources such as the adjacent road systems (M72, US31 along East Bay, and the Boardman River as examples). If you have any questions or comments please feel free to contact us. We would be more than willing to meet and discuss the stormwater system for this development and ways to protect the bay and restore Acme Creek.

Sincerely,

A handwritten signature in blue ink, appearing to read 'R. Bailey', is written over the typed name and title.

Richard Bailey, CEO
Grand Traverse Resort & Casinos
Grand Traverse Band of Ottawa and Chippewa Indians Economic Development Corporation

cc: Acme Township Supervisor
Acme Township Board of Directors
Acme Township Planning Commission
Beckett & Raeder, Inc.

Trip List - Dispatch (Short)

Company IS NORTH FLIGHT INC; AND Trip Date IS BETWEEN 08/01/2015 AND 08/31/2015; AND Call Types IS Intercept OR Prehospital; AND Response Zone IS ACME TWSP-28; AND No Group; AND No Group; AND No

Run # or

Trip # TripDate Veh/Unit Time Call Type Customer Name Pickup Location DropOff Location

NORTH FLIGHT INC

Dispatched

12940	8/1/2015	NF 9: NF 9	08:50:37	Prehospital		5 MILE RD & MUNSON AVE NEAR RAILROAD TRACKS	MUNSON MEDICAL CENTER ER
12941	8/1/2015	NF 8: NF 8	08:55:21	Prehospital		HOPE VILLAGE RM 1118 ASST LIV	MUNSON MEDICAL CENTER ER
13021	8/2/2015	NF 9: NF 9	16:59:25	Prehospital	CANCEL, PREHOSPITAL	5481 BRACKETT RD	
13022	8/2/2015	NF 8: NF 8	16:59:25	Prehospital	CANCEL, PREHOSPITAL	5481 BRACKETT RD	
13216	8/5/2015	NF 17: NF 17	00:50:29	Prehospital		6722 LAUTNER RD UNIT E	MUNSON MEDICAL CENTER ER
13307	8/5/2015	NF 9: NF 9	20:53:46	Prehospital		ACME TERRACE AFC	MUNSON MEDICAL CENTER ER
13341	8/6/2015	NF 9: NF 9	14:02:19	Prehospital		5 MILE & MUNSON	MUNSON MEDICAL CENTER ER
13346	8/6/2015	NF 9: NF 9	15:56:22	Prehospital		6261 US 31 N	
13360	8/6/2015	NF 9: NF 9	20:38:25	Prehospital	CANCEL, PREHOSPITAL	5112 US 31 N	
13372	8/7/2015	NF 8: NF 8	02:18:46	Prehospital		HOPE VILLAGE 1101	
13429	8/8/2015	NF 9: NF 9	08:12:31	Prehospital		10106 US 31 NORTH SHORELINE FRUIT	MUNSON MEDICAL CENTER ER
13454	8/8/2015	NF 9: NF 9	19:11:25	Prehospital		7490 LAUTNER RD	
13475	8/9/2015	NF 9: NF 9	08:50:47	Prehospital	CANCEL, PREHOSPITAL	4702 SPRINGBROOK DR	
13653	8/12/2015	NF 8: NF 8	08:15:22	Prehospital		HOPE VILLAGE 102	
13654	8/12/2015	NF 9: NF 9	08:16:28	Prehospital		GRAND TRAVERSE RESORT	MUNSON MEDICAL CENTER ER
13813	8/14/2015	NF 9: NF 9	12:31:23	Prehospital		MUNSON AVE & BUNKER HILL RD	MUNSON MEDICAL CENTER ER
13814	8/14/2015	NF 4: NF 4	12:31:23	Prehospital	<Unknown>	MUNSON AVE & BUNKER HILL RD	
13895	8/16/2015	NF 8: NF 8	01:46:17	Prehospital		HOPE VILLAGE	MUNSON MEDICAL CENTER ER
13920	8/16/2015	NF 9: NF 9	13:39:00	Prehospital		HOPE VILLAGE RM 1105	MUNSON MEDICAL CENTER ER
13957	8/17/2015	NF 9: NF 9	08:27:19	Prehospital		2831 HOLIDAY PINES	MUNSON MEDICAL CENTER ER
14145	8/19/2015	NF 8: NF 8	05:00:30	Prehospital		GRAND TRAVERSE RESORT CLUB HOUSE STEPS	MUNSON MEDICAL CENTER ER

* Shaded records indicate that trip has been cancelled

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Page 1

Trip List - Dispatch (Short)

Company IS NORTH FLIGHT INC; AND Trip Date IS BETWEEN 08/01/2015 AND 08/31/2015; AND Call Types IS Intercept OR Prehospital; AND Response Zone IS ACME TWSP-28; AND No Group; AND No Group; AND No

Run # or Trip #	TripDate	Veh/Unit	Time	Call Type	Customer Name	PickUp Location	DropOff Location
14153	8/19/2015	NF 9: NF 9	11:14:52	Prehospital	CANCEL, PREHOSPITAL	4946 E M 72	
14156	8/19/2015	NF 9: NF 9	11:50:51	Prehospital		4185 WOLVERINE DR	MUNSON MEDICAL CENTER ER
14190	8/20/2015	NF 4: NF 4	05:46:42	Prehospital		HOPE VILLAGE RM 213	
14195	8/20/2015	NF 9: NF 9	10:18:24	Prehospital		HOPE VILLAGE	MUNSON MEDICAL CENTER ER
14208	8/20/2015	NF 9: NF 9	14:24:10	Prehospital		HOPE VILLAGE PARKING LOT	
14228	8/20/2015	NF 9: NF 9	22:24:35	Prehospital	CANCEL, PREHOSPITAL	4185 WOLVERINE DR	
14261	8/21/2015	NF 9: NF 9	11:53:10	Prehospital	CANCEL, PREHOSPITAL	6455 US 31 KMART IN ACME	
14286	8/21/2015	NF 9: NF 9	13:35:57	Prehospital		HOPE VILLAGE 1115	MUNSON MEDICAL CENTER ER
14303	8/21/2015	NF 10: NF 10	18:55:45	Prehospital		4641 N RAINBOW CT	MUNSON MEDICAL CENTER ER
14316	8/22/2015	NF 4: NF 4	01:01:56	Prehospital		4509 PAPER BIRCH LN	MUNSON MEDICAL CENTER ER
14350	8/22/2015	NF 10: NF 10	17:47:32	Prehospital		3242 SCENIC HILLS DR	MUNSON MEDICAL CENTER ER
14362	8/23/2015	NF 11: NF 11	02:13:57	Prehospital		2350 US 31 NORTH Walgreens in Acme	

NORTH FLIGHT INC (cont.)

Dispatched (cont.)

14461	8/24/2015	NF 10: NF 10	17:11:26	Prehospital		6300 SINGLETREE LN	MUNSON MEDICAL CENTER ER
14484	8/25/2015	NF 10: NF 10	07:45:54	Prehospital	*	HOPE VILLAGE	MUNSON MEDICAL CENTER ER
14535	8/25/2015	NF 10: NF 10	18:09:24	Prehospital		4899 DAVID DR	MUNSON MEDICAL CENTER ER
14545	8/25/2015	NF 4: NF 4	21:02:17	Prehospital		4148 HOLIDAY RD	MUNSON MEDICAL CENTER ER
14568	8/26/2015	NF 10: NF 10	11:44:58	Prehospital		4820 FIVE MILE RD	

* Shaded records indicate that trip has been cancelled

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Page 1

Trip List - Dispatch (Short)

Company IS NORTH FLIGHT INC; AND Trip Date IS BETWEEN 08/01/2015 AND 08/31/2015; AND Call Types IS Intercept OR Prehospital; AND Response Zone IS ACME TWSP-28; AND No Group; AND No Group; AND No

Run # or Trip #	TripDate	Veh/Unit	Time	Call Type	Customer Name	PickUp Location	DropOff Location
14575	8/26/2015	NF 10: NF 10	12:29:25	Prehospital		4180 HOLIDAY NORTH CT	MUNSON MEDICAL CENTER ER
14787	8/27/2015	NF 10: NF 10	17:25:02	Prehospital		HOPE VILLAGE 1115	MUNSON MEDICAL CENTER ER
14792	8/27/2015	NF 4: NF 4	18:27:53	Prehospital		2305 N US 31	MUNSON MEDICAL CENTER ER
14954	8/30/2015	NF 10: NF 10	11:29:23	Prehospital		<DOA SITE>	5555 M 72 E
14965	8/30/2015	NF 10: NF 10	19:24:44	Prehospital	CANCEL, PREHOSPITAL	6772 DEEPWATER POINT RD	
Total Calls Dispatched: 43				Total Transports: 26			
Total Calls for NORTH FLIGHT INC: 43				Total Transports: 26			

* Shaded records indicate that trip has been cancelled

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United States Department of the Interior

OFFICE OF HEARINGS AND APPEALS
INTERIOR BOARD OF INDIAN APPEALS
801 NORTH QUINCY STREET
SUITE 300
ARLINGTON, VA 22203

GRAND TRAVERSE COUNTY)	Order Affirming Decision
BOARD OF COMMISSIONERS,)	
Appellant,)	
)	
v.)	
)	Docket No. IBIA 13-130
ACTING MIDWEST REGIONAL)	
DIRECTOR, BUREAU OF INDIAN)	
AFFAIRS,)	
Appellee.)	September 25, 2015

The Grand Traverse County Board of Commissioners (Appellant or County) appealed to the Board of Indian Appeals (Board) from a July 2, 2013, decision (Decision) of the Acting Midwest Regional Director (Regional Director), Bureau of Indian Affairs (BIA), to accept, in trust for the Grand Traverse Band of Ottawa and Chippewa Indians (Tribe or Band), 158.91 acres of land referred to as “Parcel 82,” located within the County.¹

We affirm the Decision because Appellant has not shown that the Regional Director exceeded his authority or abused his discretion in deciding to accept the land in trust. We reject Appellant’s argument that the Tribe was not under Federal jurisdiction in 1934 and therefore the Regional Director lacked statutory authority to take land into trust for the Tribe under Section 5 of the Indian Reorganization Act of 1934 (IRA), 25 U.S.C. § 465. In 1934, the Tribe continued to exist and continued to have Federally preserved treaty rights protected by the jurisdiction and authority of the United States, and the fact that the Secretary of the Interior (Secretary) did not call an election for the Tribe under the IRA does not change the fact that the Tribe was, as a matter of law, under Federal jurisdiction. The historical record admittedly reflects confusion and uncertainty regarding the Tribe’s eligibility to benefit from the IRA, but that appears to be largely based on the Secretary’s erroneous interpretation of an 1855 treaty as having dissolved the Tribe. The historical record, viewed as a whole, and including the Tribe’s treaty rights, supports a finding that the Tribe was under Federal jurisdiction in 1934. We also conclude that Appellant has not met its burden to demonstrate that the Regional Director, in deciding to accept Parcel 82 in

¹ The parcel is also sometimes referred to as the “Hoxie” property.

trust, failed to properly consider the regulatory requirements for off-reservation acquisitions.

Statutory and Regulatory Framework

The Secretary is authorized “to acquire . . . any interest in lands . . . within or without existing reservations . . . for the purpose of providing lands for Indians.” 25 U.S.C. § 465. As relevant here, BIA’s regulations provide that land may be acquired in trust for a tribe when the tribe already owns an interest in the land and when the Secretary determines that the acquisition of the land is necessary to facilitate tribal self-determination, economic development, or Indian housing. 25 C.F.R. § 151.3(a)(2)-(3).

When BIA receives an application for a discretionary trust acquisition, it must provide notice to the state and local governments having regulatory jurisdiction over the land to be acquired, and give them an opportunity to submit written comments regarding the acquisition’s potential impacts on regulatory jurisdiction, real property taxes and special assessments. 25 C.F.R. § 151.10 (on-reservation); *id.* § 151.11(d) (off-reservation). If an off-reservation acquisition is for business purposes, the tribe must provide a plan that specifies the anticipated economic benefits associated with the proposed use. *Id.* § 151.11(c).

As relevant to the issues raised in this appeal, in evaluating a tribe’s application to take land into trust, BIA must consider:

(a) The existence of statutory authority for the acquisition and any limitations contained in such authority;

. . . .

(e) If the land to be acquired is in unrestricted fee status, the impact on the State and its political subdivisions resulting from the removal of the land from the tax rolls;

25 C.F.R. § 151.10 (on-reservation acquisitions); *see id.* § 151.11(a) (incorporating § 151.10 factors for off-reservation acquisitions).

In addition, for off-reservation trust acquisitions, the regulations require that the Secretary shall consider

[t]he location of the land relative to state boundaries, and its distance from the boundaries of the tribe’s reservation, . . . as follows: as the distance between the tribe’s reservation and the land to be acquired increases, the Secretary shall give greater scrutiny to the tribe’s justification of anticipated

benefits from the acquisition. The Secretary shall give greater weight to the concerns raised pursuant to [§ 151.11(d)].

Id. § 151.11(b); *see id.* § 151.11(d) (notice and solicitation of comments “as to the acquisition’s potential impacts on regulatory jurisdiction, real property taxes and special assessments”); *see also* *Jefferson County, Oregon, Board of Commissioners v. Northwest Regional Director*, 47 IBIA 187, 187-90 (2008) (describing the application of 25 C.F.R. §§ 151.10-151.11).

Under § 151.2(f), “Indian reservation” is defined to include “that area of land over which the tribe is recognized by the United States as having governmental jurisdiction,” which includes lands held in trust by the United States for a tribe. *See County of San Diego, California v. Pacific Regional Director*, 58 IBIA 11, 29 (2013); *Aitkin County, Minnesota v. Acting Midwest Regional Director*, 47 IBIA 99, 104-07 (2008).

Background

Parcel 82 is a 158.91-acre property located within Acme Township in the County. Decision at 2 (unnumbered) (Administrative Record (AR) Tab 3). The Tribe purchased Parcel 82 in 2003 and uses it for deer and coyote hunting. Resolution No. 11-29.2320, Nov. 16, 2011 at 1 (AR Tab 7-A); Phase I Environmental Site Assessment, Mar. 6, 2012, at 2-3 (unnumbered) (AR Tab 7-C). Eight years later, in November 2011, the Tribe requested that BIA accept Parcel 82 into trust. Resolution No. 11-29.2320, at 2. In its resolution supporting the trust acquisition, the Tribe stated that Parcel 82 would be used to pursue “economic development opportunities” in connection with grants from the U.S. Departments of Energy and Agriculture, as well as a site for future housing. *Id.* at 1-2.

Subsequently, the Tribe clarified that Parcel 82 was not contiguous to lands currently held in trust for the Tribe, and the Tribe agreed to have its application processed by BIA as an “off-reservation acquisition” pursuant to 25 C.F.R. § 151.11. Letter from Tribal Attorney to BIA’s Michigan Agency Superintendent (Superintendent), June 15, 2012, at 1 (AR Tab 7-A). The Tribe also explained that it had “no plans in the foreseeable future” to use the property for economic development opportunities or housing. *Id.* at 2; *see also* Supplemental Request to the Secretary of the Interior for Trust Status, June 15, 2012, at 7 (AR Tab 7-A).

The Superintendent notified the State of Michigan, Acme Township, and Appellant that BIA had under consideration the Tribe’s application for the acquisition of Parcel 82

into trust.² Appellant responded stating that property taxes for Parcel 82 in 2011 totaled \$19,498.31, of which the County received \$2,878.60. *See, e.g.*, Letter from Deputy Civil Counsel to Superintendent, Aug. 31, 2012, Enclosure at 3 (Grand Traverse County's Response to the Bureau of Indian Affairs request for Comment) (AR Tab 7-B). Appellant also described the municipal services provided by the County regarding Parcel 82, and contended that it did not receive any direct funding from the Tribe for its services. *Id.* at 3-4. Acknowledging that these services were "minimal," Appellant explained that if the property was developed, expansion of county services would be needed. *Id.* at 4. Appellant also expressed its desire to reach an agreement with the Tribe to receive payment in lieu of taxes if the property is taken into trust. *Id.* at 3. Further, Appellant noted that while Parcel 82 was currently zoned for agricultural use, it was concerned about the Tribe's future plans for the parcel. *Id.* at 5. Appellant contended that the catch-all phrase "economic development" included in the Tribe's application could "essentially provide[] opportunity for any form of development." *Id.*

The Tribe provided BIA with responses to the comments received from Appellant and others. *See, e.g.*, Letter from Tribal Attorney to Superintendent, Dec. 21, 2012 (AR Tab 7-B); *see also* Letter from Tribal Attorney to Superintendent, Sept. 13, 2012 (AR Tab 7-B). In contrast to Appellant's assertions, the Tribe stated that over the past 16 years, it paid approximately \$2.9 million for municipal services, including direct funding to the County in the amount of \$1,605,140.34. Letter from Tribal Attorney to Superintendent, Dec. 21, 2012, Enclosure at 2 (Memorandum to Superintendent from Tribal Attorney, Dec. 19, 2012) (AR Tab 7-B). The Tribe also contended that through the Indian Reservation Roads Program, it had made available over \$3.5 million for County roads. *Id.* at 3. The Tribe also stated that it was willing to provide for reimbursement for law enforcement services with the County, but thus far the parties have not been able to reach an agreement. *Id.* at 4-5.

While agreeing that the Tribe had made "substantial distributions" to "community agencies within several counties," Appellant sought to "clarify" that the Tribe had made no contributions to the "County *government*." Letter from Deputy Civil Counsel to Superintendent, Sept. 28, 2012 (AR Tab 7-B) (emphasis in original). Appellant submitted a consent judgment entered in litigation to which the Tribe was a party, and contended that

² Letter from Superintendent to Acme Township Board, July 3, 2012 (AR Tab 7-B at 1-2 (unnumbered)); Letter from Superintendent to Governor of Michigan, July 3, 2012 (AR Tab 7-B at 6-7 (unnumbered)); Letter from Superintendent to County Commissioners, July 3, 2012 (AR Tab 7-B at 11-12 (unnumbered)).

the Tribe had failed to submit payments to the County government in accordance with the judgment.³ *Id.*

On July 2, 2013, the Regional Director approved the Tribe's fee-to-trust application. Decision (AR Tab 3). The Regional Director first addressed BIA's statutory authority for the acquisition, finding that § 5 of the IRA, 25 U.S.C. § 465, authorizes BIA to accept title to Parcel 82 in trust for the Tribe. *Id.* at 3-4 (unnumbered). Citing *Carcieri v. Salazar*, 555 U.S. 379 (2009), the Regional Director concluded that § 5 applies to the Tribe because the Tribe was under Federal jurisdiction when the IRA was enacted in 1934.⁴ *Id.* The Regional Director then concluded that each of the remaining regulatory criteria for taking land in trust favored the trust acquisition of Parcel 82 and that a categorical exclusion from further review under the National Environmental Policy Act applies to the proposed acquisition. *Id.* at 3-6 (unnumbered).

Turning to 25 C.F.R. § 151.11, the Regional Director noted that Parcel 82 is located 31 miles from the boundaries of the Tribe's proclaimed reservation. *Id.* at 7 (unnumbered). He further noted that the State, Appellant, and Acme Township had provided comments about the proposed acquisition. *Id.* The Regional Director stated that after examining these responses and the remainder of the administrative record, he found the benefits of the trust acquisition outweighed any concerns regarding Parcel 82's distance from the Reservation. *Id.*

³ The consent judgment provided:

Each tribe shall determine which local unit or units of government shall receive payments and the amounts thereof; provided however, the guidelines governing tribes in making said determinations shall be based upon compensating said local units of government for governmental services provided to the tribes and for impacts associated with the existence and location of the tribal casino in its vicinity; and provided further, however, that out of said aggregate payment, each local unit of government shall receive no less than an amount equivalent to its share of ad valorem property taxes that would otherwise be attributed to the class III gaming facility if that site were subject to such taxation.

Sault Ste. Marie Tribe et al. v. Engler, Civ. No. 1:90 CV 611 (W.D. Mich. 1993) (Stipulation for Entry of Consent Judgment, ¶ 8).

⁴ In *Carcieri* the Supreme Court held that, under one of the definitions of "Indian" in Section 19 of the IRA, 25 U.S.C. § 479, the Secretary's authority to take land into trust for tribes pursuant to § 5 is limited to those tribes that were "under Federal jurisdiction" at the time the IRA was enacted in June 1934. *See Carcieri*, 555 U.S. at 382.

On appeal to the Board, Appellant argues that the Regional Director lacks statutory authority to place Parcel 82 in trust. Opening Brief (Br.), Dec. 30, 2013, at 9-16. According to Appellant, the Tribe must have been both Federally recognized and under Federal jurisdiction in 1934 in order to have land taken into trust for it under the IRA, but the Secretary had “terminated” the Federal Government’s relationship with the Tribe in 1872, and also did not include the Tribe in the IRA elections held pursuant to 25 U.S.C. § 478,⁵ and thus did not necessarily recognize or determine in 1934 that the Tribe was under Federal jurisdiction. *Id.* at 2, 13. With respect to the regulatory criteria for off-reservation trust acquisitions, Appellant argues that the Regional Director failed to properly consider the criteria in § 151.11(b)-(c) and thus he abused his discretion in approving the Tribe’s trust application.⁶ *Id.* at 16-18. The Regional Director filed an answer brief. Appellant did not file a reply brief, and no other briefs were filed.

Discussion

I. Standard of Review

Where, as here, BIA’s decision to take land into trust is discretionary, we do not substitute our judgment for that of BIA. *Cass County, Minnesota v. Midwest Regional Director*, 42 IBIA 243, 246 (2006). “Rather, the Board reviews such discretionary decisions to determine whether BIA gave proper consideration to all legal prerequisites to the exercise of its discretionary authority, including any limitations on its discretion established in regulations.” *Id.* (internal quotation marks omitted) (quoting *Shawano County, Wisconsin, Board of Supervisors v. Midwest Regional Director*, 40 IBIA 241, 244 (2005)). While the Regional Director must consider the relevant factors under 25 C.F.R. Part 151, “there is no requirement that BIA reach a particular conclusion with respect to each factor[,] . . . nor must each factor be exhaustively analyzed.” *Aitkin County*, 47 IBIA at 104. Appellant bears the burden of proving that BIA “did not properly exercise its discretion.” *Jefferson County*, 47 IBIA at 200. The Board reviews legal issues *de novo*. *State of Minnesota v. Acting Midwest Regional Director*, 47 IBIA 122, 125 (2008).

⁵ The IRA required the Secretary to call elections within one year after enactment to allow tribes to vote on whether to opt out of the applicability of the IRA to their respective reservations. See 25 U.S.C. § 478.

⁶ In its notice of appeal, Appellant also contends, with no discussion or explanation, that the Regional Director failed to adequately consider the criteria in 25 C.F.R. § 151.10(b) through (h). See Notice of Appeal, Aug. 1, 2013, at 2 (unnumbered). We consider any arguments that were not developed during briefing as waived, or subject to summary rejection for failure to satisfy Appellant’s burden of proof. See *Carroll County, Mississippi, Board of Supervisors v. Acting Eastern Regional Director*, 56 IBIA 194, 200 (2013).

II. Statutory Authority for the Acquisition

Appellant contends that the Regional Director lacks statutory authority to take land into trust for the Tribe pursuant to the IRA because, according to Appellant, the Tribe was not Federally recognized and not under Federal jurisdiction in 1934.⁷ Appellant argues that the Secretary had terminated Federal recognition of the Tribe in 1872, and, following enactment of the IRA, did not hold an election for the Tribe to vote on whether to opt out of the IRA. Opening Br. at 2, 13 (citing *Shawano County, Wisconsin v. Acting Midwest Regional Director*, 53 IBIA 62 (2011) (*Shawano County II*); *Village of Hobart, Wisconsin v. Acting Midwest Regional Director*, 57 IBIA 4 (2013)); see *supra* note 5. Appellant construes our decisions in *Shawano County II* and *Village of Hobart*, which held that the Secretary's decision to hold an IRA election was a dispositive determination that the tribes in those cases were under Federal jurisdiction in 1934, as implying that the absence of such an election means that a tribe was *not* under Federal jurisdiction in 1934. Appellant argues that the historical evidence rebuts the Regional Director's finding that the Tribe was under Federal jurisdiction, relying on five pieces of correspondence between the Department of the Interior (Department) officials and members of Congress and others, between 1933 and 1935. *Id.* at 13-14; Exhibits (Ex.) H-L. In addition, Appellant cites the 1937 *Report on Michigan Indians*, and the May 14, 1937, *Status of Organization, Lake States*, in support of its position. *Id.* at 14-15. Appellant also takes issue with the Regional Director's finding that "[n]othing in the record indicates that Congress terminated its relationship with the Tribe," arguing that it is irrelevant. *Id.* at 15 (quoting Decision at 3 (unnumbered)).

In the Decision, the Regional Director concluded that the Tribe was under Federal jurisdiction when the IRA was enacted in 1934, in part, because the Tribe entered into treaties with the United States in 1795, 1836, and 1855. Decision at 3 (unnumbered). The Regional Director also pointed to a 1905 congressional statute authorizing the Ottawa and Chippewa Indians to file a Court of Claims petition, a subsequent judgment awarded to the groups, and the roll compiled by BIA for distribution of the judgment, as clear evidence that the Tribe was under Federal jurisdiction prior to 1934. *Id.*; Appellee's Br., Feb. 2, 2014, at 19. The Regional Director also considered correspondence between the Tribe and the Department in the 1930s. Decision at 3 (unnumbered). The Regional Director concluded that "[b]efore 1934, the United States entered into multiple treaties with the Band, engaged in extensive dealings with the Band, and enacted legislation that led to

⁷ Appellant failed to raise the issue of the Regional Director's authority in the proceedings before the Regional Director, and thus arguably waived the argument. But the Regional Director has not objected to our consideration of this issue, and because the issue has been fully briefed and the record is sufficient, we exercise our discretion to do so. See 43 C.F.R. § 4.318; *State of New York v. Acting Eastern Regional Director*, 58 IBIA 323, 330 (2014).

judicial recognition of [F]ederal obligations, duties, and exercise of authority over the Band by the [F]ederal government.” *Id.* The Regional Director then explained that the Tribe had continuously existed prior to and subsequent to 1934, as confirmed in the Department’s formal Federal acknowledgment decision issued in 1980. *Id.*

In his answer brief, the Regional Director emphasizes the finding in *Grand Traverse Band of Ottawa and Chippewa Indians v. Office of the United States Attorney for the Western District of Michigan* that the Tribe “had treaties with the United States and a prior relationship with the Secretary of the Interior at least as far back as 1795.” Appellee’s Br. at 15 (quoting 369 F.3d 960, 967 (6th Cir. 2004)); *see also id.* (citing the Treaty of Greenville, 7 Stat. 49 (Aug. 3, 1795); Treaty of Washington, 7 Stat. 491 (Mar. 28, 1836); Treaty of Detroit, 11 Stat. 621 (July 31, 1855)); *id.* at 16 (contending that from the 1850-1870s, BIA supported a school and Indian agent for the Tribe and noting the Court of Claims judgment).

The Regional Director acknowledges that the correspondence from the 1930s reflects confusion and in some cases conflicting views on the Tribe’s status in relation to the IRA, but the Regional Director argues that the Tribe’s relationship with the Federal Government, as a jurisdictional matter, remained intact. Appellee’s Br. at 16. The Regional Director argues that the correspondence reflected the erroneous belief, held by the Department at the time, that the 1855 Treaty had terminated the Tribe, an idea later rejected by both the Department and the courts. *Id.* at 16, 20; *see United States v. Michigan*, 471 F. Supp. 192, 264 (W.D. Mich. 1979) and *Grand Traverse Band*, 369 F.3d at 961. In addition, the Regional Director contends that the Department’s reticence to extend IRA benefits to the Tribe in the 1930s also reflected fiscal concerns. Appellee’s Br. at 16, 20. The Regional Director cites the “extensive factual and historical record developed by the Department” as part of the Federal acknowledgment process, *see* 25 C.F.R. Part 54 (1980),⁸ which culminated in Federal acknowledgment in 1980 that the Tribe continued to exist. Appellee’s Br. at 25.

We can readily dispose of Appellant’s first argument, that Federal recognition of the Tribe in 1934 was required for the IRA to apply. The language of the IRA refers to “any recognized Indian tribe now under Federal jurisdiction.” 25 U.S.C. § 479. The Tribe is undoubtedly Federally recognized, *see* 80 Fed. Reg. 1942, 1944 (Jan. 14, 2015), and the word “now” qualifies the phrase “under Federal jurisdiction,” *see* 25 U.S.C. § 479. In *Carcieri*, the Supreme Court construed the word “now” solely in reference to the phrase “under Federal jurisdiction,” holding that it meant in 1934, when the IRA was enacted.

⁸ The current regulations on Federal acknowledgment are found at 25 C.F.R. Part 83.

The IRA does not require a tribe to have been “recognized” by the United States in 1934, formally or otherwise, in order for § 5 to apply.

We also readily reject Appellant’s second argument, that the Board’s holdings in *Shawano County II* and *Village of Hobart* require a finding that the Tribe was not under Federal jurisdiction in 1934 because the Secretary did not hold an IRA election for the Tribe following its enactment. The Board has made clear that:

While the question of whether an IRA election was called for a tribe is conclusive of Federal jurisdiction over the tribe if answered in the affirmative, it is not a brightline test if answered in the negative. *See Village of Hobart*, 57 IBIA at 23 n.26 (citing *Carcieri*, 555 U.S. at 397-98 (Breyer, J., concurring) (“We know . . . that [the Department] wrongly left certain tribes off the list.” Emphasis added.)). In that situation, BIA must also consider other indicia of whether a tribe was under Federal jurisdiction, unless another definition of “Indian” under the IRA or another statute authorizes the trust acquisition.

State of New York, 58 IBIA at 331, n.11. *See also Village of Hobart*, 57 IBIA at 23, n.26 (“the fact that the Federal government failed to afford certain tribes under Federal jurisdiction the right to opt out of the IRA does not mean that they were not under Federal jurisdiction”). Thus, it is both necessary and appropriate for the Department to consider other historical evidence to make the determination.⁹

We agree with the Regional Director that the historical record supports his finding that the Tribe was under Federal jurisdiction in 1934. The Tribe is the successor to the Grand Traverse Ottawas and Chippewas, who signed treaties with the United States reserving commercial and subsistence fishing rights. *Grand Traverse Band of Chippewa and Ottawa Indians v. Director, Michigan DNR*, 971 F. Supp. 282, 285, 288 (W.D. Mich. 1995) (Tribe’s rights under 1836 and 1855 treaties), *aff’d*, 141 F.3d 635 (6th Cir. 1998). The treaty-reserved fishing rights included a servitude, or easement of access over land surrounding the Indians’ traditional fishing grounds, that remained in effect even after the

⁹ This approach is also consistent with the M-Opinion, issued by the Solicitor, entitled “The Meaning of ‘Under Federal Jurisdiction’ for Purposes of the Indian Reorganization Act.” Sol. Op. M-37029 (Mar. 12, 2014). The M-Opinion describes a two-step inquiry by which the agency should examine whether: 1) the United States, at or before 1934, had “taken an action or series of actions” on behalf of a tribe or tribal members, establishing or reflecting “[F]ederal obligations, duties, responsibility for or authority over the tribe by the Federal Government”; and 2) “the tribe’s jurisdictional status remained intact in 1934.” *Id.* at 19.

land became privately owned. 141 F.3d at 639. When the United States took action in the 1970s to protect the tribal treaty-reserved rights, it did so on its own behalf and on behalf of, i.e., as trustee for, the tribes whose rights were subject to Federal protection. *See United States v. Michigan*, 471 F. Supp. 192, 203 (W.D. Mich. 1979). The Board has previously recognized that when the United States continues to hold land in trust for a tribe or its members, it cannot reasonably be disputed that the tribe is under Federal jurisdiction. *See Village of Hobart*, 57 IBIA at 20 n.23. In the present case, in 1934, the Tribe undoubtedly held a reservation of Federally protected fishing rights and other associated property rights, and those legal rights could be neither diminished nor terminated by the Secretary's improper *de facto* "termination" of the Federal government's relationship with the Tribe, based on his erroneous interpretation of the 1855 treaty. *See Grand Traverse Band*, 369 F.3d at 968. In our view, the existence of hunting and fishing rights, reserved in and protected by Congressionally ratified treaties, and for which the United States continued to have an obligation, is as compelling and dispositive evidence to demonstrate that the Tribe was under Federal jurisdiction in 1934 as would be the case if the United States had held land in trust for the Tribe.

The absence of a reserved land base for the Tribe, and the Secretary's erroneous interpretation of the 1855 treaty as a Congressional dissolution of the Tribe, provide the context in which the Departmental correspondence on which Appellant relies, dating from the 1930s, must be examined. *See* Opening Br. at 13-15. The various pieces of correspondence and material selected by Appellant, all contained in the administrative record, undoubtedly show that confusion existed about the Tribe's status. And although some correspondence reflects a belief by some officials that the Tribe was not under Federal jurisdiction, other correspondence points in the opposite direction or is at best ambiguous. *See, e.g.*, Letter from Commissioner to Superintendent, May 31, 1934 (AR Tab 8-B) (referencing Tribe and asking Superintendent to inform him of any action taken by other "groups under your jurisdiction"); Letter from Superintendent to Director of Indian Education, Dec. 6, 1934 (AR Tab 8-A(14)) (contending that the IRA should be extended to the Grand Traverse Indians, although they were not under government control or on agency rolls, and discussing the acquisition of an option to purchase 7000 acres for the Tribe). In some cases, the reticence of Federal officials to recognize that the benefits of the IRA could extend to the Tribe was based more on funding considerations than on the jurisdiction and authority of the Federal government or the reach of the IRA. And as Justice Breyer explained in his concurrence in *Carcieri*, "a tribe may have been 'under Federal jurisdiction' in 1934 even though the Federal Government did not believe so at the time." 555 U.S. at 397. Here, we find little probative value in historical documents that reflect dealings based on an erroneous interpretation of the 1855 treaty, and which wholly ignored the Tribe's continuing reserved Federal treaty rights. *See Grand Traverse Band*, 369 F.3d at 968 ("executive branch of the government *illegally* acted as if the [Tribe's] recognition had been terminated"). Accordingly, we conclude that the Regional Director

correctly found that the Tribe was under Federal jurisdiction in 1934 and that § 5 of the IRA provides discretionary authority for the acquisition of Parcel 82 in trust.

III. BIA's Consideration of § 151.11(b) (Weight Given to Concerns Raised by State and Local Governments) and (c) (Business Plan)

Appellant also contends that the Regional Director failed to give “greater weight” to its expressed concerns that the Tribe was not complying with the consent judgment entered in *Sault Ste. Marie Tribe* and the lack of an agreement between the parties regarding payments to be provided by the Tribe in lieu of taxes. Opening Br. at 16-18 (citing 25 C.F.R. § 151.11(b)).

The record makes clear that the Regional Director considered the trust acquisition as subject to the off-reservation provisions in the regulations, and the Tribe agreed to have it considered under those provisions. *See, e.g.*, Letter from Tribal Attorney to Superintendent, June 15, 2012, at 1 (AR Tab 7-A). In the Decision, the Regional Director recognized his obligation to consider Appellant's concerns and stated that he had examined the comments provided by Appellant, along with those provided by the State and Acme Township. Decision at 7 (unnumbered). The Regional Director did not expressly address the consent judgment, but he did address Appellant's comments about the funding that the County was receiving from the Tribe. The Decision notes that based on the “detailed report” submitted by the Tribe, \$1,605,140.34 was directly distributed to the County, and another \$1,035,533.61 was distributed for police, fire, and emergency protection services. *Id.* n.17. While Appellant may have specifically denied that the Tribe was providing the allegedly required funding to the County, Opening Br. at 17, neither in its appeal to the Board, nor in its comments to the Regional Director, did Appellant provide any evidence substantiating its position that the County government was not receiving any funding from the Tribe. Nor has the County ever clarified the precise distinction it sought to make between the Tribe's admitted funding—in substantial amounts—of “community agencies” and funding provided, apparently directly, to the “County government” (although the record supports the Tribe's contention that it did both).¹⁰ Compare Letter from Deputy Civil Counsel to Superintendent, Sept. 28, 2012 (AR Tab 7-B) with Opening Br. at 4, 17-18. *See also City of Moses Lake, Washington v. Northwest Regional Director*, 60 IBIA 111, 120 (2015) (brief discussion of city's concerns by regional director deemed sufficient given city's own cursory discussion); *Linabery v. Acting Great Plains Regional*

¹⁰ Moreover, the County acknowledges that it has “not objected” to the Tribe's payments to community organizations and has “worked cooperatively with” the Tribe to use the funds for purposes such as law enforcement. Letter from Deputy Civil Counsel to Superintendent, July 20, 2012, at 3.

Director, 53 IBIA 42, 48 (2011) (bare assertions, standing alone, are insufficient to satisfy appellant's burden of showing unreasonableness). Moreover, Appellant fails to articulate in any meaningful respect how its expressed concerns about the consent judgment required any greater consideration by the Regional Director, as relevant to impacts on regulatory jurisdiction, real property taxes, and special assessments, *see* 25 C.F.R. § 151.11(b).¹¹ In its comments on the proposed acquisition, Appellant quoted the off-reservation regulatory criteria, but provided no discussion of these criteria or how it contended they should factor into the Regional Director's consideration of Appellant's comments. *See* Letter from Deputy Civil Counsel to Superintendent, Aug. 31, 2012, Enclosure (AR Tab 7-B). Similarly, Appellant's complaints about having no "in lieu" payment agreement in place do not warrant greater consideration under § 151.11(b). *See also Shawano County II*, 53 IBIA at 81 (tribes are under no obligation to offer compensation to offset tax losses). The Regional Director considered Appellant's concerns in the context of acknowledging the distance between Parcel 82 and the Tribe's formal reservation boundaries, and Appellant has not demonstrated that he failed to properly consider those concerns under the criteria for off-reservation acquisitions.¹²

Finally, Appellant argues that the Regional Director failed to require the Tribe to comply with § 151.11(c) because Parcel 82 allegedly will be used for business purposes and the record does not contain a plan from the Tribe specifying the anticipated economic benefits. Opening Br. at 18. In the Decision, the Regional Director recognized that the Tribe was "studying the feasibility of future economic development activities on Parcel 82." Decision at 4 (unnumbered). He then found that the Tribe's analysis of a potential wind energy project was "open and on-going" and that likewise the Tribe was studying a possible housing project. *Id.* Ultimately, however, he accepted the Tribe's statement that it has no plans in the foreseeable future to implement any economic development opportunities or housing on Parcel 82. *Id.* Appellant does not acknowledge the Regional Director's conclusions regarding the Tribe's use of Parcel 82, nor does Appellant provide any evidence that the Tribe has a current plan to develop the property. *Carroll County*, 56 IBIA at 201 (appellant failed to provide any countervailing evidence of development plans). When land is being acquired for business purposes, § 151.11(c) requires a tribe to submit a plan that

¹¹ We take no position on the Tribe's compliance with the consent judgment in *Sault Ste. Marie Tribe*. As BIA points out, *see* Appellee's Br. at 32-33, this is not the forum in which such a challenge should be raised.

¹² We note that although the Regional Director measured the distance between Parcel 82 and the Tribe's "reservation" based on the boundaries of the Tribe's formal reservation, Parcel 82 is only approximately 1 mile from another parcel of land that is already held in trust for the Tribe. AR Tab 7-A. As noted, a Tribe's "reservation" includes existing trust land, within the meaning of 25 C.F.R. § 151.2.

“specifies the anticipated economic benefits associated with the proposed use.” But where, as here, a tribe has no plans in the foreseeable future to develop property, § 151.11(c) could not have been intended to force the tribe to submit a “plan” for a use not yet determined, merely because the tribe has expressed a general interest in exploring the possibility of economic development on the parcel. Accordingly, we conclude that the Regional Director did not err by failing to require the Tribe to submit a business plan under § 151.11(c).

Conclusion

Therefore, pursuant to the authority delegated to the Board of Indian Appeals by the Secretary of the Interior, 43 C.F.R. § 4.1, the Board affirms the Regional Director’s Decision.

I concur:



Steven K. Linscheid
Chief Administrative Judge



Robert E. Hall
Administrative Judge

Grand Traverse County Board of Commissioners v. Acting Midwest Regional Director, Bureau of Indian Affairs
Docket No. IBIA 13-130
Order Affirming Decision
Issued September 25, 2015
61 IBIA 273

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ACME TOWNSHIP BOARD MEETING
ACME TOWNSHIP HALL
6042 Acme Road, Williamsburg MI 49690
Tuesday, September 1, 2015, 7:00 p.m.

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

Henkel, Parks Supervisor, was present to report clean up progress from the recent storm damage. Report attached to minutes.

Members present: J. Aukerman, C. Dye, A. Jenema, G. LaPointe, D. White, J. Zollinger
Members excused: P. Scott (working)
Staff present: J. Jocks, Legal Counsel
 N. Edwardson, Recording Secretary

A. LIMITED PUBLIC COMMENT:

W. Kladder, 4301 Deerwood, thanked the Board and Henkel for the great job cleaning up after the recent storm. He was surprised to see Bayside opened so shortly after. Kladder also gave his support for the acquisition of the additional property at Sayler Park.

Lindsey from Republic Services, a local waste hauling company was present. They currently service other communities Benzie, Ludington, Manistee and Frankfort. Republic Services would like to be able to bid on the next Township waste hauler contract.

D. Hoxsie, 6259 M7 E, thanked Trustee, Aukerman, for all her hard work on grants for the Sayler Park Boat launch. Hoxsie also commented that the 6th annual Acme Fall festival is Saturday, September 26, 2015 at Flintfields Horse Park.

P. Anderson, 10108 Kay Ray Road, G. Trill, 7174 Deepwater Pt Rd, L. Wickle, 7174 Deepwater Pt. Rd, J. Zaloudek, 10351 Kay Ray Rd, all gave support for the Sayler Park acquisition.

B. APPROVAL OF AGENDA:

Motion by LaPointe, seconded by Aukerman, approve the agenda with the addition of Item #5 RFP legal services as under New Business. Motion carried by unanimous vote.

C. INQUIRY AS TO CONFLICTS OF INTEREST: None

D. 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. Draft Unapproved Meeting Minutes:
 - a. Planning Commission 08/10/15
 - b. Notes from 08/11/15 Shoreline Stakeholders meeting
- d. Metro Fire Newsletter

2. APPROVAL:

- a. Regular meeting minutes of 08/11/15
- b. Accounts Payable Prepaid of \$4,009.89 and Current to be approved of \$76,192.94 (Recommend approval: Cathy Dye, Clerk)

Motion by LaPointe, seconded by Dye to approve the consent calendar with the removal of Shoreline Stakeholders 8/11/15 meeting notes and the Treasurer's report. Motion carried by unanimous roll call vote.

E. ITEMS REMOVED FROM THE CONSENT CALENDAR:

LaPointe commented that the opening statement that "the GTRLC is committed to a one to one match" is incorrect. It should read 25% with funds allocated by the township for the Bayside Parks.

Motion by LaPointe, seconded by Jenema to approve the Shoreline Stakeholders 8/11/15 meeting notes with the one correction. Motion carried unanimously.

Jenema commented on the Modified Treasurer's report showing the \$191,000 that will be created by a motion. Additional discussion.

Motion by Jenema, seconded by White to approve the Treasurer's report as presented. Motion carried by unanimous vote.

F. SPECIAL PRESENTATIONS/DISCUSSIONS: None

G. REPORTS: Received and filed

1. Sheriff's Report – Deputy: Ken Chubb
2. County Commissioner's Report – Crawford
3. Road commission report – McKellar

H. CORRESPONDENCE:

1. Letter dated 8/28/15 from Rick Conley, 4082 Circle View Dr, regarding the creation of a SAD in Springbrook Hills No 2
2. Zollinger read an email dated 8/28/15 from Beckett & Raeder regarding a recent Excellence Awards Results. Beckett & Raeder was awarded the 2015 Planning Excellence Award for the Daniel Burnham Award for the Acme Township Master Plan.

I. PUBLIC HEARING:

Metro Fire 2016 Budget presentation – Chief Parker

Chief Parker stated that the preliminary Metro Fire Budget was presented in the August meeting. He has also presented at East Bay and Garfield townships. Garfield had some issues with no land or building plans for a new fire station in Acme. Garfield made a motion to reduce to 2.35 mills and passed 0 to 7. Discussion followed.

LaPointe wanted to discuss fire, ambulance and police separately.

Zollinger discussed his memo showing we are looking at a Metro Budget of 2.35 mills. The memo shows various tax rates we can assess our citizens and what the additional amount Acme could owe Metro if we assess less than the 2.35 budget needs for Metro.

Public Hearing on Fire opened at 7:55 pm/Closed 7:56 pm there being no comments

Motion by LaPointe, seconded by Aukerman to levy the Fire at 2.2 mills. Motion carried by unanimous roll call vote.

Zollinger suggested .35 for ambulance. Discussion.

Public Hearing on Ambulance opened at 8:02 pm/Closed at 8:03 pm there being no comments

Motion by Jenema, seconded by Aukerman to levy the ambulance at .0325 mills Motion carried by unanimous roll call vote.

Public Hearing on Police opened at 8:07 pm/Closed at 8:08 pm there being no comments.

Motion by White, seconded by Jenema to levy the Police at 0.15 mills. Motion carried by unanimous roll call vote.

Motion by Jenema, seconded by Dye to approve Resolution R-2015-#33 establishing Emergency Services Special Assessment levy for 2015 at 2.65 mills. Motion carried by unanimous roll call vote.

J. NEW BUSINESS:

1 Resolution to support opening new bank account – Treasurer

Motion by Jenema, seconded by White to approve Resolution R-2015-#34 adopting an Investment Policy and authorizing the Township Treasurer to open a new account in First Community Bank. Motion carried unanimously.

2. Resolution to move money from General accounts to new Park accounts

Motion by LaPointe, seconded by Jenema to approve Resolution R-2015-#35 approving fund balance moves to new accounts 208 Parks and Recreation and 401 budget corrections to bring the budget in balance improve our 2015-16 audit. Motion carried by unanimous roll call vote.

3. Resolution to establish new budget for new Park accounts

Motion by White, seconded by Dye to approve Resolution R-2015-#36 approving establishing new Budgets for accounts 208 Parks and Recreation fund and 401 Sayler Park Boat Launch Capital Fund. Motion carried by unanimous roll call vote.

4. Single hauler contract extension of existing service

Zollinger stated that we currently have a contract with American Waste through June 2016. American Waste, General Manager, Mark Bevelhymmer, was present. They would like to offer a 5 year contract extension to the existing waste & recycling hauler contract. American Waste is proposing the same rates that are currently used. The rates would be frozen for the five year extension. Discussion followed.

Motion by LaPointe, seconded by White to approve Staff putting out a RFP for hauling services. Motion carried by a vote of 5 in favor (Zollinger, Dye, Aukerman, White, LaPointe) 1 against (Jenema)

5. RFP Legal services

White, LaPointe and Jenema met prior to the Board meeting to review the three proposals received for legal services. After review and discussion the committee suggested to the Board to remain with Olson, Bzdok and Howard.

Motion by White, seconded by LaPointe to approve continuation of legal services with the firm of Olson, Bzdok & Howard. Motion carried by unanimous vote.

K. OLD BUSINESS:

1. Westridge/Circle View/Springbrook SAD funds discussion

Motion by LaPointe to allocate up to \$500 per parcel for the proposed Springbrook/Westridge/Circle View SAD. Seconded by Aukerman. Motion carried by unanimous roll call vote.

2. GTRLC – Camp ground/land opportunity Yuba area

Motion by Jenema, seconded by Aukerman to approve Resolution R-2015-#37 expressing Township commitment to accept land donation from Grand Traverse Regional Land Conservancy. Motion carried by unanimous roll call vote.

3. **Verbal report on storm damage/Clean up parks and Cemeteries**
Henkel addressed in opening remarks. Report attached to minutes.
4. **Status on GTTC Part 41 sewer permit letter to DEQ**
Zollinger stated that all the required paperwork has been submitted to DEQ.

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

ADJOURN AT 9:20 pm

Acme Township Preliminary 8-2-2015 Storm Damage Report				TOM'S NOTES				
Acme Township Public Lands and Structures								
Site	Address	Parcel	Structure Damage	Trees Damaged & Down		Acres	Fixtures and Equipment	Amount
Acme Cemetery	US 31 N Acme	235-021-00	NO	20	15	6	Fence damage	3 areas
Yuba Cemetery	9750 Old US 31	009-012-00	NO	10	10	16	None	
Yuba Shop	9750 Old US31	009-012-00	Yes	75	75		Snow plow lights	
" "	Storage shed destroyed by trees. Electric service pulled down by wires with trees on them.							
Sayler Park	5949 Yuba Park	231-012-00	Yes Beach safety box	50	100	18	Picnic Tables, Benches BBQ's	5
" "			20x40 Picnic Shelter destroyed #2				Picnic Tables, Benches BBQ's	7
" "			20x40 Picnic Shelter Tree Damage to Metal Roof.	Tree on Roof.				
" "			Bath House Tree Damage to Roof Tree on Roof.					
Bayside Park	5871 US 31N	103-077-00	No Beach safety box sidewalk	10		6	Picnic Tables, Benches BBQ's	1
"Annex"	US 31 N Acme	103-010-00	No	5		6		
Shoreline	US 31 N Acme	103-037-00	NO	3		1		
" "	US 31 N Acme	103-046-00	No	3		5		
" "	US 31 N Acme	103-064-00	NO Beach safety box	1		1		
Deepwater Point Nat. Area		300-023-00	NO	25		18		
Yuba Creek Nat. Area		224-011-02	No	100		423		
Deepwater Point Paths			Unknown	2		2		

304 Trees

Acme Cemetery- Done other than a few small brush piles and stumps. Fence repairs

Bayside Park/anr Remaining work Stumps, a few logs to be cut up and removed, wood chips spread, Beach safety box, bench.

D.N.A. Middle beach path cleared Blowdowns removed by contractor.

Sayler Park Remove cut wood stumps and chip remaining brush, Rebuild #2 shelter and restore site, repair Roofs on Bath house and #3 Shelter, r, replace fixtures, clear blow downs from annex- contractor. Fence repairs

Yuba Cemetery Fix power mast on shop, finish clearing blowdown behind shop-contractor, grind stumps in cemetery,

YCNA Clean up blow downs in wooded areas-contractor. Or leave as is.

Update 8/31/2015

Prepaid

CHECK DISBURSEMENT REPORT FOR ACME TOWNSHIP
CHECK DATE FROM 09/03/2015 - 09/30/2015

Banks: CHASE

Check Date	Bank	Check #	Payee	Description	GL #	Amount
09/15/2015	CHAS	23348	AMERICAN WASTE	REPAIRS & MAINT 6042 ACME	101-265-930.000	50.00
		23348		REPAIRS & MAINT BAYSIDE PARK	101-750-930.000	65.00
						<hr/> 115.00
09/15/2015	CHAS	23349	CHASE USA	dues subscriptions	101-101-960.000	16.99
		23349		TRAVEL & MILEAGE	101-215-860.000	119.86
		23349		EDUCATION/TRAINING/CONVENTION	101-215-958.000	338.00
		23349		SUPPLIES & POSTAGE	101-750-726.000	87.97
		23349		REPAIRS & MAINT	101-750-930.000	294.98
						<hr/> 857.80
09/15/2015	CHAS	23350	CONSUMERS ENERGY	STREET LIGHTS	101-265-921.000	565.53
09/15/2015	CHAS	23351	GRAND TRAVERSE COUNTY -DPW	SEWER TOWNSHIP HALL	101-265-923.000	90.00
		23351		REPAIRS & MAINT 5875 US 31 NORTH	101-750-930.000	90.00
						<hr/> 180.00
09/15/2015	CHAS	23352	SHELL OIL COMPANY	REPAIRS & MAINT	101-750-930.000	319.77
09/17/2015	CHAS	23353	CONSUMERS ENERGY	ELECTRIC UTILITIES TOWNHALL - 6042 A	101-265-920.000	883.72
09/17/2015	CHAS	23354	PETTY CASH	POSTAGE FOR PASSPORTS	101-000-465.001	128.35
		23354		SUPPLIES/POSTAGE - MONEY ORDER FEES	101-101-946.001	2.00
		23354		SUPPLIES/POSTAGE - CRISTY'S NAME TAG	101-215-726.000	7.25
		23354		SUPPLIES/POSTAGE - SHAWN'S NAME TAG	101-410-726.000	7.25
		23354		TRAVEL & MILEAGE - HENKEL/TOLLS/LUNC	101-750-860.000	18.00
						<hr/> 162.85
TOTAL - ALL FUNDS				TOTAL OF 7 CHECKS		3,084.67

--- GL TOTALS ---

101-000-465.001	POSTAGE FOR PASSPORTS	128.35
101-101-946.001	SUPPLIES/POSTAGE	2.00
101-101-960.000	dues subscriptions	16.99
101-215-726.000	SUPPLIES & POSTAGE	7.25
101-215-860.000	TRAVEL & MILEAGE	119.86
101-215-958.000	EDUCATION/TRAINING/CONVENTION	338.00
101-265-920.000	ELECTRIC UTILITIES TOWNHALL	883.72
101-265-921.000	STREET LIGHTS	565.53
101-265-923.000	SEWER TOWNSHIP HALL	90.00
101-265-930.000	REPAIRS & MAINT	50.00
101-410-726.000	SUPPLIES & POSTAGE	7.25
101-750-726.000	SUPPLIES & POSTAGE	87.97
101-750-860.000	TRAVEL & MILEAGE	18.00
101-750-930.000	REPAIRS & MAINT	769.75

09/30/2015 02:59 PM
User: CATHY DYE
DB: ACME TOWNSHIP

To Be
Approved

INVOICE REGISTER REPORT FOR ACME TOWNSHIP
EXP CHECK RUN DATES 10/06/2015 - 10/06/2015
UNJOURNALIZED
OPEN

Page: 1/10

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date

Vendor 0000000520 - A & D ASSESSING:

OCTOBER 2015

7094	A & D ASSESSING	10/06/2015	10/06/2015	3,333.34	3,333.34	Open	N
	ASSESSING	CRISTY DANCA					10/06/2015
	101-209-803.002	ASSESSING CONTRACT SERVICES		3,333.34			
	Total for vendor 0000000520 - A & D ASSESSING:			3,333.34	3,333.34		

Vendor BAIRD - BAIRD, COTTER & BISHOP, P.C.:

29344

7120	BAIRD, COTTER & BISHOP, P.C.	10/06/2015	10/06/2015	355.00	355.00	Open	N
	EMAILS, REVIEW YR END JOURNAL ENTR	CRISTY DANCA					10/06/2015
	101-101-801.001	INTERNAL ACCOUNTANT		355.00			
	Total for vendor BAIRD - BAIRD, COTTER & BISHOP, P.C.:			355.00	355.00		

Vendor 0000001660 - BECKETT &RAEDER:

2015-278, 2015-365,

7143	BECKETT &RAEDER	10/06/2015	10/06/2015	1,960.00	1,960.00	Open	N
	PROFESSIONAL SERVICE	CATHY DYE					10/06/2015
	101-410-803.005-073	PLANNING & CONSULTANT T & A		350.00			
	101-410-803.005-073	PLANNING & CONSULTANT T & A		1,610.00			

2015-563

7146	BECKETT &RAEDER	10/06/2015	10/06/2015	1,713.75	1,713.75	Open	N
	PROFESSIONAL SERVICES	CATHY DYE					10/06/2015
	101-410-803.005-901	PLANNING & CONSULTANT T & A		483.75			
	101-410-803.000	PLANNER SERVICES		480.00			
	101-410-803.001	PLANNING CONSULTANT		750.00			
	Total for vendor 0000001660 - BECKETT &RAEDER:			3,673.75	3,673.75		

Vendor DYE - CATHY DYE:

SEPTEMBER

7141	CATHY DYE	10/06/2015	10/06/2015	131.08	131.08	Open	N
	MILEAGE REIMBURSEMENT	CATHY DYE					10/06/2015
	101-215-860.000	TRAVEL & MILEAGE		131.08			
	Total for vendor DYE - CATHY DYE:			131.08	131.08		

Vendor 0000002900 - CHERRYLAND RURAL ELECTRIC:

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date

AUGUST/SEPTEMBER

7150	CHERRYLAND RURAL ELECTRIC	10/06/2015	10/06/2015	433.41	433.41	Open	N
	ELECTRIC	CATHY DYE					10/06/2015
	101-265-921.000	STREET LIGHTS/ HOLIDAY RD/HOLIDAY PINE		70.05			
	101-265-920.000	ELECTRIC UTILITIES TOWNHALL/SAYLER PK B		17.50			
	101-265-920.000	ELECTRIC UTILITIES TOWNHALL/ YUBA CEMET		21.31			
	101-265-920.000	ELECTRIC UTILITIES TOWNHALL/SAYLERPK/BA		32.52			
	101-265-921.000	STREET LIGHTS/YUBA PK RD & US 31 N		31.95			
	101-265-921.000	STREET LIGHTS/PEACEFUL VAL.NEAR 7791		11.37			
	101-265-921.000	STREET LIGHTS/US 31 N-11 LIGHTS		174.58			
	101-265-921.000	STREET LIGHTS/SAYLOR PK		10.27			
	101-265-921.000	STREET LIGHTS/BAY VALLEY ST LITE		11.37			
	101-265-921.000	STREET LIGHTS/5 MILE NEAR ADD 4782		13.47			
	101-265-921.000	STREET LIGHTS/BUNKER HILL AND WHITE		18.48			
	101-265-921.000	STREET LIGHTS/FIVE MILE & HOLIDAY HLS		20.54			
	Total for vendor 0000002900 - CHERRYLAND RURAL ELECTRIC:			433.41	433.41		

Vendor 0000002990 - CINTAS CORP #729:

729755796							
7137	CINTAS CORP #729	10/06/2015	10/06/2015	46.01	46.01	Open	N
	FLOOR MATS	CRISTY DANCA					10/06/2015
	101-265-930.000	REPAIRS & MAINT		46.01			
	Total for vendor 0000002990 - CINTAS CORP #729:			46.01	46.01		

Vendor CRISTY - CRISTY DANCA:

7142	CRISTY DANCA	10/06/2015	10/06/2015	77.97	77.97	Open	N
	MILEAGE REIMBURSEMENT	CATHY DYE					10/06/2015
	101-215-860.000	TRAVEL & MILEAGE		77.97			
	Total for vendor CRISTY - CRISTY DANCA:			77.97	77.97		

Vendor 0000003400 - CULLIGAN WATER, MCCARDEL:

7117	CULLIGAN WATER, MCCARDEL	10/06/2015	10/06/2015	8.00	8.00	Open	N
	WATER AND RENTAL FEE	CRISTY DANCA					10/06/2015
	101-265-930.000	REPAIRS & MAINT		8.00			
	Total for vendor 0000003400 - CULLIGAN WATER, MCCARDEL:			8.00	8.00		

Vendor 0000003830 - DAN HELSEL'S TREE SERVICE:

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SEPTEMBER 2015							
7110	DAN HELSEL'S TREE SERVICE	10/06/2015	10/06/2015	17,500.00	17,500.00	Open	N
	TREE SERVICE	CATHY DYE					10/06/2015
	101-750-930.000	REPAIRS & MAINT - BAY SIDE PARK		3,000.00			
	101-750-930.000	REPAIRS & MAINT- ACME CEMETERY		2,750.00			
	101-750-930.000	REPAIRS & MAINT -YUBA CEMETERY		8,000.00			
	101-750-930.000	REPAIRS & MAINT-YUBA CEMETERY		3,750.00			
	Total for vendor 0000003830 - DAN HELSEL'S TREE SERVICE:			17,500.00	17,500.00		
Vendor 0000004460 - DTE ENERGY:							
4546 351 0001 8							
7147	DTE ENERGY	10/06/2015	10/06/2015	36.95	36.95	Open	N
	GAS, 6042 ACME RD	CATHY DYE					10/06/2015
	101-265-922.000	MICH CON GAS		36.95			
	Total for vendor 0000004460 - DTE ENERGY:			36.95	36.95		
Vendor EPS - EPS:							
A737633							
7118	EPS	10/06/2015	10/06/2015	156.84	156.84	Open	N
	ALARM SYSTEM MONITORING 10/01/15-1	CRISTY DANCA					10/06/2015
	101-750-930.000	REPAIRS & MAINT		156.84			
	Total for vendor EPS - EPS:			156.84	156.84		
Vendor 0000007250 - GINOP SALES:							
WP49934							
7096	GINOP SALES	10/06/2015	10/06/2015	42.42	42.42	Open	N
	MAIN SWITCH FOR L3010 TRACTOR REPA	CRISTY DANCA					10/06/2015
	101-750-930.000	REPAIRS & MAINT		42.42			
	Total for vendor 0000007250 - GINOP SALES:			42.42	42.42		
Vendor 0000007675 - GOSLING CZUBAK ENGR:							
73639							
7097	GOSLING CZUBAK ENGR	10/06/2015	10/06/2015	3,770.00	3,770.00	Open	N
	PH 3 TOWN CTR SEWER	CRISTY DANCA					10/06/2015
	101-410-803.004-901	ENGINEERING SERVICES T&A VGT PH 1		3,770.00			
73656							
7098	GOSLING CZUBAK ENGR	10/06/2015	10/06/2015	1,115.00	1,115.00	Open	N
	COMPLETION OF SITE & GRADING PLAN	CRISTY DANCA					10/06/2015

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	GL Distribution						
	101-101-803.003	ENGINEERING SERVICES		1,115.00			
73652							
7100	GOSLING CZUBAK ENGR	10/06/2015	10/06/2015	441.00	441.00	Open	N
	STORMWATER REVIEW AND MEMO	CRISTY DANCA					10/06/2015
	101-410-803.004-075	ENGINEERING SERVICES T&A		441.00			
72718							
7144	GOSLING CZUBAK ENGR	10/06/2015	10/06/2015	1,025.00	1,025.00	Open	N
	ENGINEERING	CATHY DYE					10/06/2015
	101-410-803.004-073	ENGINEERING SERVICES T&A		1,025.00			
73456, 73483							
7145	GOSLING CZUBAK ENGR	10/06/2015	10/06/2015	1,615.00	1,615.00	Open	N
	PROFESSIONAL SERVICES, TOPOGRAPHI	CATHY DYE					10/06/2015
	101-101-803.003	ENGINEERING SERVICES		455.00			
	101-101-803.003	ENGINEERING SERVICES		1,160.00			
73592							
7149	GOSLING CZUBAK ENGR	10/06/2015	10/06/2015	11,352.00	11,352.00	Open	N
	PROFESSIONAL SERVICES	CATHY DYE					10/06/2015
	401-000-803.000	PLANNER SERVICES		11,352.00			
	Total for vendor 0000007675 - GOSLING CZUBAK ENGR:			19,318.00	19,318.00		

Vendor GTRLC - GRAND TRAVERE REGIONAL LAND CO:

SEPTEMBER 2015

7102	GRAND TRAVERE REGIONAL LAND CO	10/06/2015	10/06/2015	7,500.00	7,500.00	Open	N
	PYMT #3	CRISTY DANCA					10/06/2015
	225-000-802.004	CONTRACTED EMPLOYEE SERVICES		7,500.00			
	Total for vendor GTRLC - GRAND TRAVERE REGIONAL LAND CO:			7,500.00	7,500.00		

Vendor 7890 - GRAND TRAVERSE COUNTY:

90660, 90661

7108	GRAND TRAVERSE COUNTY	10/06/2015	10/06/2015	10,467.07	10,467.07	Open	N
	DPW-ACME SEWER & ACME WATER-HOPE V	CATHY DYE					10/06/2015
	590-000-956.001	OPERATING & MAINT EXP		9,580.95			
	590-000-956.003	HOCH ROAD #697 EXP		61.85			
	590-550-956.001	OPERATING & MAINT EXP		824.27			

SEPTEMBER 2015

7119	GRAND TRAVERSE COUNTY	10/06/2015	10/06/2015	75.00	75.00	Open	N
	PLANNING AND ZONING ESSENTIALS WOR	CRISTY DANCA					10/06/2015
	101-410-958.000	EDUCATION/TRAINING/CONVENTION		60.00			

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	GL Distribution						
	101-215-958.000	EDUCATION/TRAINING/CONVENTION		15.00			
	Total for vendor 7890 - GRAND TRAVERSE COUNTY:			10,542.07	10,542.07		
Vendor 0000007950 - GRAND TRAVERSE METRO ESA:							
779							
7109	GRAND TRAVERSE METRO ESA	10/06/2015	10/06/2015	6,911.89	6,911.89	Open	N
	EMS STAFFING FOR AUGUST, 2015 PAYR CATHY DYE						10/06/2015
	206-000-802.004	CONTRACTED EMPLOYEE SERVICES		6,911.89			
	Total for vendor 0000007950 - GRAND TRAVERSE METRO ESA:			6,911.89	6,911.89		
Vendor 0000007800 - GRD TRAV COUNTY TREASURERS OFF:							
90677							
7133	GRD TRAV COUNTY TREASURERS OFF	10/06/2015	10/06/2015	163.14	163.14	Open	N
	TAX MAP UPDATE (2015)	CRISTY DANCA					10/06/2015
	101-209-726.000	SUPPLIES & POSTAGE		163.14			
	Total for vendor 0000007800 - GRD TRAV COUNTY TREASURERS OFF:			163.14	163.14		
Vendor GREAT - GREATAMERICA FINANCIAL SVCS:							
17576088							
7136	GREATAMERICA FINANCIAL SVCS	10/06/2015	10/06/2015	311.65	311.65	Open	N
	HP BUSINESS DESKTOP COMPUTERS	CRISTY DANCA					10/06/2015
	101-101-804.000	SOFTWARE SUPPORT & PROCESSIN		311.65			
	Total for vendor GREAT - GREATAMERICA FINANCIAL SVCS:			311.65	311.65		
Vendor 0000008700 - H.M.DAY SIGNS, INC:							
065639							
7095	H.M.DAY SIGNS, INC	10/06/2015	10/06/2015	84.00	84.00	Open	N
	6 MAGNETIC SIGNS ACME TWP PARK	CRISTY DANCA					10/06/2015
	101-750-930.000	REPAIRS & MAINT		84.00			
	Total for vendor 0000008700 - H.M.DAY SIGNS, INC:			84.00	84.00		
Vendor 0000010300 - INTEGRITY BUSINESS SOLUTIONS:							
1268034-0							
7132	INTEGRITY BUSINESS SOLUTIONS	10/06/2015	10/06/2015	34.99	34.99	Open	N
	PAPER	CRISTY DANCA					10/06/2015
	101-265-726.000	SUPPLIES & POSTAGE		34.99			

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
1275977-0							
7148	INTEGRITY BUSINESS SOLUTIONS	10/06/2015	10/06/2015	40.07	40.07	Open	N
	BATTERIES, CALCULATOR, ORGANIZER	CATHY DYE					10/06/2015
	101-265-726.000	SUPPLIES & POSTAGE		40.07			
	Total for vendor 0000010300 - INTEGRITY BUSINESS SOLUTIONS:			75.06	75.06		
<hr/>							
Vendor 0000011550 - KENDALL ELECTRIC INC:							
S104085130.001							
7135	KENDALL ELECTRIC INC	10/06/2015	10/06/2015	70.78	70.78	Open	N
	8 - 6" U LAMPS FOR TOWN HALL RESTR	CRISTY DANCA					10/06/2015
	101-265-930.000	REPAIRS & MAINT		70.78			
	Total for vendor 0000011550 - KENDALL ELECTRIC INC:			70.78	70.78		
<hr/>							
Vendor 0000011700 - KIPLEY A JILL:							
OCTOBER							
7111	KIPLEY A JILL	10/06/2015	10/06/2015	15.00	15.00	Open	N
	ELECTION TRAINING/	CATHY DYE					10/06/2015
	101-191-702.000	SALARIES		15.00			
	Total for vendor 0000011700 - KIPLEY A JILL:			15.00	15.00		
<hr/>							
Vendor 0000011800 - KOPY SALES INC.:							
97194, 97195							
7116	KOPY SALES INC.	10/06/2015	10/06/2015	47.85	47.85	Open	N
	B&W AND LEVEL 1, LEVELS 2&3	CRISTY DANCA					10/06/2015
	101-265-930.000	REPAIRS & MAINT		47.85			
	Total for vendor 0000011800 - KOPY SALES INC.:			47.85	47.85		
<hr/>							
Vendor 14413 - MAILFINANCE:							
N5510865, N5362713							
7112	MAILFINANCE	10/06/2015	10/06/2015	308.64	308.64	Open	N
	POSTAGE METER LEASE PAYMENT	CATHY DYE					10/06/2015
	101-101-726.000	SUPPLIES & POSTAGE		308.64			
	Total for vendor 14413 - MAILFINANCE:			308.64	308.64		
<hr/>							
Vendor BLACK - MARK BLACKMORE:							

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date
GL Distribution							
AUGUST 2015							
7099	BLACKMORE PROPERTY MAINTENANCE	10/06/2015	10/06/2015	200.00	200.00	Open	N
	CREMAIN BURIAL-HAMILTON	CRISTY DANCA					10/06/2015
	209-000-802.004	CONTRACTED EMPLOYEE SERVICES		200.00			
	Total for vendor BLACK - MARK BLACKMORE:			200.00	200.00		

Vendor 0000013984 - MICHIGAN ELECTION RESOURCES:

34448							
7115	MICHIGAN ELECTION RESOURCES	10/06/2015	10/06/2015	96.58	96.58	Open	N
	VOTER MASTER CARDS, QVF VOTER ID C	CRISTY DANCA					10/06/2015
	101-191-726.000	SUPPLIES & POSTAGE		96.58			
34486							
7130	MICHIGAN ELECTION RESOURCES	10/06/2015	10/06/2015	18.70	18.70	Open	N
	VOTER REG. ADDRESS CONFIRMATION, U	CRISTY DANCA					10/06/2015
	101-191-726.000	SUPPLIES & POSTAGE		18.70			
	Total for vendor 0000013984 - MICHIGAN ELECTION RESOURCES:			115.28	115.28		

Vendor 0000015070 - NORTHERN MICHIGAN JANITORIAL S:

19421							
7113	NORTHERN MICHIGAN JANITORIAL S	10/06/2015	10/06/2015	28.50	28.50	Open	N
	REPLACEMENT BELT KIT	CRISTY DANCA					10/06/2015
	101-265-930.000	REPAIRS & MAINT		28.50			
19438							
7131	NORTHERN MICHIGAN JANITORIAL S	10/06/2015	10/06/2015	105.30	105.30	Open	N
	CAN LINER 2 100 COUNT	CRISTY DANCA					10/06/2015
	101-750-726.000	SUPPLIES & POSTAGE		105.30			
	Total for vendor 0000015070 - NORTHERN MICHIGAN JANITORIAL S:			133.80	133.80		

Vendor 0000016245 - OLSON,BZDOK&HOWARD,P.C:

SEPTEMBER 2015							
7139	OLSON,BZDOK&HOWARD,P.C	10/06/2015	10/06/2015	3,424.60	3,424.60	Open	N
	ATTORNEY	CATHY DYE					10/06/2015
	101-101-802.002	ATTORNEY SERVICES		900.87			
	101-410-802.002	ATTORNEY SERVICES		1,849.13			
	101-410-802.003-901	ATTORNEY T & A VGT PH 1		674.60			
	Total for vendor 0000016245 - OLSON,BZDOK&HOWARD,P.C:			3,424.60	3,424.60		

Vendor SHAWN - SHAWN WINTER:

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
JULY 2015							
7134	SHAWN WINTER	10/06/2015	10/06/2015	92.38	92.38	Open	N
	MILEAGE:VOILATION INVESTIGATIONS,	CRISTY DANCA					10/06/2015
	101-410-860.000	TRAVEL & MILEAGE		92.38			
	Total for vendor SHAWN - SHAWN WINTER:			92.38	92.38		

Vendor SHERWIN-WI - SHERWIN-WILLIAMS:

6661-2							
7114	SHERWIN-WILLIAMS	10/06/2015	10/06/2015	27.86	27.86	Open	N
	ALK BASE PAINT FOR PUMP HOUSE DOOR	CRISTY DANCA					10/06/2015
	590-550-956.001	OPERATING & MAINT EXP		27.86			
	Total for vendor SHERWIN-WI - SHERWIN-WILLIAMS:			27.86	27.86		

Vendor 0000020900 - SOS ANALYTICAL:

152502							
7140	SOS ANALYTICAL	10/06/2015	10/06/2015	1,000.00	1,000.00	Open	N
	WATER TESTING SAYLER PARK BEACH	CATHY DYE					10/06/2015
	101-750-956.000	MISCELLANEOUS		1,000.00			
	Total for vendor 0000020900 - SOS ANALYTICAL:			1,000.00	1,000.00		

Vendor 0000022000 - TRAVERSE CITY RECORD EAGLE:

AUGUST 2015							
7101	TRAVERSE CITY RECORD EAGLE	10/06/2015	10/06/2015	690.50	690.50	Open	N
	LEGAL NOTICES	CRISTY DANCA					10/06/2015
	101-410-900.000	PUBLICATIONS		232.50			
	101-101-900.000	PUBLICATIONS		458.00			
	Total for vendor 0000022000 - TRAVERSE CITY RECORD EAGLE:			690.50	690.50		

Vendor WYANT - WYANT COMPUTER SERVICES:

MS18018							
7121	WYANT COMPUTER SERVICES	10/06/2015	10/06/2015	1,089.00	1,089.00	Open	N
	WEARE WORKSTATION GOLD, WEARE SE	CRISTY DANCA					10/06/2015
	101-101-804.000	SOFTWARE SUPPORT & PROCESSIN		1,089.00			
	Total for vendor WYANT - WYANT COMPUTER SERVICES:			1,089.00	1,089.00		

# of Invoices:	43	# Due:	43	Totals:	77,916.27	77,916.27
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Net of Invoices and Credit Memos:				77,916.27	77,916.27		

--- TOTALS BY BANK ---

CHASE	GENERAL FUND	48,569.34
FARM	FARMLAND PRESERVATION	7,500.00
SEWER	ACME RELIEF SEWER	10,494.93
PARKS	SAYLER PARK BOAT LAUNCH	11,352.00

--- TOTALS BY GL DISTRIBUTION ---

101-101-726.000	SUPPLIES & POSTAGE	308.64
101-101-801.001	INTERNAL ACCOUNTANT	355.00
101-101-802.002	ATTORNEY SERVICES	900.87
101-101-803.003	ENGINEERING SERVICES	2,730.00
101-101-804.000	SOFTWARE SUPPORT & PROCESSIN	1,400.65
101-101-900.000	PUBLICATIONS	458.00
101-191-702.000	SALARIES	15.00
101-191-726.000	SUPPLIES & POSTAGE	115.28
101-209-726.000	SUPPLIES & POSTAGE	163.14
101-209-803.002	ASSESSING CONTRACT SERVICES	3,333.34
101-215-860.000	TRAVEL & MILEAGE	209.05
101-215-958.000	EDUCATION/TRAINING/CONVENTION	15.00
101-265-726.000	SUPPLIES & POSTAGE	75.06
101-265-920.000	ELECTRIC UTILITIES TOWNHALL	71.33
101-265-921.000	STREET LIGHTS	362.08
101-265-922.000	MICH CON GAS	36.95
101-265-930.000	REPAIRS & MAINT	201.14
101-410-802.002	ATTORNEY SERVICES	1,849.13
101-410-802.003-901	ATTORNEY T & A VGT PH 1	674.60
101-410-803.000	PLANNER SERVICES	480.00
101-410-803.001	PLANNING CONSULTANT	750.00
101-410-803.004-073	ENGINEERING SERVICES T&A	1,025.00
101-410-803.004-075	ENGINEERING SERVICES T&A	441.00
101-410-803.004-901	ENGINEERING SERVICES T&A VGT PH 1	3,770.00
101-410-803.005-073	PLANNING & CONSULTANT T & A	1,960.00
101-410-803.005-901	PLANNING & CONSULTANT T & A	483.75
101-410-860.000	TRAVEL & MILEAGE	92.38
101-410-900.000	PUBLICATIONS	232.50
101-410-958.000	EDUCATION/TRAINING/CONVENTION	60.00
101-750-726.000	SUPPLIES & POSTAGE	105.30
101-750-930.000	REPAIRS & MAINT	17,783.26
101-750-956.000	MISCELLANEOUS	1,000.00

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
	206-000-802.004	CONTRACTED EMPLOYEE SERVICES		6,911.89			
	209-000-802.004	CONTRACTED EMPLOYEE SERVICES		200.00			
	225-000-802.004	CONTRACTED EMPLOYEE SERVICES		7,500.00			
	401-000-803.000	PLANNER SERVICES		11,352.00			
	590-000-956.001	OPERATING & MAINT EXP		9,580.95			
	590-000-956.003	HOCH ROAD #697 EXP		61.85			
	590-550-956.001	OPERATING & MAINT EXP		852.13			
--- TOTALS BY FUND ---							
	101 - GENERAL FUND			41,457.45	41,457.45		
	206 - FIRE FUND			6,911.89	6,911.89		
	209 - CEMETERY FUND			200.00	200.00		
	225 - FARMLAND PRESERVATION			7,500.00	7,500.00		
	401 - SAYLER PARK BOAT LAUNCH CAP			11,352.00	11,352.00		
	590 - ACME RELIEF SEWER			10,494.93	10,494.93		
--- TOTALS BY DEPT/ACTIVITY ---							
	000 -			35,606.69	35,606.69		
	101 - TOWNSHIP BOARD OF TRUSTEES			6,153.16	6,153.16		
	191 - ELECTION EXPENDITURES			130.28	130.28		
	209 - ASSESSOR'S EXPENDITURES			3,496.48	3,496.48		
	215 - CLERK'S EXPENDITURES			224.05	224.05		
	265 - TOWNHALL EXPENDITURES			746.56	746.56		
	410 - PLANNING & ZONING EXPENDITU			11,818.36	11,818.36		
	550 - HOPE VILLAGE- WATER			852.13	852.13		
	750 - MAINT & PARKS EXPENDITURES			18,888.56	18,888.56		

07/01/2015

GRAND TRAVERSE COUNTY

DTHOMPS2

2 0 1 6 B U D G E T D E T A I L

697 HOCH ROAD FACILITY

444 DPW - ACME SEWER

	2014 ACTUAL EXPENDITURES	2015 BUDGET	2015 YTD EXPENDITURES	2016 REQUESTED	2016 RECOMMENDED
701.00 DEPARTMENT HEAD	.00	.00	.00		
702.00 FULL TIME & REGULAR PART TIME	.00	78.00	53.53		
704.00 OVERTIME	.00	50.00	27.98		
715.00 FICA	.00	15.00	7.06		
715.05	.00	.00	.00		
716.00 HEALTH, OPTICAL & DENTAL	.00	40.00	28.59		
716.02 SHORT & L-T DISABILITY	.00	3.00	.66		
717.00 LIFE INSURANCE	.00	2.00	.23		
718.00 RETIREMENT	.00	11.00	.00		
718.01 RETIREMENT DC	.00	15.00	8.49		
718.05 RETIREMENT - DB UAL	.00	25.00	12.80		
719.00 WORKER'S COMP INS	.00	4.00	3.18		
725.99 PERSONNEL-CONTINGENCY	.00	.00	.00		
PERSONNEL	.00	243.00	142.52		
729.02 COPY MACHINE USE	.00	.00	.00		
730.00 POSTAGE	.00	.00	.00		
748.00 GAS, OIL & GREASE	.00	.00	.00		
COMMODITIES	.00	.00	.00		
808.00 ATTORNEY FEES	.00	.00	.00		
818.00 CONTRACT SERVICES	.00	.00	.00		
CONTRACTUAL SERVICES	.00	.00	.00		
909.00 ADVERTISING	.00	.00	.00		
911.00 INSURANCE PAYMENTS	47.61	37.00	36.30	41.00	
920.00 UTILITIES - HEAT	791.51	583.00	302.09	580.00	
921.00 UTILITIES - ELECTRIC	381.68	332.00	121.55	291.00	
924.00 UTILITIES - WASTE COLLECTIONS	.00	.00	.00		
927.00 PROPERTY TAXES	.00	.00	.00		
930.00 BLDG REPAIR & MAINT	29.75	5,109.00	2,043.41	24.00	
949.00 ENGINEERING	.00	.00	.00		
OTHER CHARGES	1,250.55	6,061.00	2,503.35	936.00	
992.00 CONTINGENCY	.00	13.00	.00	116.00	
992.50 PERSONNEL-CONTINGENCY	.00	.00	.00		
997.00 REFUNDS	.00	.00	.00		
DEBT SERVICE	.00	13.00	.00	116.00	
DEPARTMENTAL TOTAL	1,250.55	6,317.00	2,645.87	1,052.00	
GRAND TOTALS	1,250.55	6,317.00	2,645.87	1,052.00	

07/06/2015

GRAND TRAVERSE COUNTY

DTHOMPS2

2016 BUDGET DETAIL

690 DEPT OF PUBLIC WORKS

444 DPW - ACME SEWER

	2014 ACTUAL EXPENDITURES	2015 BUDGET	2015 YTD EXPENDITURES	2016 REQUESTED	2016 RECOMMENDED
701.00 DEPARTMENT HEAD	4,621.27	3,524.00	1,817.86	3,735.00	
701.01 PER DIEM	34.97	66.00	11.61	56.00	
702.00 FULL TIME & REGULAR PART TIME	41,755.82	43,331.00	20,932.54	44,767.00	
702.01 LONGEVITY	415.04	340.00	.00	377.00	
703.00 PART TIME TEMPORARY	121.64	.00	.00		
704.00 OVERTIME	606.66	1,200.00	541.46	1,200.00	
705.00 PERSONAL LEAVE	451.12	906.00	.00	937.00	
715.00 FICA	3,714.26	3,930.00	1,744.90	3,907.00	
716.00 HEALTH, OPTICAL & DENTAL	9,879.13	12,551.00	5,087.05	16,178.00	
716.02 SHORT & L-T DISABILITY	252.26	355.00	131.59	412.00	
716.03 PAYMENT IN LIEU OF INSURANCE	2,000.00	2,000.00	166.67		
717.00 LIFE INSURANCE	74.13	97.00	50.97	154.00	
718.00 RETIREMENT	1,740.24	1,184.00	870.43	1,236.00	
718.01 RETIREMENT DC	2,830.88	3,188.00	1,222.52	3,199.00	
718.05 RETIREMENT - DB UAL	7,230.32	7,700.00	3,745.11	8,689.00	
719.00 WORKER'S COMP INS	653.11	1,053.00	513.22	1,086.00	
720.00 UNEMPLOYMENT COMPENSATION	90.05	.00	.00		
725.99 PERSONNEL-CONTINGENCY	.00	.00	.00		
PERSONNEL	76,470.90	81,425.00	36,835.93	85,933.00	
727.00 OFFICE SUPPLIES	474.92	621.00	231.28	531.00	
729.00 PRINTING AND BINDING	46.29	32.00	8.81	27.00	
729.02 COPY MACHINE USE	108.09	173.00	40.95	118.00	
730.00 POSTAGE	1,533.16	1,688.00	363.84	1,654.00	
742.00 SAFETY EQUIPMENT	165.10	242.00	23.02	177.00	
745.00 UNIFORMS & ACCESSORIES	342.35	359.00	159.12	307.00	
745.02 CLOTHING ALLOWANCE	86.14	28.00	50.60	24.00	
747.00 SMALL TOOLS & SUPPLIES	186.75	207.00	44.04	177.00	
748.00 GAS, OIL & GREASE	2,086.34	2,064.00	561.43	1,765.00	
748.50 GAS, OIL, GREASE - STATIONS	164.66	100.00	56.07	200.00	
752.01 SEWER SYSTEM MATERIALS	31,161.59	2,000.00	.00	2,000.00	
752.50 SEWER SYS. MAINT & SUPPLIES	874.65	4,000.00	1,984.32	2,500.00	
775.00 JANITORIAL SUPPLIES	35.56	18.00	11.22	30.00	
COMMODITIES	37,093.32	11,532.00	3,534.70	9,510.00	
808.00 ATTORNEY FEES	3,267.30	863.00	267.81	1,180.00	
810.00 SUBSCRIPTIONS	13.65	14.00	.00	12.00	
811.00 SERVICE CONTRACTS	.00	.00	.00		
812.00 MIS CHARGES	2,477.71	2,277.00	698.54	2,390.00	
812.01 INTERNET ACCESS	81.21	87.00	33.12	74.00	
818.00 CONTRACT SERVICES	1,097.53	1,092.00	178.95	6,984.00	
850.00 TELEPHONE	526.55	518.00	223.25	443.00	
850.99 TELEPHONE, MOBILE	608.43	1,035.00	238.03	590.00	
852.00 TELEMETER EXP - GENERAL	5,462.96	1,113.00	143.16	1,121.00	
853.00 MISS DIG SERVICES	380.37	345.00	308.25	354.00	

07/06/2015

GRAND TRAVERSE COUNTY

DTHOMPS2

2016 BUDGET DETAIL

690 DEPT OF PUBLIC WORKS

444 DPW - ACME SEWER

	2014 ACTUAL EXPENDITURES	2015 BUDGET	2015 YTD EXPENDITURES	2016 REQUESTED	2016 RECOMMENDED
860.00 TRAVEL	2.57	14.00	.00	12.00	
860.01 CONVENTIONS & CONFERENCES	12.23	7.00	5.13	6.00	
CONTRACTUAL SERVICES	13,930.51	7,365.00	2,096.24	13,166.00	
909.00 ADVERTISING	27.44	73.00	37.63	18.00	
911.00 INSURANCE PAYMENTS	3,883.63	3,408.00	3,407.16	3,393.00	
920.00 UTILITIES - HEAT	617.49	552.00	256.11	531.00	
921.00 UTILITIES - ELECTRIC	316.53	276.00	125.41	266.00	
923.00 UTILITIES - WATER & SEWER	77.81	83.00	17.00	71.00	
924.00 UTILITIES - WASTE COLLECTIONS	60.84	108.00	26.91	92.00	
924.99 SEWER SYSTEM UTILITY EXP	18,066.11	18,000.00	7,029.16	19,550.00	
925.99 SEWER SYSTEM DISPOSAL EXP	145,110.87	145,500.00	61,151.81	152,278.00	
930.00 BLDG REPAIR & MAINT	376.86	483.00	156.12	413.00	
932.00 EQUIP REPAIR & MAINT	97.40	690.00	30.42	590.00	
932.01 RADIO REPAIR & MAINT	.00	.00	.00		
934.00 VEHICLE REPAIR & MAINT	527.89	759.00	150.01	472.00	
941.00 EQUIP RENT/LEASE	.00	.00	.00		
941.02 SYSTEM SOFTWARE	409.89	1,829.00	182.51	478.00	
942.01 COUNTY INDIRECT COSTS-G.T.	10,385.15	10,350.00	8,004.76	8,850.00	
943.00 OFFICE SPACE RENTAL	2,026.17	1,863.00	1,821.03	1,770.00	
949.00 ENGINEERING	782.84	1,629.00	1,348.20	295.00	
956.00 EMPLOYEE TRAINING & DEVELOP.	58.27	138.00	5.18	118.00	
963.08 SPECIAL PROJECTS	.00	.00	.00		
OTHER CHARGES	182,825.19	185,741.00	83,749.42	189,185.00	
975.00 BUILDINGS	6,275.26	1,267.00	1,266.43	1,140.00	
977.00 MACHINERY AND EQUIPMENT	285.78	.00	.00	944.00	
977.07 TELEMETERING EQUIPMENT	.00	345.00	.00		
978.00 VEHICLE	.00	5,520.00	.00	4,720.00	
CAPITAL OUTLAYS	6,561.04	7,132.00	1,266.43	6,804.00	
992.00 CONTINGENCY	.00	19,635.00	.00	20,000.00	
992.50 PERSONNEL-CONTINGENCY	.00	.00	.00		
DEBT SERVICE	.00	19,635.00	.00	20,000.00	
DEPARTMENTAL TOTAL	316,880.96	312,830.00	127,482.72	324,598.00	
GRAND TOTALS	316,880.96	312,830.00	127,482.72	324,598.00	

07/06/2015

GRAND TRAVERSE COUNTY

DTHOMPS2

2 0 1 6 B U D G E T D E T A I L

690 DEPT OF PUBLIC WORKS

460 ACME WATER - HOPE VILLAGE

	2014 ACTUAL EXPENDITURES	2015 BUDGET	2015 YTD EXPENDITURES	2016 REQUESTED	2016 RECOMMENDED
701.00 DEPARTMENT HEAD	219.29	191.00	86.82	176.00	
701.01 PER DIEM	1.89	4.00	.63	2.00	
702.00 FULL TIME & REGULAR PART TIME	2,775.13	2,313.00	1,027.49	2,087.00	
702.01 LONGEVITY	16.60	18.00	.00	17.00	
703.00 PART TIME TEMPORARY	23.45	.00	.00		
704.00 OVERTIME	6.47	50.00	3.48	100.00	
705.00 PERSONAL LEAVE	23.19	48.00	.00	44.00	
715.00 FICA	223.41	202.00	82.17	186.00	
716.00 HEALTH, OPTICAL & DENTAL	717.31	671.00	284.03	760.00	
716.02 SHORT & L-T DISABILITY	17.70	19.00	7.64	19.00	
716.03 PAYMENT IN LIEU OF INSURANCE	.00	.00	.00		
717.00 LIFE INSURANCE	4.70	5.00	2.68	7.00	
718.00 RETIREMENT	54.25	63.00	18.66	57.00	
718.01 RETIREMENT DC	222.90	169.00	77.74	154.00	
718.05 RETIREMENT - DB UAL	414.78	412.00	181.24	406.00	
719.00 WORKER'S COMP INS	47.60	56.00	22.64	52.00	
720.00 UNEMPLOYMENT COMPENSATION	4.91	.00	.00		
725.99 PERSONNEL-CONTINGENCY	.00	.00	.00		
PERSONNEL	4,773.58	4,221.00	1,795.22	4,067.00	
727.00 OFFICE SUPPLIES	24.59	36.00	13.42	18.00	
729.00 PRINTING AND BINDING	2.38	2.00	1.11	1.00	
729.02 COPY MACHINE USE	5.54	10.00	2.37	4.00	
730.00 POSTAGE	7.16	7.00	1.71	5.00	
742.00 SAFETY EQUIPMENT	8.58	14.00	1.29	6.00	
745.00 UNIFORMS & ACCESSORIES	17.55	21.00	9.12	11.00	
745.02 CLOTHING ALLOWANCE	.72	2.00	.65	1.00	
747.00 SMALL TOOLS & SUPPLIES	9.59	12.00	2.65	6.00	
748.00 GAS, OIL & GREASE	106.98	120.00	32.53	60.00	
748.50 GAS, OIL, GREASE - STATIONS	8.56	20.00	3.25	20.00	
753.00 WATER SYSTEM MATERIALS	.00	500.00	.00	500.00	
753.50 WATER SYS. MAINT & SUPPLIES	1,562.82	2,000.00	2.13	800.00	
775.00 JANITORIAL SUPPLIES	1.82	1.00	.65	1.00	
COMMODITIES	1,756.29	2,745.00	70.88	1,433.00	
808.00 ATTORNEY FEES	130.45	50.00	10.91	40.00	
810.00 SUBSCRIPTIONS	.70	1.00	.00	1.00	
810.01 DUES	.89	2.00	.89		
811.00 SERVICE CONTRACTS	.00	.00	.00		
812.00 MIS CHARGES	127.30	132.00	40.50	81.00	
812.01 INTERNET ACCESS	4.18	5.00	1.92	3.00	
818.00 CONTRACT SERVICES	4.95	30.00	3.39	228.00	
850.00 TELEPHONE	27.05	30.00	12.97	15.00	
850.99 TELEPHONE, MOBILE	31.21	60.00	13.77	20.00	
852.00 TELEMETER EXP - GENERAL	236.76	408.00	114.43	380.00	

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GRAND TRAVERSE COUNTY

DTHOMPS2

2 0 1 6 B U D G E T D E T A I L

690 DEPT OF PUBLIC WORKS

460 ACME WATER - HOPE VILLAGE

	2014 ACTUAL EXPENDITURES	2015 BUDGET	2015 YTD EXPENDITURES	2016 REQUESTED	2016 RECOMMENDED
853.00 MISS DIG SERVICES	11.68	20.00	16.06	12.00	
860.00 TRAVEL	.13	1.00	.00	1.00	
860.01 CONVENTIONS & CONFERENCES	.63	1.00	.30	1.00	
CONTRACTUAL SERVICES	575.93	740.00	215.14	782.00	
909.00 ADVERTISING	1.41	2.00	.00	1.00	
911.00 INSURANCE PAYMENTS	199.16	198.00	197.52	115.00	
920.00 UTILITIES - HEAT	31.66	32.00	14.85	18.00	
921.00 UTILITIES - ELECTRIC	16.23	16.00	7.27	9.00	
923.00 UTILITIES - WATER & SEWER	4.00	5.00	1.00	3.00	
923.83 HYDRANT MAINTENANCE	.00	.00	.00		
923.85 WATER SYSTEM UTILITY EXP	3,386.57	3,500.00	2,256.28	4,000.00	
924.00 UTILITIES - WASTE COLLECTIONS	3.12	7.00	1.56	4.00	
924.26 LOCHENHEATH	.00	.00	.00		
930.00 BLDG REPAIR & MAINT	19.33	28.00	9.05	14.00	
932.00 EQUIP REPAIR & MAINT	4.99	40.00	1.77	20.00	
932.01 RADIO REPAIR & MAINT	.00	.00	.00		
934.00 VEHICLE REPAIR & MAINT	27.03	44.00	8.69	16.00	
941.00 EQUIP RENT/LEASE	.00	.00	.00		
941.02 SYSTEM SOFTWARE	11.63	98.00	12.95	9.00	
942.01 COUNTY INDIRECT COSTS-G.T.	532.57	600.00	464.04	300.00	
943.00 OFFICE SPACE RENTAL	103.91	108.00	105.57	60.00	
949.00 ENGINEERING	33.86	95.00	70.29	10.00	
956.00 EMPLOYEE TRAINING & DEVELOP.	3.98	8.00	2.73	4.00	
OTHER CHARGES	4,379.45	4,781.00	3,153.57	4,583.00	
975.00 BUILDINGS	321.80	74.00	73.42	39.00	
977.00 MACHINERY AND EQUIPMENT	14.66	.00	.00	32.00	
977.07 TELEMETERING EQUIPMENT	.00	20.00	.00		
978.00 VEHICLE	.00	320.00	.00	160.00	
982.65 ASSESSMENT - ACT 165	613.99	675.00	.00	675.00	
CAPITAL OUTLAYS	950.45	1,089.00	73.42	906.00	
992.00 CONTINGENCY	.00	424.00	.00	1,000.00	
992.50 PERSONNEL-CONTINGENCY	.00	.00	.00		
DEBT SERVICE	.00	424.00	.00	1,000.00	
DEPARTMENTAL TOTAL	12,435.70	14,000.00	5,308.23	12,771.00	
GRAND TOTALS	12,435.70	14,000.00	5,308.23	12,771.00	

	SEPTAGE 590-470 Expenditures	<i>Proposed</i>
	OPERATIONS BUDGET	<i>2016</i>
		<i>Budget</i>
	PERSONNEL	\$72,518.00
727.00	Office Supplies	\$300.00
729.00	Printing and Binding	\$1,200.00
729.01	Public Relations & Education/(Grant '08-'11)	\$0.00
729.02	Copy Machine Use	\$100.00
730.00	Postage	\$200.00
742.00	Safety Equipment	\$250.00
	COMMODITIES	\$2,050.00
808.00	Attorney Fees	\$8,000.00
810.01	Dues-Michigan Septic Tank Association	\$225.00
812.00	MIS Charges	\$0.00
812.01	Internet Access-for link to DPW office	\$800.00
818.00	Contract Services	\$5,500.00
818.38	OMI Contract	\$278,000.00
818.39	Sludge Disposal Fees -as of July 09 in OMI contract	\$1,200.00
818.48	Bank Fees & Finance Charges for credit card fees	\$1,000.00
818.84	Capacity Lease	\$0.00
850.00	Telephone	\$800.00
860.00	Travel	\$1,000.00
860.01	Conventions & Conferences	\$200.00
	CONTRACTUAL SERVICES	\$296,725.00
909.00	Advertising	\$120.00
911.00	Insurance Payments	\$6,100.00
920.00	Utilities - Heat	\$3,800.00
921.00	Utilities - Electric	\$180,000.00
923.00	Utilities - Water & Sewer	\$4,000.00
925.99	Sewer System Disposal Exp-for WWTP fees	\$13,000.00
930.00	Building Repair & Maintenance	\$2,000.00
932.00	Equipment Repair & Maintenance	\$250.00
942.01	County Indirect Costs	\$12,000.00
949.00	Engineering	\$5,000.00
956.09	Public Education/Information	\$0.00
968.00	Depreciation Expense	\$225,000.00
968.01	Depreciation - Building	\$0.00
968.02	Depreciation - Equipment	\$0.00
	OTHER CHARGES	\$451,270.00
977.00	Machinery & Equipment	\$100,000.00
	CAPITAL OUTLAYS	\$100,000.00
991.00	Principal	\$278,000.00
992.00	Contingency	\$20,000.00
992.50	Personnel Contingency	\$0.00
995.00	Interest & Fees	\$130,600.00
997.00	Refunds-to haulers that pay on time	\$23,000.00
	DEBT SERVICE	\$451,600.00
	TOTALS	\$1,374,163.00
	590-470 Revenues	
401.00	Fund Balance Forward	
454.00	Penalty Fees-haulers paying late	\$50.00
463.00	Septic Permits	
582.00	Local Grants	
607.00	Charges for Services - Fees	
607.41	Septage Tanks	\$936,000.00
607.42	Holding Tanks	\$120,500.00
607.43	Grease Traps	\$113,000.00
607.44	Other Fees	
607.46	Special Waste	\$25,000.00
675.00	Contributions, Private Source	
686.00	Reimbursements Total	\$0.00
699.00	Transfer In	
		\$1,194,550.00
	590 Revenues	
463.00	Septic Permits	\$30,975.00
506.00	Federal Grant	\$0.00
665.00	Interest Earned	\$25.00
699.00	Transfer in	\$0.00
	590 Revenues	\$31,000.00
	590 and 590-470 Revenues	\$1,225,550.00



MEMO

To: Acme, East Bay, Elmwood, Garfield, and Peninsula Townships
From: John Divozzo, Director of Public Works
Date: September 14, 2015

Subject: Technical Specifications - Water/Sewer

Dear Townships,

The DPW and its consultants have been working on updating the technical specifications for water and sewer over the past several months. The Board of Public Works has reviewed these documents several times before making a recommendation to the Townships to accept these changes and approve the specifications.

A summary memo is included that provides a general detail of the changes that are recommended. The changes being recommended are not major and provide for updated standards and test methods, to reflect current industry standards, and/or to include staff recommendations for installation.

A hydrant sign requirement was added and record drawing submittal formats were updated to include GIS formats. Also, a checklist was included to aid in project turn over and recordkeeping.

Staff also recommended that a draft easement document be included for those cases requiring a public utility easement for installation of mains and appurtenances.

Staff, our engineering firm, and the Board of Public Works recommend approval of these standard specifications.

Thank you.

MEMO

To: John Divozzo, DPW Director **Re:** Summary Memo
From: Jennifer Hodges, GFA **Date:** August 21, 2015
Re Project: 2015 Master Specification
and Detail Updates
Re Project No: 15029

Attached for your review and approval are the 2015 Grand Traverse County Standard Specifications and Detail Drawings. The updates were performed by a collaborative effort among DPW staff, and local engineering, construction and sales / distribution companies. At the request of the Grand Traverse County Board of Public Works Members a summary of the updates that were incorporated in the documents is itemized below. Please note, this list is not fully comprehensive and only states those changes made applicable to material and/or constructability and not grammatical errors.

Specifications

1. Section 1 – General Requirements
 - a. 1.10 was updated to allow digital and/or hard copy submittals of shop drawings
2. Section 3 – Project Close Out
 - a. 3.02 was updated to require (4) hard copy and (1) digital CD copy of the Operations and Maintenance Manual
 - b. 3.02 was updated to require (1) pdf copy and (1) digital AutoCAD copy of record drawings. In addition, the AutoCAD drawing must be submitted utilizing Michigan State Plane Coordinates compatible with the new county GIS utility mapping system.
 - c. A project closeout checklist was added to the specification.
3. Section 4 – Excavation, Trenching, and Backfilling
 - a. 4.03D was updated defining procedures for dewatering and measures to be implemented to ensure water quality, protection of surrounding area and prevention of erosion.
 - b. 4.03L updated standard (ASTM D698)
 - c. 4.03N was added defining the process and procedure for directional drilling of utilities.
4. Section 5 – Concrete Work
 - a. Updated standard references
5. Section 6 – Sanitary Sewer Main
 - a. 6.03B was updated to allow for use of Fernco adaptors at the approval of the Township Engineer
 - b. 6.03E was updated to include 75' distance from residential Type II/III wells
 - c. 6.03J.3 was updated to require submittal CDs rather than VHS for sewer televising videos
6. Section 7 – Sanitary Sewer Appurtenances (Manhole Steps)
 - a. 7.03 a and b: minimum width changed to 12"

7. Section 8 – Force Mains
 - a. 8.01 added statement regarding final approval of materials
 - b. 8.03 added language regarding HDPW directional drilled applications
 - c. 8.05 updated standard references
 - d. 8.10 was updated to allow for #10 gauge plastic coated tracer wire to utilized for open-cut plastic pipe and ¼" stainless steel braided tracer wire for directional drilled plastic pipe.
8. Section 9 – Water Mains and Appurtenances
 - a. 9.02A.3 was updated to eliminate the installation of butterfly valves in manholes at all transitions (ductile iron to plastic) of materials.
 - b. 9.02C was updated to include current requirements of AWWA C515.
 - c. 9.02F updated standards and hydrant requirements
 - d. 9.02G.1 was updated to allow for use of compression fittings on the water service connections.
 - e. 9.05 amended to include continuity testing
 - f. 9.07D was updated to require a water sample of source water prior to connecting new watermain to existing. It was also updated to require water samples to be analyzed by the City of Traverse City Water Department unless prior authorization is given by the DPW.
 - g. 9.12 was updated to allow for #10 gauge plastic coated tracer wire to utilized for open-cut plastic pipe and ¼" stainless steel braided tracer wire for directional drilled plastic pipe.
 - h. 9.16 was updated to require the contractor to be responsible to purchase and install the hydrant signs and that they can be obtained from the local fire department.
9. Section 12 – Submersible Sewage Station
 - a. 12.04 was updated to allow for an alternate one piece fiberglass module installed on top of the wet well to be utilized as the bypass valve chamber
 - b. 12.05 added Brass Pipe and Fittings as Section 4
 - c. 12.06 was updated to require the use a submersible level transducer with backup mercury float switches to monitor wet well volumes rather than an ultrasonic.
 - d. 12.07 was updated to require installation of pump motors that are inverter duty rated (compatible for Variable Frequency Drives) and bypass motor starters.
 - e. 12.07A.7 added language regarding temporary power supply
10. Section 13 – Replacement and Cleanup
 - a. 13.02A amended bituminous delivery temperature
 - b. 13.02B was updated to require LVSP asphalt be placed consistent with the Grand Traverse County Road Commission requirements.
 - c. 13.02C updated MDOT Specification reference

Detail Drawings

1. An additional sanitary sewer detail (#1B) was added allowing for installation of manhole that is 5 foot diameter with an internal drop if proposed to be installed within the limits of a road. This is only at the discretion of the DPW and Township Engineer. Otherwise, manholes requiring a drop shall still be installed outside but include a vertical riser and cap to accommodate maintenance.
2. Modified Watermain Detail (#1: Hydrant Assembly) to include Hydrant Sign.

Easement Template

Template added as Attachment

Checklist

Checklist added to improve document tracking and aid in the turn over process

RESOLUTION NUMBER - _____

RESOLUTION ADOPTING THE 2015 EDITION OF THE *STANDARD TECHNICAL SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF WATER AND SEWER LINES FOR THE TOWNSHIP OF* _____

WHEREAS the Township of _____ owns a water distribution and wastewater collection system and the Grand Traverse County Department of Public Works (DPW) operates the same; and

WHEREAS the Township has existing minimum standards for the design and construction of water and sewer lines; and

WHEREAS, it has been determined by the DPW that the existing minimum standards for the design and construction of water and sewer lines do not provide adequate protections to the Township and its water and sewer systems; and

WHEREAS the DPW has developed its 2015 Edition of the *Standard Technical Specifications*; and

WHEREAS the Township of _____ finds that the adoption of the 2015 Edition of the *Standard Technical Specifications* is necessary and proper to the continued management, growth and protection of the Township water and wastewater system.

NOW THEREFORE, BE IT RESOLVED BY THE TOWNSHIP OF _____ THAT:

1. The Township of _____ adopts the 2015 Edition of the *Standard Technical Specifications*.
2. Any resolution, resolution section, policy, or directive in conflict with this Resolution is repealed or amended to reflect and achieve the purposes stated herein.

PASSED AND APPROVED this __ day of _____, 2015

Yes: _____

No: _____

Absent: _____

ATTEST:

Township Clerk,



Memo

To: Acme Township Board of Trustees

From: Shawn Winter, Zoning Administrator

cc:

Date: 09/24/2015

Re: Ordinance Amendment 035 – Architectural Standards in the US-31/M-72 Business District

The Planning Commission held a public hearing at their August 10th, 2015 meeting for Amendment 035 of the Acme Township Zoning Ordinance. The Amendment proposes changes to the architectural standards in § 6.6 US-31/M-72 Business District. A brief summary of the proposed changes follows below and a complete summary is attached.

Amendment #035 – US 31/M 72 Business District Architectural Standards

- a. Table in § 6.6.5.2 Building Placement, Density and Parking:
 - i. Proposed reductions to the minimum percent of building front and side façades relative to lot width and depth
- b. Table in § 6.6.6.3 Site Lighting:
 - i. Add language regulating the location of wall pack lighting, front façade illumination and parking lot lighting pole height limitations
- c. Table in § 6.6.6.5 Façade Components and Materials (All Buildings Except Residential-Only Buildings):
 - i. Entire section to be deleted and replaced with language stating more detailed requirements for Façade Ornamentation, Façade Massing, Roofs, Customer Entrances, and Building Materials
- d. Table in § 6.6.6.6 Water Quality:
 - i. Entire section to be deleted and replaced with language that adds authorization to the Planning Commission to determine the type of Low Impact Development water quality technologies will be used.

After the public hearing the Planning Commission made a unanimous motion to send the Amendment to Grand Traverse County Planning Commission (County) for review. The County cancelled their August meeting, waiving their right for review. However, the County Director of Planning and Development conducted a staff review and had no comments on the Amendment. The Planning Commission passed a motion unanimously at their September 14th, 2015 meeting to recommend approval by the Township Board.

Suggested Motion:

Approval of Zoning Ordinance Amendment 035 to § 6.6 US-31/M-72 Business District Architectural Standards of the Acme Township Zoning Ordinance

**AMENDMENT TO ACME TOWNSHIP ZONING ORDINANCE
SECTION 6.6 US-31 / M-72 BUSINESS DISTRICT**

The Acme Township Planning Commission has reviewed and considered changes to Section 6.6 pursuant to the following:

Whereas the Township adopted Section 6.6 on April 8, 2014;

Whereas the implementation of Section 6.6 has revealed that certain sections of 6.6 should be revised to better meet the Township's zoning goals;

Whereas setbacks, lighting, storm water, and building facades require amendment in order to meet those goals.

Now Therefore, the following changes shall be made to Section 6.6 of the Acme Township Zoning Ordinance:

1. The Table in Section 6.6.5.2 Building Placement, Density and Parking shall be deleted in its entirety and replaced with the following:

Building Placement		SFN	MHN	CS	C	CF
<u>Built-to Line (BTL) Distance from Property Line</u>						
Front		30'	30'	30'	20'	5'
Side Street, corner lot		30'	30'	NA	20'	5'
<u>Setback</u>						
Side		10'	10'	10'	3'	5'
Rear		30'	30'	35'	25'	5'
Building front facade as a % of Lot Width (Min.)		NA	NA	NA	65%	75%
Side Street Facade as a % of Lot Depth (Min.)		NA	NA	NA	30%	50%

2. The following shall be added to Section 6.6.6.3:

“Wall pack lighting shall only be used on the rear or side of the building to illuminate exits and loading facilities.

Front facade illumination lighting may be used only over the customer entry.

Parking lot lighting pole height (including luminaire) shall not exceed the height of the building or 27 feet whichever is less.”

3. Section 6.6.6.5 Facades (All Buildings Except 1st Floor Residential) shall be deleted in its entirety and replaced by the following:

“Section 6.6.6.5 Facade Components and Materials (All Buildings Except Residential-Only Buildings)”

Facade Ornamentation

All visible elevations shall include decorative features such as cornices, pilasters, and friezes. Building recesses and protrusions will be required on larger buildings to break long uninterrupted building walls.

Facade Massing

Front facades 60 feet wide or wider shall incorporate wall offsets of at least two feet in depth (projections or recesses) a minimum of every 40 feet. Each required offset shall have a minimum width of 20 feet.

Roofs

When flat roofs are used, parapet walls with three-dimensional cornice treatments shall be used to conceal the roof.

Asymmetric or dynamic roof forms allude to motion, provide variety and flexibility in nonresidential building design, and allow for unique buildings. Asymmetric or dynamic roof forms shall be permitted on nonresidential buildings as an alternative to Flat Roofs.

All roof-based mechanical equipment, as well as vents, pipes, antennas, satellite dishes, and other roof penetrations (with the exception of chimneys), shall be located on the rear elevations or screened with a parapet wall having a three-dimensional cornice treatment so as to have a minimal visual impact as seen from public street, existing single family uses, and land zoned for residential and agricultural uses.

Customer Entrances

Each side of a building facing a public street shall include at least one customer entrance,

except that no building shall be required to provide entrances on more than two sides of the structure that face public streets.

Buildings shall have clearly defined, highly visible customer entrances that include no less than three of the following design features:

- a) Canopies/porticos above the entrance;
- b) Roof overhangs above the entrance;
- c) Entry recesses/projections;
- d) Arcades that are physically integrated with the entrance;
- e) Raised corniced parapets above the entrance;
- f) Gabled roof forms or arches above the entrance;
- g) Outdoor plaza adjacent to the entrance having seating and a minimum depth of 20 feet;
- h) Display windows that are directly adjacent to the entrance; or
- i) Architectural details, such as tile work and moldings, that is integrated into the building structure and design and is above and/or directly adjacent to the entrance.

Building Materials

Use of durable and traditional building materials shall be used. Fluted concrete masonry units and scored concrete masonry unit block, although not considered traditional building materials may be used but shall not exceed 25% of the surface square footage of any portion of the building exposed to a public right-of-way, or customer access or parking area.

Materials such as exterior insulation finish system (EIFS), concrete panels, and panel brick are not considered durable and traditional building materials and will not be used.

4. Section 6.6.6.6 Water Quality shall be deleted in its entirety and replaced by the following.

“Section 6.6.6.6 Water Quality

All projects shall adhere to the Acme Township Stormwater Ordinance, as well as, incorporating low impact development (LID) water quality technologies. Low impact development water quality technologies shall include, but are not limited to, rain gardens, rooftop gardens, vegetated swales, cisterns, permeable pavers, porous pavement, and filtered stormwater structures will be required on site as a component of the overall stormwater plan. The Planning Commission has the authority to determine the type of LID that will be used as part of the approval process.”



NEW FORMAT

ACME TOWNSHIP REGULAR BOARD MEETING ACME TOWNSHIP HALL 6042 Acme Road, Williamsburg MI 49690 Tuesday, October 6, 2015, 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:

- 1. Draft unapproved minutes 09/01/15

C. INQUIRY AS TO CONFLICTS OF INTEREST:

D. REPORTS

- 1. Clerk
- 2. Treasurer
- 3. Supervisor
- 4. Parks
- 5. Legal Counsel
- 6. Sheriff
- 7. County

E. SPECIAL PRESENTATIONS/DISCUSSIONS:

- F. **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. Draft Unapproved Meeting Minutes:
 - 1. Planning Commission
 - 2.

2. APPROVAL:

- a. Regular meeting minutes of
- b. Accounts Payable Prepaid of \$ and Current to be approved of
\$ (Recommend approval: Cathy Dye, Clerk)

G. ITEMS REMOVED FROM THE CONSENT CALENDAR:

- 1. _____

NN

NEW FORMAT

2. _____
3. _____

H. CORRESPONDENCE:

I. PUBLIC HEARING:

J. NEW BUSINESS:

1. **DPW 2016 budget approval—John Divozzo DPW Manager**
2. **DPW approval of new technical standards-John Divozzo-DPW Manager**
3. **Approval of new form based Arctural standards-Shawn Winter**
4. **Review of new Acme Township meeting format-supervisor**
5. **Resolution on Contact for MI Disaster Assistance Request-Supervisor**

K. OLD BUSINESS:

- 1.

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

ADJOURN

Grand Traverse County Michigan

Natural Hazards Mitigation Plan



2015

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I. ACKNOWLEDGEMENTS

The Plan is the culmination of the interdisciplinary and interagency planning effort that required the assistance and expertise of numerous agencies, organizations, and individuals. Without the technical assistance and contributions of time and ideas of these agencies, organizations, and individuals, this plan could not have been completed.

Each jurisdiction within Grand Traverse County is a continuing participant in the update of the Plan. The following is a list of key contributors who were instrumental in the update of the Grand Traverse County Natural Hazards Mitigation Plan:

Grand Traverse County Emergency Management

Gregg Bird

Grand Traverse County Planning Commission

Grand Traverse County Planning Department

John Sych

Grand Traverse County Board of Commissioners

Herb Lemcool

Grand Traverse County Health Department

Wendy Trute

Traverse City Police Department

Joe McCarthy

Traverse City Fire Department

Jim Tuller

Grand Traverse Band of Ottawa and Chippewa Indians

Joe Hahn

Others

Grand Traverse Central 911

Grand Traverse Metro Emergency Services

Grand Traverse Rural Fire

Peninsula Twp Fire & EMS

Blair Twp Fire & EMS

Grand Traverse Road Commission

Michigan State Police

Traverse City Public Services

Grand Traverse County Public Works

North Flight EMS

Munson Medical Center

FBI, Traverse City Office

Grand Traverse Pavilions

National Cherry Festival

WTCM radio (EAS broadcast station)

Grand Traverse Band of Ottawa & Chippewa Indians

Traverse City Light and Power

Consumers Energy

Tyson Foods

Cherry Capitol Airport

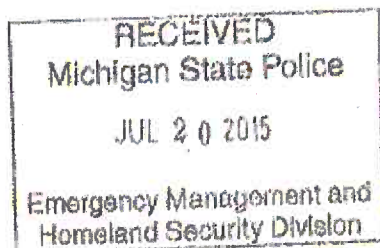
Transportation Safety Administration

Area Commission on Aging

USCG, Air Station Traverse City

American Red Cross

II. FEMA Letter of Approval



U.S. Department of Homeland Security
Region V
536 S. Clark St., 6th Floor
Chicago, IL 60605-1509



FEMA

JUL 15 2015

Mr. Matt Schnepf
State Hazard Mitigation Officer
Michigan State Police
Emergency Management and Homeland Security Division
4000 Collins Rd
Lansing, MI 48910

Dear Mr. Schnepf:

Thank you for submitting the adoption documentation for the Grand Traverse County Hazard Mitigation Plan. The plan was reviewed based on the local plan criteria contained in 44 CFR Part 201, as authorized by the Disaster Mitigation Act of 2000. Grand Traverse County met the required criteria for a multi-jurisdiction hazard mitigation plan and the plan is now approved for the County. Please submit the adoption resolutions for any remaining jurisdictions who participated in the planning process.

The approval of this plan ensures continued availability of the full complement of Hazard Mitigation Assistance (HMA) Grants. All requests for funding, however, will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted.

We encourage Grand Traverse County to follow the plan's schedule for monitoring and updating the plan, and continue their efforts to implement the mitigation measures. The expiration date of the Grand Traverse County Plan is five years from the date of this letter. In order to continue project grant eligibility, the plan must be reviewed, revised as appropriate, resubmitted, and approved no later than the plan expiration date.

Please pass on our congratulations to Grand Traverse County for this significant action. If you or the communities have any questions, please contact Kirstin Kuenzi at (312) 408-4460 or Kirstin.Kuenzi@fema.dhs.gov.

Sincerely,

A handwritten signature in cursive script that reads "Christine Stack".

Christine Stack, Director
Mitigation Division

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III. PREFACE

Hazard mitigation is any action taken before, during, or after a disaster to permanently eliminate or reduce the long-term risk to human life and property from natural and technological hazards. This procedure is an essential element of emergency management, along with preparedness, response, and recovery. Emergency management includes four phases: a community prepares for a disaster; responds when it occurs; and then there is a transition into the recovery process, during which mitigation measures are evaluated and adopted. The evaluation improves the preparedness posture of the County for the next incident, and so on. When successful, mitigation will lessen the impacts of natural hazards to such a degree that succeeding incidents will remain incidents and not become disasters.

The mission of the Grand Traverse County Natural Hazard Mitigation Plan is to permanently eliminate or reduce long-term risks to people and property from natural hazards so that county assets such as transportation, infrastructure, commerce, and tourism can be sustained and strengthened. This can be accomplished through collaborative efforts/activities amongst agencies within Grand Traverse County.

Mitigation allows repairs and reconstruction to be completed after an incident occurs in such a way that does not just restore the damaged property as quickly as possible to pre-disaster conditions. This process is needed to ensure that such cycles are broken, that post-disaster repairs and reconstruction take place after damages are analyzed, and that sounder, less vulnerable conditions are produced. Through a combination of regulatory, administrative, and engineering approaches, losses can be limited by reducing susceptibility to damage.

Recognizing the importance of reducing community vulnerability to natural hazards, Grand Traverse County is actively addressing the issue through the development and implementation of this plan. The many benefits to be realized from this effort are:



This process will help ensure that Grand Traverse County remains a vibrant, safe, enjoyable place in which to live, raise a family, continue to conduct business, and maintain a tourist base.

IV. EXECUTIVE SUMMARY

In 2000, the Disaster Mitigation Act shifted the Federal Emergency Management Agency's (FEMA) scope of work to promoting and supporting prevention, or what is called hazard mitigation planning. FEMA now requires government entities to have natural hazards mitigation plans in place as a condition for receiving grant money, such as hazard mitigation grant program funds, in the future.

To meet this requirement, the Michigan State Police provided funding to encourage regional cooperation in the development of individual county Natural Hazards Mitigation Plans. The **Northwest Michigan Hazard Mitigation Planning Project update** was coordinated by the Northwest Michigan Council of Governments (NWMCOG) with Leelanau County being the Fiduciary. The update included Antrim, Kalkaska, Missaukee, Wexford, Grand Traverse, Leelanau, Benzie, and Manistee counties. NWMCOG worked with the Task Forces to update plans for these counties, which includes a general community profile, a comprehensive inventory of existing hazards, a hazard analysis, goals and objectives, and feasible mitigation strategies to address the prioritized hazards.

The Grand Traverse County Natural Hazards Mitigation Plan focuses on natural hazards such as drought, wildfires, flooding, shoreline erosion, thunderstorms and high winds, tornadoes, and extreme winter weather, and was created to protect the health, safety, and economic interests of the residents and businesses by reducing the impacts of natural hazards through planning, awareness, and implementation. Through this Plan, a broad perspective was taken in examining multiple natural hazards mitigation activities and opportunities in Grand Traverse County. Each natural hazard was analyzed from a historical perspective, evaluated for potential risk, and considered for possible mitigative action.

The Plan serves as the foundation for natural hazard mitigation activities and actions within Grand Traverse County, and will be a resource for building coordination and cooperation within the community for local control of future mitigation and community preparedness around the following:

Table 1: Planning Goals

Natural Hazards Mitigation Planning Goals for Grand Traverse County
Goal 1: Increase local participation in natural hazards mitigation
Goal 2: Integrate natural hazards mitigation considerations into the County's comprehensive planning process
Goal 3: Utilize available resources and apply for others for natural hazards mitigation projects
Goal 4: Develop and complete natural hazards mitigation projects in a timely manner

Table 2: Priority Areas for Grand Traverse County

Natural Hazards Mitigation Priority Areas	
<p>Priority Area 1: Public infrastructure (culverts, dams, bridges, etc.) located throughout Boardman River communities (Garfield, Blair, Paradise, East Bay, and Union Townships; City of Traverse City)</p> <p>Mitigation Strategies: <i>Flooding</i></p>	
<p>Priority Area 2: Countywide historical record of severe thunderstorms and high wind events that may produce lightning strikes, flash flooding, hail, strong winds, and tornadoes.</p> <p>Mitigation Strategies: <i>Severe Thunderstorms/High Winds</i></p>	
<p>Priority Area 3: Countywide historical record of heavy snow, extreme temperatures, ice damage occurrences</p> <p>Mitigation Strategies: <i>Extreme Winter Weather</i></p>	
<p>Priority Area 4: Countywide potential wildfire/urban interface</p> <p>Mitigation Strategies: <i>Wildfire</i></p>	
<p>Priority Area 5: Countywide potential of (shoreline) erosion and ice damage</p> <p>Mitigation Strategies: <i>Erosion</i></p>	

Table 3: Mitigation Strategies for Grand Traverse County

Frequent Natural Hazard	Mitigation Strategies
Flooding	<ul style="list-style-type: none"> • Drainage improvements in high flooding potential areas • Removal of unsafe dams on the Boardman River (2) • Continue enforcement of building codes and soil erosion regulations
Severe Thunderstorms/ High Winds	<ul style="list-style-type: none"> • Establish emergency shelters • Utilize a ham radio channel for local warnings if primary communications is interrupted • Promote the establishment of a robust, interoperable communication system • Enhance cooperation with utility companies (tree management, promotion of burying utility lines in new construction, and high outage areas) • Identify potential wind damage areas • Establish new generators where needed • Update the County's debris removal plan
Extreme Winter Weather	<ul style="list-style-type: none"> • Continue enforcement of building code regarding snow load limits through the permitting process • Utilize a ham radio channel for local warnings if primary communications is interrupted • Promote the establishment of a robust, interoperable communications system
Wildfire	<ul style="list-style-type: none"> • Public education and awareness activities such as programs and brochures regarding fuel management, proper vegetation, fire breaks • Continue enforcement of state fire codes regarding setback requirements • Public education utilizing the Michigan Department of Natural Resources flyers and the Federal Emergency Management Administration information at parks and campgrounds • Real estate and insurance agents to distribute information • Assess fire suppression access and make improvements • Research the Department of Natural Resources' State Forest wildfire/urban interface rules or plan
Erosion	<ul style="list-style-type: none"> • Drainage control projects • Enforcement of soil erosion statutes/permits • Enforcement of building and zoning codes for current and future development • Enforcement of the grading levels no more than 10% • Placement of vegetation and utilizing native vegetation

V. PURPOSE OF THE PLAN

In 2000, the Disaster Mitigation Act shifted the Federal Emergency Management Agency's (FEMA) scope of work to promoting and supporting prevention, or what is referred to as hazard mitigation planning. FEMA requires government entities to have natural hazards mitigation plans in place and updated on a 5-year cycle as a condition for receiving grant money related to natural hazard remediation.

The **purpose of the Grand Traverse County Natural Hazards Mitigation Plan** is to find solutions to existing problems, anticipate future problems, prevent wasteful public and private expenditures, protect property values, and allocate land resources. The implementation of the Plan is to prevent injury, loss of life, property damage, breakdown in vital services like transportation and infrastructure, economic slumps, diminished tourist activity, liability issues, and damage to a community's reputation. For Grand Traverse County in the northwest region of the lower peninsula of Michigan, the **planning process** utilized the following steps in the development of the Plan. Emphasis was placed on natural hazards that have had significant impact on the community in the past.

Steps in the Planning Process
Identification of natural hazards and risks
Preparation of draft plan
Identification of natural hazards mitigation goals and objectives for emergency management programs
Selection of evaluation criteria
Selection of mitigation strategies using locally chosen criteria
Public Comment
Completion of the final plan

What is a Hazard?

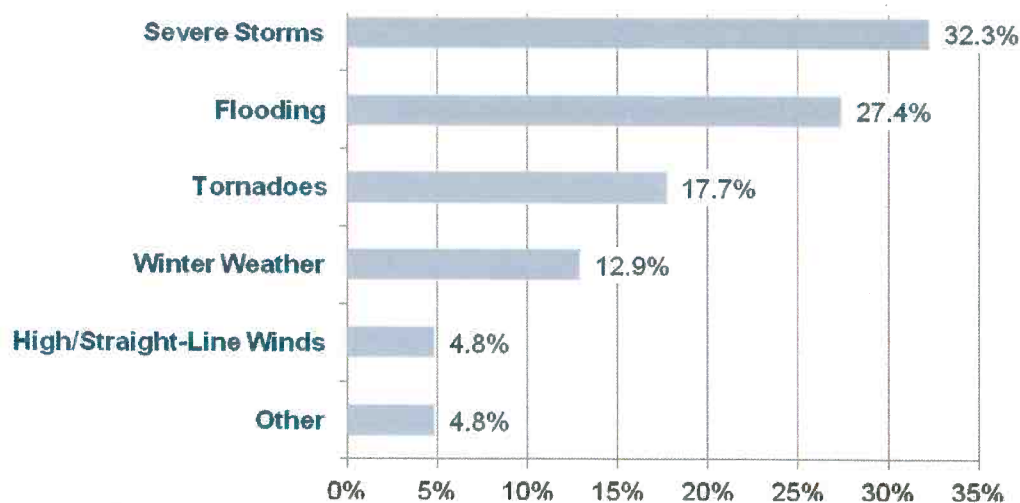
A **hazard** is an event or physical condition that has potential to cause fatalities, injuries, property damage, infrastructure damage, agricultural loss, damage to the environment, interruption of business, or other types of harm or loss. This plan focuses on principle natural hazards that occur in the northern lower region (see Page 12). This Plan is intended to be a resource for building coordination and cooperation within a community for local control of future mitigation and community preparedness.

Principle Natural Hazards in Northern Lower Michigan
Severe Storms (Thunderstorms, Winter storms)
High Winds
Tornadoes
Extreme Temperatures
Flooding
Shoreline Hazards
Dam Failures
Drought
Wildfires
Invasive Species
Subsidence

Source: FEMA

Percent of natural hazard events for all formal disaster declarations in the State of Michigan (1953 – 2014)

Figure 1: Disaster Declarations for the State of Michigan



Source: FEMA

What is Mitigation?

Mitigation is the sustained action taken to lessen the impact from natural hazards and to work to reduce the long-term risk to human life and property, and their effects. This long-term planning distinguishes mitigation from actions geared primarily to emergency preparedness and short-term recovery. This Plan can be used to lessen the impact, to support and be compatible with community goals, to lay out considerations in choosing and evaluating methods, and to look at the feasibility of mitigation strategies.

VI. COMMUNITY PROFILE

Grand Traverse county is approximately 314,700 acres or 492 square miles in area. The predominant land use/land cover is, by far, forest which covers almost 43% of the land area. This is followed by a substantial amount of agricultural land at 14.9%, then wetlands and open land.

Agricultural land is concentrated on Old Mission Peninsula, in the northern halves of Acme and Whitewater Townships, on the fringe of the urban area of Traverse City, and throughout the southern portion of the county.

More intense land uses such as commercial, industrial, institutional and transportation are primarily found in the Traverse City area and to a lesser extent in village areas and in small parcels on major corridors throughout the county.

Commercial land is the largest intensive use category in the county with 3,440 acres. Residential uses are found predominantly in and around Traverse City including Garfield Township and East Bay Township, village areas of Kingsley, Interlochen and Fife Lake, and around the Long Lake and Spider Lake areas.

There has not been any major infrastructure development, nor major hazard mitigation efforts, in the county since the last adoption of the Plan in 2007.

Community data is provided for planning and implementing natural hazard mitigation strategies.

Table 4: Geographic features

Feature	Measure
Land Area	136 sq. miles
Area in Water	492 sq. miles
Grand Traverse Bay shoreline	66.72 miles
Operating Farms	504

Source: U.S. Census Bureau; Grand Traverse County GIS Department;
USDA, National Agricultural Statistics Service

Table 5: Land Use

Classification	Acres	Percent
Residential	33,265	10.6%
Institutional	1,589	0.5%
Recreation	3,025	1%
Commercial	3,440	1.1%
Industrial	901	0.3%
Transportation/Utilities	1,347	0.4%
Agricultural	46,805	14.9%
Open Land	32,421	10.3%
Forest	133,966	42.6%
Wetlands	39,037	12.4%
Barren	1,568	0.5%
Water	17,336	5.5%
TOTAL ACREAGE	314,700	

Source: Grand Traverse County Planning & Development Department

Grand Traverse County is comprised of thirteen (13) townships, two (2) villages and one (1) city

Table 6: Population by Municipality

Unit of Government	2010 Count	2013 Estimate	Percent Change 2010 to 2013
Grand Traverse County	86,986	89,987	3.4%
Fife Lake Village	443	451	1.8%
Kingsley Village	1,480	1,517	2.5%
Traverse City (Grand Traverse County only)	14,482	14,827	2.4%
Acme Township	4,375	4,581	4.7%
Blair Township	8,209	8,459	3.0%
East Bay Charter Township	10,663	11,139	4.5%
Fife Lake Township	2,348	2,373	1.2%
Garfield Charter Township	16,256	16,668	2.5%
Grant Township	1,066	1,117	4.8%
Green Lake Township	5,784	6,029	4.2%
Long Lake Township	8,662	9,054	4.5%
Mayfield Township	1,550	1,607	3.7%
Paradise Township	4,713	4,785	1.5%
Peninsula Township	5,433	5,680	4.5%
Traverse City (including Leelanau County)	14,674	15,018	2.3%
Union Township	405	420	3.7%
Whitewater Township	2,597	2,712	4.4%

Source: Grand Traverse County

Table 7: Forecasted Population

Year	Forecasted Population	Percent Increase from 2010
2015	94,044	8.1%
2020	101,164	16.3%
2025	107,105	23.1%
2030	111,925	28.7%
2035	116,081	33.4%
2040	120,127	38.1%

Source: MDOT-Statewide & Urban Model Travel Analysis Section & U-M Institute for Research on Labor, Employment, and the Economy

In 2010, Grand Traverse County had a total population of 86,986, an increase of 12% from the 2000 population of 77,655 – making it the third fastest growing county in Michigan during this period. Garfield Township's population increased 17% from 2000 to 2010 making it the most populated community in the county.

As of 2013, the estimated total population for Grand Traverse County is 89,987. The projected growth for 2020 is 101,164 and for 2030 is 111,925.

As a tourist destination and an area of many vacation homes, Grand Traverse County experiences an increased population due to its transient population. The annual average transient population is 11% higher than the permanent population counted by the U.S. Census. This translates into an addition of nearly 10,000 to the resident population. The month of July has the highest at 22% higher or almost 20,000.

At 41.3 years, the median age of Grand Traverse County is higher than the state and national median ages. Locally, the lowest median age, 32.6, was in the Village of Kingsley where 31% of the population is under 18 years. The highest median age, 53.4, was in Peninsula Township where 26% of the population is over 65 years. In 2010, 22% of the population was under 18 years and 15% was 65 years or older. In 2040, 36% of the households are projected to be 65 years or older.

There are 41,598 housing units in Grand Traverse County, of which 34,362 are occupied. The average household size is 2.45 persons per household. 38.8% of the households have 2 persons.

Additional population profile information:

- The number of residents 19 years and under is 21,383, or 24.6% of the population.
- The number of residents over 65 years with a disability is 4,042, or 4.6% of the population.
- The total number of residents with a disability is 10,236, or 12.0% of the population.
- The number of residents that have a language barrier or are linguistically isolated is 1,484, or 1.71% of the population. There is an increase of migrant workers in the summer and fall season that do not speak English.
- The number of families in poverty with children is 1,520 or 6.7% of all families.
- The number of households with income less than \$15,000 is 9.9%.
- Individuals in poverty is 9,573

Table 8: Poverty Statistics

Poverty	Statistics
Families in poverty	6.7%
Income less than \$15,000	9.9%
Population in poverty	9,573

Source: U.S. Census Bureau, 2008-2012 American Community Survey

Table 9: Economic Census

Industry Description	Number of Establishments	Number of Employees
Manufacturing	178	4,522
Wholesale trade	156	1,347
Retail trade	565	7,035
Information	68	734
Real estate, rental, leasing	150	458
Professional, scientific, technical services	371	2,382
Administrative, support, waste management, remediation services	183	1,327
Educational Services	35	794
Health care, social assistance	396	8,802
Arts, entertainment, recreation	48	345
Accommodation and food services	250	5,501
Other services (except public administration)	274	1,723

Source: US Census Bureau: County Business Patterns 2008-2012

VII. THE DEVELOPMENT OF THE PLAN

Data Methodology and Map Development

Grand Traverse County staff identified the critical facilities and infrastructure on the base map and provided updated GIS shp files for mapping purposes.

Table 10: Critical Facilities and Infrastructure

2	Airports <ul style="list-style-type: none"> • Traverse City Cherry Capital Airport – 378,241 passengers (2013) • Green Lake Township Airport http://mdotcf.state.mi.us/public/airportstats/
1	Bus Terminal <ul style="list-style-type: none"> • Indian Trails in Traverse City
82	Places of Worship (2010) http://www.thearda.com/rcms2010/
1	Coast Guard Air Station
3	Dams – Union Street, Boardman, Sabin
1	Emergency Management Services Facility
14	Fire Stations
45	Government Buildings
1	Hospital – Munson Medical Center
4	Industrial Facilities
5	Law Enforcement
11	Medical Facilities <ul style="list-style-type: none"> • Primary physicians per 100,000 population is 124.2 (2010) http://www.healthindicators.gov/
9	Mobile Home Parks
10	Post Offices
200	Resort/Recreation
44	Schools/Library
1	Sewage Treatment Facilities <ul style="list-style-type: none"> • 40.1% public sewer • 58.9% individual septic/cesspool • 1.0% other
10	Utility
9	Water Tower <ul style="list-style-type: none"> • 39.8% of population on public system or private company (2005) • 60.9% of population on individual wells (2005) http://censtats.census.gov/usa/usa.shtml

Source: Grand Traverse County Data

Flood Data

Flood hazard information may be obtained from the Flood Rate Insurance Maps (FIRM) available for jurisdictions. In order to delineate potential flood plain areas (seasonal floodplains) for each county, NWMCOG overlaid wetland, soils, and elevation data to determine the most likely flood prone areas. Once overlaid; isolated polygons (areas) were deleted in order to show a more accurate representation of potential flood prone areas along lakes, rivers, and streams. Sources: Temporary/Seasonally Flooded Areas data are from the National Wetland Inventory of the US Fish and Wildlife Service; Hydric soils data are from the county digital soil surveys (were available); and Digital Elevation Model data are from the Center for Geographic Information, Michigan Department of Information Technology.

NFIP Participation Status:

Grand Traverse County is currently participating in the update of new digital flood maps, which will not be final for 1 to 2 years. The county has only one property that has been identified by the National Flood Insurance Program as having suffered repetitive flood losses. The property is a single-family home located in Blair Township. It had been damaged by floods in 2012 and 2014, with similar amounts of damage occurring during each event. This property should be prioritized for flood mitigation activities, in order to prevent or reduce such losses in the future.

Table 11: NFIP Participation

Municipality	NFIP status	Flood Maps	Year Joined
Acme Township	P	N	1986
Blair Township	P	N	1988
East Bay Township	P	N	1986
Fife Lake Township	NP		
Garfield Township	P	N	1986
Green Lake Township	NP		
Grant Township	NP		
Long Lake Township	P	Y	1988
Mayfield Township	NP		
Paradise Township	P	Y	1986
Peninsula Township	P	N	1986
Union Township	P	Y	1988
Whitewater Township	P	Y	1988
Village of Fife Lake	NP		
City of Traverse City	P	Y	1982

P = Participates
NP = Non Participating
Y = Yes
N = No

Source: Department of Environmental Quality

Fire Data

Modern forest fire data were obtained from the USDA forest service and the Departments of Natural Resources in Minnesota, Wisconsin, and Michigan. Fire regimes data (fire prone areas) were provided by the USDA Forest Service, North Central Research Station located in Wisconsin. Land type associations, and historical and modern fire rotations were used to identify the fire prone areas.

Tornadoes - National Weather Service

Damaging Winds - National Weather Service

Large Hail - National Weather Service

Winter Weather - National Weather Service

Shoreline Erosion - Shoreline erosion incident zones delineated by the US Geological Service. Digital Elevation Model data was obtained from the Center for Geographic Information, Michigan Department of Information Technology.

Other hazards such as earthquakes and subsidence were considered but are not substantial risks in Grand Traverse County.

Natural Hazards Recorded Events

Data for weather events was compiled from the National Oceanic and Atmospheric Administration's (NOAA) website utilizing the following sections:

- Weather/Climate Events, Information, Assessments
- Climatology and Extreme Events
- NOAA Storm Event Database; 1950 to present, local storm reports, damage reports, events checked for Grand Traverse County included: Drought (Drought), Flood (Flash Flood, Flood, Lakeshore Flood), Hail (Hail), Extreme Winter Weather (Blizzard, Extreme Cold/Wind Chill, Freezing Fog, Frost/Freeze, Heavy Snow, Ice Storm, Lake-effect Snow, Sleet, Winter Storm, Winter Weather), Tornado (Tornado, Funnel Cloud), Thunderstorm and High Wind (Heavy Rain, High Wind, Lightning, Strong Wind, Thunderstorm Wind), Wildfire (Wildfire)

The following list includes the frequency, dates, and descriptions of the most severe natural hazard events that have occurred within Grand Traverse County, according to the NOAA Storm Event Database; January 1950 – August 2014. *Extreme Winter Weather* includes events with ice covering, property damage, and/or up to/over 12 in. of snow. *Severe Thunderstorm* include 50 knot winds + and property damage figures.

Flood/Flash Flood: 7 events

Table 12: Flood Events

Month	Year	Location	Effect	Damage
February	1986*	County/Statewide	Great Lakes flooding, wave action	NA
January	1993	County/Region	Heavy rainfall and snowmelt	\$5,000
March	1993	County/Region	Flooding	NA
April	1993	County/Region	Flood	\$5,000,000
July	1999	Traverse City	Secondary street flooding/ basement flooding	NA
July	2000	Traverse City	Street flooding	NA
September	2000	Countywide	Street flooding, power outages, 1 fatality from lightning	NA
April	2001	County (north central)	Flooding along Boardman River	NA
April	2012	Grawn	Boardman River flooded homes	\$75,000
October	2012	Grawn	Failure of temporary dam on Boardman River/homes and other property damaged or destroyed	\$1,800,000
November	2013	Traverse City	2 in. rain in 1 hour/ roads flooded and impassable	\$14,000

Hail: 26 events

Table 13: Hail Events

Month	Year	Location	Effect	Damage
September	1958	Countywide	0.75 in.	NA
May	1970	Countywide	1.75 in.	NA
May	1971	Countywide	0.75 in.	NA
April	1975	Countywide	1.50 in.	NA
July	1980	Countywide	2.00 in.	NA
July	1982	Countywide	1.00 in.	NA
April	1993	Traverse City	1.00 in.	NA
April	1993	Bates	1.00 in.	NA
April	1999	Traverse City	0.75 in.	NA
June	2000	Traverse City	1.00 in./flooding/60 mph gusts	NA
September	2000	Traverse City	1.00 in./flooding/60 mph gusts	NA
June	2003	Fife Lake	0.75 in.	NA
August	2003	Traverse City	0.88 in.	NA
September	2005	Interlochen	0.88 in.	NA
June	2006	Traverse City	0.88 in.	NA
June	2006	Kingsley	0.75 in.	NA
July	2006	Old Mission	0.88 in.	NA
October	2006	Traverse City	1.25 in.	NA
June	2008	Traverse City	1.25 in.	NA
June	2008	Williamsburg	1.00 in.	NA
July	2010	Traverse City	0.88 in.	NA
April	2011	Hannah	0.88 in.	NA
June	2011	Old Mission	1.25 in.	NA
June	2011	Old Mission	1.00 in.	NA
May	2012	Acme	1.00 in.	NA
May	2012	Williamsburg	1.25 in.	NA
May	2012	Fife Lake	1.00 in.	NA
July	2014	Countywide	0.88 in.	NA
July	2014	Countywide	0.75 in.	NA
July	2014	Countywide	0.75 in.	NA
July	2014	Countywide	1.00 in.	NA

Extreme Winter Weather: 105 events

Table 14: Extreme Winter Weather Events

Month	Year	Location	Effect	Damage	Event
January	1993	County/Region	6 - 12 in. snow	\$50,000	
April	1993	County/Region	Heavy Snow	\$50,000	
December	1993	County/Region	10 - 15 in. snow/ 3 ft. drifts/accidents and injuries	NA	
January	1994	Statewide	.1 - .3 in. ice	\$5,000,000	Freezing Rain/ Heavy Snow
January	1997	Countywide	12 - 18 in. snow	NA	
March	1998	County/Region	8 - 12 in. snow/ 45 mph gusts	NA	Blizzard
December	1998	Countywide	6 - 12 in. snow	NA	
January	1999	Countywide	6 - 12 in. snow	NA	
December	2001	Traverse City	20.5 in. snow	NA	
December	2002	County/Region	1/4 in. ice	NA	Ice Storm
January	2003	County/Region	6 - 12 in. snow	NA	
January	2004	County/Region	20 in. snow	NA	
November	2005	County/Region	10 - 17 in. snow	NA	
January	2007	County/Region	11 -13 in. snow	NA	
February	2007	County/Region	-20 to -30 wind chills	NA	Extreme Temp
December	2009	County/Region	6 - 16 in. snow	NA	
December	2010	County/Region	6 -12 in. snow	NA	
March	2011	County/Region	6 - 15 in. snow	NA	
March	2012	County/Region	6 - 14 in. snow/widespread power outages	NA	
April	2012	Statewide	Killing freeze	\$15,000,000 (crop)	Extreme Temp
December	2012	County/Region	Trees and power lines down	\$12,000	
November	2013	County/Region	8 - 12 in. snow	NA	
January	2014	County/Region	12 - 16 in. snow	NA	
February	2014	County/Region	45 mph winds/ -15 to -25 wind chills	NA	

Severe Thunderstorm/High Wind: 54 events

Table 15: Severe Thunderstorm Events

Month	Year	Location	Effect	Damage	Event
August	1955	Countywide	61 knot winds	NA	
July	1956	Countywide	60 knot winds	NA	
July	1966	Countywide	50 knot winds	NA	
July	1969	Countywide	52 knot winds	NA	
July	1972	Countywide	55 knot winds	NA	

Severe Thunderstorm/High Wind (continued)

Month	Year	Location	Effect	Damage	Event
July	1974	Countywide	65 knot winds	NA	
May	1975	Countywide	50 knot winds	NA	
July	1982	Countywide	52 knot winds	NA	
July	1987	Countywide	70 knot winds	NA	
October	1989	Countywide	50 knot winds	NA	
July	1995	Acme	52 knot winds/ trees down	NA	
April	1997	Traverse City	52 knot winds	NA	
May	1998	Traverse City	50 knot winds/ trees and power lines down	NA	
September	1998	Countywide	52 knot winds/ trees down	NA	
November	1998	County/Region	50 knot winds	NA	
February	1999	Traverse City	50 knot winds/ tree down	NA	
June	1999	Traverse City	52 knot winds/ trees and power lines down	NA	
June	1999	Interlochen	50 knot winds/ trees down	NA	
July	1999	Traverse City	60 knot winds/ trees and power lines down/ straight line wind damage/ structure damages	NA	
August	2000	Countywide	Lightning sparked explosion at oil company in Blair Twp.	\$20,000	Lightning
September	2000	Traverse City	50 knot winds	NA	
September	2000	Traverse City	Lightning sparked garage fire/ 1 fatality	\$20,000	Lightning
August	2001	Traverse City/ Williamsburg	50 knot winds/ trees and power lines down	NA	
April	2002	Traverse City/ Kingsley	50 - 60 knot winds/ trees and power lines down/ roof damage	\$15,000	
April	2002	Old Mission	Fire sparked by lightning destroyed home	\$125,000	
July	2002	Traverse City/ Fife Lake	50 - 65 knot winds/ trees and power lines down	NA	
August	2003	Acme	5 knot winds/ tree down	NA	
November	2003	County/Region	68 knot winds/ trees and power lines down/ power outages	\$30,000	
August	2004	Traverse City	56 knot winds/ trees down/ crops damaged	\$1,000 (crop)	
September	2005	Traverse City	52 knot winds/ structure damage	\$45,000	
November	2005	County/Region	40 knots sustained winds/ trees down	\$3,000	
November	2005	County/Region	55 knot winds/ trees down/ structure damage	\$45,000	
July	2006	Traverse City	51 knot winds/ trees down/ property damage	\$3,000	
July	2006	Long Lake	65 knot winds/ over 200 trees down/ property damage	\$35,000	
July	2006	Interlochen	50 knot winds/ trees down/ property destroyed	\$8,000	

Severe Thunderstorm/High Wind (continued)

Month	Year	Location	Effect	Damage	Event
July	2006	Williamsburg	Structure damage/ crop damage	\$5,000	
June	2007	Kingsley	52 knot winds/ trees down	\$5,000	
October	2007	Traverse City	52 knot winds/ trees down	\$4,000	
June	2009	Interlochen	55 knot winds/ trees and power pole down/ property and structures damaged	\$30,000	
June	2009	Karlin	52 knot winds/ trees down	\$3,500	
April	2010	Hannah	52 knot winds/ trees down	\$4,000	
October	2010	County/Region	55 knot winds/ trees and power lines down/ power outages/ structure damage	\$24,000	
May	2011	Hannah	56 knot winds/ trees down	\$3,000	
June	2012	Mapleton	52 knot winds/ trees down	\$4,000	
June	2012	Monroe Center	64 knot winds/ trees down/ property and structures damaged	\$10,000	
July	2002	Traverse City	52 knot winds/ trees down	\$3,000	
July	2013	Fife Lake	55 knot winds/ trees down/ structure damage	\$15,000	
August	2013	Monroe Center	52 knot winds/ trees down/ structure damage	\$11,000	
August	2014	Traverse City	52 knot winds/ trees down	\$6,000	

Tornado: 4 events

Table 16: Tornado Events

Month	Year	Location	Effect	Damage
April	1956	Countywide	F4/ 15 miles long, 400 yards wide, 2 deaths and 24 injuries	\$250,000
September	1961	Countywide	F2/ 14.4 miles long, 33 yards wide	\$25,000
May	1964	Countywide	F2/ 16.6 miles long, 440 yards wide/ structure damage	\$250,000
June	1969	Countywide	F3/ 6.4 miles long, 600 yards wide/ trees and power lines down/ homes and property destroyed	\$250,000

* Governor and Presidential Hazard Declaration

Wildfires:

56 wildfires occurred in Grand Traverse County from 1981 to 2010, affecting nearly 212 acres countywide.

Other Potential Natural Hazards

Shoreline Erosion

The Great Lakes experienced record high lake levels in 1985-86, and again in 1997-98. Governors Disaster Declarations for shoreline problems in the State was enacted in 1985-1986 and included Grand Traverse County.

Storm Surges (Seiches) and Rip Currents

Weather-related events can also cause lake fluctuations that can last from several hours to several days. For example, windstorms combined with differences in barometric pressure can temporarily tilt the surface of a lake up at one end by as much as eight feet. This phenomenon is called a storm surge or seiche and can drive lake waters inland over large areas, cause weakening and erosion of shoreline areas, make water travel hazardous, and cause flood damages, deaths, and injuries to occur.

A rip current is a strong flow of water returning seaward from the shore. When wind and waves push water towards the shore, the previous backwash is often pushed sideways. This water streams along the shoreline until it finds an exit back to the sea. The resulting rip current is usually narrow and located between sandbars, under piers or along jetties. The current is strongest at the surface, and can dampen incoming waves, leading to the illusion of a particularly calm area. Rip current speeds are typically 1-2 feet per second. However, speeds as high as 8 feet per second have been measured. Rip currents cause approximately 100 deaths annually in the United States, more than all other natural hazards except excessive heat. In the Great Lakes alone, the average over the last six years is 10 drownings per year caused by rip currents. About 80% of rescues by surf beach lifeguards are due to rip currents. According to the National Climatic Data Center, Michigan has experienced at least 17 deaths and 9 injuries caused by rip currents in just the past 10 years.

Drought

In Northern Michigan's forested regions, drought can adversely impact timber production and some tourism and recreational enterprises. This can also cause a drop in income, which impacts other economic sectors. The biggest problem drought presents, however, is the increased threat of wildfire. Many Northern Michigan counties are heavily forested and are therefore highly vulnerable to drought-related wildfire threats. The most extreme drought was in January 1931, when the Palmer index hit a record low of -8.07. Lengthy drought incidents took place in 1895-1896 (17 months), 1898-1899 (8 months), 1899-1901 (21 months), 1901-1902 (15 months), 1908-1911 (37 months), 1913-1914 (11 months), 1914-1915 (10 months), 1919-1920 (8 months), 1920-1922 (17 months), 1925-1926 (17 months), 1929-1931 (28 months), 1935-1936 (20 months), 1955-1956 (13 months), and 1976-1977 (13 months).

Pandemics or other Public Health Emergencies

Naturally occurring pandemics may cause widespread precautions around the world. The Grand Traverse County Health Department created a pandemic plan that serves as a template for responding to a large-scale outbreak of influenza and other highly infectious respiratory diseases.

Probability of Natural Hazards:

The probability that a natural hazard such as hail, thunderstorm and high wind, tornadoes, and snow and ice will affect this area of Michigan is an annual possibility. The magnitude and severity depends on the season, which determines temperature, moisture in the air, ice cover on the lakes, etc. Also, the severity of an event is connected with tourist activity during the year, the pace of developing second homes, and an increasing base population in northwest, lower Michigan which in turn leads to more development. The events recorded by NOAA show that natural hazard events may be happening more frequently, but the geographic impact of the natural hazards' impact has remained the same in Grand Traverse County.

The areas where natural hazards overlap in Grand Traverse County can include heavy snow that causes trees and power lines down, and then melting, rain and flooding.

Grand Traverse County Natural Hazards Task Force and Public Input

The Natural Hazards Task Force comprised of the County's Local Planning Team (LPT) which is a collection of first responders and local, regional, and state public entities that ensure the readiness of County entities by recommending equipment purchases, training and exercises, and public education on preparedness issues. The Task Force meetings were scheduled monthly in 2014, held in various locations throughout the county, and open to the public. Participants analyzed and updated the hazard priority maps, goals & objectives, hazard

priority areas, mitigation measures, and the action agenda items. The general list of hazard priorities and locations of concern was also reviewed and updated by the Task Force:

- Thunderstorms
- High winds
- Heavy rain and effect on agriculture
- Mobile home parks
- National Cherry Festival Emergency Plan
- More communication and notification
- Ingress and egress at campgrounds
- Construction area
- Interlochen Arts Academy area
- Extreme winter weather
- Hail and frost affecting agriculture
- Power outages
- Flooding in the Boardman River area, dams, bridges
- Wildfires – specifically in Cedar Run, Blair Township, Kingsley areas
- Erosion along Grand Traverse Bay and Peninsula Township
- Ice damage

The Natural Hazards Priority Areas have not changed since the original plan. However, the task force altered the chronological order of the priority list and placed “Public infrastructure” as the top priority, due to proposed programming and immediate implementation of pre-disaster mitigation projects that will address flooding hazard issues, should funding become available.

Top Five Natural Hazards Priority Areas

1. Public infrastructure (culverts, dams, bridges, etc.) located throughout Boardman River communities (Garfield, Blair, Paradise, East Bay, and Union Townships; City of Traverse City)

Inadequate drainage infrastructure under South Airport road near the commercial/retail development *Logan's Landing* are causing frequent flooding of the road and nearby property, especially during heavy rain events and the spring snow melt season.

The Michigan Hazard Analysis of 2012 identifies the Three (3) Dams in the County as a “high hazard”, meaning there is development downstream in the dam’s hydraulic shadow; and Four (4) Dams as a “significant hazard,” meaning structural failure may cause an uncontrollable high volume of water downstream, damaging bridges and other key infrastructure.

Other flooding may involve low-lying areas that collect runoff waters; flaws or shortcomings in existing sewer infrastructure; undersized or poorly designed stormwater control practices; collective effects of land use and development trends; illegal diversion of water, or actions that interfere with system function.

2. Potential of Severe Thunderstorms and High Winds - Countywide

There is a historical record of high wind events and tornadoes in Grand Traverse County. Damage from straight line winds usually affects multiple counties through the loss of electricity from trees/tree limbs downing power lines; causing widespread property damage; and potentially exposing the public to severe injury or fatality due to flying debris.

Mobile home parks, campgrounds, construction areas, institutions (schools, places of worship, etc.), and numerous festivals that draw a large number of tourists such as the National Cherry Festival were identified as specific areas of concern.

3. Potential of Extreme Winter Weather - Countywide

Grand Traverse County experiences frequent heavy snow events due to its location in a “snow-belt” area. Heavy snow events have the potential of shutting down towns and businesses for a significant period of time. Blowing and drifting snow with blizzard conditions cause driving hazards. Ice damage may occur when high winds push lake water and ice past the shoreline, causing damage to public infrastructure and residential property.

4. Potential Wildfire/Urban interface - Countywide

Forest types (white/red pine, and white pine and hemlock) within Grand Traverse County are susceptible to wildfires. Additional factors that increase fire risk include dead or dying Ash trees as a result of disease/invasive species, lightning strikes, and human factors such as the number of persons residing, camping, or traveling through the County.

5. Potential of Erosion and Ice damage - Countywide

Shoreline or soil erosion hazards involve the loss of property or necessitate the relocation of homes as sand or soil is removed by flowing water (lake, river, etc.) and carried away over time. The foundation of a structure, or underground utility pipes in the area, may become fully exposed and vulnerable to weather, extreme temperatures, water damage, or other sources of risk. Shoreline banks that support roadways may erode and cause the road surface to crack, become unstable, or more prone to deposits of sand, snow, water, and ice.

This hazard is especially relevant to those municipalities that contain residential and commercial development along Grand Traverse Bay (Peninsula, East Bay and Acme Townships; Traverse City) that experience seasonal shifts in water levels and possible ice erosion hazards.

Emergency Warning System Coverage

Mobile warning system: Grand Traverse County uses the CodeRed Emergency Communications Network, which is an electronic high-speed outbound notification service available to the general public.

Tornado/Severe Weather Systems: Manual sirens are located at Metro Station #9 (East Bay Twp), Rural Station #6 (Fife Lake), and the Blair Twp. fire department. Weather alert radios were purchased and distributed to all the schools, nursery schools, and senior homes.

Flood warning system: For dam failures/flooding downstream an active warning system is located at Logan’s Landing on South Airport Rd. An inactive system is located on River Road.

Economic Impact Analysis

The total Damaging Events’ Costs recorded since 1950 with the National Oceanic and Atmospheric Administration for Grand Traverse County, the region, and the state are as follows:

Table 17: Damage Cost by Natural Hazard

Grand Traverse County	Property Damage Cost	Crop Damage Cost
Flood	\$6,894,000	NA
Hail or Wildfire	NA	NA
Extreme Winter Weather	\$5,112,000	\$15,000,000
Tornado	\$775,000	NA
Thunderstorm and High Wind	\$481,500	\$1,000

The Grand Traverse County Equalization Department calculated each Priority Area's economic value through the State Equalized Values (SEV) for real and personal property (residential and commercial). The following includes 2010 Census data and 2014 SEV dollar amount times two (estimated fair market values) for each priority area. According to the 2014 Northwest Michigan Season Population Analysis, assume a 19% increase to account for the annual average seasonal population within the county.

Table 18: Geographic Economic Value

Priority Area	Geography	Population	State Equalized Value
	Grand Traverse County	86,986	\$10,648,994,584
3	Boardman river Area	46,306	\$5,289,726,800
5	Grand Traverse Bay communities	35,145	\$5,463,458,000

VIII. NATURAL HAZARDS MITIGATION GOALS AND OBJECTIVES

The mission of the Grand Traverse County Natural Hazards Mitigation Plan is to protect the health and safety of the public and property in the County which includes prevention of injury, loss of life, property damage, breakdown in vital services like transportation and infrastructure, economic slumps, maintain tourist base, and liability issues. This is done by taking action to permanently eliminate or reduce the long-term risks from natural hazards.

Specific goals and objectives have been established based upon the community's natural hazards analysis, as well as input from the Task Force participants and the public through meetings, request for comments on the draft plan, and the presentation of the plan to the Grand Traverse County Planning Commission.

Goal 1: Increase local awareness and participation in natural hazards mitigation Strategies

- Encourage cooperation and communication between planning and emergency management officials
- Encourage additional local governmental agencies to participate in the natural hazards mitigation process
- Encourage public and private organizations to participate, including organizations who advocate for individuals with functional or access needs

Goal 2: Integrate natural hazards mitigation considerations into the community's comprehensive planning process

- Enforce and/or incorporate natural hazards mitigation provisions in building code standards, ordinances, and procedures
- Create or update ordinances to reflect building codes, shoreline protection rules, etc.
- Incorporate natural hazards mitigation into basic land use regulation mechanisms
- Develop community education programs and public warning systems
- Strengthen the role of the Local Emergency Planning Committee in the land development process
- Integrate natural hazards mitigation into the capital improvement planning process so that public infrastructure does not lead to development in natural hazards areas
- Encourage county agencies to assess local roads, bridges, dams, and related transportation infrastructure for natural hazards vulnerability

Goal 3: Utilize available resources and apply for additional funding for natural hazards mitigation

- Provide a list of desired community mitigation measures to the State
- Encourage the application for project funding from diverse entities

Goal 4: Develop and complete natural hazards mitigation projects in a timely manner

- Encourage public and business involvement in natural hazards mitigation projects

IX. IDENTIFICATION AND SELECTION OF MITIGATION STRATEGIES

Selection of Feasible Mitigation Strategies

A set of evaluation criteria was developed to determine which mitigation strategies were best suited to address the identified problems in Grand Traverse County.

- The measure must be technically feasible.
- The measure must be financially feasible.
- The measure must be environmentally sound and not cause any permanent, significant environmental concerns.
- The measure must be acceptable to those participating in the strategy and/or primarily affected by the strategy.

By anticipating future problems, the County can reduce potential injury, structure losses, loss of power, such as electric and gas, and prevent wasteful public and private expenditures.

Priority Area 1. Potential of flooding along the Boardman River affecting public infrastructure (culverts, dams, bridges, etc.)

Flood Mitigation Strategies

- Drainage improvements in high flooding potential areas, specifically near *Logan's Landing*
- Removal of unsafe dams on the Boardman River
- Continue enforcement of building codes and soil erosion regulations

Priority Area 2. Potential of Severe Thunderstorms and High Winds throughout the County

Thunderstorm, High Winds, and Tornado Mitigation Strategies

- Establish emergency shelters
- Utilize a ham radio channel for local warnings if primary communications is interrupted
- Promote the establishment of a robust, interoperable communication system
- Enhance cooperation with Utility Companies (tree management, promotion of burying utility lines in new construction, and high outage areas)
- Identify potential wind damage areas
- Establish new generators where needed
- Update the County's debris removal plan

Priority Area 3. Potential of Extreme Winter Weather throughout the County

Snow Load Mitigation Strategies

- Continue enforcement of building code regarding snow load limits through the permitting process
- Utilize a ham radio channel for local warnings if primary communications is interrupted
- Promote the establishment of a robust, interoperable communications system

Selection of Feasible Mitigation Strategies (continued)

Priority Area 4. Potential Wildfire/Urban interface throughout the County

Wildfire Mitigation Strategies

- Public education and awareness activities such as programs and brochures regarding fuel management, proper vegetation, fire breaks
- Continue enforcement of state fire codes regarding setback requirements
- Public education utilizing the Michigan Department of Natural Resources flyers and the Federal Emergency Management Administration information at parks and campgrounds
- Real estate and insurance agents to distribute information
- Assess fire suppression access and make improvements
- Research the Department of Natural Resources' State Forest wildfire/urban interface rules or plan

Priority Area 5. Potential of Erosion and Ice damage throughout the County

Shoreline Erosion Mitigation Strategies

- Drainage control projects
- Enforcement of soil erosion statutes/permits
- Enforcement of building and zoning codes for current and future development
- Enforcement of the grading levels no more than 10%
- Placement of vegetation and utilizing native vegetation

Other mitigation strategies

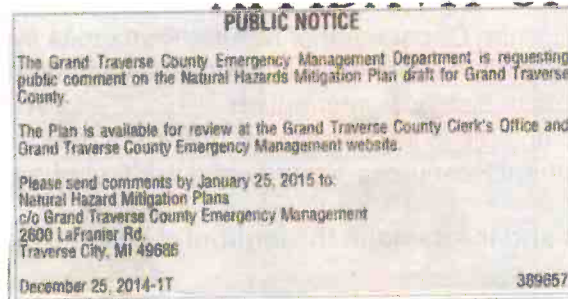
- Public education and awareness activities
- Work towards uniform mapping and zoning throughout the county for natural hazards mitigation
- Incorporate the Natural Hazards Mitigation Plan into the County's Master Plan and local zoning ordinances if in place.

X. Participation in the Development of the Grand Traverse County Natural Hazards Mitigation Plan

The opportunities for review by other governmental entities and the public included the following:

- Public Notices were published in the Record Eagle

Public Notice



- The Natural Hazards Mitigation Plan was presented to the Grand Traverse County Planning Commission where the meetings are posted in the newspaper and are open to the public. Commission members gave their input and there were no comments from the public.
- The Natural Hazards Mitigation Plan was presented to the Grand Traverse County Board of Commissioners where the meetings are posted in the newspaper and are open to the public. Commissioners gave their input and there were no comments from the public.
- During development of the plan, all townships and villages were provided the opportunity to formally comment on plan drafts and other related materials. They were given the opportunity via mailings of both meeting notices and draft copies of the plan for comment. Notification was also provided to them that the plans were posted on the NWMCOG website and could be reviewed there. While no jurisdictions (other than the county) provided formal written comments, they did provide county staff (particularly the county emergency manager) with feedback via other informal means. This feedback took the form of phone calls, emails and conversations that occurred at various non-mitigation related meetings throughout the county. This information was provided back to NWMCOG staff by the county staff and used in development of the plan, including the risk assessment and community profile sections.

In addition, the townships and villages (whether or not they have their own zoning) have indicated to NWMCOG and the county emergency manager that they will follow the county's lead in identifying mitigation projects and developing grant applications to fund those projects. Land use issues associated with those projects (where applicable) will be handled by each jurisdiction that controls zoning in the project area.

Community planning services are provided by the professional staff of the Grand Traverse County Planning & Development Department. The Department assists communities in developing plans and zoning ordinances, provides resource information and technical assistance, and convenes communities to address land use issues of common interest. The Grand Traverse County Planning Commission coordinates and reviews local zoning and master plans to ensure consistency across jurisdictional boundaries.

Building permits are issued by the Grand Traverse County Construction Code Department, except in Garfield and Fife Lake townships where they are handled locally.

The Townships/Villages in the priority areas include:

Acme Township – Zoning
 Blair Township - Zoning
 East Bay Township – Zoning
 Fife Lake Township – Zoning
 Garfield Township – Zoning
 Grant Township – Zoning
 Green Lake Township – Zoning
 Long Lake Township – Zoning

Mayfield Township – Zoning
 Paradise Township – Zoning
 Peninsula Township – Zoning
 Union Township – Zoning
 Whitewater Township – Zoning
 Village of Fife Lake – Zoning
 Village of Kingsley – Zoning
 City of Traverse City - Zoning

Table 17: Plan Participation

County/Township/Others	Zoning	Participation
Grand Traverse County	No	Task Force meetings, review/development of updated elements: Board of Commissioners Conservation District Emergency Management Coordinator Equalization Department Health Department Planning Commissioners Planning Department Road Commission
Acme Township	Yes	See last bullet point paragraph, above
Blair Township	Yes	See last bullet point paragraph, above
East Bay Township	Yes	See last bullet point paragraph, above
Fife Lake Township	Yes	See last bullet point paragraph, above
Garfield Township	Yes	See last bullet point paragraph, above
Grant Township	Yes	See last bullet point paragraph, above
Green Lake Township	Yes	See last bullet point paragraph, above
Long Lake Township	Yes	See last bullet point paragraph, above
Mayfield Township	Yes	See last bullet point paragraph, above
Paradise Township	Yes	See last bullet point paragraph, above
Peninsula Township	Yes	See last bullet point paragraph, above
Union Township	Yes	See last bullet point paragraph, above
Whitewater Township	Yes	See last bullet point paragraph, above
Village of Fife Lake	Yes	See last bullet point paragraph, above
Village of Kingsley	Yes	See last bullet point paragraph, above
City of Traverse City	Yes	See last bullet point paragraph, above
Grand Traverse Band of Ottawa and Chippewa	Yes	See last bullet point paragraph, above

***The Grand Traverse Band has their own planning authority over lands they own that have been put in trust with the Federal Government. The County Natural Hazards Mitigation Plan would not cover the Tribe/lands, but the Tribes may adopt the approved County plan as their own.*

N/A = Not applicable; these are non-governmental authority entities

XI. IMPLEMENTATION OF THE GRAND TRAVERSE COUNTY NATURAL HAZARDS MITIGATION PLAN

Natural Hazards Mitigation Plan Managers and Technical Assistance

The County Board will lead the implementation of the Natural Hazards Mitigation Plan with assistance from the Emergency Management Coordinator and the Administration/Planning Department. Inter- agency partnerships and collaboration are encouraged to accomplish the goals and objectives of the Plan.

- Grand Traverse County Government Staff
- Townships, cities, and villages
- Grand Traverse County Conservation District
- Grand Traverse County Drain Commissioner
- Grand Traverse County Road Commission
- Grand Traverse Band of Ottawa and Chippewa Indians
- Grand Traverse Regional Land Conservancy
- The Watershed Center Grand Traverse Bay
- New Designs for Growth
- Michigan State University Extension
- Michigan Department of Environmental Quality
- Michigan Department of Natural Resources
- U.S. Environmental Protection Agency
- U.S. Army Corps of Engineers
- U.S. Department of Agriculture Natural Resources Conservation Service
- Insurance Companies
- Real Estate Companies

All natural hazards mitigation planning could be pursued using Michigan Public Act 226 of 2003, the Joint Municipal Planning Act. This Act provides for joint land use planning by cities, villages, and townships, and allows two or more municipalities' legislative bodies to create a single joint planning commission to address planning issues. This tool helps with planning for the "big picture" issues such as natural hazards that cross jurisdictional boundaries.

The intent of this legislation is for local governments to consider the following:

- Individual units of government modifying their ordinances simultaneously to include language that would incorporate aspects of protection
- Developing an overlay zoning district that would cross jurisdictional boundaries which would be incorporated into existing independent units of government's zoning ordinances
- Forming a new joint (multi-jurisdictional) planning commission or zoning board
- Sharing zoning administration and enforcement activities

Funding the Implementation of the Plan

To assist with the funding of the proposed natural hazards mitigation strategies, the following is a list of potential financial assistance entities to help fund the implementation projects of the Plan.

- Federal Emergency Management Administration – Hazard Mitigation Grant Program
- U.S. Environmental Protection Agency
- U.S. Department of Agriculture Natural Resources Conservation Service
- U.S. Department of Agriculture Rural Development: Rural broadband opportunity – high speed telecommunication funding from the Public Telecommunications Facilities Planning and Construction grants
- U.S. Department of Housing and Urban Development
- Michigan Department of Environmental Quality
- Michigan Department of Natural Resources

Funding the Implementation of the Plan (continued)

- National Oceanic and Atmospheric Administration
- Community, Regional Foundations
- Businesses

Action Agenda

The following is a summary for accomplishing the recommended natural hazards mitigation actions for Grand Traverse County.

Table 19: Action Strategies

Priority and Action Strategies	Responsible Parties	Timeframe
Priority Area 1: Flood Mitigation Strategies		
a. Drainage improvements in high flooding potential areas, including upgrading the twin culverts on S. Airport Rd at <i>Logan's Landing</i>	Drain Commissioner Road Commission County Conservation District Emergency Management Department Townships, Villages, City	2-4 years from adoption of the plan
b. Removal of unsafe dams on the Boardman River	County Conservation District County Planning Department Emergency Management Department MI Department of Natural Resources Townships of Garfield, Blair, Paradise, East Bay, City of Traverse City	4-8 years from adoption of the plan
c. Continue enforcement of building codes and soil erosion regulations	County Building Inspector Building Construction Code Dept. County Conservation District	Ongoing
Priority Area 2: Thunderstorms and High Winds Mitigation Strategies		
a. Promote the establishment of the State of Michigan's Primary Radio Communication system for throughout the County	Emergency Management Department County Planning Department Townships, Villages, City	1-2 years from adoption of the plan
b. Have a debris removal plan for safety	Emergency Management Department County Planning Department County Building Inspector Townships, Villages, City	2-4 years from adoption of the plan
c. Utilize ham radio channel for local warnings	Emergency Management Department	1-2 years from adoption of the plan
d. Work with utility companies	Emergency Management Department County Planning Department County Building Inspector Utility Companies	1-3 years from adoption of the plan
e. Tree management	Utility Companies Emergency Management Department Townships, Villages, Private Landowners	1-3 years from adoption of the plan
f. Promotion of burying utility lines in new construction	County Building Inspector Utility Companies Emergency Management Department County Planning Department Townships, Villages, City	1-3 years from adoption of the plan

Priority and Action Strategies	Responsible Parties	Timeframe
Priority Area 2: Thunderstorms and High Winds Mitigation Strategies (continued)		
g. Burying power lines in high outage areas	County Building Inspector Utility Companies Emergency Management Department County Planning Department Townships, Villages, City	1-3 years from adoption of the plan
h. Identify potential wind damage areas	Emergency Management Department County Planning Department Townships, Villages, City	1-2 years from adoption of the plan
i. Establish new generators where needed	Emergency Management Department County Planning Department Townships, Villages, City	2-3 years from adoption of the plan
Priority Area 3: Extreme Winter Weather (Snow Load and Ice Build Up) Mitigation Strategies		
a. Continue enforcement of building code regarding snow load limits through the permitting process	County Building Inspector Townships, Villages, City County Planning Emergency Management Coordinator	Ongoing
b. Promote the establishment of the State of Michigan's Primary Radio Communication system for throughout the County	Emergency Management Department County Planning Department Townships, Villages, City	1-2 years from adoption of the plan
c. Utilize a ham radio channel for local warnings	Emergency Management Department	1-2 years from adoption of the plan
Priority Area 4: Wildfire/Urban Interface Mitigation Strategies		
a. Public education and awareness activities such as programs and brochures regarding fuel management, proper vegetation, fire breaks	County Planning Department Emergency Management Department Building Inspector County Soil Conservation District MI Department of Natural Resources Townships, Villages, City	1-3 years from adoption of the plan
b. Continue enforcement of state fire codes regarding setback requirements	Building Inspector Townships, Villages, City	Ongoing
c. Public education utilizing the MI Department of Natural Resources flyers and the FEMA information at parks and campgrounds	Emergency Management Department County Conservation District MI Department of Natural Resources Townships, Villages Parks and Campgrounds, public and private	1-3 years from adoption of the plan
d. Real estate and insurance agents to distribute information	Emergency Management Department County Planning Department Townships, Villages	1-3 years from adoption of the plan
e. Assess fire suppression access and make improvements	Emergency Management Department County and local fire departments	1-3 years from adoption of the plan
f. Research the MI Department of Natural Resources' State Forest wildfire/urban interface rules or plan	Emergency Management Department County and local fire departments County Planning Department	1-3 years from adoption of the plan

Priority and Action Strategies	Responsible Parties	Timeframe
Priority Area 5: Shoreline Erosion Mitigation Strategies		
a. Drainage control projects	Building Construction Code Dept. Drain Commissioner County Conservation District Emergency Management Department Townships, Villages, City	2-4 years from adoption of the plan
b. Enforcement of soil erosion statutes/permits	Building Construction Code Dept. Drain Commissioner County Conservation District County Planning Department Emergency Management Coordinator MI Department of Environmental Quality U.S. Army Corps of Engineers	Ongoing
c. Enforcement of the building codes	County Building Inspector	Ongoing
d. Enforcement of the grading levels no more than 10%	Building Construction Code Dept. Drain Commissioner County Conservation District County Planning Department	Ongoing
e. Placement of vegetation and utilizing native vegetation	County Building Inspector Building Construction Code Dept. Drain Commissioner County Conservation District County Planning Department Townships of Peninsula, East Bay, Acme, City of Traverse City	Ongoing

Additional Mitigation Strategies

- General Public education and awareness activities
- Work towards uniform mapping and zoning throughout the county for natural hazards mitigation
- Incorporate the Natural Hazards Mitigation Plan into the County's Master Plan and local zoning ordinances if in place.

Monitoring and Evaluation

The Grand Traverse County Natural Hazards Mitigation Plan will be monitored on a regular basis by the Emergency Management Staff and Planning Staff. Because Grand Traverse County is a dynamic, changing county with population growth, it is expected that the plan should be reviewed on an annual basis.

To assess the effectiveness of the Plan, some questions to ask in the review include: 1) How many and which mitigation strategies were developed? Implemented? 2) Did any new natural hazards events take place the past year to report? This review will be administered by the Emergency Management Coordinator with the Local Emergency Planning Committee, the County Planning Commission, and the public. If changes are needed, the plan will be presented to the Task Force participants for revisions.

Although review of the plan will occur annually, and a formal revision may not be needed each year, a new edition of the plan will be expected within every five year period. A continual process for updates will take place with annual reviews, monitoring, evaluation, and an accumulation of official feedback and public input through public notices. When it is appropriate to publish a revised version of the plan, the Task Force participants shall again be involved in the revision process. Each new edition of the plan will again be officially adopted by the Grand Traverse County Board of Commissioners.

XII. NATURAL HAZARDS MITIGATION PLAN ADOPTION RESOLUTION

Grand Traverse County Natural Hazard Mitigation Plan Adoption Resolution RESOLUTION 92-2015

Whereas; Grand Traverse County, Michigan has experienced risks that may damage commercial, residential and public properties, displace citizens and businesses, close streets and impair infrastructure, and present general public health and safety concerns; and

Whereas; Grand Traverse County has developed the Grand Traverse County Natural Hazard Mitigation Plan that outlines the counties options to reduce damages and impacts from natural and technological hazards; and

Whereas; the Natural Hazard Mitigation Plan has been reviewed by residents, business owners, and federal, state and local agencies, and has been revised where appropriate to reflect their concerns;

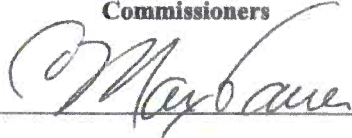
Now, therefore, be it resolved that:

The Natural Hazard Mitigation Plan is hereby adopted as an official plan of Grand Traverse County, Michigan.

Passed this 1st day of July, 2015

HEREBY CERTIFY THIS COPY TO BE A
TRUE AND CORRECT COPY OF THE RECORD ON
FILE WITH THE OFFICE OF COUNTY CLERK
BONNIE SCHEEL
GRAND TRAVERSE COUNTY CLERK
By: Bonnie Scheele
CLERK/DEPUTY COUNTY CLERK
DATE: July 2, 2015

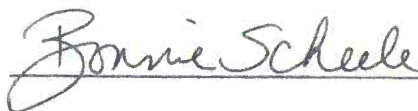
Chair, Grand Traverse County Board of
Commissioners



Date

7-2-15

Grand Traverse County Clerk



Date

7-2-15

NOTE: AN OFFICIAL SIGNED COPY OF A RESOLUTION OF ADOPTION MUST BE SUBMITTED TO THE MICHIGAN STATE POLICE EMERGENCY MANAGEMENT AND HOMELAND SECURITY DIVISION (to comply with the requirements of the Disaster Mitigation Act of 2000).

XIII. APPENDICES

Appendix A

Glossary of Mitigation Planning Terms

Alluvial fan: A gently sloping fan-shaped landform created over time by the deposition of eroded sediment and debris.

Base Flood: A flood having a one percent chance of being equaled or exceeded in any given year.

Coastal high hazard area: An area of special flood hazard extending from offshore to the inland limit of a primary frontal dune along an open coast and any other area subject to high velocity wave action from storms.

Community: Any state, area, or political jurisdiction or any Native American Tribe, authorized tribal organization, Alaska native village, or authorized native organization that has the authority to adopt and enforce floodplain management ordinances for the area under its jurisdiction. In most cases, a community is an incorporated city, town, village, township, or an unincorporated area of a county.

Disaster: A major detrimental impact of a hazard upon the population and economic, social, and built environment of an affected area.

Exposure: The number, types, qualities, and monetary values of various types of property or infrastructure and life that may be subject to an undesirable or injurious hazard event.

Flood Insurance Rate Map: As defined under the National Flood Insurance Program, an official map of the community on which the administrator of the Flood Insurance Administration has delineated both the special flood hazard areas and the risk premium zones applicable to the community.

Floodplain or flood prone area: Any land area susceptible to being inundated by water from any source.

Floodplain management: The operation of an overall program of corrective and preventive measures for reducing flood damage, including but not limited to emergency preparedness plans, flood control works, and floodplain management regulations.

Fuel: Combustible plant material, both living and dead, that is capable of burning in a wildland situation; any other flammable material in the built environment that feeds a wildfire.

Hazard: An event or physical condition that has the potential to cause fatalities, injuries, property damage, infrastructure damage, agricultural loss, damage to the environment, interruption of business, or other types of harm or loss.

Hazard identification: The process of defining and describing a hazard, including its physical characteristics, magnitude and severity, probability and frequency, causative factors, and locations or areas affected.

Lifeline systems: Public works and utilities such as electrical power, gas and liquid fuels, telecommunications, transportation, and water and sewer systems.

Major disaster: As defined in the Stafford Act, "any natural catastrophe or, regardless of cause, any fire, flood, or explosion in any part of the United States, which in the determination of the President causes damage of sufficient severity and magnitude to warrant major disaster assistance under this Act to supplement the efforts and available resources of states, local governments, and disaster relief organizations in alleviating the damage, loss, hardship, or suffering caused thereby."

Mitigation: Sustained action taken to reduce or eliminate the long-term risk to human life and property from natural hazards and their effects. Note that this emphasis on long-term risk distinguishes mitigation from actions geared primarily to emergency preparedness and short-term recovery.

Multiple-objective management: A holistic approach to floodplain management (or the management of other hazards) that emphasizes the involvement of multiple distinct interest in solving land use problems related to the hazardous area.

Natural hazard: Hurricanes, tornadoes, storms, floods, tidal wave, tsunamis, high or wind-driven waters, volcanic eruptions, earthquakes, snowstorms, wildfires, droughts, landslides, and mudslides.

One hundred year flood: The flooding event that has a one percent chance of occurring in a particular location in any given year. While this is the most common reference point statistically because it is used for regulatory purposes in the National Flood Insurance Program, the same language applies in referring to other actual or hypothetical events in terms of their statistical probabilities.

Risk: The potential losses associated with a hazard, defined in terms of expected probability and frequency, exposure, and consequences.

Risk assessment: A process or method for evaluating risk associated with a specific hazard and defined in terms of probability and frequency of occurrence, magnitude and severity, exposure, and consequences.

Special flood hazard area: Land in the floodplain within a community subject to one percent or greater chance of flooding in any given year.

Stafford Act: The Robert T. Stafford Disaster Relief and Emergency Assistance Act (P.L. 93-288, as amended by P.L. 100-707), which provides the greatest single source of federal disaster assistance.

Structure: A walled and roofed building, including a storage tank for gas or liquid that is principally above ground, as well as a manufactured home.

Tornado Classifications:

F-Scale Number	Intensity Phrase	Wind Speed	Type of Damage Done
F0	Gale tornado	40-72 mph	Some damage to chimneys, breaks branches off trees, pushes over shallow-rooted trees, damages sign boards.
F1	Moderate tornado	73-112 mph	The lower limit is the beginning of hurricane wind speed, peels surface off roofs; mobile homes pushed off foundations or overturned, moving autos pushed off the roads, attached garages may be destroyed.
F2	Significant tornado	113-157 mph	Considerable damage. Roofs torn off frame houses, mobile homes demolished, boxcars pushed over, large trees snapped or uprooted, light object missiles generated.
F3	Severe tornado	158-206 mph	Roof and some walls torn off well constructed houses, trains overturned, most trees in forest uprooted

F4	Devastating tornado	207-260 mph	Well-constructed houses leveled, structures with weak foundations blown off some distance, cars thrown and large missiles generated.
F5	Incredible tornado	261-318 mph	Strong frame houses lifted off foundations and carried considerable distances to disintegrate, automobile sized missiles fly through the air in excess of 100 meters, trees debarked, steel reinforced concrete structures badly damaged.
F6	Inconceivable tornado	319-379 mph	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the mess produced by F4 and F5 wind that would surround the F6 winds. Missiles, such as cars and refrigerators would do serious secondary damage that could not be directly identified as F6 damage. If this level is ever achieved, evidence for it might only be found in some manner of ground swirl pattern, for it may never be identifiable through engineering studies

Urban Wildfire: A fire moving from a wildland environment, consuming vegetation as fuel, to an environment where the fuel consists primarily of buildings and other structures.

Urban/wildland interface: A developed area, also known as the “I-zone,” occupying the boundary between an urban or settled area and a wildland characterized by vegetation that can serve as fuel for a forest fire.

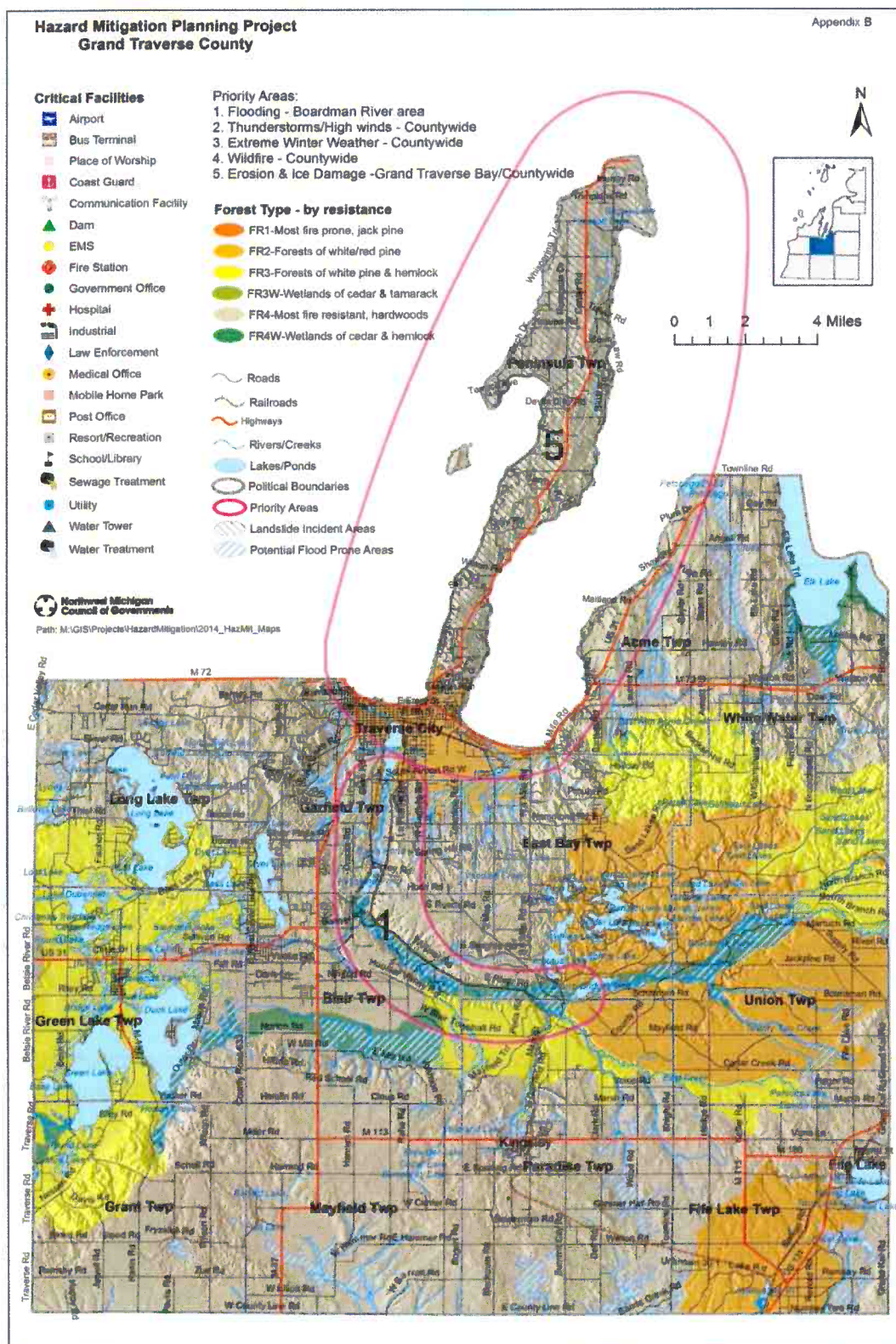
Vulnerability: The level of exposure of human life and property to damage from natural hazards.

Watershed management: The implementation of a plan or plans for managing the quality of flow of water within a watershed, the naturally defined area within which water flows into a particular lake or river or its tributary. The aims of watershed management are holistic and concern the maintenance of water quality, the minimization of stormwater runoff, the preservation of natural flood controls such as wetlands and pervious surface, and the preservation of natural drainage patterns. Watershed management is, in many ways, an enlargement of most of the concerns that underlie floodplain management.

Wildland: An area in which development has not occurred with the exception of some minimal transportation infrastructure such as highways and railroads, and any structures that are widely spaced and serve largely recreational purposes.

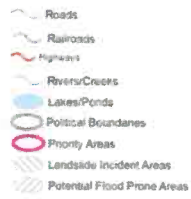
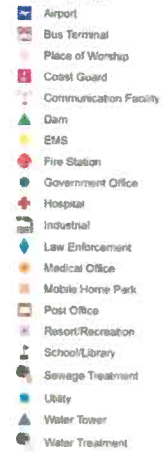
Appendix B

Detailed Maps



Hazard Mitigation Planning Project Grand Traverse County - Northeast

Critical Facilities



Forest Type - by resistance

- FR1-Most fire prone, jack pine
- FR2-Forests of white/red pine
- FR3-Forests of white pine & hemlock
- FR3W-Wetlands of cedar & tamarack
- FR4-Most fire resistant, hardwoods
- FR4W-Wetlands of cedar & hemlock

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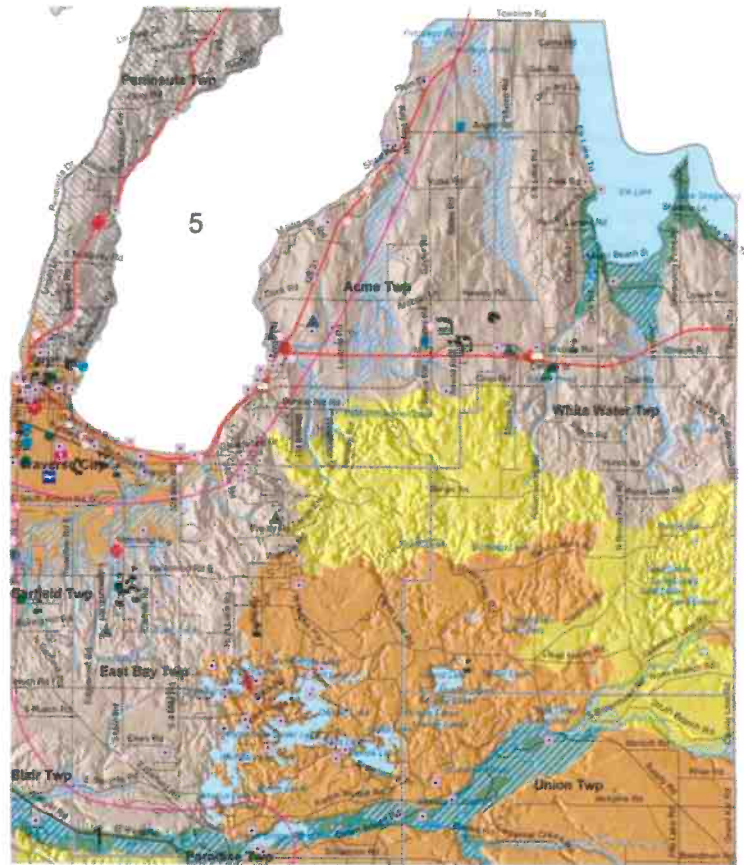
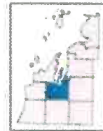
Priority Areas:

1. Flooding - Boardman River area
2. Thunderstorms/High winds - Countywide
3. Extreme Winter Weather - Countywide
4. Wildfire - Countywide
5. Erosion & Ice Damage -Grand Traverse Bay/Countywide



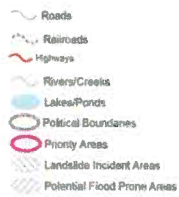
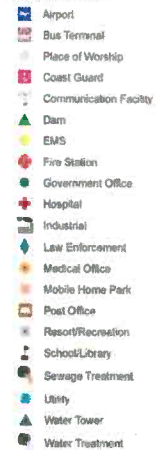
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Appendix B



Hazard Mitigation Planning Project Grand Traverse County - Northwest

Critical Facilities



Forest Type - by resistance

- FR1-Most fire prone, jack pine
- FR2-Forests of white/red pine
- FR3-Forests of white pine & hemlock
- FR3W-Wetlands of cedar & tamarack
- FR4-Most fire resistant, hardwoods
- FR4W-Wetlands of cedar & hemlock

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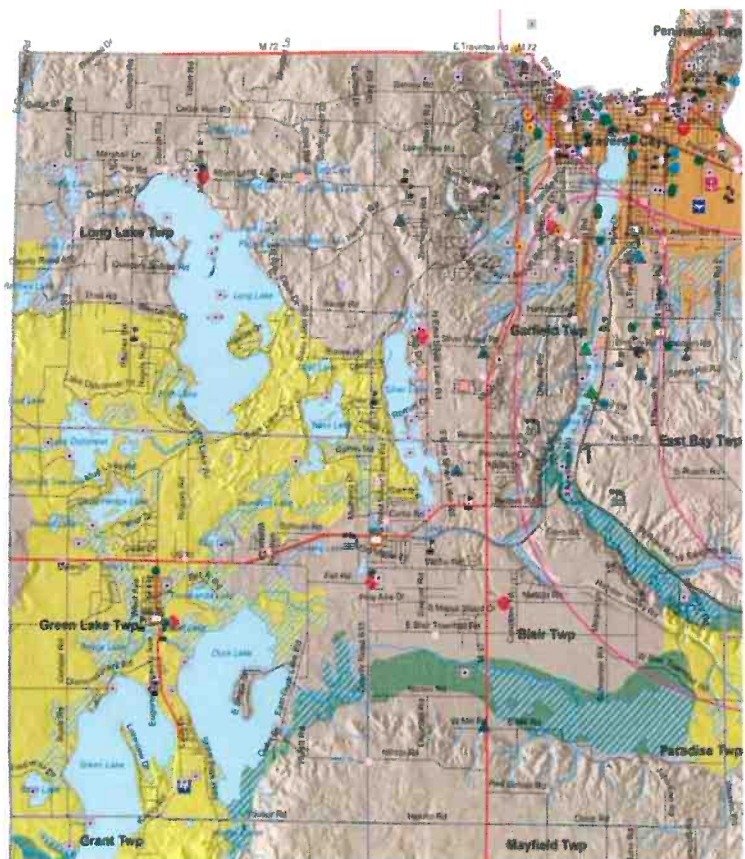
Priority Areas:

1. Flooding - Boardman River area
2. Thunderstorms/High winds - Countywide
3. Extreme Winter Weather - Countywide
4. Wildfire - Countywide
5. Erosion & Ice Damage -Grand Traverse Bay/Countywide



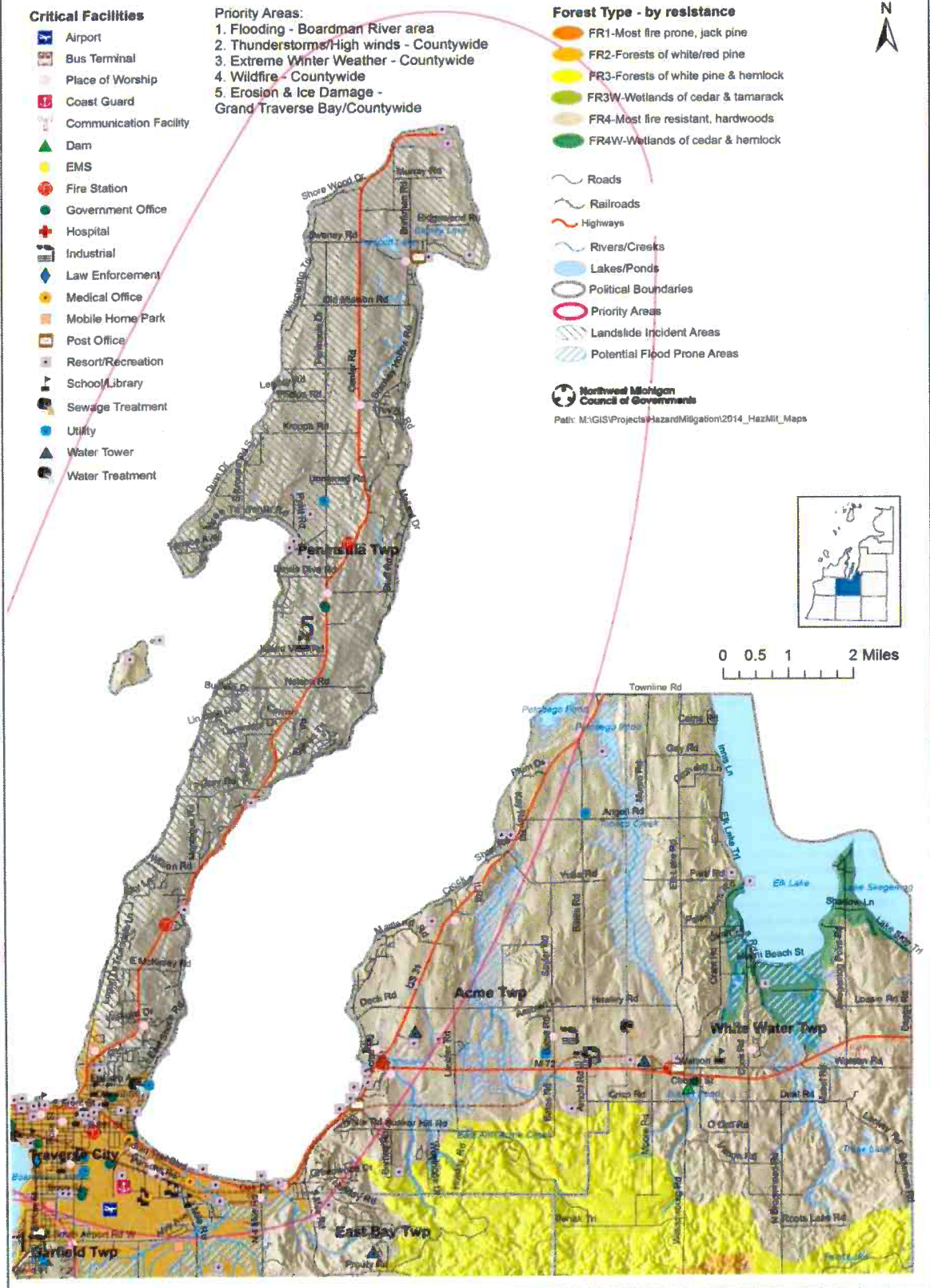
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Appendix B



Hazard Mitigation Planning Project **Grand Traverse County - Old Mission Peninsula**

Appendix B



Hazard Mitigation Planning Project Grand Traverse County - South

Critical Facilities

- Airport
- Bus Terminal
- Place of Worship
- Coast Guard
- Communication Facility
- Dam
- EMS
- Fire Station
- Government Office
- Hospital
- Industrial
- Law Enforcement
- Medical Office
- Mobile Home Park
- Post Office
- Resort/Recreation
- School/Library
- Sewage Treatment
- Utility
- Water Tower
- Water Treatment

- Roads
- Railroads
- Highways
- Rivers/Creeks
- Lakes/Ponds
- Political Boundaries
- Priority Areas
- Landslide Incident Areas
- Potential Flood Prone Areas

Forest Type - by resistance

- FR1-Most fire prone, jack pine
- FR2-Forests of white/red pine
- FR3-Forests of white pine & hemlock
- FR3W-Wetlands of cedar & tamarack
- FR4-Most fire resistant, hardwoods
- FR4W-Wetlands of cedar & hemlock

Priority Areas:

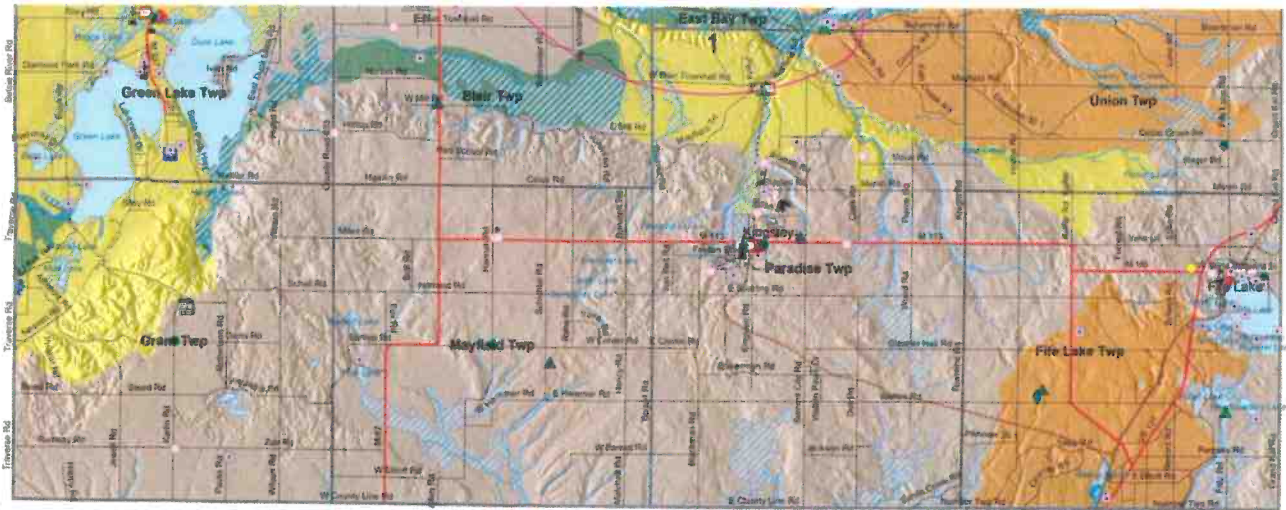
1. Flooding - Boardman River area
2. Thunderstorms/High winds - Countywide
3. Extreme Winter Weather - Countywide
4. Wildfire - Countywide
5. Erosion & Ice Damage -Grand Traverse Bay/Countywide

Northwest Michigan
Council of Governments

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Appendix B

Hazard Mitigation Planning Project Grand Traverse County - Traverse City

Critical Facilities

- Airport
- Bus Terminal
- Place of Worship
- Coast Guard
- Communication Facility
- Dam
- EMS
- Fire Station
- Government Office
- Hospital
- Industrial
- Law Enforcement
- Medical Office
- Mobile Home Park
- Post Office
- Resort/Recreation
- School/Library
- Sewage Treatment
- Utility
- Water Tower
- Water Treatment

- Roads
- Railroads
- Highways
- Rivers/Creeks
- Lakes/Ponds
- Political Boundaries
- Priority Areas
- Landslide Incident Areas
- Potential Flood Prone Areas

Forest Type - by resistance

- FR1-Most fire prone, jack pine
- FR2-Forests of white/red pine
- FR3-Forests of white pine & hemlock
- FR3W-Wetlands of cedar & tamarack
- FR4-Most fire resistant, hardwoods
- FR4W-Wetlands of cedar & hemlock

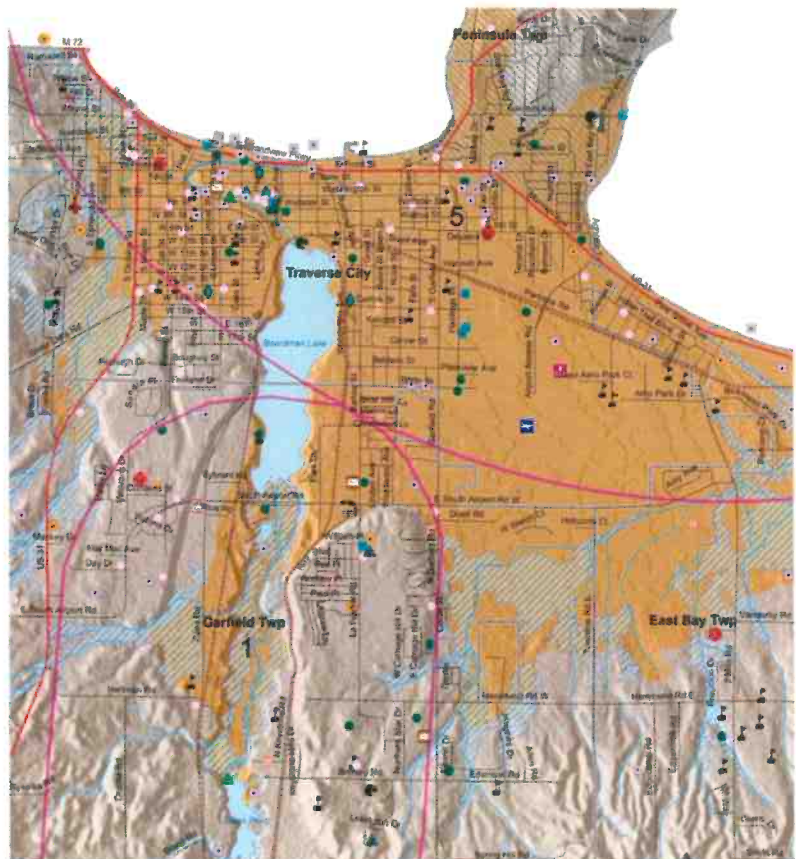
0 0.25 0.45 0.9 Miles

Priority Areas:

1. Flooding - Boardman River area
2. Thunderstorms/High winds - Countywide
3. Extreme Winter Weather - Countywide
4. Wildfire - Countywide
5. Erosion & Ice Damage -Grand Traverse Bay/Countywide

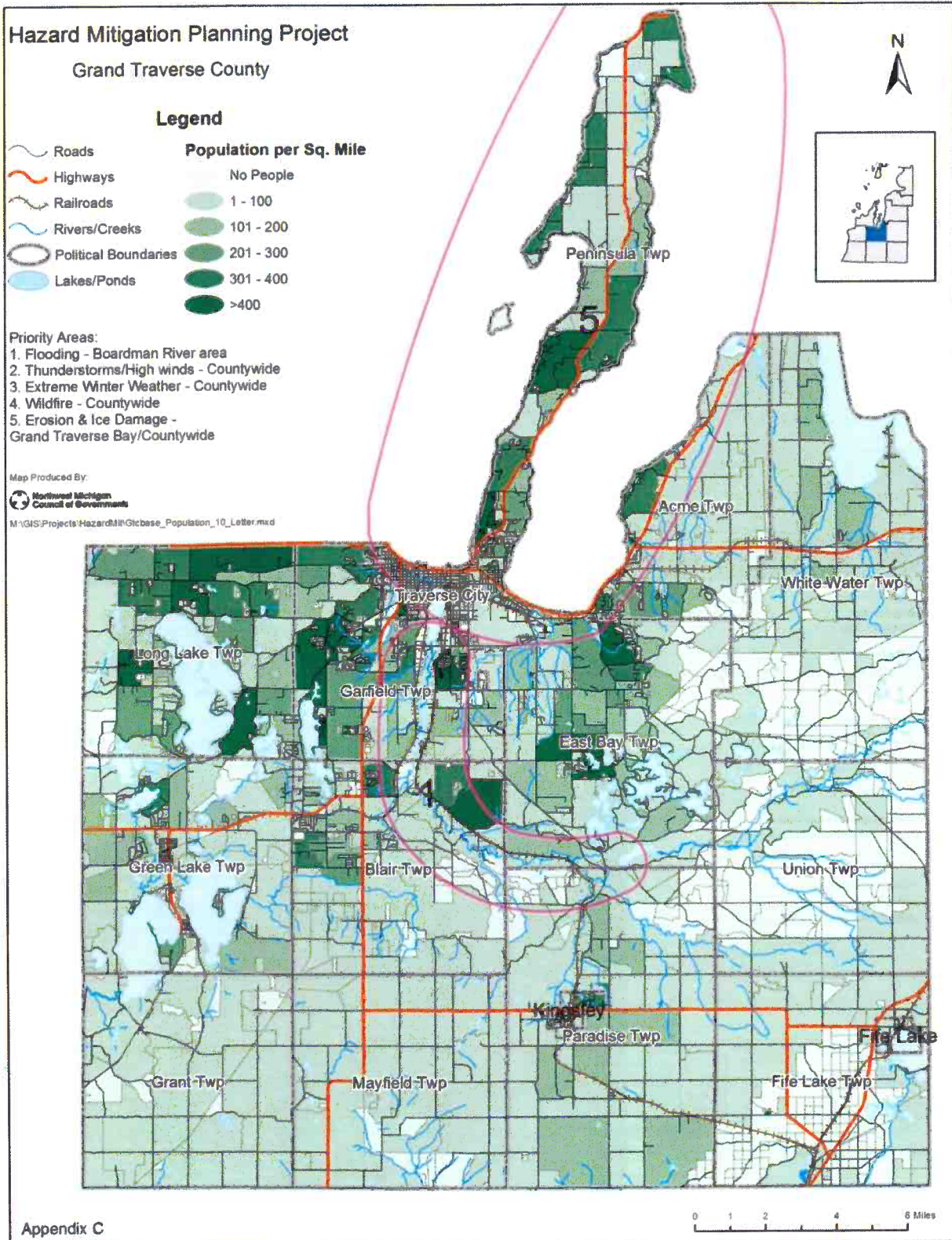
Northwest Michigan
Council of Governments

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Appendix C

Population Density Map



Appendix D

Risk Assessment Summary Table: GRAND TRAVERSE COUNTY

HAZARD (Years of Record)	Number of Events	Probability**	Geographic Size Affected	Population Impacted	Specific Priority Area	Estimated Damage Known Costs
Flooding (1986 – 2013)	7	Frequent	County Wide Boardman River Communities	86,986 46,306	1	\$6,894,000 property damage
Hail (1958 – 2014)	26	Frequent	County Wide	86,986		.75 inch to 2 inch magnitude
Shoreline Erosion	No recorded major events	Rare	Traverse City, Peninsula, East Bay, and Acme Townships	35,145	5	
Extreme Winter Weather (1993 – 2014)	105	Frequent	County Wide	86,986	3	\$5,112,000 property damage and power outages \$15,000,000 crop damage (statewide)
Severe Thunderstorm/High Winds/Lightning (1955 – 2014)	54	Frequent	County Wide	86,986	2	\$477,500 property damage
Tornadoes	4	Rare	County Wide	86,986	2	\$775,000 property damage
Wildfires (1981 – 2010)	386	Occasional	County Wide	86,986	4	1300 acres

****Rare** - Hazard event is likely to occur less than once every 30 years.

Occasional - Hazard event is likely to occur less than once every 5 years, but more often than once every 30 years.

Frequent - Hazard event is likely to occur more than once every 5 years.

Appendix E

Examples of Past Mitigation Projects

Flood Projects	Tornado/Wind Projects	Extreme Cold/Winter/Infrastructure Failure Projects
Replace culvert with bridge	Modify roof ballast system on airport	Insulate municipal water tower
Install stormwater relief drain	Construct storm shelters in public buildings	Insulate city infrastructure
Upgrade road culvert	Construct storm shelters for homes, facilities	Insulate sanitary/storm sewer mains
Elevate floors of homes	Wind bracing for microwave/radio towers	Insulate water mains
Acquire of floodway properties	Construct mobile home park storm shelter	Bury utility lines
Create retention basin	Wind retrofitting for municipal buildings	Relocate sewer mains
Construct new dike	Wind bracing for school facilities	Reroute power lines under a river
Upgrade bridge over a creek (for greater stream flow)	Upgrade warning sirens**	Install plumbing devices to prevent sewer backup
Install sea wall	Install warning sirens**	Elevate and build casing for generator for EOC
Install rip rap to protect roadway	Purchase/Distribute NOAA radios**	Living snow fences for highways and roadways
Re-route various county drains	Severe weather monitoring systems**	
Purchase back-flow prevention valves	Implement long-term community outreach**	
Construct new drains for flood relief		
Flood study for home acquisition		
Flood study of community's flood risk	Thunderstorm/Lightning Projects	Wildfire Projects
Flood study for stream, roadways	Lightning protection (grounding/phasing)	Vegetation management for roadways
Elevate electrical equipment in basements	Purchase/Distribute NOAA radios**	Vegetation mgmt. for urban interface areas of city
Floodproof wastewater treatment plant	Install weather alert monitors**	Vegetation mgmt. for homes in fire prone areas
Warning sensor for creek/river		Urban Interface Education Program**
Warning sensor for dam		
Raise manholes above 100-Yr floodplain		
Expand storm sewer network for subdivision		
Excavate floodway channel bypass		
Establish permanent flood elevation benchmarks**		
Increase pump capacity for pump stations		
Remove abandoned dam		
Construct emergency floodway		
Install plumbing devices to prevent sewer backup		

**Denotes Hazard Mitigation Grant Program State Discretionary projects (only 5-10% set aside of HMGP funding)

Appendix F

Resources

Benchmarks 2014, Northwest Michigan Council of Governments

Confronting Climate Change in the Great Lakes Region, Michigan fact sheet, Union of Concerned Scientists and the Ecological Society of America, April 2003.

Integrating Human-Caused Hazards Into Mitigation Planning, State and Local Mitigation Planning how-to guide: Federal Emergency Management Agency, September 2002, FEMA 386-7 CD.

Local Hazard Mitigation Planning Workbook: EMD-PUB 207, February 2003, Emergency Management Division, Michigan Department of State Police.

Michigan Hazard Analysis 2012, EMD-PUB 103, July 2012, Emergency Management and Homeland, Security Division / Michigan Department of State Police

National Oceanic and Atmospheric Administration: Weather/Climate Events, Information, Assessments; Climatology and Extreme Events; U.S. Storm Events Data Base; 1950-present, local storm reports, damage reports, etc. from various sources. www.ncdc.noaa.gov

Northwest Michigan County Profiles 2010, Northwest Michigan Council of Governments, November 2002.

Northwest Michigan Council of Governments Website Data, nwm.org.

Planning for a Disaster-Resistant Community: A One-Day Workshop for City and County Planners, Planning Officials, and Consultants: American Planning Association Research Department, American Planning Association, 2002 in cooperation with the Federal Emergency Management Agency, Planning and Mitigation Branch (materials only).

Platte River Watershed Management Plan, Benzie County Conservation District, April 2002.

State and Local Mitigation Planning how to guide: Understanding Your Risks, identifying hazards and estimating losses: Federal Emergency Management Agency, August 2001, FEMA 386-2.

Acme Township MI
Natural Hazard Mitigation Plan Adoption Resolution
Resolution No. 2015-_____

At a regular meeting of the Acme Township Board of Trustees held on October 6, 2015 on a motion made by____ and Seconded by ____ passed the following resolution;

Whereas; ACME TOWNSHIP, has experienced risks that may damage commercial, residential and public properties, displace citizens and businesses, close streets and impair infrastructure, and present general public health and safety concerns; and

Whereas; Grand Traverse County has developed the Grand Traverse County Natural Hazard Mitigation Plan that outlines the counties options to reduce damages and impacts from natural and technological hazards; and

Whereas; the Natural Hazard Mitigation Plan has been reviewed by residents, business owners, and federal, state and local agencies, and has been revised where appropriate to reflect their concerns;

Now, therefore, be it resolved that:

The Natural Hazard Mitigation Plan is hereby adopted as an official plan of **Acme Township**

Passed this _____ day of _____, 2015

Township Board Members present:

Ayes:

Nay:

Abstaining:

Acme Township Supervisor-Jay B. Zollinger

Date

Acme Township Clerk-Cathy Dye

Date

NOTE: AN OFFICIAL SIGNED COPY OF A RESOLUTION OF ADOPTION MUST BE SUBMITTED TO THE MICHIGAN STATE POLICE EMERGENCY MANAGEMENT AND HOMELAND SECURITY DIVISION (to comply with the requirements of the Disaster Mitigation Act of 2000).

Acme Township MI
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Whereas; the Natural Hazard Mitigation Plan has been reviewed by residents, business owners, and federal, state and local agencies, and has been revised where appropriate to reflect their concerns;

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The Natural Hazard Mitigation Plan is hereby adopted as an official plan of **Acme Township**

Passed this ____ day of _____, 2015

Township Board Members present:

Ayes:

Nay:

Abstaining:

Acme Township Supervisor-Jay B. Zollinger

Date

Acme Township Clerk-Cathy Dye

Date

NOTE: AN OFFICIAL SIGNED COPY OF A RESOLUTION OF ADOPTION MUST BE SUBMITTED TO THE MICHIGAN STATE POLICE EMERGENCY MANAGEMENT AND HOMELAND SECURITY DIVISION (to comply with the requirements of the Disaster Mitigation Act of 2000).



KEVIN P. McELYEA, LLA

GRAND TRAVERSE COUNTY DRAIN COMMISSIONER

400 BOARDMAN AVENUE, TRAVERSE CITY, MICHIGAN 49684

(231) 922-4807 * FAX (231) 922-4658, E-MAIL: KMcELYEA@GRANDTRAVERSE.ORG

AGENDA ITEM

TO: ACME TOWNSHIP BOARD
FROM: KEVIN P. McELYEA, COUNTY DRAIN COMMISSIONER
FOR MEETING DATE: TUESDAY, OCTOBER 6, 2015
SUBJECT: MAINTENANCE OF DEEPWATER POINT #1 DRAIN

SUMMARY OF TOPIC:

Due to citizen's requests, certain maintenance is necessary to be performed on the Deepwater Point #1 County Drain, located on Dock Road in Acme Township.

BACKGROUND:

On September 24, 2015, a request for bids relative to proposed improvements and maintenance of the Deepwater Point #1 Drain was sent to area excavating contractors by the County Drain Commissioner's Office.

The bid opening is set for 4 pm on Friday October 9, 2015. The majority of the work proposed is to clean out and restore open ditches to their original elevations of 1987, in an area approximately 1,750 feet long, or 0.33 of a mile. There is a projected balance of \$33,000.00 currently held in the Drain Fund to pay for the work.

THE PROBLEM:

It is estimated that expenditures in excess of \$5,000.00 per mile of Drain are necessary, and pursuant to current law, those amounts may not be spent until approved by the Township. Again, the project costs will be paid for from existing Drain funds.

RECOMMENDATION

Approval of the attached resolution, for the reason that bids to be accepted on October 9 may exceed a cost of \$5,000.00 per mile of Drain in moving forward with the required maintenance work.

If you have any questions, comments, or concerns please do not hesitate to contact me.
--- Thank you!

**STATE OF MICHIGAN
COUNTY OF GRAND TRAVERSE
TOWNSHIP OF ACME**

RESOLUTION # 2015 -

DEEPWATER POINT DRAIN

WHEREAS, the Grand Traverse County Drain Commissioner has advised the Acme Township Board that certain maintenance is necessary to be performed on the Deepwater Point Drain; and

WHEREAS, the Grand Traverse County Drain Commissioner has authority to expend up to Five Thousand and no/100 Dollars (\$5,000.00) per mile of drain in any one year for the maintenance of the Drain, and where it is estimated that expenditures in excess of Five Thousand and no/100 Dollars (\$5,000.00) per mile of drain are necessary, those amounts may not be expended until approved by Resolution of the governing body of each township, city and village affected by more than twenty (20%) percent of the cost; and

WHEREAS, the Grand Traverse County Drain Commissioner has advised the Acme Township Board that it will be necessary to expend funds in excess of Five Thousand and no/100 Dollars (\$5,000.00) per mile of drain for the maintenance of the Deepwater Point Drain, and that the Township of Acme is affected by more than twenty (20%) percent of the cost; and

NOW, THEREFORE BE IT RESOLVED by the Acme Township Board, that pursuant to Section 196 of the Drain Code, the Grand Traverse County Drain Commissioner is authorized to expend money for the maintenance and repair of the Deepwater Point Drain in excess of Five Thousand and no/100 Dollars (\$5,000.00) per mile and, to the extent that the drain fund for the Drain contains insufficient funds for the payment of costs incurred for the maintenance or repair of the Drain, then the Grand Traverse County Drain Commissioner is authorized to levy a special assessment, as allowed by law.

RESOLUTION approved this ____ day of _____, 2015, by the Acme Township Board. **R 2015 -**

ACME TOWNSHIP

By: Jay B. Zollinger
Its: Supervisor

Yeas:
Nays:
Abstain:
Absent:

Resolution No.

I, the undersigned, being duly qualified and acting Clerk of the Township of Acme, do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by the Township Board for the Township of Acme at a regular meeting held on the _____ day of _____, 2015.

Cathy Dye, Clerk
Township of Acme

Date

ACME TOWNSHIP
Resolution of the Township Board of Trustees
STATE DISASTER CONTINGENCY FUND GRANT
Resolution No: R 2015-_____
October 6, 2015

WHEREAS, Acme Township, is a political subdivision within the Grand Traverse County, State of Michigan with an official Emergency Operations Plan in compliance with Section 19 of the Emergency Management Act, Act 390, Public Acts of 1976, as amended; and

WHEREAS, Acme Township sustained massive cleanup cost from the high winds brought on by the August 2, 2015 severe thunderstorms with straight line winds in excess of 100 miles per hour causing hundreds of trees to fall throughout the township parks and cemeteries.

WHEREAS, Saylor Park, Bayside Park and Deepwater Point Natural Area all have massive tree removal cost. Saylor Park, Pavilion #2 was completely destroyed and structural damage on Pavilion #3, picnic tables, roof damage on public bathroom facilities, benches, playground equipment, signs, and portions of fencing were destroyed or damaged from fallen trees. Saylor Park is now closed until further tree removal and clean up can be completed. Bayside Park, and Deepwater Point Natural Area also acquired massive fallen tree clean up expense.

WHEREAS, Yuba and Acme Cemeteries sustained massive tree removal cost.

WHEREAS, the Acme Township Board of Trustees certifies that the County/Municipal Emergency Operations Plan was implemented at the onset of the disaster on August 2, 2015 and all applicable disaster relief forces identified therein were exhausted; and

WHEREAS, as a direct result of the disaster expenditures were extraordinary and placed an unreasonably great financial burden on Acme Township totaling _____

NOW, THEREFORE, BE IT RESOLVED that the Acme Township Board of Trustees requests the Governor authorize a grant to the Township of Acme from the State Disaster Contingency Fund pursuant to Section 19, Public Act 390 of 1976, as amended.

FURTHERMOR, Cathy Dye, Clerk, is authorized to execute for and in behalf of Acme Township the application for financial assistance and to provide to the State any information required for that purpose.

Now therefore be it resolved that the Acme Township Board approves this action.

Township Board members present:

Absent: Zollinger

Upon roll call, the following vote was cast:

Aye:

Nay:

Abstaining:

Jay Zollinger, Supervisor

Cathy Dye, Clerk



STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

PROCLAMATION

DECLARATION OF DISASTER

WHEREAS, Section 1 of Article V of the Michigan Constitution of 1963 vests the executive power of the state of Michigan in the Governor; and

WHEREAS, under the Emergency Management Act, Act No. 390 of the Public Acts of 1976, as amended, MCL 30.401 to 30.421, the Governor is responsible for coping with dangers to this state or the people of this state presented by a disaster or emergency or threat thereof, and may issue executive orders, proclamations, and directives having the force and effect of law to implement the Act; and

WHEREAS, under Section 3 of the Emergency Management Act, 1976 Public Act 390, MCL 30.403, the Governor shall, by executive order or proclamation, declare a state of disaster if the Governor finds that a disaster has occurred or that the threat of a disaster exists; and

WHEREAS, on August 2, 2015, severe thunderstorms struck Grand Traverse County, Michigan, causing significant destruction and debris; and

WHEREAS, the area primarily affected is Grand Traverse County, including the city of Traverse City, and the townships of Acme, East Bay, Garfield, Long Lake, Peninsula, and Whitewater; and

WHEREAS, the storm caused widespread and severe damage to homes, public facilities and infrastructure, causing an immediate threat to public health and safety and disrupting vital community services; and

WHEREAS, the storm caused an extraordinary amount of debris, the removal of which is overwhelming local resources; and

WHEREAS, from August 2, 2015, to this date, the aforementioned jurisdiction has taken a number of actions to cope with the situation, including but not limited to, declaring a local state of emergency, activating the disaster response and recovery aspects of their emergency operations plan, marshaling required resources, and issuing emergency public information; and

WHEREAS, local resources have been insufficient to address the situation and the assistance of voluntary organizations and the state are required to protect public health, safety, and property, and to lessen or avert the threat of more severe and long lasting impacts to the community;

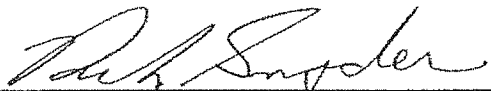
NOW, THEREFORE, I, RICHARD D. SNYDER, Governor of the state of Michigan, pursuant to the Constitution of the State of Michigan and provisions of Act No. 390 of the Public Acts of 1976, as amended, do hereby proclaim that a state of disaster exists in the aforementioned county and municipalities; and

FURTHER, the Emergency Management and Homeland Security Division of the Department of State Police shall coordinate and maximize all state efforts, and may call upon all state departments to utilize resources at their avail to assist in the disaster area pursuant to the Michigan Emergency Management Plan; and

FURTHER, termination of this disaster will occur at such time as the threats to public health, safety, and property caused by the disaster no longer exist and appropriate programs have been implemented to recover from the effects of this disaster, but in no case longer than September 7th, 2015, unless extended as provided by Act No. 390.

Given under my hand and the
Great Seal of the State of Michigan this
10th day of August in the Year of Our
Lord, Two Thousand Fifteen.




RICHARD D. SNYDER
GOVERNOR

BY THE GOVERNOR:


SECRETARY OF STATE

FILED WITH SECRETARY OF STATE

ON 8-10-15 AT 4:11pm

RECEIVED/FILED
MICHIGAN DEPT OF STATE

2015 AUG 14 PM 3:53

OFFICE OF THE GREAT SEAL

**STATE DIRECTOR OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY
AMENDMENT TO GOVERNOR'S PROCLAMATION OF STATE OF DISASTER**

WHEREAS, on August 10, 2015, the Governor declared a State of Disaster for the county of Grand Traverse due to severe thunderstorms, causing significant destruction and debris; and

WHEREAS, the county of Leelanau suffered similar damages and impacts from severe thunderstorms, causing significant destruction and debris; and

WHEREAS, the county of Leelanau declared a local State of Emergency and both counties activated the emergency response and recovery elements of their emergency operations plan to cope with the situation;

NOW, THEREFORE, I, CHRIS A. KELENSKE, as designee for the State Director of Emergency Management and Homeland Security, pursuant to the provisions of Section 407 of Act No. 390 of the Public Acts of 1976, as amended, do hereby, with the concurrence of the Governor, amend the State of Disaster declaration to include the county of Leelanau; and

FURTHERMORE, I certify that the emergency response and recovery elements of the Michigan Emergency Management Plan and the aforementioned local political subdivisions' emergency operations plans were activated in a timely manner to administer and manage this disaster; and

FURTHERMORE, the Emergency Management and Homeland Security Division of the Michigan State Police shall coordinate and maximize all state efforts, including such units and individuals of the Michigan National Guard which may be activated to state service to assist the local political subdivisions and may call upon all state departments to utilize resources at their avail to assist in the disaster area pursuant to the Michigan Emergency Management Plan; and

FURTHERMORE, termination of this disaster in the county of Leelanau will occur at such time as disaster conditions no longer exist and appropriate programs have been implemented to recover from the effects of this disaster, but in no case longer than September 7, 2015, unless extended as provided by Act No. 390, as amended.



STATE DIRECTOR OF EMERGENCY
MANAGEMENT AND HOMELAND SECURITY

Dated: August 14, 2015