

1. 8-21-19 Packet

Documents:

[8-21-19 PACKET.PDF](#)

2. Public Comment

Documents:

[PUBLIC COMMENT 8.21.2019.PDF](#)

GRAND TRAVERSE COUNTY BOARD OF COMMISSIONERS

Wednesday, August 21, 2019 @ 8:00 a.m.

Governmental Center, 2nd Floor Commission Chambers

400 Boardman, Traverse City, MI 49684

General Meeting Policies:

- ❖ Please turn off all cell phones or switch them to silent mode.
- ❖ Any person may make a video, audio or other record of this meeting. Standing equipment, cords, or portable microphones must be located so as not to block audience view.

If you need auxiliary aid assistance, contact 231-922-4760.

CALL TO ORDER:

1. OPENING CEREMONIES, EXERCISES, OR INVOCATION

(If the opening ceremonies include an invocation, the invocation should precede all other ceremonies, such as the singing of the National Anthem or Pledge of Allegiance, and shall be done in accordance with an invocation policy as adopted by the Board of Commissioners.)

2. ROLL CALL:

3. APPROVAL OF MINUTES:

(Reading aloud is waived as long as the Board has been furnished a copy in the packet prior to the meeting)

- a. Minutes of August 7, 2019 (Regular Meeting) 3

4. FIRST PUBLIC COMMENT

Any person shall be permitted to address a meeting of the Board of Commissioners which is required to be open to the public under the provisions of the Michigan Open Meetings Act. Public Comment shall be carried out in accordance with the following Board Rules and Procedures:

Any person wishing to address the Board shall state his or her name and address.

No person shall be allowed to speak more than once on the same matter, excluding time needed to answer Commissioners' questions, if any. The Chairperson shall control the amount of time each person shall be allowed to speak, which shall not exceed three (3) minutes. The Chairperson may, at his or her discretion, allow an additional opportunity or time to speak if determined germane and necessary to the discussion.

Public comment will be solicited during the two public comment periods noted in Rule 5.4, Order of Business. However, public comment may be received during the meeting when a specific agenda topic is scheduled for discussion by the Board. Prior to the first public comment, the Chairperson will indicate the topics on the agenda for which public comment will be accepted. Members of the public wishing to comment should raise their hand or pass a note to the clerk in order to be recognized, and shall not address the board until called upon by the chairperson. Please be respectful and refrain from personal or political attacks.

5. APPROVAL OF AGENDA

6. CONSENT CALENDAR:

The purpose of the Consent Calendar is to expedite business by grouping non-controversial items together to be dealt with by one Commission motion without discussion. Any member of the Commission, staff or the public may ask that any item on the Consent Calendar be removed and placed elsewhere on the agenda for full discussion. Such requests will be automatically respected.

If any item is not removed from the consent calendar, the action noted (receive & file or approval) is approved by a single Commission action adopting the consent calendar.

All Information identified on the Consent Calendar can be viewed in it's entirety at www.grandtraverse.org.

a.	Receive:	
1)	July 2019 Report from the GT Conservation District	9
b.	Approvals:	
1)	Child Care Fund Budget, Grand Traverse County 2019-2020	21
2)	July 2019 Claims	24
3)	FY2019 Budget Amendments	48
4)	Support of Application for Grant for Civic Center Master Planning	53
5)	Maintenance Renewal of the VMware Server Infrastructure	57
6)	Microsoft Windows Server & SQL Licenses	59
7)	2020 Census Resolution (Clous)	61
c.	Action:	
7.	SPECIAL ORDERS OF BUSINESS:	
8.	ITEMS REMOVED FROM CONSENT CALENDAR	
9.	DEPARTMENTAL ITEMS:	
a.	Finance:	
1)	Preliminary Review of Underfunded Status and Notice of Deficiencies	62
2)	Refunding GTC Building Authority Series 2012 Bonds	71
10.	UNFINISHED BUSINESS:	
a.	Resolution in Support of Line 5 Tunnel (Jewett)	87
b.	Drain Commissioner Opinion regarding Office	91
c.	Welding and Fabrication Bids	93
11.	NEW BUSINESS:	
12.	SECOND PUBLIC COMMENT (Refer to Rules under Public Comment/Input above.)	
13.	COMMISSIONER/DEPARTMENT REPORTS:	
14.	NOTICES: August 28 – Study Session (EDC and TIF 97) September 4 – Regular Meeting (MERS presentation) September 11 – Ethics Ad Hoc Committee @ 9:00 a.m.	
15.	CLOSED SESSION:	
16.	ADJOURNMENT	

GRAND TRAVERSE COUNTY
BOARD OF COMMISSIONERS

Regular Meeting
August 7, 2019

Chairman Hentschel called the meeting to order at 8:02 a.m. at the Governmental Center.

OPENING CEREMONIES, EXERCISES OR INVOCATION

An invocation was given by Matthew French, which was followed by the Pledge of Allegiance to the Flag of the United States of America.

PRESENT: Gordie LaPointe, Ron Clous, Brad Jewett, Betsy Coffia and Rob Hentschel

EXCUSED: Addison Wheelock, Jr. and Bryce Hundley

APPROVAL OF MINUTES

Minutes of July 17, 2019 Regular Meeting

Minutes of July 24, 2019 Study Session

Moved by Jewett, seconded by LaPointe to approve the minutes listed above. Motion carried.

PUBLIC COMMENT

The following people addressed the Commissioners during Public Comment:

**Brenda Rush
David Petrove
Stan Verheul
Emily Magner
Bruce Moore
Anna Norris
Kyle Jasper
Roberta Meserve
Rick Brown
Kelly Thayer
Tom Mair
Amy Yee
Ann Rogers
Marty Alvarez
Holly Bird
Kate Dahlstrom
Nick Beadleston
Jay Prange
Lynn Larson
Thomas Peters
Autumn Sleder**

APPROVAL OF AGENDA

Remove 11c, Census Resolution and 11d, Line 5 Resolution.

Moved by Clous, seconded by Coffia to approve the agenda minus items 11c and 11d.
Motion carried.

Commissioners took a break at 8:59 a.m.
Commissioners returned to regular session at 9:08 a.m.

CONSENT CALENDAR

The purpose of the Consent Calendar is to expedite business by grouping non-controversial items together to be dealt with by one Commission motion without discussion. Any member of the Commission, staff or the public may ask that any item on the Consent Calendar be removed and placed elsewhere on the agenda for full discussion. Such requests will be automatically respected.

If any item is not removed from the consent calendar, the action noted (receive & file or approval) is approved by a single Commission action adopting the consent calendar. All Information identified on the Consent Calendar can be viewed in its entirety at www.grandtraverse.org

A. RECEIVE AND FILE

1. County Treasurer's 2nd Quarter Investment Report
2. Department of Health and Human Services minutes of May 29, 2019
3. Department of Health and Human Services minutes of June 25, 2019
4. Employee Recognition – 2nd Quarter 2019 – *Removed from calendar.*

B. APPROVALS

1. Resolution 108-2019
Boards and Committees
Jury Board
Appointment
2. Resolution 109-2019
Health Department
Munson Medical Center
Healthy Futures RN Care Coordination Services
3. Phone/Local/Long Distance Service Contract – *Removed from calendar.*

4. Resolution 110-2019
Commission on Aging
Cherry One Transportation, LLC
Ride on Taxi, LLC
Transportation Contracts
5. Resolution 111-2019
Boards and Committees
911 Central Dispatch Board of Directors
Appointments
6. MERS Annual Actuarial Valuation Report – *Removed from calendar.*

ACTION ON THE CONSENT CALENDAR

After the County Clerk read the Consent Calendar for the record, the following items were removed:

b-3	Page 32	By LaPointe
b-6	Page 53	By LaPointe
a-4	Page 17	By Coffia

Moved by Coffia, seconded by Clous to approve the Consent Calendar minus items a-4, b-3, and b-6.

Roll Call Vote: Yes 5, Excused 2

SPECIAL ORDERS OF BUSINESS

- a. **Networks Northwest Annual Report Presentation**
Matt McCauley gave the annual Networks Northwest Report Presentation.

ITEMS REMOVED FROM CONSENT CALENDAR

a-4 Employee Recognition – 2nd Quarter 2019

Commissioner Coffia read the names of the employees being recognized the 2nd quarter of 2019.

Moved by Coffia, seconded by Jewett to Receive and File a-4, Employee Recognition, 2nd Quarter 2019. Motion carried.

b-3 Phone Local/Long Distance Service Contract

Ming Mays, IT Director, explained request and answered Commissioners' questions.

Resolution 112-2019
IT
AT&T
Phone Local/Long Distance Service Contract

Moved by LaPointe, seconded by Jewett to approve Resolution 112-2019. Motion carried.

b-6 MERS Annual Actuarial Valuation Report

Moved by Coffia, seconded by Jewett to move the discussion of the MERS Annual Actuarial Valuation Report to a future meeting that a representative from MERS can attend to answer questions. Motion carried.

DEPARTMENT ACTION ITEMS

a. Administration

- 1) Letter to Grand Traverse Band Requesting to Open Discussions about 2% Disbursements

Moved by Hentschel, seconded by Clous to direct staff to send a letter to the Grand Traverse Band requesting to enter into discussions about the way 2% funds are distributed and to request the GT Band bring forth any other agreements with the County that we may be handling differently that they think we should. Motion carried.

Moved by LaPointe, seconded by Jewett that until something changes between the County Board and the Tribe's current 2% Funds Allocation agreement, we will retain the status quo for 2% funds allocation process for the upcoming grant cycle.

Roll Call Vote: Yes 3, No 2

Nay: Clous and Hentschel

Motion failed**

** According to legal counsel, the action must pass by a majority of members elected and serving which would be 4 affirmative votes.

Commissioners took a break at 10:02 a.m.

Commissioners returned to regular session at 10:12 a.m.

UNFINISHED BUSINESS

a. Drain Commission Update

Steve Largent, Drain Commissioner, gave an update on the status of the County drains.

NEW BUSINESS

Chairman Hentschel requested that they move discussion of the DARE car up on the agenda business because Mr. Moody needed to leave soon.

a. DARE Car

Wayne Moody, Director of NMC Automotive Program explained the request to use the old DARE vehicle at events to promote the DARE program.

Mike Shay, Undersheriff, indicated that since the DARE program is no longer active, the Sheriff would like "Grand Traverse County" wording removed from the vehicle.

Moved by Hentschel, seconded by LaPointe to direct staff to execute an agreement with NMC automotive program for the services of displaying the vehicle at events and parades to promote the DARE message in exchange for possession of the car contingent on there being no objection from the Sheriff before the October meeting. Motion carried.

b. 2018 Audit Presentation

Peter Haefner, Vredeveld Haefner LLC, gave a brief highlight of the 2018 audit and answered Commissioners questions.

c. United States Census Resolution – removed from agenda.

d. Enbridge Line 5 Resolution – removed from agenda.

PUBLIC COMMENT

None

COMMISSIONER/DEPARTMENT REPORTS

Commissioners gave updates on meetings and events they attended.

NOTICES

August 14 – Ethics Ad Hoc Committee meeting at 9:00 a.m.

August 18-20, 2019 – MAC Annual Conference

August 21, 2019 regular session

August 28, 2019 Study Session – Economic Development Corporation and TIF 97

CLOSED SESSION

Marilyn Palmer Jail Suicide Incident

Moved by Clous, seconded by Coffia to go into closed session at 11:24 a.m. to consider a written legal opinion protected from disclosure under the attorney-client privilege related to the Marilyn Palmer Jail suicide incident at permitted under MCL 15.268(h)

Roll Call Vote: Yes 5, Excused 2

Moved by Jewett, seconded by Coffia to return to regular session at 11:48 a.m.

Marilyn Palmer Jail Suicide Settlement

Moved by Jewett, seconded by Coffia to accept the settlement offer as recommended by counsel in closed session.

Roll Call Vote: Yes 5, Excused 2

Meeting adjourned at 11:50 a.m.

Bonnie Scheele, County Clerk

Rob Hentschel, Chairman

APPROVED: _____
(Date) (Initials)

DRAFT



Grand Traverse Conservation District
July 2019 Report

CONSERVATION TEAM

OWNER/PARKLAND: City of Traverse City – Brown Bridge Quiet Area

Administration

- Prepared and distributed draft meeting minutes from the June 20th Annual Potluck and Ribbon Cutting.
- Revised Bulleted Rules for Brown Bridge based on BBAC feedback.
- Met with the City Planner and Assistant Planner regarding a draft riparian buffer zone ordinance.

Routine Monitoring and Maintenance

- Performed routine trailhead/parking lot inspections to refill dog waste bags and pick up trash
- Fixed broken boardwalk sections along Grasshopper loop
- Cleaned, swept, and re-stocked outhouses on a weekly basis.
- Mowed sections of trail and trailheads, as needed.

Grants

- **USFWS/EQIP:** Contacted local loggers and others in search of large wood for instream habitat.

Other

- Co-led a hike with regional NRCS staff to discuss EQIP-funded projects and the dam removal project
- Coordinated crew members of the Northwest Michigan Invasive Species Network on the hand-pulling of spotted knapweed within the bottomlands
- Ordered 5000 copies of the recently revised/updated Trail Guides that reflects changes in the trail system at Brown Bridge Quiet Area
- Solicited bids for updating kiosk posters, trail intersect maps, and BBQA Trail Brochure
- Removed dimension lumber from the river that was caught up on the riverbank within the BBQA.
- Installed a plaque on the bench near the Grasshopper footbridge that represents donation efforts made by Harvey Calcutt
- Met with engineer re: ADA accessible trail from Buck's Landing to Brown's Bridge.

OWNER/PARKLAND: Garfield Township – Various

Administration

- Corresponded with property owners adjacent to the Commons Natural Area to determine ways to discourage user access



- Acquired information and bids on solar aeration systems to install at Oleson Pond to increase quality of aquatic habitat for the pond
- Processed billing and invoices
- Prepared navigational trail maps and signage for park users

Routine Monitoring and Maintenance

- Performed routine trailhead/parking lot inspections to refill dog waste bags and pick up trash
- Treated plants within ADA gravel trails with herbicide solution
- Mowed trails and cut back encroaching woody plants at all Garfield parks during high growth season
- Replaced footbridge railings on downstream Miller Creek crossing at Miller Creek Nature Reserve
- Installed additional (temporary) trail navigational signage on Miller Creek Nature Reserve to indicate newest trail sections on west side of property
- Repaired upheaved boardwalk at Miller Creek Nature Reserve by means cutting a falling tree by chainsaw
- Sprayed poison ivy along trails at Miller Creek Nature Reserve and Silver Lake Recreation Area to deter user contact
- Sprayed crush gravel trail at Kids Creek Park to control weed encroachment
- Painted entry display, routed signs, and information stations at Silver Lake Recreation Area
- Cleared trees by chainsaw along trails at the Commons Natural Area
- Continued covering graffiti at undesired locations of the Commons
- Posted 'Private Property Ahead' signs along the NW property boundary of the Commons
- Contracted YouthWorks of Child and Family Services to remove invasive aquatic vegetation from Oleson Pond at Kids Creek Park
- Monitored spring plantings at Silver lake Recreation Area and Kids Creek Park

Other

- Ordered 5000 copies of the recently revised/updated Trail Guides that reflects changes in the trail system at all GTCD-managed Garfield Township parklands
- Provided bio-control efforts for purple loosestrife through the release of the Galerucella leaf-eating beetle at Kids Creek Park and Silver Lake Recreation Area

OWNER/PARKLAND: Grand Traverse County – Natural Education Reserve

Administration

- Met with Job Site Services staff person Chris Martin regarding final restoration details at the Sabin dam removal job-trailer site.
- Prepared a draft list of Environmental Quality Improvement Projects (EQIP) for the Boardman & Sabin bottomlands. Met with the Director of Parks & Recreation and Finance Director regarding the same.

Routine Monitoring and Maintenance

- Performed routine trailhead/parking lot inspections to refill dog waste bags and pick up trash



- Mowed and pruned along trails during high growth season
- Conducted routine checks on the Beitner Park bathroom and cleaned as necessary. It was a mess after the July 4th holiday.
- Trimmed tree with extension saw at Keystone Rapids Trailhead
- Replaced/repaired fencing rails as necessary
- Sprayed poison ivy along trail sides to deter user contact and exposure
- Monitored Sabin and Boardman bottomland restoration efforts and maintained as necessary

Grants

- **EQIP:** Met with DJ Shook of NRCS/GTB to assess “herbaceous weed control” of Block B allowing it to become Certified and ready for payment to the County.
- **USFS/GLRI:** Submitted Interim & Financial Reports for the stormwater reduction project titled “Bottomlands Revegetation Post-Dam Removal – Boardman River”
- **CRA/GLRI:** Prepared an agreement between the Conservation Resource Alliance (CRA) and Grand Traverse Conservation District to administer and oversee the restoration of 10 erosion sites along the new section of the Boardman River at the Natural Education Reserve. The proposed restoration is part of the overall dam removal project using funds that were earmarked for that purpose through CRA.

Other

- Ordered and installed an access gate for the Beaver Pond Trailhead to block unwanted vehicles from entering the Sabin dam removal project area once Job Site Services completed restoration and left the job site.
- Assisted Stream Mechanics et al with monitoring efforts by taking the lead on the riparian vegetation monitoring portion
- Ordered 5000 copies of the recently revised/updated Trail Guides that reflects changes in the trail system on the Natural Education Reserve
- Coordinated the installation of a vault toilet building at the new landing off Cass Road through Boardman River Clean Sweep and the MDNR.
- Met onsite with Sandy and Max Bromley to discuss location of memorial bench honoring her father, a former Traverse City Police Captain. The bench was soon after installed.
- Repaired damaged bench due to vandalism installed at new landing in honor of Dr. Norm Fred
- Coordinated Wildlife and Wetland Solutions on the treatment of invasive plants within the Boardman bottomlands (work is being conducted through a contract between WWS and CRA).
- Planted willow stakes along sensitive riverbanks just downstream of Robbins Bridge on Cass Rd.
- Coordinated the delivery of large habitat wood within the Boardman bottomlands.
- Continued planning and construction efforts along the Boardman River Trail that transects the NER property
- Developed and posted additional WARNING signs at Beitner Landing to caution paddlers of rapids and obstacles downstream

OWNER/PARKLAND: Recreational Authority – Hickory Meadows**Administration**

- Prepared draft agenda for the monthly Hickory Meadows Advisory Committee (HMAC) meeting
- Corresponded with City Engineer Tim Lodge and City Parks and Rec Superintendent Derek Melville on follow-up items post Hickory Hills developments
- Processed bills & invoices for the Rec Authority's fiscal year end
- Provided a quarterly report for Rec Authority review which entailed trail counter data analysis and photo documentation of projects
- Met Angie Lucas, GTRLC Senior Land Steward, at the Meadows to discuss opportunities regarding potential grassland restoration projects

Routine Monitoring and Maintenance

- Performed routine trailhead/parking lot inspections to refill dog waste bags and pick up trash
- Mowed and pruned trails as necessary during high growth season
- Downloaded trail counter data monthly
- Collected user survey data as necessary
- Monitored newly installed tree and shrub plantings along buffer and set-up water bags for watering needs
- Monitored storm water drainage during and after rain events
- Repaired eroded entry at the M-72 Trailhead from E. Traverse Highway
- Sprayed crush gravel trail to control weed encroachment
- Sprayed poison ivy along trail sides to prevent potential contact to users
- Posted updated maps at trailhead information stations

Other

- Ordered 5000 copies of the recently revised/updated Trail Guides that reflects changes in the trail system at Hickory Meadows
- Contracted Wildlife and Wetland Solutions for herbaceous invasive species control treatments in open meadows and other priority areas
- Assisted in coordination of a scheduled watering plan for the recently planted buffer through summer with support from the HMAC and volunteers and responded to needs as necessary
- Set-up and purchase watering gator bags around trees last planted year on the West Bay Front property for continued watering during growing season

OWNER/PARKLAND: Rotary Camps & Services – East Creek Reserve & Canterbury Woods**Administration**

- Spoke with person regarding land use history of the Canterbury Woods property related to its possible sale.

Routine Monitoring and Maintenance

- Monitored trailheads and picked up trash
- Conducted routine drive-thru inspections.

Grants

- Inspected plantings installed through MDNR Habitat grant as required by the grant.

Other

- Ordered 5000 copies of the recently revised/updated Trail Guides that include East Creek Reserve

BOARDMAN RIVER STEWARDSHIP

- Cleared down tree blocking the river just above Garfield Road and downstream of Brown Bridge prior to the July 4th holiday weekend.
- Met with a local engineering firm regarding best practices along the banks of Boardman Lake.
- Responded to a report of an “oil sheen” along the new section of river at the Natural Education Reserve. The oil sheen turned out to be a natural occurring bacterium that is often mistaken as petroleum based.
- Spoke with several people over the course of the month asking about river conditions and whether the river was open through the dam removal project area.
- Met with the Brook Trout Coalition and the Adams Chapter of Trout Unlimited regarding a public forum that is planned for August 28th at the Traverse City Public Library.
- Continued to coordinate the restoration of 10 erosion sites at the Natural Education Reserve in partnership with Conservation Resource Alliance.
- Assisted with the planning and participated in the International Joint Commission (IJC) paddle through the new section of the Boardman River at Sabin.
- Participated in a Panel Discussion regarding Natural Resource careers for the Summer Nature Day Campers at the Boardman River Nature Center
- Responded to a call regarding Swainston’s Creek flowing out of its banks where it shouldn’t be flowing. Logging activities and cattle in the creek were the primary reason. Michigan Department of Agriculture and Rural Development (MDARD) are working with the upstream property owner to remedy the situation.
- Participated in a Natural Resource and Conservation Service (NRCS) Leadership Tour of NRCS assisted projects along the Boardman River.



- Gave a group of 26 Au Sable Institute students a tour and talk regarding the Sabin dam removal project.
-

ENVIRONMENTAL EDUCATION

Nature Center Visitation this Month: 1,493
Program Participants this month: 1,024
Drop ins this month: 469
Nature Center Visitation this year: 5,721

Nature Center Visitation July 2018: 1,163
Program Participants July 2018: 884
Drop-in July 2018: 279
Nature Center Visitation since 2008: 91,343

Program Participation & Program Planning:

- The Boardman River Nature Center's nature day camp served nearly 860 camper days during the month of July. This is a 23% growth over July 2018.
 - Completed 2019 State of Michigan Day Camp License audit with our inspector.
 - Created new fall program at the Boardman River Nature Center for early learners. It is a one-hour nature-based program for children aged 0-4-year old and their adults.
 - Working with Great Start to Quality for nature-based provider trainings at the Boardman River Nature Center.
-

FORESTRY ASSISTANCE PROGRAM (FAP)

On-Site Visits:

Leelanau County

1. Houdek Dunes, 1 ac. Leelanau Twp.
2. Abbot, 7 acs., Leelanau Twp.
3. Tombaugh, 12 acs., Leelanau Twp.
4. Camp, 45 acs., Kasson Twp.
5. Human Nature School, 144 acs., Solon Twp.
6. Murie, 12 acs., Kasson Twp.
7. Frederick, 60 acs., Cleveland Twp.
8. Stamaris, 1 ac., Elmwood Twp.
9. Scripps, 1 ac. Leelanau Twp.
10. Miller, 1 ac., Leland Twp.
11. Smith, 12 acs., Centerville Twp.
12. Reed/Loveless, 10 acs., Leelanau Twp.
13. Edgley/Bosco, 4 acs., Leelanau Twp.
14. Topol, 1 ac., Elmwood Twp.
15. Fountain Point, 57 acs., Leland Twp.
16. Glowick, 1 ac., Suttons Bay Twp.



17. Sutfin, 1 ac., Cleveland Twp.
18. Blount, 25 acs., Leelanau Twp.
19. Kennedy, 1 ac., Leelanau Twp.

Grand Traverse County

1. Parmer, 10 acs., Peninsula Twp.
2. Reeser, 1 ac., East Bay Twp.
3. Lundquist, 35 acs., Whitewater Twp.
4. Gremel, 2 acs., East Bay Twp.
5. Greise, 8 acs., Green Lake Twp.
6. Buday, 10 acs., Long Lake Twp.
7. Edmonds, 1 ac., East Bay Twp.
8. Grace MacDonald Park, 5 ac., East Bay Twp.

Benzie County

1. Hill, 20 acs., Weldon Twp.
2. Burguard, 1 ac., Platte Twp.
3. Case, 20 acs., Homestead Twp.
4. Blazejewski, 2 acs., Bezonia Twp.

Written Forest Management Recommendations: 3 **QFP Verifications:** 0 **MAEAP/FWH Verifications:** 0

FAP Referrals to Private Sector: 11 **FAP Referrals to Public Sector:** 2

In-office Contacts: 48 landowners
foresters **Follow-up Contacts:** 57 landowners/qualified

FAP Promotion/Program Development:

1. Forest Health Presentation to Omena Woods Association meeting (47 in attendance)
 2. Meeting with Vic Lane (GTRLC) and Josh Shields re: new conservancy forest management program
 3. Picked up donated forestry and soils books from NMC librarian.
 4. Completed MAEAP FWH and Tree Farm applications for Rich Brauer on 288 acs., in Benzie County.
 5. Coordinate schedules/work responsibilities with Maddy Baroli, summer intern.
 6. Planning for Leelanau Day of Planting/Forestry Field Day – Saturday, Oct. 12, 9am- 12:30 pm
-

Produce Safety:

ORGANIZATIONAL

- Volunteered to be a part of Manure Index Evaluation Project

PRODUCE SAFETY AND FSMA

- Total farm visits: 2, Follow-up visits: 1
- 1 PSRA; 1 OFRR
- Total completed PSRA Certificates to date: 2
- Farm Referrals by County to Date:

Manistee	3
Benzie	2
Grand Traverse	5
Leelanau	12
Antrim	5

- Total farm contacts: 255
- Meeting with Madi Smeltzer from Wilbur Ellis to discuss Farm Safety Day event
- Continued development of Produce Safety Plan
- Constructed 'musts' of FSMA PSR with other Tech.
- Developed FSMA PSR exemption guideline for processors and growers
- Farms, Foods & Health Conference Presentation preparation
- Grow Benzie Food Safety Presentation preparation and coordination
- Began On-Farm Readiness Reviews in service area
- Mailings to grower contacts in service area

Important Past & Upcoming Events in 2019 (all locations are Michigan unless otherwise noted, this is not the extensive list for year):

- *Northern Michigan Small Farm Conference 1/24/19-1/25/19*
 - *Outreach and education*
- *Kalamazoo OFRR Training 2/12/19-2/13/19*
- *Tree Planting Workshop 2/21/19*
- *Reisters Winter Growers Meeting Traverse City 2/28/19*
- *Water Wells and Water Fundamentals Training E. Lansing 3/1/2019*
- *Hops and Barley Conference Traverse City 3/2/19*
- *MCD Watershed Meeting 3/6/19*
- *PSA Training Fremont 3/14/19*
- *PSA Training Traverse City 3/15/19*
- *MCD Seed Swap and Annual Meeting 3/16/19*
- *CHARLESTON, SC PSA Train-the-trainer required for Produce Safety Techs 3/20/19-3/23/19*
- *Cornell Online GAP Course required for Produce Safety Techs 4/3/19 (3-week course)*
- *Benzie-Manistee Horticultural Society presents Looking Beneath the Canopy 4/10/19*
- *MCD Tree Sale week of 4/15, sale dates 4/19-4/20*
- *Food Safety Plan Writing Workshop hosting with Mary McGraw 4/26/19*



- *HAMMOND, LA OFRR required training for Produce Safety Techs 4/30/19-5/2/19*
- *Produce Safety Focus Group PSR Worker Training 5/6/19- cancelled*
- *MSU Extension IPM Updates GT, Leelanau, Antrim and Benzie Bi-weekly 5/7/19-6/26/19*
- *NCR FSMA Annual Conference 6/9/19-6/11/19*
- *PSRA Shadowing Victoria Toney 6/12/19*
- *MCD Native Plant Sale 6/14/19*
- *PSA Recap and OFRR Kickoff Meeting Mackinaw City 6/21/19*
- *OFF June 27th and 28th*
- *OFRR Season June-October*
- *OFF July 5th*
- *P45 V&W Biodynamic Farming & Composting in the Vineyard 7/12/19 (tentative)*
- *OFF July 20th - July 29th*
- *Soil Health Field Day, Lott Seed Potato Farm 7/25/19 (cannot attend but will provide materials)*
- *Michigan Agriculture and Environmental Education Workshop for Educators Novi 8/5/19*
- *MCD Household Hazardous Waste Collection 8/17/19*
- *NWMHRC 40th Anniversary Celebration 8/23/19*
- *Demonstration at Farm Field Safety Day 9/12/19*
- *Presenting on Produce Safety with Grow Benzie 9/20/19*
- *Farms, Food & Health Conference Panel Discussion/Presentation on Empowered Advocacy of Food Safety 9/28/19*
- *ST. PAUL, MN NCR Training Blastoff II 10/9/19-10/11/19*
- *MACD Fall Conference 10/28/19-10/30/19*
- *GLEXP0 Conference 12/10/19-12/12/19*

MICHIGAN AGRICULTURE ENVIRONMENTAL ASSURANCE PROGRAM (MAEAP)

Farm Visits: 6 (Antrim/Grand Traverse), 11 (Benzie/Leelanau)

Risk Assessments Completed: 5 (Antrim/Grand Traverse), 8 (Benzie/Leelanau)

Farms Verified: 1

Updates:

- 7/2: Grand Traverse County Verification
- 7/2: Leelanau Conservation District Board Meeting
- 7/8: Verifier/MAEAP Technician Consistency Training in Hart, MI
- 7/9: Progressive Agriculture and Farm Safety Day planning meeting
- 7/10-7/11: NRCS Pest Management Track 2 Part 2 Training (Parker Ameal)
- 7/12: Freshwater Roundtable Meeting



- 7/16: Nature Day Camp Conservation Panel
- 7/24: Incubator Farm brainstorming session
- 7/25: Soil Health Field Day in Kalkaska County
- 7/25-7/26: Crop*A*Syst Training (Parker Ameal)
- 7/29-7/31: NRCS Advanced Soil Health Training (Lauren Silver)

Current Projects:

- Working with:
 - 9 Farms in Antrim
 - 18 Farms in Grand Traverse
 - 20 Farms in Leelanau
 - 10 Farms in Benzie
- Promoting 2019 Cost share opportunities to growers in our four-county service area.
- Collaborating with NRCS to get NRCS EQIP applications funded.
- Working towards completing 2019 reverifications
- Serving on Freshwater Roundtable to plan 2019 Freshwater Summit.
- Researching options for pesticide/fertilizer cardboard recycling.
- Planning large equipment/tractor tire recycling event for September 2019.
- Partnering with Oryana to put MAEAP public messaging in store highlighting farm providers that are MAEAP verified.
- Maintaining 2019 Agrichemical Container Recycling Program.
- Planning Forest, Wetland, and Habitat MAEAP Phase 1 field day.
- Collaborating with NutrienAg Solutions on Progressive Agriculture and Farm Safety Day.
- Preparing for Michigan Farm Bureau Natural and Environmental Resources Advisory Council Presentation.
- Researching opportunities and potential feasibility of Incubator Farm Project.

Upcoming Events:

- 8/6: Leelanau Conservation District Board Meeting
 - 8/8: MAEAP Grant Level II Request Submission (Lauren Silver)
 - 8/9: Freshwater Roundtable Meeting
 - 8/9: Incubator Farm Team Meeting
 - 8/15: Benzie Conservation District Board Meeting
 - 8/15: Grand Traverse Local Emergency Planning Committee Meeting
 - 8/20: MAEAP Communications Brainstorming Session
 - 8/21: Antrim Conservation District Board Meeting
 - 8/22: MACD Regional Meeting
 - 8/23: Northwest Michigan Horticultural Research Station 40th Anniversary Celebration
 - 8/26: Northwest Michigan County Farm Bureau Board Meeting
 - 8/27: Agrichemical Container Recycling Collection
 - 8/27: Presentation to Michigan Farm Bureau Natural and Environmental Resources Advisory Council
-

NORTHWEST MICHIGAN INVASIVE SPECIES NETWORK (ISN)**Public Inquiry Responses: 56****Active Contacts: 249****Passive Contacts: 18,531****Acres Surveyed: 1,135****Sites Surveyed: 77****Acres Treated: 627.5****Sites Treated: 59 +3 purple loosestrife site****Volunteer Hours: 38****Volunteers: 19****Meetings/Presentations:**

- 7/16 - "Attended" Michigan Invasive Species Grant Program (MISGP) webinars, Parts 1 & 2
- 7/17 - "Attended" North American Invasive Species Managers Association (NAISMA) webinar
- 7/18 - Presented garlic mustard papermaking at GTCD Summer Camp; 30 kids
- 7/18 - Participated in Michigan Invasive Species Coalition (MISC) Annual Meeting conference call
- 7/23 - Presented on ISN/knotweed/GIS; 7 attendees
- 7/24 - Presented brief ISN overview to International Joint Commission; 25 people

Treatments, Restoration, and Surveys:

- 7/2 - Released purple loosestrife beetles at Little Traverse Lake (Leelanau), Spider Lake (GT), and Honor (Benzie)
- 7/8 - Conducted GT site visit (Arbutus Park #5); 2 acres, 2 contacts
- Surveyed inland lakes for Phragmites; 11 sites, 21 acres
- Visited East Middle School native gardens; 0.25 acres, 1 contacts
- Completed Phragmites Adaptive Management Framework (PAMF) monitoring; 1 acre
- **Early Detection Response: Chinese yam confirmed** (GT County); further surveys next
- "New" species finally officially reported to Herbarium: common teasel
- Pulled/sprayed swallow-wort: 14 sites, 12 acres
- Conducted landowner site visits: 1 sites, 1 acres, 2 contacts
- Conducted knotweed site visits: 1 sites, 1.5 acres
- Conducted Phragmites site visits: 1 site, 0.25 acres
- Treated knotweed: 24 sites, 5 acres
- Sprayed 56 acres, 2 sites of baby's breath
- Pulled 374 acres, 4 sites of baby's breath
- Treated 1 site, 2 acres bittersweet
- Controlled other invasives: 10 sites, 156.5 acres
- Contract treatments: 1 site, 5 acres

Other Accomplishments:

- 7/1-7/5 - AIS Awareness Week (online participation)
- Submitted USFS Cooperative Weed Management Area Semi Annual Report
- Designed flyer for Seed Libraries
- Facebook reach: 8,286



- Website reach: 6,836
- Instagram reach: 2,996
- June 2019 eNews: 595 opens

Upcoming Events:

- Additional ISN events scheduled: www.habitatmatters.org/eventsworkbees

Acronyms and Abbreviations

AECOM	Boardman River Dams Project Engineers
BBAC	Brown Bridge Advisory Committee
BRNC	Boardman River Nature Center
CRA	Conservation Resource Alliance
DDA	Downtown Development Authority
DNR	Department of Natural Resources
ECR	East Creek Reserve
EPA	Environmental Protection Agency
EQIP	Environmental Quality Incentive Program
GBB	Go Beyond Beauty
GIS	Geographic Information System
GLRI	Great Lakes Restoration Initiative
GM	Garlic mustard
GTCD	Grand Traverse Conservation District
HMAC	Hickory Meadows Advisory Committee
ISN	Invasive Species Network
JB	Japanese barberry
MACD	Michigan Association of Conservation Districts
MAEAP	Michigan Agriculture Environmental Assurance Program
MDARD	Michigan Department of Agriculture & Rural Development
MISC	Michigan Invasive Species Coalition
MNLA	Michigan Nursery & Landscape Association
NER	Natural Education Reserve
NMC	Northwestern Michigan College
NRCS	Natural Resources Conservation Service
NWMFFN	Northwest Michigan Food and Farming Network
NWISN	Northwest Michigan Invasive Species Network
OB	Oriental Bittersweet
USFWS	United State Fish & Wildlife Service
SEEDS	501(c)3 nonprofit organization
SFP	Safe Food Program
Tx	Treatment



Action Request

Meeting Date:	August 21, 2019		
Department:	Circuit Court, Family Division	Submitted By:	Kris Randall
Contact E-Mail:	krandall@grandtraverse.org	Contact Telephone:	922-6874
Agenda Item Title:	Child Care Fund, Grand Traverse County 2019-2020		
Estimated Time:	5	Laptop Presentation:	☐ Yes ☒ No
	(in minutes)		

Summary of Request:

Review and approval of the 2019-2020 Child Care Fund Budget with authorization of the board chair to sign approval on behalf of the Grand Traverse County Board of Commissioners.

Authorize the board chair to approve and sign amendments for re-allocation of approved funds in the 2019-2020 Child Care Fund Budget which comply with the policy for allocation of funds for Grand Traverse County but require approval per the policy of the Michigan Department of Health and Human Services.

Authorization to expend funds subsequent to January 1, 2020 that are subject to formal approval and adoption of the 2020 county budget.

Suggested Motion:

The Child Care Fund Budget for Grand Traverse County for October 1, 2019 - September 30, 2020 be approved and authorization is granted to the board chair to sign and approve said budget and also approve re-allocation of approved child care fund monies for continuation of necessary services in the Family Division of the 13th Circuit Court, Grand Traverse County.

Financial Information:

Total Cost:	\$1,260,456.23	General Fund Cost:		Included in budget:	☒ Yes ☐ No
-------------	----------------	--------------------	--	---------------------	---

If not included in budget, recommended funding source:

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director		
Human Resources Director		
Civil Counsel		
Administration:	☐ Recommended	Date:
Miscellaneous:		

Attachments:

Attachment Titles:
2019-2020 Child Care Fund Budget, Grand Traverse County

R E S O L U T I O N

XX-2019

Child Care Fund, Grand Traverse County 2019-2020

WHEREAS, the Grand Traverse County Board of Commissioners met in regular session on August 21, 2019 and reviewed a request to approve the Child Care Fund budget for 2019-2020 as presented by Circuit Court, Family Division; and,

WHEREAS, The Child Care Fund budget is for the period October 1, 2019 through September 30, 2020, and amendments for reallocation of approved funds which comply with the policy for allocation of funds for Grand Traverse County, also require approval per the policy of the Michigan Department of Health & Human Service; and,

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS, THAT Grand Traverse County approves Child Care Fund Budget for Grand Traverse County as presented for October 1, 2019 through September 30, 2020 as well as re-allocation of the of the approved child care fund monies for the continuation of necessary services in the Family Division of the 13th Circuit Court.

BE IT FURTHER RESOLVED THAT, the Board of Commissioners authorizes the Board Chair or County Administrator to effectuate the necessary documents to implement the Board authorized action.

APPROVED: August 21, 2019

County Child Care Budget Summary (DHS-2091)
Michigan Department of Health and Human Services (MDHHS)
Children's Services Agency
Grand Traverse County for October 1, 2019 through September 30, 2020

Organization	Court Contact Person	Telephone Number	Email Address
Grand Traverse County	Kris Randall - CCF Organization Management		krandall@grandtraverse.org
Fiscal Year	MDHHS Contact Person	Telephone Number	Email Address
October 1, 2019 through September 30, 2020	Melinda Gubbins - CCF Organization Management	(231) 342-5191	gubbinsm@michigan.gov

Cost Sharing Ratios	County 50% / State 50%	Anticipated Expenditures		
		MDHHS	Court	Combined
A. Out of Home Care - Juvenile Justice		\$0.00	\$620,000.00	\$620,000.00
B. In-Home Care		\$18,000.00	\$762,456.23	\$780,456.23
C. County/Court-Operated Facilities		\$0.00	\$0.00	\$0.00
D. Subtotals (A+B+C)		\$18,000.00	\$1,382,456.23	\$1,400,456.23
E. Revenue		\$0.00	\$140,000.00	\$140,000.00
F. Net Expenditure		\$18,000.00	\$1,242,456.23	\$1,260,456.23

Cost Sharing Ratios	County 50% / State 50%	Anticipated Expenditures		
		MDHHS	Court	Combined
A. Out of Home Care - Neglect Abuse		\$0.00	\$227,000.00	\$227,000.00
Please Note: The <i>Neglect/Abuse Out-of-Home Care</i> amount reflects ONLY the county court's share of these expenditures. Effective October 2019 the State of Michigan pays 100% of Neglect/Abuse Out-of-Home placements and the county then reimburses the state 50%.				

Cost Sharing Ratios	County 0% / State 100%	Court	Combined
Foster Care During Release Appeal Period		\$0.00	\$0.00

Cost Sharing Ratios	County 0% / State 100% \$15,000.00 Maximum	MDHHS	Court	Combined
Basic Grant		\$0.00	\$0.00	\$0.00

Total Expenditure	\$1,260,456.23
--------------------------	----------------

BUDGET DEVELOPMENT CERTIFICATION	
THE UNDERSIGNED HAVE PARTICIPATED IN DEVELOPING THE PROGRAM BUDGET PRESENTED ABOVE. We certify that the budget submitted above represents an anticipated gross expenditure for the fiscal year: October 1, 2019 through September 30, 2020; and any requests for reimbursement shall adhere to all state law, administrative rules and child care fund handbook authority.	
Presiding Judge <i>Melinda Gubbins</i> P42969	Date 8/8/19
County Director of MDHHS Signature Kristine E. Lagios	Date 08/08/2019
Chairperson, Board of Commissioner's Signature	Date
And/or County Executive Signature	Date
Michigan Department of Health & Human Services (MDHHS) will not discriminate against any individual or group because of race, religion, age, national origin, color, height, weight, marital status, sex, sexual orientation, gender identity or expression, political beliefs or disability. If you need help with reading, writing, hearing, etc., under the Americans with Disabilities Act, you are invited to make your needs known to an MDHHS office in your area.	AUTHORITY: Act 87, Publication of 1978, as amended. COMPLETION: Required. PENALTY: State reimbursement will be withheld from local government.



Action Request

Meeting Date:	August 21, 2019		
Department:	Finance	Submitted By:	Dean Bott
Contact E-Mail:	dbott@grandtraverse.org	Contact Telephone:	922-4680
Agenda Item Title:	July 2019 Claims Approval		
Estimated Time:	Board Packet (in minutes)	Laptop Presentation:	☐ Yes ☒ No

Summary of Request:

Claims and payroll disbursement activity for the month of July 2019 is requested for approval, as attached. Further detail regarding disbursements may be requested directly from the Finance Department.

Suggested Motion:

Approval of the requested claims and payroll disbursements for the month of July 2019.

Financial Information:

Total Cost:	\$6,528,999.70	General Fund Cost:		Included in budget:	☒ Yes ☐ No
-------------	----------------	--------------------	--	---------------------	---

If not included in budget, recommended funding source:

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director	Dean Bott	8/14/2019
Human Resources Director		
Civil Counsel		
Administration:	☐ Recommended	Date:
Miscellaneous:		

Attachments:

Attachment Titles:
July 2019 Claims Summary

RESOLUTION

XX-2019

**Finance Department
July 2019 Claims Approval**

WHEREAS, the Grand Traverse County Board of Commissioners met in regular session on August 21, and reviewed claims and payroll disbursements for the month of July 2019 that were requested by the Director of Finance and are recommended for approval; and,

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS, THAT the attached CLAIMS AND PAYROLL DISBURSEMENT FOR THE MONTH OF July 2019 are hereby approved. (See file for attachments.)

APPROVED: August 21, 2019

JULY 2019 CLAIMS

<u>TYPE</u>	<u>DATE</u>	<u>AMOUNT</u>
CLAIMS AND ACCOUNTS AND IMMEDIATE PAYMENTS FOR BOARD APPROVAL		
CLAIMS AND ACCOUNTS	7/9/2019	432,853.49
CLAIMS AND ACCOUNTS	7/23/2019	1,633,163.47
TOTAL CLAIMS AND ACCOUNTS		2,066,016.96
IMMEDIATE PAYMENTS	7/3/2019	161,930.73
IMMEDIATE PAYMENTS	7/5/2019	5,951.19
IMMEDIATE PAYMENTS	7/10/2019	336,328.13
IMMEDIATE PAYMENTS	7/12/2019	67,137.01
IMMEDIATE PAYMENTS	7/12/2019	12,357.19
IMMEDIATE PAYMENTS	7/16/2019	34,305.79
IMMEDIATE PAYMENTS	7/17/2019	67,087.74
IMMEDIATE PAYMENTS	7/18/2019	1,173.00
IMMEDIATE PAYMENTS	7/19/2019	978,815.48
IMMEDIATE PAYMENTS	7/19/2019	1,500.00
IMMEDIATE PAYMENTS	7/24/2019	114,870.38
IMMEDIATE PAYMENTS	7/24/2019	1,886.85
IMMEDIATE PAYMENTS	7/25/2019	5,949.02
IMMEDIATE PAYMENTS	7/26/2019	75,654.83
IMMEDIATE PAYMENTS	7/30/2019	16,194.88
IMMEDIATE PAYMENTS	7/31/2019	9,089.30
TOTAL IMMEDIATE PAYMENTS		1,890,231.52
TOTAL CLAIMS AND ACCOUNTS AND IMMEDIATE PAYMENTS		3,956,248.48
CHECK DISTRIBUTION SUMMARY RECONCILING ITEMS		
Health Department Claims:		
HEALTH	7/9/2019	47,889.23
HEALTH	7/23/2019	86,876.42
TOTAL HEALTH DEPARTMENT CLAIMS		134,765.65
Department of Public Works Check Runs Approved by Board of Public Works:		
DPW Check Runs	7/3/2019	71,352.07
DPW Check Runs	7/11/2019	148,632.08
DPW Check Runs	7/18/2019	17,345.31
DPW Check Runs	7/24/2019	9,053.13
TOTAL DPW CHECK RUNS		246,382.59
Pending Claims:		875.00
TOTAL RECONCILING ITEMS		382,023.24
Total Claims, Immediate & Reconciling		4,338,271.72
Monthly Check Distribution Summary		4,338,271.72
	Difference	0.00
PAYROLL		
PAYROLL	7/12/2019	977,901.47
PAYROLL	7/23/2019	911,550.08
BENEFITS	7/31/2019	301,276.43
TOTAL PAYROLL		2,190,727.98
FOR BOARD APPROVAL:		
TOTAL CLAIMS, IMMEDIATE, RECONCILING & PAYROLL		6,528,999.70

REQUEST APPROVAL

**GRAND TRAVERSE COUNTY
CHECK DISTRIBUTION SUMMARY
JULY 2019**

Payee Name	Amount
GRAND TRAVERSE COUNTY Total	\$ 1,234,752.89
GARFIELD CHARTER TOWNSHIP Total	\$ 496,559.27
TRAVERSE AREA DISTRICT LI Total	\$ 199,852.70
EAST BAY CHARTER TOWNSHIP Total	\$ 190,098.59
STATE OF MICHIGAN Total	\$ 137,398.55
TRAVERSE CITY TREASURER Total	\$ 126,307.71
ACME TOWNSHIP Total	\$ 74,055.95
DELL MARKETING LP Total	\$ 64,043.42
NORTHWEST MICHIGAN COMMUN Total	\$ 55,418.78
ONIX NETWORKING CORPORATI Total	\$ 54,969.00
WELLPATH LLC Total	\$ 50,099.17
TRAVERSE CITY AREA PUBLIC Total	\$ 46,592.64
ELMWOOD TOWNSHIP Total	\$ 45,203.17
PENINSULA TOWNSHIP Total	\$ 41,338.64
NORTHERN LAKES COMMUNITY Total	\$ 40,875.00
DELTA DENTAL Total	\$ 40,679.47
TRAVERSE CITY LIGHT & POW Total	\$ 37,665.78
FIFTH THIRD BANK Total	\$ 34,305.79
LEELANAU COUNTY Total	\$ 33,850.01
TC CONCRETE LLC Total	\$ 33,000.00
GRAND TRAVERSE CONSERVATI Total	\$ 32,274.98
HALLMARK CONSTRUCTION INC Total	\$ 29,475.00
MUNSON MEDICAL CENTER (M. Total	\$ 28,723.77
SCHMUCKAL OIL CO Total	\$ 28,334.63
UNITED WAY OF NORTHWEST M Total	\$ 27,226.33
TOTAL COURT SERVICES OF M Total	\$ 24,594.83
MICHIGAN STATE UNIVERSITY Total	\$ 24,078.75
CH2M HILL INC. Total	\$ 22,555.19
CONSUMERS ENERGY Total	\$ 22,058.25
GREGORY HALL Total	\$ 21,434.00
MUTUAL OF OMAHA INSURANCE Total	\$ 20,337.13
HOPE NETWORK BEHAVIORAL H Total	\$ 19,808.46
ARAMARK Total	\$ 19,762.43
MICHIGAN DEPARTMENT OF TR Total	\$ 19,345.40
WMU HOMER STRYKER MD SCHO Total	\$ 17,761.00
MICHIGAN ASSOCIATION OF C Total	\$ 16,574.87
WOLVERINE HUMAN SERVICES Total	\$ 16,438.80
TRAVERSE CITY HOSPITALITY Total	\$ 15,704.60
GLAXOSMITHKLINE PHARMACEU Total	\$ 15,309.71
TOP LINE ELECTRIC LLC Total	\$ 15,258.71
CITY OF TRAVERSE CITY Total	\$ 15,135.08
TELE-RAD, INC. Total	\$ 14,844.27

Payee Name	Amount
GUARDIAN MEDICAL MONITORI Total	\$ 14,819.90
VREDEVELD HAEFNER LLC Total	\$ 14,750.00
CHERRYLAND ELECTRIC Total	\$ 14,059.11
ELK RAPIDS PUBLIC SCHOOLS Total	\$ 13,661.77
INTERLOCHEN PUBLIC LIBRAR Total	\$ 13,226.67
ATT MOBILITY Total	\$ 12,878.41
PENINSULA COMMUNITY LIBRA Total	\$ 12,424.01
FIDLAR DOUBLEDAY INC Total	\$ 12,361.46
TITLE CHECK LLC Total	\$ 11,788.13
GREENSTONE INSURANCE COMP Total	\$ 11,063.00
STT INC. Total	\$ 10,982.60
MAPLE RIVER DIRECT MAIL L Total	\$ 10,075.00
SERVPRO OF GRAND TRAVERSE Total	\$ 10,072.90
BUFFALO RIDGE CENTER SOUT Total	\$ 10,000.00
KANE & ASSOCIATES, PLC Total	\$ 9,575.00
CH2M HILL ENGINEERS, INC Total	\$ 9,529.28
VARIPRO BENEFIT ADMINISTR Total	\$ 8,885.86
JOHNSON OUTDOORS Total	\$ 8,805.00
MEDSYS SOFTWARE SOLUTIONS Total	\$ 8,544.00
GRAPHIC SCIENCES, INC Total	\$ 8,374.59
ENTERPRISE FM TRUST Total	\$ 8,259.12
POSTMASTER OF TRAVERSE CI Total	\$ 8,053.50
OFFICE DEPOT, INC Total	\$ 7,896.39
BUCKLEY COMMUNITY SCHOOLS Total	\$ 7,875.21
WAARA TECHNOLOGIES LLC Total	\$ 7,805.14
MATTHEW CONNOLLY Total	\$ 7,605.00
DAVID PETERSON Total	\$ 7,487.89
PAUL T. JARBOE PLC Total	\$ 7,425.00
SHAWN WORDEN Total	\$ 7,395.00
GRAFF, GRAFF & HELVESTON Total	\$ 6,778.77
MICHAEL SCHMERL Total	\$ 6,750.00
JANET M MISTELE Total	\$ 6,693.50
MICHAEL & KERRY MARSH Total	\$ 6,692.40
BRIAN DIMON Total	\$ 6,602.49
LINCOLN NATIONAL LIFE INS Total	\$ 6,597.49
SANOFI PASTEUR, INC. Total	\$ 6,516.19
FIFE LAKE PUBLIC LIBRARY Total	\$ 6,382.37
DOUGLAS SOUTHWORTH TRUST Total	\$ 6,013.21
VANGUARD UTILITY SERVICE, Total	\$ 5,880.00
TRAVERSE CITY FLEET REPAI Total	\$ 5,857.81
BAY AREA TRANSPORTATION A Total	\$ 5,857.44
AT&T GLOBAL SERVICES Total	\$ 5,683.66
LAW OFFICE OF MATTIAS JOH Total	\$ 5,393.00
JASON A RAZAVI . Total	\$ 5,230.00
DAVID J CLARK Total	\$ 5,185.00
TRAVERSE BODY & PAINT CEN Total	\$ 5,084.70

Payee Name	Amount
VERIZON WIRELESS Total	\$ 5,000.11
THOMSON REUTERS - WEST Total	\$ 4,634.16
KINGSLEY AREA SCHOOLS Total	\$ 4,538.86
CALHOUN COUNTY Total	\$ 4,500.00
FLOODMAN LLC Total	\$ 4,500.00
STEVEN & REBECCA JOHNSON Total	\$ 4,487.37
AMERICRETE Total	\$ 4,393.25
MERCK & CO., INC. Total	\$ 4,333.21
BETHANY CHRISTIAN SERVICE Total	\$ 4,275.95
BRETT C BAIRD Total	\$ 4,203.00
EXCEL OFFICE INTERIORS Total	\$ 4,109.56
MICHAEL P COLLINS Total	\$ 4,090.62
JUANA MOORE Total	\$ 4,030.40
TODD & JULIANA BROWN Total	\$ 3,863.25
VINCENT J MALONEY Total	\$ 3,835.00
OTWELL MAWBY, PC Total	\$ 3,732.00
CELLEBRITE USA CORP Total	\$ 3,700.00
CDW GOVERNMENT,INC. Total	\$ 3,646.38
BERNTSEN INTERNATIONAL, I Total	\$ 3,619.59
DTE ENERGY Total	\$ 3,491.57
KENNETH MCCLELLAN & EDRIE Total	\$ 3,349.52
EARL HILL ELECTRIC LLC Total	\$ 3,347.75
FAMILY COURT RECORDS Total	\$ 3,327.74
ETNA SUPPLY COMPANY Total	\$ 3,294.39
HON LARRY NELSON Total	\$ 3,188.64
LESLEY'S LANDSCAPING Total	\$ 3,130.00
AXON ENTERPRISE, INC. Total	\$ 3,048.00
EMILY & JORDIE LLORE Total	\$ 3,033.70
NICHOLS Total	\$ 3,025.58
USA BLUE BOOK Total	\$ 2,982.85
WILLIAMS CHEVROLET Total	\$ 2,906.38
ADAM & ELLEN GUSTAFSON Total	\$ 2,874.61
SHERISE SHIVELY Total	\$ 2,872.08
MARKHAM HEID & LEANNE LIN Total	\$ 2,863.80
JAMIE SCHAFFER Total	\$ 2,826.24
DAVID G GRUNST Total	\$ 2,812.50
TBAISD Total	\$ 2,812.05
CYNTHIA ANN CONLON Total	\$ 2,757.50
NORTHWESTERN MICHIGAN COL Total	\$ 2,636.88
CLIFF'S AUTOMOTIVE REPAIR Total	\$ 2,586.44
BRENNAN & RACHEL SANG Total	\$ 2,570.59
WHITEWATER TOWNSHIP Total	\$ 2,570.03
RICHARD BANTIEN Total	\$ 2,512.97
BERNIE BOSSERT Total	\$ 2,500.00
LIGHTHOUSE INSURANCE Total	\$ 2,500.00
KRIS KRZYWOSINSKI Total	\$ 2,423.37

Payee Name	Amount
EARNEST DRIVER JR Total	\$ 2,418.73
CHERRYLAND HUMANE SOCIETY Total	\$ 2,414.93
MARY ALDRIDGE Total	\$ 2,409.02
HAVILAND CONSUMER PRODUCT Total	\$ 2,343.60
MARK A RISK Total	\$ 2,300.00
PAUL HUBBELL Total	\$ 2,300.00
ROBERT A MICKEVICIUS Total	\$ 2,300.00
TRAVERSE CITY PRINT & COP Total	\$ 2,240.75
CANNONSBURG WOOD PRODUCTS Total	\$ 2,240.00
ADVANTAGE BENEFITS GROUP, Total	\$ 2,140.00
EAST BAY LEGAL Total	\$ 2,140.00
KYLE B TREVAS Total	\$ 2,140.00
AMERICAN WASTE Total	\$ 2,128.50
NATIONAL EMERGENCY NUMBER Total	\$ 2,124.00
NEXUS FAMILY SERVICES INC Total	\$ 2,080.00
POLICE LEGAL SCIENCES Total	\$ 2,040.00
ASD HEALTHCARE Total	\$ 2,031.44
DUWAYNE COUTURIER Total	\$ 2,030.65
ADAM & HEATHER BARTELMAY Total	\$ 2,027.07
TYLER BROAD Total	\$ 1,954.80
MARGARET DAKOSKE Total	\$ 1,952.61
YORK RISK SERVICES GROUP, Total	\$ 1,920.23
ENGINEERED PROTECTION SYS Total	\$ 1,919.90
STEPHANIE & DAVID PORATH Total	\$ 1,904.90
HALAINA BUFFORD Total	\$ 1,900.70
KENDALL ELECTRIC INC Total	\$ 1,875.60
GREAT LAKES BUSINESS SYST Total	\$ 1,874.51
CIRCUIT COURT RECORDS Total	\$ 1,866.00
ELLIOT & ABBIE CLARK Total	\$ 1,830.60
XAVUS SOLUTIONS Total	\$ 1,827.00
WALKER THOMPSON Total	\$ 1,805.38
JOHN & JUDITH MACGREGOR Total	\$ 1,792.55
ELIZABETH ELLEN LAJKO Total	\$ 1,787.38
MATT & ROBIN BIRK Total	\$ 1,781.51
SOUTHTOWN PROPERTY MANAGE Total	\$ 1,759.93
CHARTER COMMUNICATIONS Total	\$ 1,757.27
ULINE Total	\$ 1,738.75
JENNIFER NELSON Total	\$ 1,733.40
CHERYL RIRIE-KURZ Total	\$ 1,708.97
MUNSON MEDICAL CENTER Total	\$ 1,704.20
MICHAEL MANGRELLO Total	\$ 1,695.03
WATKINS PHARMACY & SURGIC Total	\$ 1,663.00
STEVEN & SUMMER ISON Total	\$ 1,641.66
PRO-TECH SECURITY SALES Total	\$ 1,617.00
OLSON, BZDOK & HOWARD PC Total	\$ 1,600.35
DOUGLAS A KING Total	\$ 1,550.00

Payee Name	Amount
JOHN PURDY Total	\$ 1,536.21
4FRONT CREDIT UNION Total	\$ 1,533.58
MCKESSON MEDICAL SURGICAL Total	\$ 1,526.86
MICRO-TEL CENTER Total	\$ 1,525.00
GAIL P SHANN Total	\$ 1,521.51
CONFLICT RESOLUTION SERVI Total	\$ 1,500.00
COSMETIC SKIN AND LASER C Total	\$ 1,500.00
MILLARD DEAN ELDRED Total	\$ 1,500.00
PREIN & NEWHOF Total	\$ 1,500.00
TODD W OLIVER Total	\$ 1,500.00
MARIE WALKER, PLLC Total	\$ 1,457.00
KONICA MINOLTA BUSINESS S Total	\$ 1,432.04
THOMAS J SEGER Total	\$ 1,425.00
ROBERT HUNT Total	\$ 1,392.32
ERICA LEE SIEJUTT Total	\$ 1,388.95
ANNETTE J RYCKMAN Total	\$ 1,375.21
VANBELKUM COMPANIES LLC Total	\$ 1,362.92
MATTHEW & KELLEY SMITH Total	\$ 1,336.86
CUTTIN IT CLOSE OUTDOOR Total	\$ 1,335.00
SMART START MICHIGAN Total	\$ 1,334.50
BONNI & KALEB NORWOOD Total	\$ 1,314.95
SITEONE LANDSCAPE SUPPLY Total	\$ 1,272.56
MIKE MATTEUCCI Total	\$ 1,245.11
D & W MECHANICAL Total	\$ 1,217.86
DALLAS CHILDREN'S ADVOCAC Total	\$ 1,200.00
KOBERNUS TRUST AGREEMENT Total	\$ 1,175.30
DAVID BEDELL Total	\$ 1,171.80
MITCHELL GRAPHICS Total	\$ 1,154.46
TRAVERSE AREA SUPPORT SER Total	\$ 1,152.00
MICHIGAN STATE POLICE - B Total	\$ 1,150.00
BIDDLE CONSULTING INC Total	\$ 1,139.00
JAMES M LINDSAY Total	\$ 1,125.00
HEATHER R BLANTON-DYKSTRA Total	\$ 1,124.50
ALISHA T MOCERE Total	\$ 1,093.40
GRAND TRAVERSE-LEELANAU-A Total	\$ 1,090.00
TRAVERSE CITY RECORD EAGL Total	\$ 1,085.00
MICHIGAN PIPE & VALVE Total	\$ 1,077.00
BADGER METER, INC. Total	\$ 1,058.40
SCOTT MARTIN Total	\$ 1,057.24
LIFE STORY FUNERAL HOME Total	\$ 1,050.00
FASTENAL COMPANY Total	\$ 1,033.20
MCGOUGH'S INC Total	\$ 1,031.52
MISSAUKEE WILDERNESS YOUT Total	\$ 1,008.00
LAURIE LYNN LUBBERS Total	\$ 1,000.38
ALL WEATHER SEAL Total	\$ 1,000.00
TRAVERSE REALTY & DEVELOP Total	\$ 1,000.00

Payee Name	Amount
SYNTHIA SEMON Total	\$ 965.63
HEIDI SCHEPPE Total	\$ 956.18
CINTAS CORP #729 Total	\$ 951.38
MEDLER ELECTRIC COMPANY Total	\$ 941.59
MICHIGAN MUNICIPAL RISK M Total	\$ 940.00
VANCE OUTDOORS INC Total	\$ 937.50
KITCH DRUTCHAS WAGNER VAL Total	\$ 930.00
EDWARD ARNOLD Total	\$ 901.73
NORTHERN OFFICE EQUIPMENT Total	\$ 897.88
CENTRAL LAKE ARMOR EXPRES Total	\$ 891.22
LINDA E WASIELEWSKI Total	\$ 887.25
JOSEPH G MOLLIKA Total	\$ 882.00
RADISSON PLAZA HOTEL Total	\$ 863.10
GEI CONSULTANTS Total	\$ 862.50
BARBIE SUE MORGAN Total	\$ 849.06
MADELAINE P LYDA Total	\$ 848.00
MICHIGAN MOBILE HARD DRIV Total	\$ 806.60
DR. ANGELA MAY, M.D. Total	\$ 800.00
G&C CARPORTS OF MICHIGAN Total	\$ 800.00
HEALTH DEPT OF NORTHWEST Total	\$ 800.00
PHILIP A SETTLES Total	\$ 775.00
BILL MARSH AUTO GROUP Total	\$ 770.78
MICHAEL & TIFFANY FEWINS Total	\$ 767.61
COVELL FUNERAL HOME Total	\$ 750.00
HITS TRAINING & CONSULTIN Total	\$ 750.00
REANN R GORTON Total	\$ 750.00
DAVID A. DOBREFF Total	\$ 731.25
BAYSHORE RESORT Total	\$ 728.67
WELL SPRING PSYCHIATRY PC Total	\$ 725.00
NORTHERN BUILDING SUPPLY Total	\$ 723.49
DARLENE A SZUMKO Total	\$ 715.00
NYE UNIFORM CO., INC Total	\$ 701.50
SOS ANALYTICAL Total	\$ 700.00
HAROLD & PATRICIA JEFFRIE Total	\$ 698.12
WILLIAMS & BAY PUMPING SE Total	\$ 695.00
IAN ALDERMAN Total	\$ 692.66
CHIEF SUPPLY CORPORATION Total	\$ 689.56
CARLIN & HEIDI KAUFFMAN Total	\$ 687.05
PARK PLACE HOTEL Total	\$ 680.25
JESSICA K SCHIMPF Total	\$ 677.79
CHERRY ONE TRANSPORTATION Total	\$ 675.00
ROSCOMMON COUNTY Total	\$ 672.00
SOLAR SOLUTIONS Total	\$ 670.00
FOREST AREA SCHOOLS Total	\$ 665.15
AFP SPECIALTIES, INC. Total	\$ 650.00
ELHORN ENGINEERING COMPAN Total	\$ 650.00

Payee Name	Amount
GRAND TRAVERSE MOBILE COM Total	\$ 631.85
WALMART COMMUNITY CARD Total	\$ 629.98
BAY AREA RECYCLING FOR CH Total	\$ 600.00
TACTICAL ENCOUNTERS INCOR Total	\$ 600.00
NEW DIRECTION TESTING Total	\$ 590.00
AMANDA M WEBSTER Total	\$ 583.09
D & W AUTO Total	\$ 565.88
NATHAN MUSSER Total	\$ 545.40
THE BEHLER-YOUNG COMPANY Total	\$ 538.12
ROBERT A. COONEY Total	\$ 538.00
ELITE FABRICARE Total	\$ 537.45
FIREFLY COMPUTERS, LLC Total	\$ 536.00
MITTEN OUTDOORS, LLC Total	\$ 530.00
JOHNSTONE SUPPLY - #234 Total	\$ 528.03
CINDY HOOD Total	\$ 526.13
MI ASSOCIATION OF DISTRIC Total	\$ 525.00
LA PROFESSIONAL CLEANING Total	\$ 520.00
CYNERGYCOMM.NET INC Total	\$ 519.35
KRISTINA ASAM Total	\$ 510.00
MAYFIELD TOWNSHIP Total	\$ 505.92
LAURA LEE FISCHER Total	\$ 505.87
BOGARD & SONS CONS Total	\$ 500.00
BS&A SOFTWARE Total	\$ 500.00
CHAPPLE HOMES Total	\$ 500.00
CLINT & SALLY GORE Total	\$ 500.00
CREATIVE HOME DESIGN Total	\$ 500.00
D&M DESIGN CO LLC Total	\$ 500.00
DEAN BUILDERS Total	\$ 500.00
DENISE & SCOTT CLARK Total	\$ 500.00
DENNIS FOX Total	\$ 500.00
ERROL IMRE Total	\$ 500.00
ESRI INC. Total	\$ 500.00
FRED & JANICE SCHMIDT Total	\$ 500.00
JENNIFER DUNLOP Total	\$ 500.00
KEYS TO FREEDOM MINISTRIE Total	\$ 500.00
MATTHEW ARNOLD Total	\$ 500.00
MAX SCHWANDT Total	\$ 500.00
MISSION BAY CONTRACTING Total	\$ 500.00
NORTHLAND SIGNATURE HOMES Total	\$ 500.00
PATRICK KEALY Total	\$ 500.00
PAUL & WANDA PLAMONDON Total	\$ 500.00
RICHARD NEWMAN Total	\$ 500.00
RICHARD STEIGER Total	\$ 500.00
RICK DAVIDSON Total	\$ 500.00
ROBERT WILLIAM NORTH JR Total	\$ 500.00
RUSSELL & KARI SOVIS Total	\$ 500.00

Payee Name	Amount
SCHMUCKAL OIL Total	\$ 500.00
STANLEY RONK Total	\$ 500.00
TIMOTHY BUSCARINO Total	\$ 500.00
MELANIE D STANTON Total	\$ 496.78
LONG LAKE MARINA Total	\$ 491.95
A BROOKS DARLING Total	\$ 486.00
CURTISS REPORTING Total	\$ 479.00
MIDCOURSE CORRECTION CHAL Total	\$ 475.00
TAMMY ODOM Total	\$ 473.36
IMAGE360 Total	\$ 467.40
JOHN & MARY CURRIER Total	\$ 462.60
THOMAS HENRY PIEHL Total	\$ 457.71
ADDISON WHEELOCK Total	\$ 455.00
CHRISTOPHER FORSYTH Total	\$ 450.92
DEWOLF & ASSOCIATES Total	\$ 450.00
MICHIGAN RECYCLING COALIT Total	\$ 450.00
DEWEESE HARDWARE Total	\$ 445.90
ANGELA L PELLETIER Total	\$ 440.80
SUSAN KAY BOWERS Total	\$ 437.37
MARGARET DRURY Total	\$ 436.84
GREEN LAKE TOWNSHIP Total	\$ 430.93
SOS LEARNING LAB LLC Total	\$ 430.00
HEATHER GREENWALD Total	\$ 428.09
ADVANCED TURF SOLUTIONS Total	\$ 412.70
WALMART Total	\$ 406.17
BLAIR TOWNSHIP Total	\$ 404.96
CHERRY HILL HAVEN AFC Total	\$ 400.00
EMMET COUNTY Total	\$ 400.00
WESTFIELD INSURANCE Total	\$ 400.00
BRAMER AUTO Total	\$ 399.87
RICOH USA INC Total	\$ 399.22
NATALIE GRACE BOWLING Total	\$ 398.47
TC BRAKE AND ALIGNMENT LL Total	\$ 396.51
GAMESTOP Total	\$ 395.00
ROBERT D ROBBINS Total	\$ 390.96
JAROD & DANA TIMMER Total	\$ 384.87
HEMOCUE AMERICA / RADIOME Total	\$ 384.00
INTEGRITY BUSINESS SOLUTI Total	\$ 380.31
GRUSH TRUST AGREEMENT Total	\$ 380.12
ACE WELDING & MACHINE, IN Total	\$ 380.00
GRAND TRAVERSE VETERINARY Total	\$ 375.50
LONG LAKE TOWNSHIP Total	\$ 374.35
MEGAN ELISE KIRT Total	\$ 372.49
EAST BAY HARBOR COMPANY Total	\$ 372.35
OWENS SOFT WATER, INC. Total	\$ 368.00
US BANK EQUIPMENT FINANCE Total	\$ 365.17

Payee Name	Amount
LEXISNEXIS RISK DATA MANA Total	\$ 363.26
TALKPOINT TECHNOLOGIES,IN Total	\$ 362.95
LINDSAY KING Total	\$ 361.03
GT RUBBER SUPPLY, INC. Total	\$ 350.18
APPLE FENCE CO., INC. Total	\$ 350.00
AMANDA PECK Total	\$ 349.64
BRAD JEWETT Total	\$ 348.99
KIM MARIE COGGINS Total	\$ 348.72
SATYA PILLAY Total	\$ 345.65
NATIONAL ASSOCIATION OF D Total	\$ 345.00
PARADISE TOWNSHIP Total	\$ 344.48
BEVERLY A MORRISON Total	\$ 342.00
JESSICA JAYNES Total	\$ 331.26
PRESTON TAYLOR Total	\$ 331.00
MML Total	\$ 330.00
BRITTANY M ALDRICH Total	\$ 325.00
UNION TOWNSHIP Total	\$ 316.97
JENNY ROBLES Total	\$ 315.81
LARK LAWN & GARDEN INC. Total	\$ 314.17
PUBLIC SURPLUS Total	\$ 313.76
NATHAN RITTER Total	\$ 313.50
TOP CAT STENO, INC. Total	\$ 310.00
POTTERS FINE PASTRIES Total	\$ 308.79
THE CHEFS IN Total	\$ 306.46
BAY AREA PET HOSPITAL Total	\$ 302.50
GORDON LAPOINTE Total	\$ 302.18
ERIN JOHNSON Total	\$ 300.54
JULIE DUBAY Total	\$ 300.44
ANTHONY LEE SCHWEIFLER Total	\$ 300.00
BLAINE & SHARON WITTKOPP Total	\$ 300.00
DEREK SUTHERIN Total	\$ 300.00
FINAL TOUCH CLEANING SERV Total	\$ 300.00
MSHDA Total	\$ 300.00
OAK GROVE CREMATION CENTE Total	\$ 300.00
PREMIER OUTDOORS Total	\$ 300.00
ROBERT BAKER JR. Total	\$ 300.00
ACTIVE911, INC Total	\$ 294.00
BRENDA VOIGHT Total	\$ 289.54
SMILEMAKERS, INC. Total	\$ 287.45
DAVID M AKERS Total	\$ 282.05
LISA PHILO Total	\$ 277.94
NICOLE L HEIGES Total	\$ 271.04
GRAND TRAVERSE INDUSTRIES Total	\$ 260.44
RHONDA YANSKA Total	\$ 260.36
SCUBA NORTH Total	\$ 258.00
ELYSE Y MCELDERRY Total	\$ 257.17

Payee Name	Amount
BILL MARSH AUTO RENTALS Total	\$ 255.06
SIMPLE CREDIT, INC. Total	\$ 255.00
JOANN PROHASKA Total	\$ 250.00
UNIVERSITY OF MICHIGAN ME Total	\$ 250.00
MELISSA ZENNER Total	\$ 245.86
JOE G. KOLARIK Total	\$ 240.00
JENNIFER RODGERS Total	\$ 239.28
SHERWIN-WILLIAMS Total	\$ 239.09
MARY URYASZ Total	\$ 232.58
SUZANNE BORSOS Total	\$ 231.65
CLARISSA FASEL Total	\$ 229.92
FRED TANK Total	\$ 226.11
CENTURYLINK Total	\$ 225.94
BRITTANY B SAMPLE Total	\$ 225.91
JOHN GARRICK Total	\$ 212.70
B & B PRINTING Total	\$ 212.00
MICHELLE MCGAHEY Total	\$ 207.49
MICHIGAN POLICE EQUIPMENT Total	\$ 205.00
KRISTINE ERICKSON Total	\$ 204.50
FIFE LAKE TOWNSHIP Total	\$ 200.23
ADMIRAL PETROLEUM CO Total	\$ 200.00
CLIFF SHELDER DBA SME PUB Total	\$ 200.00
DOMINIC FORTUNA Total	\$ 200.00
FRIEND OF THE COURT ASSOC Total	\$ 200.00
MICHAEL HOROWITZ Total	\$ 200.00
MICHIGAN ASSOCIATION OF S Total	\$ 200.00
NORTHWOODS PRINTERS/OFFIC Total	\$ 199.99
DENNIS & CHRISTINE SEELEY Total	\$ 196.94
NORTH FLIGHT EMS Total	\$ 195.90
KSS ENTERPRISES Total	\$ 194.95
RON CLOUS Total	\$ 190.84
NICHOLE DUNWIDDIE Total	\$ 190.64
MARY WENGER-TOWNSEND Total	\$ 190.48
OPTUM Total	\$ 190.36
NORTHERN A-1 KALKASKA Total	\$ 190.00
PORCELAIN PATROL SERVICE Total	\$ 190.00
OAKWOOD VETERINARY HOSPIT Total	\$ 189.35
AMANDA J FLOWERS Total	\$ 188.36
JACALYN MONEY-BRUNO Total	\$ 187.82
MCCARDEL CULLIGAN WATER C Total	\$ 187.00
BETSY COFFIA Total	\$ 186.17
JENNY LYNN GRIST Total	\$ 184.09
FLEET NAV SYSTEMS Total	\$ 180.00
TRI-GAS DISTRIBUTING CO. Total	\$ 180.00
MICHIGAN ENVIRONMENTAL HE Total	\$ 180.00
CYNTHIA ANN KOTT Total	\$ 179.62

Payee Name	Amount
JOHN & CONNIE KENNEDY Total	\$ 176.41
BEATRIZ CRUZ Total	\$ 173.54
PATRICIA MARINER TTEE Total	\$ 172.27
STACY LIN HOWE Total	\$ 168.83
ASHLEY JUSTICE Total	\$ 167.04
TC TOWING & RECOVERY Total	\$ 165.75
RODETTA HARRAND Total	\$ 163.34
LATITUDE SUBROGATION SERV Total	\$ 162.50
HOME DEPOT CREDIT SERVICE Total	\$ 161.78
LARRY'S POOL AND SPA Total	\$ 160.80
GOVCONNECTION INC Total	\$ 160.51
LAUREN MARIE PHILLIPS Total	\$ 160.17
NORTHWEST LOCK INC Total	\$ 158.50
JENTEES CUSTOM SCREEN PRI Total	\$ 155.92
GERRY BROWN Total	\$ 151.00
NANCY ICKES Total	\$ 150.22
HERTLER & ASSOCIATES INC Total	\$ 150.00
INTERLOCHEN AREA CHAMBER Total	\$ 150.00
MARK ARGIR Total	\$ 150.00
MEA - TC CAPSA Total	\$ 150.00
MICHIGAN COMMUNITY COLLEG Total	\$ 150.00
THE HARTFORD INSURANCE Total	\$ 150.00
TRAVERSE BAY MARINE INC. Total	\$ 150.00
WOMEN'S RESOURCE CENTER Total	\$ 150.00
MICHAEL ROOF Total	\$ 149.87
LIN AARON MAROLF Total	\$ 147.26
REDWOOD TOXICOLOGY LABORA Total	\$ 144.67
COURTNEY JURICA Total	\$ 143.95
JAY WILLIAM DEYOUNG Total	\$ 142.84
KEVIN CONRADY Total	\$ 142.50
JULIE DODSON Total	\$ 142.39
TAMARA AUSLAND Total	\$ 141.52
GALLS INC. Total	\$ 140.99
EDWARD & LINDA HORN Total	\$ 140.15
BLAIR SELF STORAGE Total	\$ 140.00
PICTURE THIS PHOTOGRAPHY Total	\$ 140.00
TERESA MARIE BENNETT Total	\$ 139.65
AC PAW Total	\$ 135.00
TERRY FULLER Total	\$ 135.00
MARK ALAN SAMEL Total	\$ 134.80
JASON MICAH LOME Total	\$ 134.72
CURT MICHAEL MIKULSKI Total	\$ 133.56
PREMIER SAFETY Total	\$ 133.05
JASON POLZIEN Total	\$ 133.00
MATTHEW HOLLIDAY Total	\$ 133.00
WRIGHT EXPRESS FLEET SERV Total	\$ 132.70

Payee Name	Amount
SAMANTHA LEE BALDERAS Total	\$ 132.62
DEBORAH STERNAMAN Total	\$ 132.18
LESLIE ANNE SNELLER Total	\$ 131.65
SARA JOAN NOTEWARE Total	\$ 131.60
MICHAEL LAHEY Total	\$ 131.16
STERICYCLE INC Total	\$ 130.86
RYAN ROBERT PHILLIPS Total	\$ 130.08
TIFFANY GROFF KESKE Total	\$ 130.08
TIMOTHY ALLEN HOLBROOK Total	\$ 130.02
SPECTRUM HEALTH Total	\$ 130.00
ANDREA NICKERSON Total	\$ 127.84
MARYBETH CRONIN GARDNER Total	\$ 126.71
KAREN ZENNER Total	\$ 125.42
MECHANICAL INSPECTORS ASS Total	\$ 125.00
MOVING TOWARDS SOLUTIONS Total	\$ 125.00
LEO AUGUSTIN VEDEL Total	\$ 124.28
ALICIA THAYER Total	\$ 123.31
STANDARD ELECTRIC COMPANY Total	\$ 122.91
SHIRLEY KATHERINE MILLER Total	\$ 122.58
PAUL ANDERSON Total	\$ 122.22
WENDY JO HICKS Total	\$ 121.47
JOSHUA SEAN TYRER Total	\$ 120.22
BRITTEN BANNERS, INC. Total	\$ 120.00
JOANNE MARY SMITH Total	\$ 120.00
LARRY DUANE SEIGFRIED Total	\$ 120.00
LAW ENFORCEMENT OFFICERS Total	\$ 120.00
SCHMELTZER LAW PLLC Total	\$ 120.00
LANGUAGE LINE SERVICES Total	\$ 119.91
SHAWN WINTER Total	\$ 118.30
ROGER LOREN LAMB II Total	\$ 117.80
TRANSUNION RISK AND ALTER Total	\$ 117.65
MYRA JABAAY Total	\$ 117.00
DONNA JEAN MILLER Total	\$ 116.66
STAPLES BUSINESS ADVANTAG Total	\$ 115.52
PAMELA SUE KENDALL Total	\$ 113.92
BARBARA ANN ANCE Total	\$ 111.78
JAY BARCLEY OWENS Total	\$ 111.60
JOANNE KELLY Total	\$ 110.78
ALICE HANSEN Total	\$ 110.75
LAND INFORMATION ACCESS A Total	\$ 110.00
MICHIGAN DEPT OF HEALTH/H Total	\$ 110.00
PEPSI BOTTLING GROUP Total	\$ 110.00
SCOT & KATHERINE SORENSON Total	\$ 109.70
MORGAN CIVIL PROCESS Total	\$ 109.08
ACE HARDWARE Total	\$ 108.77
INSTITUTE OF CONTINUING L Total	\$ 108.50

Payee Name	Amount
TRAVERSE CITY/GARFIELD TO Total	\$ 106.84
MARCIE MONTGOMERY Total	\$ 106.72
ORKIN PEST CONTROL Total	\$ 106.30
MARY ADCOCK Total	\$ 105.80
SARA M DEMAN Total	\$ 105.79
86TH DISTRICT COURT Total	\$ 105.75
STEFANIE LYNN WAGENSCHUTZ Total	\$ 104.64
PETER FORTON Total	\$ 103.36
MARK WEBER Total	\$ 100.02
BRADLEY ANDERSON Total	\$ 100.00
CHARUENE KEOVONGKOTH Total	\$ 100.00
CHEMICAL BANK Total	\$ 100.00
CHERRYLAND ELECTRIC COOP Total	\$ 100.00
DANIEL GEORGE SMITH Total	\$ 100.00
DAVID LYLE MOORE Total	\$ 100.00
DELRIDGE CORPORATION Total	\$ 100.00
DIANA S HOLCOMBE Total	\$ 100.00
ENCOMPASS INSURANCE Total	\$ 100.00
ENTERPRISE HOLDINGS INC Total	\$ 100.00
GOURDIE-FRASER, INC Total	\$ 100.00
HAWTHORNE VINEYARDS Total	\$ 100.00
JANELLA SCHNEPT Total	\$ 100.00
MICHAEL CHRIS STORMS Total	\$ 100.00
MICHAEL J SULLIVAN & ASSO Total	\$ 100.00
PERFECT FIT LLC Total	\$ 100.00
REYNOLDS-JONKHOFF FUNERAL Total	\$ 100.00
ROSE M BELLES Total	\$ 100.00
ROY C. NICHOLS Total	\$ 100.00
TCTA Total	\$ 100.00
WILLIAM G BURDETTE Total	\$ 100.00
TINA & PAUL BROERING Total	\$ 98.47
TODD N MCGUIRE Total	\$ 97.52
BAILEY LAW OFFICE, PLLC Total	\$ 97.50
DIANE ST. CLAIRE PC Total	\$ 97.50
SHEILA CORNER Total	\$ 97.44
ANIMAL MEDICAL CENTER Total	\$ 96.75
JOHN B WOLF SR Total	\$ 93.52
RON & JANET RAMOIE Total	\$ 92.30
ROBIN RATCLIFFE Total	\$ 90.48
BATTERIES PLUS Total	\$ 87.70
MEIJER, INC. Total	\$ 87.50
SOFTWARE FOR TODAY Total	\$ 87.50
MICHELLE STRAIT Total	\$ 86.01
EAST BAY ANIMAL HOSPITAL Total	\$ 85.50
OLGA LU JOHNSON Total	\$ 85.14
STATE FARM Total	\$ 85.00

Payee Name	Amount
ANDREW WAITE Total	\$ 81.58
THE HOME DEPOT CRC Total	\$ 81.20
GRAY, SEAMAN, SHUMAR & VA Total	\$ 80.00
STING RAY LEGAL SERVICES, Total	\$ 78.50
TRACIE MULLEN Total	\$ 78.38
EDWARD THOMA Total	\$ 76.10
BRANDON HENDGES Total	\$ 75.00
HAHN NGUYEN Total	\$ 75.00
NORTHWESTERN BANK Total	\$ 75.00
THE TROPHY TROLLEY Total	\$ 74.75
VOLTAGE ELECTRIC Total	\$ 73.00
INTOXIMETERS, INC. Total	\$ 72.85
CHRISTOPHER FIELDHOUSE Total	\$ 72.50
LARRY O SAWALLICH Total	\$ 72.50
JOSEPH SANFORD BODLEY Total	\$ 70.00
JUNIORS DISCOUNT TIRE Total	\$ 70.00
RYAN COLLEY Total	\$ 70.00
WEST MICHIGAN C.U. Total	\$ 70.00
ROY RASKA Total	\$ 69.00
SPENCER J BISHOP Total	\$ 69.00
BAY WEST ANIMAL CLINIC Total	\$ 68.75
BAY AREA FIRE & SAFETY, L Total	\$ 67.00
AUDREY D VAN ALST Total	\$ 66.70
JOAN CARMEN ATTWOOD Total	\$ 65.04
SARAH LUTZ Total	\$ 65.04
PRIME TIME NEWS & OBSERVE Total	\$ 65.00
WARES AUTO SALES Total	\$ 65.00
WEST MARINE PRO Total	\$ 64.44
WASH-N-GO CARWASH Total	\$ 63.00
EVELYN LIVINGSTON Total	\$ 62.69
DEBRA MARIE SCHOPIERAY Total	\$ 62.50
JOSHUA JOHN SMITH Total	\$ 62.50
BOYNE COUNTRY SPORTS Total	\$ 62.00
AUTUMN AMORMINO Total	\$ 61.31
QDOBA MEXICAN GRILL Total	\$ 60.00
RITA CLARK Total	\$ 56.88
DIANA BROUSSARD Total	\$ 56.42
TRAVERSE NARCOTIC TEAM Total	\$ 56.22
DEBRA A MIKOWSKI Total	\$ 55.91
COMPANION ANIMAL HOSPITAL Total	\$ 55.50
DANBROOK ADAMS RAYMOND PL Total	\$ 55.50
MARIJANE LUCAS Total	\$ 55.44
ALICIA COLES Total	\$ 55.00
CDM MOBILE SHREDDING LLC Total	\$ 55.00
DANIEL BENJAMIN FERGUSON Total	\$ 55.00
SUZANNE CONANT Total	\$ 55.00

Payee Name	Amount
SHANNON JULIA PITTMAN Total	\$ 54.50
DOWNTOWN DEVELOPMENT AUTH Total	\$ 54.32
DAVID BERRY Total	\$ 52.84
LEELANAU ENTERPRISE & TRI Total	\$ 52.75
BRADLEY ALAN DEARMENT Total	\$ 52.50
MICHAEL & KATHLEEN SHEEAN Total	\$ 52.04
ANSWER UNITED Total	\$ 51.52
FRONTIER COMMUNICATIONS Total	\$ 51.38
SHERYL IRENE TILLITSON Total	\$ 50.52
8TH STREET MARATHON Total	\$ 50.00
ALLURE SALON Total	\$ 50.00
AUTO OWNERS INSURANCE Total	\$ 50.00
BRIAN MCALLISTER Total	\$ 50.00
CASSANDRA ANNEMARIE DURGA Total	\$ 50.00
CHUCK HILL Total	\$ 50.00
DENA LAMARCH Total	\$ 50.00
DEPT OF HUMAN SERVICES Total	\$ 50.00
EMILY LARKIN Total	\$ 50.00
GALLAGHER BASSETT SERVICE Total	\$ 50.00
JOSEPH RUTHKOWSKI Total	\$ 50.00
JULIE WHITE Total	\$ 50.00
KATHY M PAHL Total	\$ 50.00
KEVIN DUBANOWITZ Total	\$ 50.00
MERRILL LYNCH Total	\$ 50.00
MICHELLE K. CORBY Total	\$ 50.00
MICHIGAN DEPARTMENT OF ST Total	\$ 50.00
MICHIGAN PUBLIC HEALTH IN Total	\$ 50.00
PAUL APPOLD Total	\$ 50.00
PHYLISS BRECHEISEN Total	\$ 50.00
RENT A CENTER RETAIL SERV Total	\$ 50.00
SHANE A MARQUETTE Total	\$ 50.00
SHERI ANN OSBORNE Total	\$ 50.00
MARTHA THORELL Total	\$ 49.88
DALE EUGENE HACKETT Total	\$ 48.50
JUDITH CHRISTINE ROUSE Total	\$ 48.50
BEVERLY CORA SALENSKI Total	\$ 47.04
CARRIE BLANKE Total	\$ 47.04
JOHNATHON JAY STEINEBACH Total	\$ 46.50
DARRIN REED WASSOM Total	\$ 45.00
LINDA PORTER Total	\$ 45.00
PROFILE Total	\$ 45.00
AARON RUSSELL HUBER Total	\$ 44.72
DALE DUANE GULLIVER Total	\$ 43.56
DAWN MARIE HERMAN Total	\$ 42.50
KIMBERLY NICOLE KING Total	\$ 42.50
MICHAEL TODD PETERS Total	\$ 42.50

Payee Name	Amount
NEWTON JEROME JR Total	\$ 42.50
DUSTIN ANDREW LOPOTOSKY Total	\$ 42.40
ELLA LYNN DREVES Total	\$ 42.40
JAMES EDWARD SNIDER JR Total	\$ 42.40
KIMBERLY ANN CHANDLER Total	\$ 42.40
WILLIAM CHARLES BRATTON Total	\$ 42.40
THE COPY SHOP Total	\$ 42.25
MAGGIE KATHLEEN DUTMERS Total	\$ 42.00
JEFFREY & DEBORAH HAMILTO Total	\$ 41.51
CARISSA LYNE COWEN Total	\$ 41.24
JANICE ELIZABETH SHIFFERD Total	\$ 41.24
KELLEY VILENSKI Total	\$ 41.24
CATHERINE STAUBER Total	\$ 41.18
LAUTNER IRRIGATION, INC. Total	\$ 41.10
AMBER EILEENA HADDIX Total	\$ 40.66
BAYLEY CHRISTIAN HADDIX Total	\$ 40.66
DAVID WEBSTER SHAFER Total	\$ 40.08
RIQUELLE MARIE STEINMILLE Total	\$ 40.08
HOSPITAL NETWORK HEALTHCA Total	\$ 40.00
JORDAN ROBERT MESKE Total	\$ 40.00
TODD NEIBAUER Total	\$ 40.00
ADAM DAVID GRANGER Total	\$ 39.50
SHAYLEE KAY MCAULIFFE Total	\$ 39.50
SONDRA WEAVER Total	\$ 39.50
PHARMPAK, INC. Total	\$ 39.30
APPLIED IMAGING Total	\$ 39.27
ABBY ROSE DOUGLAS Total	\$ 39.00
DANIELLE KRISTINE OSTER Total	\$ 38.92
CHERRY CAPITAL MOBILE PET Total	\$ 38.75
DIANE MARGARET DUROCHER Total	\$ 38.34
JUSTIN STREET Total	\$ 38.00
NATHAN MICHAEL KAUFMAN Total	\$ 38.00
RONALD GARY COON Total	\$ 38.00
CARRIE LIN-BERNIE FORWARD Total	\$ 37.76
SALLY ANN GRUNST Total	\$ 37.76
GOODWILL INDUSTRIES OF NO Total	\$ 37.26
JAMES ALDEN HUBBELL Total	\$ 37.18
JUDSON PATRICK DOWNER Total	\$ 36.60
LYN MARIE BESTER Total	\$ 36.60
THOMAS SCHWEITZER Total	\$ 36.60
JACOB ADAM OVERHOLT Total	\$ 36.00
CHARLES M HAMLYN Total	\$ 35.99
GUY GORDON SPERRY Total	\$ 35.44
PAUL DANIEL WALTERS Total	\$ 35.44
J COLE TRANSPORTATION Total	\$ 35.00
KIM MILWARD Total	\$ 35.00

Payee Name	Amount
LIFELOC TECHNOLOGIES INC Total	\$ 35.00
NMAVA Total	\$ 35.00
PRECISION PLUMBING Total	\$ 35.00
RYAN MICHAEL MONETTE Total	\$ 35.00
JEFFREY A. O'BRIEN Total	\$ 34.99
SUE SCHMIDT Total	\$ 34.95
BRIAN ALLAN MORRISON Total	\$ 34.86
MELINDA RAE DEAN Total	\$ 34.28
SUZETTE KAY HOXIE Total	\$ 34.28
AMERICAN COPPER & BRASS L Total	\$ 34.22
BRIAN CHARLES SCHUCK Total	\$ 34.00
JAVIER FLORES Total	\$ 33.70
JEFFREY SCOTT LEE Total	\$ 33.70
SUSAN CARINO NYSTROM Total	\$ 33.70
MARK ALAN SCHAUB Total	\$ 33.12
COURTNEY STEPHAN Total	\$ 32.54
GABRIEL MATTHEW SKRZYPCZA Total	\$ 32.54
MEAGHAN TERRI KENNEDY Total	\$ 32.54
MOLLIE J SOUREK Total	\$ 32.32
HELLEN LOUISE RUSSELL Total	\$ 31.96
JAMIE LYNN BEILER-COURTAD Total	\$ 31.96
JENNIFER JOYCE HAHNENBERG Total	\$ 31.96
JESSICA PARENT Total	\$ 31.84
PURE WATER WORKS Total	\$ 31.50
CAROL LYNN KRAJNIK Total	\$ 31.38
FAMILY FARE Total	\$ 31.24
CASSANDRA KELLY CLINTON Total	\$ 30.80
DAVID JAMES COORS Total	\$ 30.80
JANET MARY GEBOW Total	\$ 30.80
KEVIN MICHAEL GILLS Total	\$ 30.80
MATTHEW CHRISTOPHER SCHMA Total	\$ 30.80
BYTE PRODUCTIONS LLC Total	\$ 30.00
KERRY MALKIEWICZ Total	\$ 30.00
MEMBERS CREDIT UNION Total	\$ 30.00
RAPID FIRE PROTECTION Total	\$ 30.00
ROBERT PANTER Total	\$ 30.00
SUSAN LYNN VANDUSEN Total	\$ 29.64
TIMOTHY PATRICK NEWTON Total	\$ 29.64
DAWN DARGA Total	\$ 29.06
GAIL IRENE ROBINSON Total	\$ 28.48
HEATHER LEE Total	\$ 28.48
STACY LEE SLATER Total	\$ 28.48
PATTI BAKER Total	\$ 28.13
CONSTANCE ZOUTENDYK Total	\$ 27.90
JAN MARIE STEPHENS Total	\$ 27.90
SHAINA KALBFLEISCH Total	\$ 27.90

Payee Name	Amount
LONG LAKE ANIMAL HOSPITAL Total	\$ 27.50
HANNAH LIORA KROHN Total	\$ 27.32
KATHLEEN DIANE SCHWARTZ Total	\$ 26.16
MICHELLE MARIE LARSON Total	\$ 26.16
PHILIP AYLWIN ASPLUND Total	\$ 26.16
SHANNON GREGORY WALTERS Total	\$ 26.16
DEIRDRE MARIE MAHONEY Total	\$ 25.58
GARY MEYER Total	\$ 25.58
PAMELA SUE CHIKAS Total	\$ 25.58
BAY WEST ANTIQUES Total	\$ 25.00
DEAN WILLIAM BOTT Total	\$ 25.00
FREDERICK SWAFFER Total	\$ 25.00
JAMES & JANICE GAC Total	\$ 25.00
JEFFREY THOMAS LAKIES Total	\$ 25.00
JULIE PERRY-TURNER Total	\$ 25.00
KRISTY DENNY Total	\$ 25.00
MARINA SILKOVSKYY Total	\$ 25.00
STEVE KORODY Total	\$ 25.00
UNIVERSAL UNDERWRITERS IN Total	\$ 25.00
JAMES WEMIGWANS Total	\$ 24.50
LISA MARIE RANEY Total	\$ 24.25
ALISA GALLO Total	\$ 24.04
JESSE JEROME CURLEY Total	\$ 24.00
EMILY RICE Total	\$ 23.43
HANOVER INSURANCE COMPANY Total	\$ 23.08
BRITTANY COMBS Total	\$ 23.00
MATILDE JUAN TORRES Total	\$ 22.92
JAMES WILLIAM RHODES JR Total	\$ 22.50
PAMELA SUE MCMANUS Total	\$ 22.50
CORINNA BALENTINE Total	\$ 22.00
TYLER CHRISTOPHER LANE Total	\$ 21.50
ALCOTEC PENSION FUND Total	\$ 21.29
VICTOR WILLIAM DINSMOORE Total	\$ 21.15
JOSEPH CHARLES HALEK Total	\$ 20.00
RENEE MICHELLE WINTERS Total	\$ 20.00
TAYLOR RENEE BECKER Total	\$ 20.00
JACKIE G JAMESON Total	\$ 19.98
NORTHERN MICHIGAN JANITOR Total	\$ 18.95
JACOB ALLAN MYERS Total	\$ 18.75
RYAN LYNN WEJROWSKI Total	\$ 18.75
FEDERAL EXPRESS CORP. Total	\$ 18.72
SHIRLEY ZERAFA Total	\$ 18.45
BENJAMIN JAMES WALTERS Total	\$ 18.00
ALEX PAUL CHINGMAN Total	\$ 17.50
CHARMAINE BROACH DRESSLER Total	\$ 17.50
CYNTHIA LYNN REASONER Total	\$ 17.50

Payee Name	Amount
JILL LAMONT THAYER Total	\$ 17.50
KIMBERLY SUE TEEPLE Total	\$ 17.50
HOLLY M WILLOUGHBY Total	\$ 17.40
ARTHUR NICKERSON Total	\$ 17.26
CAPITAL TITLE INSURANCE A Total	\$ 16.75
JANA ROCKNE . Total	\$ 16.75
SUE G HODGES Total	\$ 16.75
COLLEEN RUTH ZANOTTI Total	\$ 16.50
GERALD KRAJENKE Total	\$ 16.46
JOANNE PERRY MCGURN Total	\$ 16.25
WILLIAM JON GROMBALA Total	\$ 16.25
IVAJOAN MABLE LEGG Total	\$ 16.00
SUSAN MARIE POMORSKI Total	\$ 16.00
HENRY TENBRINK Total	\$ 15.97
PATRICK PREVO Total	\$ 15.97
ERICCA HOVIE Total	\$ 15.83
AMBER CRYSTAL SMITH Total	\$ 15.50
ELINORE ELIZABETH DAKE Total	\$ 15.50
LORI LYNN CRAIG Total	\$ 15.50
MICHELLE YVONNE MORTON Total	\$ 15.50
DONNA GERHARD Total	\$ 15.48
KELLY AMBER ALPERS Total	\$ 15.25
GILBERTS SERVICE OIL CO Total	\$ 15.00
JEANNE OSBURN Total	\$ 14.63
UNITED PARCEL SERVICE Total	\$ 14.26
BONNIE SCHEELE Total	\$ 14.00
CHRIS BARSHEFF Total	\$ 14.00
CYMANTHA KOSTECKI Total	\$ 14.00
LISA M EMERY Total	\$ 14.00
MICHAEL SHEA Total	\$ 14.00
COURTNEY L CIESLIK-SHANN Total	\$ 13.22
BRANDON DAVID TINKER Total	\$ 12.60
CHEMICAL BANK MIDLAND Total	\$ 12.50
COUNTRY INN & SUITES OF T Total	\$ 12.50
KINNEY'S COMPLETE AUTO Total	\$ 12.50
MICHIGAN MUNICIPAL LIABIL Total	\$ 12.50
TRAVERSE REPRODUCTION & S Total	\$ 11.40
BOB MENZIES Total	\$ 11.20
VALERIE HOUSOUR Total	\$ 11.20
CHRISTOPHER LEE TICE Total	\$ 11.00
ANN BIXBY Total	\$ 10.00
MAXWELL MEDALS & AWARDS Total	\$ 10.00
NORTHWEST MICHIGAN ASSESS Total	\$ 10.00
TAWNI YOUNG Total	\$ 10.00
ART'S AUTO & TRUCK PARTS Total	\$ 9.95
DANIEL BRIAN HARTMAN Total	\$ 8.20

Payee Name	Amount
CARISSA BLONSHINE Total	\$ 8.00
MORGANA VICTORIA HUGHES Total	\$ 8.00
LANA PAYNE Total	\$ 7.89
GRANT TOWNSHIP Total	\$ 7.34
MARSHA JOHNSON Total	\$ 6.96
MARY CAITLIN MCKEE Total	\$ 6.00
ANNA M WEESE Total	\$ 5.66
GAUTHIERS ARCHERY Total	\$ 5.44
GRAND TRAVERSE DIESEL Total	\$ 5.44
YOUNG SUPPLY COMPANY Total	\$ 5.35
RICHARD ANDREW SARLES Total	\$ 4.00
ARTS AUTO & TRUCK Total	\$ 2.40
R&S NORTHEAST LLC Total	\$ 0.42
AMANDA MARIE MOEN Total	\$ -
CENTER FOR AUTOMOTIVE RES Total	\$ -
COREY MICHAEL ESCH Total	\$ -
EMILY TATE Total	\$ -
JACOB EDWARD MELICHAR Total	\$ -
RICHARD & CINDY HOOD TRUS Total	\$ -
STACY BATES Total	\$ -
DUSTIN FAY ERGANG Total	\$ (6.00)
KRISTA SUSAN SNIDER Total	\$ (6.80)
MARC RYAN Total	\$ (10.00)
NICHOLAS OTTO Total	\$ (10.00)
MICHAEL LAWRENCE FULKER Total	\$ (12.00)
MATTHEW VAUGHAN Total	\$ (13.20)
ABIGAIL YAQIONG NIELSEN Total	\$ (14.00)
EMILI MICHELE JACKSON Total	\$ (16.25)
JESSICA HOCKETT Total	\$ (16.50)
DON ACKERMAN Total	\$ (17.50)
DENISE DOSSIN SHANAHAN Total	\$ (19.50)
MELISSA CHRISTINE MORGAN Total	\$ (20.00)
ROBERT A TESTERMAN Total	\$ (20.00)
TERESA ANN AMATO Total	\$ (20.00)
MEGAN TOWN Total	\$ (22.50)
ARMINDA MARIE COMBS Total	\$ (23.00)
AUSTIN FLOYD Total	\$ (25.00)
THOMAS WAYNE WALT Total	\$ (25.58)
KAREN JEANNE STRICKLER Total	\$ (26.73)
THOMAS JAMES BURCAR Total	\$ (27.30)
TRACEY KALEITA Total	\$ (27.50)
GORDON SMITH Total	\$ (30.00)
SUNIL NAIR Total	\$ (30.00)
JUDY HANDLEMAN MURPHY Total	\$ (30.75)
TYLER KAINE COLEMAN Total	\$ (30.75)
LAURA GRACE BUCHANAN Total	\$ (33.63)

Payee Name	Amount
WILLIAM HAROLD BOWER Total	\$ (35.35)
GARRETT MICHAEL BOYD Total	\$ (38.23)
NATHAN GERBE Total	\$ (39.95)
AMBER MARIE VANDUSSEN Total	\$ (43.40)
SARA NACHAZEL Total	\$ (45.87)
ZACHARY RYAN EGERER Total	\$ (50.00)
ANTHONY SCHWEIFLER Total	\$ (648.99)
Grand Total	\$ 4,338,271.72



Action Request

Meeting Date:	August 21, 2019		
Department:	Finance	Submitted By:	Dean Bott
Contact E-Mail:	dbott@grandtraverse.org	Contact Telephone:	922-4680
Agenda Item Title:	FY2019 Budget Amendments		
Estimated Time:	Board Packet (in minutes)	Laptop Presentation:	☐ Yes ☒ No

Summary of Request:

Public Act 2 of 1968, the Uniform Budgeting and Accounting Act for Local Units of Government, provides for amendments to the adopted budget upon anticipation of a variance in revenues and/or expenditures. The Finance Department and Department Heads monitor current year activity on an ongoing basis to identify such variances. Consistent with County policy, departments have prepared and the Finance Department has reviewed the attached FY2019 budget amendment requests. Board of Commissioners approval is requested to amend the adopted FY2019 budget as presented.

Suggested Motion:

Approve FY2019 budget amendments as presented.

Financial Information:

Total Cost:	n/a	General Fund Cost:	n/a	Included in budget:	☐ Yes ☒ No
-------------	-----	--------------------	-----	---------------------	---

If not included in budget, recommended funding source:

n/a

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director	Dean Bott	8/14/2019
Human Resources Director		
Civil Counsel		
Administration:	☐ Recommended	Date:
Miscellaneous:		

Attachments:

Attachment Titles:
Budget Amendments Fiscal Year 2019

RESOLUTION

XX-2019

**Finance Department
Budget Amendments**

WHEREAS, the Grand Traverse County Board of Commissioners met in regular session on August 21, 2019, and reviewed budget amendments for Fiscal Year 2019 that have been requested by the Director of Finance and are recommended for approval; and,

WHEREAS, Public Act 2 of 1968, the Uniform Budgeting and Accounting Act for Local Units of Government, provides for amendments to the adopted budget upon anticipation of a variance in revenues and/or expenditures; and,

WHEREAS, The Finance Department and Department Heads monitor current year activity on an ongoing basis to identify such variances; and,

WHEREAS, Consistent with County policy, departments have prepared and the Finance Department has reviewed the attached FY2019 budget amendment requests; and,

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS,
THAT the attached budget amendments for the Fiscal Year 2019 budget are hereby approved.
(See file for attachments.)

APPROVED: August 21, 2019



GRAND TRAVERSE COUNTY Budget Amendment Request

Department: Parks & Recreation

Submitted by: Dean Bott

Budget Number: 27414 & 27419

Budget Adjustment Option:

- ☐ A Increase an expenditure and decrease an expenditure
☒ B* Increase an expenditure and increase a revenue
☐ C* Decrease an expenditure and decrease a revenue
☐ D Decrease a revenue and increase a revenue

Directions: Check appropriate option. Only one option per form. Only one fund number per form.
Please use whole dollar amounts only.

*Requires board approval

☒ Increase Account Number	☐ Decrease Account Name	Amount
208-761-675.00	Contributions - Private Sources	75,000.00
208-761-669.00	Rents	25,000.00

100,000.00

☒ Increase Account Number	☒ Decrease Account Name	Amount
208-761-977.00	Machinery & Equipment	100,000.00

100,000.00

Summary:

Budget Mahogany Foundation contribution and Centre Ice payment for Howe Arena bleacher replacement.

Signature: Dean Bott

Date: 8/2/2019

Accountant Approval: _____

Date: _____

Finance Director Approval: Dean Bott

Date: 8/21/2019

Board of Commissioner Meeting Approval Date: 8/21/2019



GRAND TRAVERSE COUNTY Budget Amendment Request

Department: Health Department

Submitted by: Marissa Milliron

Budget Number: 27408

Budget Adjustment Option:

- ☐ A Increase an expenditure and decrease an expenditure
☒ B* Increase an expenditure and increase a revenue
☐ C* Decrease an expenditure and decrease a revenue
☐ D Decrease a revenue and increase a revenue

Directions: Check appropriate option. Only one option per form. Only one fund number per form.
Please use whole dollar amounts only.

* Requires board approval

☒ Increase	☐ Decrease	Account Number	Account Name	Amount
		222 624 543.00	State grant	100,000.00
		222 624 553.00	Medicaid reimbursement	5,000.00
		222 624 601.01	Charges for services	1,000.00
		222 624 626.41	Insurance reimbursement	4,000.00

☒ Increase	☐ Decrease	Account Number	Account Name	Amount
		222 624 702.00	Full time & regular part-time	50,000.00
		222 624 705.00	Personal time	500.00
		222 624 715.00	FICA	4,000.00
		222 624 716.00	Health, optical and dental	4,000.00
		222 624 716.02	Short & long-term disability	500.00
		222 624 717.00	Life insurance	500.00
		222 624 718.01	Retirement DC	5,000.00
		222 624 718.05	Retirement DB	5,000.00
		222 624 719.00	Worker's comp insurance	750.00
		222 624 727.00	Office supplies	5,000.00
		222 624 729.00	Printing	1,000.00
		222 624 729.02	Copy machine use	500.00
		222 624 730.00	Postage	750.00
		222 624 743.00	Other supplies	10,000.00
		222 624 760.00	Medical supplies	500.00
		222 624 761.00	Drugs, pharmaceuticals	500.00
		222 624 812.00	IT charges	6,400.00
		222 624 818.00	Contract services	100.00
		222 624 860.00	Travel	500.00
		222 624 860.01	Conventions & conferences	1,000.00
		222 624 909.00	Advertising	500.00
		222 624 941.02	System software	2,000.00
		222 624 942.00	Indirect costs	5,000.00
		222 624 942.01	County indirect cost	3,000.00
		222 624 969.59	Personal health indirect cost	3,000.00

110,000.00

Check Figure -

Summary:

To create a budget for the new grant agreement with Michigan Primary Care Association (MPCA) for the enhanced mental health funding site at Traverse City West High School. This grant is for \$100,000 with the effective dates from June 1, 2019 through September 30, 2020. The grant is to provide a 1.0 master level behavioral health counselor at this site to provide mental health services. The grant agreement was approved by the Board of Commissioners at the July 17, 2019 board meeting.

Signature: [Signature]

Date: 7/30/2019 USH

Accountant Approval: C. Q. Woy

Date: 8/1/19

Finance Director Approval: [Signature]

Date: 8/1/19

Board of Commissioner Meeting Approval Date: 8-21-2019



GRAND TRAVERSE COUNTY Budget Amendment Request

Department: Health Department

Submitted by: Marissa Milliron

Budget Number: 27409

Budget Adjustment Option:

- ☐ A Increase an expenditure and decrease an expenditure
☒ B* Increase an expenditure and increase a revenue
☐ C* Decrease an expenditure and decrease a revenue
☐ D Decrease a revenue and increase a revenue

Directions: Check appropriate option. Only one option per form. Only one fund number per form.
Please use whole dollar amounts only.

*Requires board approval

☒ Increase ☐ Decrease

Account Number	Account Name	Amount
222 627 543.00	State grant	100,000.00
222 627 553.00	Medicaid reimbursement	5,000.00
222 627 601.01	Charges for services	1,000.00
222 627 626.41	Insurance reimbursement	4,000.00

☒ Increase ☐ Decrease

Account Number	Account Name	Amount
222 627 702.00	Full time & regular part-time	50,000.00
222 627 705.00	Personal time	500.00
222 627 715.00	FICA	4,000.00
222 627 716.00	Health, optical and dental	4,000.00
222 627 716.02	Short & long-term disability	500.00
222 627 717.00	Life insurance	500.00
222 627 718.01	Retirement DC	5,000.00
222 627 718.05	Retirement DB	5,000.00
222 627 719.00	Worker's comp insurance	750.00
222 627 727.00	Office supplies	5,000.00
222 627 729.00	Printing	1,000.00
222 627 729.02	Copy machine use	500.00
222 627 730.00	Postage	750.00
222 627 743.00	Other supplies	10,000.00
222 627 760.00	Medical supplies	500.00
222 627 761.00	Drugs, pharmaceuticals	500.00
222 627 812.00	IT charges	6,400.00
222 627 818.00	Contract services	100.00
222 627 860.00	Travel	500.00
222 627 860.01	Conventions & conferences	1,000.00
222 627 909.00	Advertising	500.00
222 627 941.02	System software	2,000.00
222 627 942.00	Indirect costs	5,000.00
222 627 942.01	County indirect cost	3,000.00
222 627 969.59	Personal health indirect cost	3,000.00

110,000.00

Check Figure -

Summary:

To create a budget for the new grant agreement with Michigan Primary Care Association (MPCA) for the enhanced mental health funding site at Kingsley Middle School. This grant is for \$100,000 with the effective dates from June 1, 2019 through September 30, 2020. The grant is to provide a 1.0 master level behavioral health counselor at this site to provide mental health services. The grant agreement was approved by the Board of Commissioners at the July 17, 2019 board meeting.

Signature: [Signature]

Date: 7/30/2019 WST

Accountant Approval: C. Q. Wolf

Date: 8/1/19

Finance Director Approval: Adam Post

Date: 8/1/19

Board of Commissioner Meeting Approval Date: 8-21-2019



Action Request

Meeting Date:	8/21/2019		Kristine Erickson
Department:	Parks and Recreation	Submitted By:	and Chris Kushman
Contact E-Mail:	kerickson@grandtraverse.org	Contact Telephone:	231-922-4511
Agenda Item Title:	Request for Support of Application for Grant for Civic Center Master Planning ☒ Yes ☐ No		
Estimated Time:	Consent Calendar (in minutes)	Laptop Presentation:	

Summary of Request:

During its regular meeting on May 9, 2019, Parks and Recreation Commissioners passed Resolution 03-2019: "Resolution to Develop a Master Site Plan for Civic Center Park, and Approve Concepts to Include in Plan" (attached). Civic Center Park needs a master site plan because the park, which receives between 700,000 and one million visitors annually, is used more than ever before, and the layout and some of the facilities and green spaces are outdated to the point where they no longer serve their highest and best uses for our community. All park projects in the history of this park have been developed and executed individually, rather than part of a cohesive park blueprint. Parks and Recreation can better address the community's needs through a master site planning process to design an accessible park that provides quality services and recreation for years to come. A master site plan for Civic Center Park will: provide a cohesive, collective design blueprint for facilities, parking, and green spaces; build credibility, support, and consensus from community members, partners, and patrons who use the park and pay taxes to fund the park; keep the park's needs and its community assets at the forefront for the community; identify capital improvement goals necessary to assess fiscal requirements and fundraising needs; guide critical decisions about the park's facilities, infrastructure, programs, and services; develop recommendations and an implementation strategy for each project identified in the plan. The master planning process will be used to transform our community's vision for the Civic Center into tangible, professionally executed plans to offer quality recreation opportunities, well-maintained facilities, and a customer-focused and responsive park system. Master Site Plan Steps: (1) visioning/goal-setting sessions and interviews with public, patrons, partners, program providers; (2) public input meetings and focus groups (3) surveys of EVERYONE possible, in person and using Internet tools; (4) use a professional consultant with appropriate skills to translate information gathered from steps (1) through (3) above to develop site plan. Site Plan Contents: Community Vision Statement; Data Analysis; Existing Park Conditions; Trends, Estimates, and Future Projections; Goals, Policies, and Actions; Maps; List of Priorities and Timeline for Implementation (which is dependent on funding/fundraising). Site Planning Cost Estimate: \$7,500 to \$15,000, including maps and renderings. Time Frame: Six months to one year. Rotary Charities has encouraged Parks and Recreation to apply for a \$10,000 seed grant for master site planning process. Such seed grants fund the beginning stages of projects with the potential for broad community impact and may precede applications for larger "Assets for Thriving Communities" or "Systems Change Accelerator" grants. Resolutions of support or certified minutes with passed motions of support for this grant application from the Parks and Recreation Commission and the County Board of Commissioners are required to be submitted with the application. Parks and Recreation Commissioners on August 8, 2019 passed the motion to "authorize Director to apply for a Rotary Charities seed grant for the master site plan at the Civic Center, and to authorize expending \$5,000 from the Parks and Recreation Commission's budget toward this project as the required match." Target grant application date is September 15. If awarded the seed grant, then an RFP to hire a consultant to facilitate the Civic Center Park's master site planning process would be issued in October 2019.

REQUEST: Support from the County Board of Commissioners for Parks and Recreation for Parks and Recreation to develop a master site plan for Civic Center Park and to apply for a Rotary Charities seed grant for \$10,000, with a \$5,000 match amount from Parks and Recreation, to fund the process.
☒ Yes ☐ No

Financial Information:

Total Cost:	\$15,000.00	General Fund Cost:	\$0.00	Included in budget:
-------------	-------------	--------------------	--------	---------------------

If not included in budget, recommended funding source:

A Rotary Charities seed grant for \$10,000 and \$5,000 match from additional revenues that have been identified within the Parks and Recreation budget.

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director		
Human Resources Director		
Civil Counsel		
Administration:	Recommended	Date:
Miscellaneous:		

Attachments:

Attachment Titles: *Signed Res 03-2019 Master Plan for CC*

RESOLUTION

XX-2019

Support of Parks & Recreation Grant Application for Civic Center Master Planning

WHEREAS, the Grand Traverse County Board of Commissioners met in regular session on August 21, 2019 and reviewed request from the Parks and Recreation Commission to support and approve grant application to Rotary Charities to develop a master site plan for the Civic Center Park ; and,

WHEREAS, at their May 9, 2019, the Parks & Recreation Commission approved a resolution to “Develop a Master Site Plan for Civic Center Park, and Approve Concepts to Include in Plan”; and,

WHEREAS, the cost estimate for a site plan is \$7,500-\$15,000 of which Parks & Recreation has identified \$5,000 to be used toward matching funds for grant application; and,

WHEREAS, the Parks Commission is requesting support and approval from the Board of Commissioners to develop and master site plan for the Civic Center Park and to apply for grant funding in the amount of \$10,000 from Rotary Charities using \$5,000 for a match amount to fund the process.

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS, THAT Grand Traverse County supports the Parks and Recreation Commission in their effort to develop a master site plan for the Civic Center Park.

BE IT FURTHER RESOLVED THAT the Board of Commissioners approve moving forward with a grant application requesting \$10,000 from Rotary Charities with a \$5,000 match from Parks & Recreation to fund the process.

BE IT FURTHER RESOLVED THAT, the Board of Commissioners authorizes the Board Chair or County Administrator to effectuate the necessary documents to implement the Board authorized action.

APPROVED: August 21, 2019

At a Regular Meeting of the Grand Traverse County Parks and Recreation Commission, held on the 9th day of May 2019, at 5 p.m., with eight members present, the following resolution was proposed:

Motion by: Commissioner Hentschel

Supported by: Commissioner Largent

Grand Traverse County Parks and Recreation Commission
RESOLUTION 03-2019

RESOLUTION TO DEVELOP A MASTER SITE PLAN FOR CIVIC CENTER PARK, AND APPROVE CONCEPTS TO INCLUDE IN PLAN

WHEREAS, Grand Traverse County's Civic Center Park is a County park located in Traverse City serving between 700,000 and 1,000,000 visitors annually, with usage increasing every year, and

WHEREAS, the park has facilities with mixed uses – athletic fields, basketball court, pavilion, amphitheater, playground, indoor pool, arena, skate park, picnic area, walking-jogging path, Native American Marker Tree, indoor and outdoor concession stands, and

WHEREAS, the Parks and Recreation Department and Facilities Management Department offices and related spaces are also located at the park, and

WHEREAS, Parks and Recreation also leases spaces to park user and partner organizations Norte Youth Cycling Group, Parallel 45 Theatre, Centre I.C.E., City of Traverse City, and

WHEREAS, Howe Arena at the Civic Center is leased on a short-term basis each year to organizers for various trade shows and events, and

WHEREAS, Civic Center Park serves many different user groups providing very different recreation and cultural programs, serves organizers who use the arena for trade shows and events, and serves in-county and out-of-county residents who use park amenities on an individual basis, and

WHEREAS, as use of the Civic Center has increased during the past few years, so has vehicle traffic and pedestrian traffic increased which, in turn, has led to the need for better parking management to prevent dangerous conflicts or accidents between pedestrians and vehicles, and

WHEREAS, during its regular meeting on February 15, 2018, the Parks and Recreation Commission approved the concept of a developing a traffic garden at the Civic Center (to be used to provide programs that will teach the youth of Grand Traverse County and beyond how to navigate and be safe in and around traffic when walking and cycling), and authorized Norte and Parks and Recreation to pursue grants for developing a traffic garden concept and proposal for the Civic Center, and

WHEREAS, on August 7, 2018, during a Joint Study Session of the Business Development Team and Fees Ad Hoc Committee of the Grand Traverse County Parks and Recreation Commission, trade show organizers and Parks and Recreation Commissioners in attendance assessed the area north of the Civic Center building and discussed options for eliminating parking in that area all together, and providing alternative parking for show and event vendors, and

APPROVED: May 9, 2019

WHEREAS, during its regular meeting on Thursday, October 11, 2018, the Parks and Recreation Commission unanimously passed a motion to appropriate funds to retain the consulting services of Nate Elkins, ASLA, Studio Director of Influence Design Forum, to “examine traffic flow at and result in landscaping recommendations for the Civic Center,” with the intent of building a foundation for a new master plan for the Civic Center and resulting in some broad design concepts for the north end of the park, and

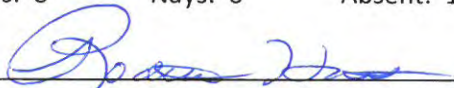
WHEREAS, during its regular meeting on February 14, 2019, the Parks and Recreation Commission passed a motion to approve and help fund additional consulting services from Influence Design Forum to include Norte’s proposed traffic garden and pump track in design concepts for the north end of Civic Center Park, and

WHEREAS, during a special meeting of the Parks and Recreation Commission on April 18, 2019, consultant Nate Elkins made a presentation titled, “North End Civic Center Conceptual Planning Concept Site Plans,” featuring broad concepts for proposed improvements, some that may be accomplished in the short-term, and others that may be incorporated into a long-term Civic Center master plan.

NOW, THEREFORE, BE IT RESOLVED that the Parks and Recreation Commission authorizes the development of a master plan for Civic Center Park, and has identified specific concepts from the “North End Civic Center Conceptual Planning Concept Site Plans” presentation to be included into that plan, along with the concepts approved for development and implementation by Parks and Recreation Department staff beginning in 2019.

NOW, BE IT FURTHER RESOLVED that the Parks and Recreation Commission directs staff to develop input sessions for prioritizing, and begin implementation during the remainder of 2019 specific concepts from the North End Civic Center Planning Concept Site Plans presentation.

Yeas: 8 Nays: 0 Absent: 1



Signature of Rodetta Harrand, President, Grand Traverse County Parks and Recreation Commission

CERTIFICATION

I, Rod Kivell, Secretary of the of the Grand Traverse County Parks and Recreation Commission, County of Grand Traverse, State of Michigan, do hereby certify that the foregoing is a true and correct copy of the Resolution adopted by the Grand Traverse County Parks and Recreation Commission during the Regular Meeting of the Grand Traverse County Parks and Recreation on the 9th day of May 2019.



Signature of Rod Kivell, Secretary, Grand Traverse County Parks and Recreation Commission

APPROVED: May 9, 2019



Action Request Form

Meeting Date:	August 21, 2019		
Department:	Information Technology	Submitted By:	Ming Mays
Contract Email:	mmays@grandtraverse.org	Contract Telephone:	231.922.4787
Agenda Item Title:	Maintenance renewal of the VMware server infrastructure		
Estimated Time:	5 minutes	Laptop Presentation:	Yes ☐ No ☒

Summary of Request:

- Bids were requested for the maintenance renewal of the VMware server infrastructure. The VMware platform hosts over 100 different virtual servers responsible for hosting information and applications for the County. VMware helps provide physical computing resources from 6 host servers to support the Virtual Machines. The maintenance agreement gives us access to VMware technical support as well as new versions and software updates to support the critical infrastructure. This bid consolidates all VMware maintenance support agreements to a single end date of 12/10/2020.

- Posted RFP on MITN site and received responses from five vendors.

Access Interactive	SHI International	Presidio	Marlor & Company Inc.	Netsolutions LLC
\$42,944.00	\$43,319.45	\$44,202.52	\$152,300.00	\$186,841.55

- Board approval on March 7, 2018 for Phase I Action Plan IT project 2018, Storage Area Network Replacement. Resolution #37-2018 – Board approve contract award to Access Interactive for SAN replacement at an annual payment of 76,619.85 for the year of 2018-2023. The new VSAN is successfully in placed on May 2018. Also, the IT Action Plan was presented on November 9, 2017 to the board and approved by the board for RFP.

Suggested Motion:

Request Board approval to annual renewal maintenance of the VMware server infrastructure through Access Interactive in the amount of \$42,944.00.

Financial Information:

Total Costs: \$ 42,944.00	General Fund Cost: NO	Included in budget:	Yes ☒ No ☐
---------------------------	-----------------------	---------------------	---

If not included in budget, recommended funding sources:

This section for Finance Director, Human Resources Director, Civil Counsel and Administration USE ONLY:

Review:	Signature	Date
Finance Director		
Human Resources Director		
Civil Counsel		
Administration Recommended: Yes ☐ No ☐		

Miscellaneous:

Attachments:

Attachment Titles:

(revised 9-2016)

R E S O L U T I O N

XX-2019

IT – VMware Server Infrastructure Maintenance Renewal

WHEREAS, The Grand Traverse County Board of Commissioners met in regular session on August 21, 2019, and reviewed request from the Director of Information Technology to approve annual renewal maintenance of the VMware server infrastructure through Access Interactive in the amount of \$42,944.00; and,

WHEREAS, bids were requested for renewal of maintenance of the VMware server infrastructure which host over 100 different virtual servers responsible for hosting information and applications for the County; and,

WHEREAS, five bids were received and Access Interactive was the low bidder at an annual cost of \$42,944.00, which is included in the budget, furthermore the agreement will be consolidated so all VMWare maintenance support agreements have an end date of 12/10/2020; and,

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS THAT Grand Traverse County approves annual maintenance agreement with Access Interactive in the amount of \$42,944.00 per year through 12-10-20.

BE IT FURTHER RESOLVED THAT, the Board of Commissioners authorizes the Board Chair or County Administrator to effectuate the necessary documents to implement the Board authorized action.

APPROVED: August 16, 2019



Action Request Form

Meeting Date:	August 21, 2019		
Department:	Information Technology	Submitted By:	Ming Mays
Contract Email:	mmays@grandtraverse.org	Contract Telephone:	231.922.4787
Agenda Item Title:	Microsoft Windows Server & SQL Licenses		
Estimated Time:	5 minutes	Laptop Presentation:	Yes ☐ No ☒

Summary of Request:

- The Grand Traverse County IT department uses Microsoft Windows Server as well as SQL Server to host critical applications for various departments. With the expansion of the vSAN in 2018 and several new line of business applications (Construction Code, Onbase upgrade, Tyler Enterprise upgrade, BS&A ERP) the county must purchase additional licenses to be in compliance with Microsoft's terms of service.

- Posted RFP on MITN site and received responses from four vendors.

SHI International	Netsolutions LLC	Malor & Company Inc.	GovConnection
\$30,922.00	\$82,373.50	\$106,700.00	\$34,223.14

- Board approval on March 7, 2018 for Phase I Action Plan IT project 2018, Storage Area Network Replacement. Resolution #37-2018 – Board approve contract award to Access Interactive for SAN replacement at an annual payment of 76,619.85 for the year of 2018-2023. The new VSAN is successfully in placed on May 2018. Also, the IT Action Plan was presented on November 9, 2017 to the board and approved by the board for RFP.

Suggested Motion:

Request Board approval to purchase Microsoft Windows Server and SQL licenses through SHI International in the amount of \$30,922.00.

Financial Information:

Total Costs: \$ 30,922.00	General Fund Cost: No	Included in budget:	Yes ☒ No ☐
If not included in budget, recommended funding sources:			
This section for Finance Director, Human Resources Director, Civil Counsel and Administration USE ONLY:			
Review:	Signature	Date	
Finance Director			
Human Resources Director			
Civil Counsel			
Administration Recommended: Yes ☐ No ☒			
Miscellaneous:			
Attachments:			
Attachment Titles:			

(revised 9-2016)

RESOLUTION

XX-2019

IT – Microsoft Windows Server & SQL Licenses

WHEREAS, The Grand Traverse County Board of Commissioners met in regular session on August 21, 2019, and reviewed request from the Director of Information Technology to approve purchase of Microsoft Windows Server and SQL licenses through SHI International in the amount of \$30,922.00; and,

WHEREAS, bids were requested for additional licenses for the Microsoft Windows Server and the SQL Server to be in compliance with Microsoft's terms of service due to expansion and new lines of business applications and received bids from four vendors; and,

WHEREAS, SHI International was the low bidder at \$30,922.00, and funding appears in the budget as part of IT's approved action plan; and,

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS THAT Grand Traverse County approves the purchase of Microsoft Windows Server and SQL licenses through SHI International in the amount of \$30,922.00.

BE IT FURTHER RESOLVED THAT, the Board of Commissioners authorizes the Board Chair or County Administrator to effectuate the necessary documents to implement the Board authorized action.

APPROVED: August 21, 2019

RESOLUTION
XX-2019

2020 Census

Whereas, the United States Census occurs once every ten years as mandated by Article I, Section 2 of the *United States Constitution*, and

Whereas, the US Census determines the populations of each state, it's subdivisions, and provides the counts to establish respective congressional districts, and

Whereas, the US Census can affect federal grants, aid, and disbursement of emergency dollars in times of need to affected localities, and

Whereas, the US Census had since the 1820's, asked citizenship status, missing only two years of that data collection, and

Whereas, an improper delineation of citizen/non-citizens can distort representation in the US House of Representatives, by giving some states with higher non-citizen populations an advantage with greater numbers in the US House of Representatives representing fewer legal voters in those states, and

Whereas, Michigan has likely lost representation because of districts being over-counted.

BE IT RESOLVED That the Grand Traverse County Board of Commissioners supports and asks for a full and proper, and complete census; One which denotes in it's population count both citizen and non-citizen properly catalogued for the purposes of assistance in times of need, and proper representation in the US House of Representatives; That the question of citizenship be included to fully execute the mission of the census to fulfill the mission as outlined in the constitution of the United States which we swore to uphold in our oath of office.

Respectfully submitted to the President, our State Representatives, and our Representative to the House of Representatives, on this date August 7, 2019.

YAYS:

NAYS:

Rob Hentschel Chair
Ron Clous Vice Chair
Gordie LaPointe Commissioner
Brad Jewett Commissioner
Sonny Wheelock Commissioner
Bryce Hundley Commissioner
Betsy Coffia Commissioner



Action Request

Meeting Date:	8/21/2019		
Department:	Finance	Submitted By:	Dean Bott
Contact E-Mail:	dbott@grandtraverse.org	Contact Telephone:	(231) 922-4680
Agenda Item Title:	Preliminary Review of Underfunded Status and Notice of Deficiencies		
Estimated Time:	10 minutes (in minutes)	Laptop Presentation:	☐ Yes ☒ No

Summary of Request:

In response to the "Preliminary Review of Underfunded Status and Notice of Deficiencies" Letter received from the Department of Treasury I have prepared the attached Application for Waiver and Plan for our Defined Benefit Pension Retirement System. The waiver is necessary because we are not funded at 60% as of December 31, 2018.

Suggested Motion:

Review and discussion of the Application for Waiver

Financial Information:

Total Cost:		General Fund Cost:		Included in budget:	☐ Yes ☒ No
-------------	--	--------------------	--	---------------------	---

If not included in budget, recommended funding source:

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director	Dean Bott	14-Aug-19
Human Resources Director		
Civil Counsel		

Administration: ☐ Recommended	Date:	
---	-------	--

Miscellaneous:

Attachments:

Attachment Titles:

RESOLUTION

XX-2019

Finance – Application of Waiver

WHEREAS, on July 24, 2019, the Department of Treasury notified the County's Finance Department that the County's MERS defined benefit system has triggered preliminary review of underfunded status pursuant to Public Act 202 of 2017; and

WHEREAS, under Public Act 202, underfunded status is triggered when a retirement system is less than 60 percent funded and the actuarially determined contribution ("ADC") for all County systems is greater than 10 percent of governmental fund revenues; and

WHEREAS, the County's MERS defined benefit system is only 48.9 % funded as of 2018, the other County MERS system, Pavilions, is 74.1 percent funded and the ADC for the County's MERS system is \$5,720,352 while the Pavilions' ADC is \$1,393,516, which when combined, is greater than 10 percent of the County's governmental fund revenues; and

WHEREAS, under Public Act 202 a local unit of government like the County may apply for a waiver of review of underfunded status if the local unit has taken prior action to adequately address the underfunded status; and

WHEREAS, in 2017 the Grand Traverse County Board of Commissioners has taken prior action to adequately address the underfunded status by entering into an amortization extension agreement with MERS whereby the County agreed to make an additional contribution to MERS of \$5,600,000 by the end of 2017 and thereafter annual level payments of \$5,900,000 each year until 2032; and

WHEREAS, more recently on April 17, 2019, the Board of Commissioners adopted a resolution directing County Administration to increase the annual payment to MERS of \$5,900,000 to \$7,400,000 in 2019, and thereafter to \$7,000,000 for each subsequent year; and

THEREFORE, BE IT RESOLVED given that Grand Traverse County has taken prior action to adequately address the underfunded status of the County MERS defined benefit system as set forth above in this resolution, the Grand Traverse County Board of Commissioners directs the County Administrator to apply for a waiver of review of underfunded status with the Michigan Department of Treasury within 45 days of July 24, 2019 as required under Public Act 202 of 2017; and

BE IT FURTHER RESOLVED the Board of Commissioners directs Administration to make a written request to the Pavilions Chief Executive Officer asking him to submit a letter to the Michigan Department of Treasury detailing the Pavilions future estimated payments of ADC under its MERS Defined Benefit System.

APPROVED: August 21, 2019

Protecting Local Government Retirement and Benefits Act

Application for Waiver and Plan:

Defined Benefit Pension Retirement Systems

Issued under authority of Public Act 202 of 2017.

1. MUNICIPALITY INFORMATION

Local Unit Name: Grand Traverse County Six-Digit Muni Code: 280000

Defined Benefit Pension System Name: MERS - County

Contact Name (Administrative Officer): Nate Alger

Title if not Administrative Officer: County Administrator

Email: nalger@grandtraverse.org

Telephone: (231) 922-4780

2. GENERAL INFORMATION

Application for Waiver and Plan: This Application for Waiver and Plan may be filed by any local unit of government with at least one defined benefit pension retirement system that has triggered a preliminary review of underfunded status. In accordance with Public Act 202 of 2017 (the Act), if the state treasurer determines that the underfunded status is adequately being addressed by the local unit of government, the state treasurer shall issue a waiver of the determination of underfunded status. If requesting a waiver, you must submit a separate and unique application for each underfunded retirement system as determined by the *2018 Retirement System Annual Report* (Form 5572).

Due Date: The local unit of government has **45 days from the date of notification** to complete and file the Application for Waiver and Plan. Failure to file within 45 days will result in a determination of underfunded status for your local unit of government as defined by the Act, and your local unit of government will be required to submit a corrective action plan to the Municipal Stability Board for approval.

Filing: This Application for Waiver and Plan must be approved by the local government's administrative officer and its governing body. **You must provide proof of your governing body approving this Application for Waiver and Plan and attach the documentation as a separate PDF document.** Failure to provide documentation that demonstrates approval from your governing body will automatically result in a denial of the waiver application.

The completed application must be submitted via email to LocalRetirementReporting@michigan.gov. **If you have multiple underfunded retirement systems, you are required to complete separate applications and send a separate email for each underfunded system.** Please attach each application as a separate PDF document in addition to all applicable supporting documentation.

The subject line of the email(s) should be in the following format: **Waiver-2018, Local Unit Name, Retirement System Name** (e.g. Waiver-2018, City of Lansing, Employees' Retirement System Pension Plan). Treasury will send an automatic reply acknowledging receipt of the email. Your individual email settings must allow for receipt of Treasury's automatic reply. This will be the only notification confirming receipt of the application(s).

Considerations for Waiver: A successful Application for Waiver and Plan will demonstrate what your local unit **has already done** to adequately address its underfunded status. Prospective solutions will not be granted merit in determining the outcome of the waiver application (e.g. future amendments to collective bargaining agreements, upcoming millage proposals, potential budget changes, etc.). However, Treasury may consider additional ongoing funding dedicated to your retirement system if those commitments have been formally enacted by the governing body and can be documented. Section three of this waiver application allows the local unit of government to enter a brief description

of prior actions that have already been implemented to adequately address its underfunded status. For purposes of Sec. 6.(1) of the Act, this application will also be considered the plan.

Underfunded status for a defined benefit pension system is defined as being less than 60% funded according to the most recent audited financial statements, and, if the local unit of government is a city, village, township, or county, the actuarially determined contribution for all of the defined benefit pension retirement systems of the local unit of government is greater than 10% of the local unit of government's annual governmental fund revenues, based on the most recent fiscal year.

3. DESCRIPTION OF PRIOR ACTIONS

Prior actions are separated into three categories below: System Design Changes, Additional Funding, and Other Considerations. Please provide a brief description of the prior actions implemented by the local government to address the retirement system's underfunded status within the appropriate category section. Within each category are sample statements that you may choose to use to indicate the changes to your system that will positively affect your funded status. For retirement systems that have multiple divisions, departments, or plans within the same retirement system, please indicate how these changes impact the retirement **system** as a whole.

Please indicate where in the attached supporting documentation these changes are described and the impact of those changes (i.e. what has the local unit of government done to improve its underfunded status, and where can we find the proof of these changes in the supporting documentation?).

Note: Please provide the name of the system impacted, the date you made the change, the relevant page number(s) within the supporting documentation, and the resulting change to the system's funded ratio.

Category of Prior Actions:

- ☒ **System Design Changes** - System design changes may include the following: Lower tier of benefits for new hires, final average compensation limitations, freeze future benefit accruals for active employees in the defined benefit system, defined contribution system for new hires, hybrid system for new hires, bridged multiplier for active employees, etc.

Sample Statement: *The system's multiplier for current employees was lowered from 2.5X to 2X for the **General Employees' Retirement System** on January 1, 2018. On page 8 of the attached actuarial supplemental valuation, it shows our funded ratio will be 60% by fiscal year 2020.*

Enter System Design Statement here:

See 2018 Actuarial Valuation Table 2: Benefit Provisions for the changes that have been implemented.
All divisions are closed (dates are indicated) with new hires on a defined contribution retirement plan
Bridged multipliers adopted for 14 of the 20 divisions
Frozen FAC adopted for 14 of the 20 divisions
Employee contributions for 16 of the 20 divisions

- ☒ **Additional Funding** – Additional funding may include the following: voluntary contributions above the actuarially determined contribution, bonding, millage increases, restricted funds, etc.

Sample Statement: *The local unit provided a lump sum payment of \$1 million to the **General Employees' Retirement System** on January 1, 2018. This lump sum payment was in addition to the actuarially determined contribution (ADC) of the*

system. The additional contribution will increase the retirement system's funded ratio to **61% by 2025**. Please see page 10 of the attached enacted budget, which highlights this contribution of **\$1 million**.

Enter Additional Funding Statement here:

Additional payments of \$5,840,000 were made in 2017 in addition to the ADC payment of \$5,174,005.
An additional payment of \$179,574 was made in 2018 in addition to the ADC payment of \$5,720,352.
An additional payment of \$1,779,512 was made in 2019 in addition to the ADC payment of \$4,120,488. These amounts total \$5,900,000 and these payment were made in January of 2019.
For 2019 an additional payment of \$750,000 was made on August 20, 2019.
An additional payment of \$750,000 will be made in the fourth quarter of 2019.

☒ **Other Considerations** – Other considerations may include the following: outdated Form 5572 information, enterprise fund revenue considerations, actuarial assumption changes, amortization policy changes, etc.

Sample Statement: The information provided on the Form 5572 from the audit used actuarial data from **201**. Attached is an updated actuarial valuation for **2018** that shows our funded ratio has improved to **62%** as indicated on page **13**.

Sample Statement: 50% of our retirement liabilities are attributable to employees within our enterprise divisions as shown in the attached analysis, yet we could not include enterprise revenue as part of our governmental funds. The attached analysis shows that our revenue ratio (ADC / Total Governmental Funds) would only be 5% when including enterprise funds within the calculation.

Enter Other Considerations Statement here:

See the 2019 Quarterly Statements of Fiduciary Net Position attached which show the 2019 payments that were made in the first quarter of the year.

Please also see the attached Pension Policy which establishes an annual pament of \$7,000,000 beginning in 2020.

4. DOCUMENTATION ATTACHED TO THIS WAIVER APPLICATION AND PLAN

Documentation must be attached as a .pdf to this waiver application. The documentation must demonstrate the prior actions that have already been implemented to adequately address the local unit of government's underfunded status. Please ensure this documentation directly supports and highlights the systems funded ratio as entered in section three of the waiver application above. Please check all documents that are included as part of this application and attach in successive order as provided below:

Naming convention: when attaching documents please use the naming convention shown below. If there is more than one document in a specific category that needs to be submitted, include a, b, or c for each document. For example, if you are submitting two supplemental valuations, you would name the first document "Attachment 2a" and the second document "Attachment 2b".

Continued on Page 4.

Page 3

Naming Convention

- ☒ Attachment – I
- ☒ Attachment – 1a
- ☒ Attachment – 2a
- ☐ Attachment – 3a
- ☐ Attachment – 4a
- ☒ Attachment – 5a
- ☐ Attachment – 6a
- ☒ Attachment – 7a

Type of Document

This Waiver Application and Plan (Required)

Documentation from the governing body approving the Waiver Application and Plan (Required)

Actuarial Analysis (annual valuation, supplemental valuation, projection)

Internally Developed Projection Study

Documentation of additional payments in past years that is not reflected in your audited financial statements (e.g. enacted budget, system provided information).

Documentation of commitment to additional payments in future years (e.g. resolution, ordinance)

A plan that the local unit has already approved to address its underfunded status, which includes documentation of prior actions and the positive impact on the system's funded ratio

Other documentation, not categorized above

5. LOCAL UNIT OF GOVERNMENT'S ADMINISTRATIVE OFFICER APPROVAL OF WAIVER APPLICATION AND PLAN

I Nate Alger, as the government's administrative officer (*enter title*)
County Administrator (Ex: City/Township Manager, Executive director, Chief Executive Officer, etc.) approve this Application for Waiver and Plan. We are requesting a waiver of underfunded status, because we have already implemented substantial changes to our retirement system as described above.

I confirm to the best of my knowledge that because of the changes listed above the following statement will occur:

The Retirement Pension System listed below will achieve a funded status of at least 60% by the Fiscal Year listed below.

Retirement Pension System Name: MERS - County Fiscal Year: 2021

Signature: _____

Date: _____



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RACHAEL EUBANKS
STATE TREASURER

July 24, 2019

**Preliminary Review of Underfunded Status and
Notice of Deficiencies**

Fiscal Year: 2018

Municipality Code: 280000

Report ID Number: 92033

Sent Via Email

Grand Traverse County

dbott@grandtraverse.org

RE: Retirement System Annual Report

Dear Administrative Officer or Designee:

Based upon review of your *2018 Retirement System Annual Report* (Form 5572) and pursuant to Public Act 202 of 2017 (the Act), one (or more) of your retirement systems has triggered a preliminary review of underfunded status. Unless you apply for a waiver within **45 days** and your application is granted, your local unit of government will receive a determination of underfunded status.

The following system(s) are underfunded:

MERS - County

Optional: How to Apply for a Waiver of Underfunded Status

In accordance with the Act, you **may** apply for a waiver for each applicable system. The attached Application for Waiver and Plan has a cover sheet with detailed instructions on how to complete the application. The completed application is due back to the Department of Treasury within **45 days** from the date of this preliminary review letter, via email to LocalRetirementReporting@Michigan.gov.

If you have multiple underfunded retirement systems, you are required to complete a separate waiver application for each system and send a separate email for each system. Please attach each application as a separate PDF document in addition to all applicable supporting documentation. The subject line of the email should be in the following format: **Waiver-2018, Local Unit Name, Retirement System Name** (e.g. Waiver-2018,

City of Lansing, Employees' Retirement System Pension Plan). The following conditions are essential for your waiver application(s) to be considered for approval:

- Your Application for Waiver and Plan must be approved by your administrative officer and governing body before it is sent to Treasury. Documentation from your governing body approving the Application for Waiver and Plan must be attached as a PDF document.
- Your Application for Waiver and Plan shall not include prospective plans or solutions (e.g. future CBA amendments, upcoming millage proposals, potential budget changes, etc.). Your plan must demonstrate prior actions that your local unit has already implemented to adequately address its underfunded status. However, Treasury may consider additional ongoing funding dedicated to your retirement system if those commitments have been formally enacted by the governing body and can be documented.

If the state treasurer determines that the underfunded status is adequately being addressed by the local unit of government, the state treasurer shall issue a waiver of the determination of underfunded status.

After receiving your Application for Waiver and Plan, Treasury will send a letter informing your local unit of government if the waiver is granted. If the waiver is not granted, Treasury will provide a notification detailing the reasons for denial.

Next Steps: If a Waiver is Denied or you Do Not apply for a Waiver

- Treasury will notify the local unit of government and request a corrective action plan for the Municipal Stability Board (the Board) to review.
- After receipt of this notification from Treasury, your local unit must develop and submit a corrective action plan for each underfunded system to submit to the Municipal Stability Board (the Board) for review. The local unit of government is responsible for determining the components of the corrective action plan(s). The governing body of the local unit of government must approve the corrective action plan(s) before submission to the Board.
- The corrective action plan(s) must be submitted to the Board within 180 days after the notification of underfunded status.
- The Board must approve or reject a corrective action plan(s) within 45 days after it is submitted.

****One other important note:** Our review of your 2018 Form 5572 revealed data that was inconsistent with the data in your most recent audited financial statements. We wanted to bring this to your attention to assist you with completing this form in future

years. **Again, please note, you do not need to resubmit your Form 5572 as this is for your information only.**

The noted **deficiencies** are as follows:

- Please refer to page 16 of your 2018 audited financial statements to find the correct data. For line 6 on the "Health Care (OPEB) Report" tab, you entered an amount of \$0. The correct amount is \$57,420,564.

Required Payments for Retirement Health Benefits

Pursuant to Section 4(1)(a) of the Act, local units that offer a retirement health benefit system are required to pay the following:

- 1.) **Normal costs for employees first hired after June 30, 2018.**
- 2.) Any retiree premiums that are due for retirants in the retirement system.

Beginning with Form 5572 submissions for fiscal year 2019, retirement health benefit systems will trigger preliminary underfunded status if your local unit responds "no" to either question for the payment requirements listed above. If your local unit no longer offers a retirement health benefit to new employees, you may select "N/A" within the Form 5572.

Early submission of your Application for Waiver and Plan allows greater opportunity for conversation and clarification with Treasury and is strongly encouraged. Thank you for your continued compliance with the requirements of the Act. If you have any questions, please visit Michigan.gov/LocalRetirementReporting for step-by-step reporting instructions and helpful FAQs, or email our office at LocalRetirementReporting@michigan.gov. If you would prefer to speak with a member of our team, please schedule a phone call appointment using the [Local Retirement Calendar](#). A staff member will contact you via the phone number you provide at your scheduled time..

Sincerely,

Michigan Department of Treasury
Local Retirement Reporting Team



Action Request

Meeting Date:	8/21/2019		
Department:	Finance	Submitted By:	Dean Bott
Contact E-Mail:	dbott@grandtraverse.org	Contact Telephone:	(231) 922-4680
Agenda Item Title:	Refunding Grand Traverse County Building Authority Series 2012 Bonds		
Estimated Time:	10 minutes (in minutes)	Laptop Presentation:	☐ Yes ☒ No

Summary of Request:

Bond counsel has reviewed the Grand Traverse County Building Authority Series 2012 Bonds and has determined that outstanding bonds totalling \$3,820,000 could be refunded and would generate approximately \$360,000 in savings due to the current lower interest rates that are anticipated with the refunding bonds. With a refunding bond issue the current or prior bonds are retired and replaced with a new series of bonds. The term of the bonds will not change. The Building Authority reviewed the Refunding Analysis on July 23, 2019 and recommended that the County proceed with the refunding. The Series 2012 Bonds were issued to finance the construction of the Health Services Building on LaFranier.

Suggested Motion:

Discussion and approval of the attached Resolution to authorize the refunding of the Grand Traverse County Building Authority Series 2012 Bonds and approving the undertaking to provide continuing disclosure.

Financial Information:

Total Cost:		General Fund Cost:		Included in budget:	☒ Yes ☐ No
-------------	--	--------------------	--	---------------------	---

If not included in budget, recommended funding source:

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director	Dean Bott	14-Aug-19
Human Resources Director		
Civil Counsel		

Administration: ☐ Recommended	Date:	
---	-------	--

Miscellaneous:

Attachments:

Attachment Titles:

**COUNTY OF GRAND TRAVERSE
BOARD OF COMMISSIONERS**

At a _____ meeting of the Board of Commissioners of the County of Grand Traverse held in Traverse City, Michigan on _____, 2019, at ____:____.m. Eastern Time, there were

PRESENT: _____

ABSENT: _____

The preamble and resolution were offered by Commissioner _____ and seconded by Commissioner _____.

**RESOLUTION AUTHORIZING REFUNDING OF THE
GRAND TRAVERSE COUNTY BUILDING AUTHORITY,
BUILDING AUTHORITY BONDS, SERIES 2012 AND
APPROVING THE UNDERTAKING TO PROVIDE CONTINUING DISCLOSURE**

WHEREAS, pursuant to the provisions of Act No. 31, Public Acts of Michigan, 1948, first extra session, as amended, ("Act 31") the Grand Traverse County Building Authority (the "Authority") and the County of Grand Traverse (the "County"), have entered into a Lease Contract dated as of December 1, 2011 (the "Contract") (as listed in Appendix A); and

WHEREAS, pursuant to the Contract, the Building Authority has issued a series of its bonds which remain outstanding as listed in Appendix B (the "Bonds") known as the Grand Traverse County Building Authority, Building Authority Bonds, Series 2012 dated February 1, 2012 maturing in the years 2012 through 2036 which were issued originally for the purpose of furnishing and equipping of a health service building for use in the County.

WHEREAS, the Bonds remain outstanding in the aggregate principal amount of \$3,820,000, mature in various principal amounts in various years and bear interest at various rates per annum which rates of interest are higher than those now prevailing which when refunded in part will generate estimated net savings in excess of \$360,000; and

WHEREAS, Act 31 and Act No. 34, Public Acts of Michigan, 2001, as amended ("Act 34") authorize the Authority to refund all or any part of its indebtedness; and

WHEREAS, the Authority will authorize the issuance of not to exceed \$3,975,000 in building authority refunding bonds (the "Refunding Bonds"); and

WHEREAS, in order to provide for the Refunding Bonds and to comply with federal securities regulations, it is necessary to approve the undertaking to provide continuing disclosure which Continuing Disclosure Certificate (the "Disclosure Certificate") shall be in the form attached to the Official Statement for the Refunding Bonds.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF GRAND TRAVERSE as follows:

1. After any refunding bonds are issued, the Authority shall report to the County on the new debt service schedule and the savings in total principal and interest and attach a new debt service schedule to the Contract.

2. This Board of Commissioners of and on behalf of the County of Grand Traverse, hereby covenants and agrees, for the benefit of the beneficial owners of the Refunding Bonds to be issued by the Grand Traverse County Building Authority, to enter into a written undertaking (the "Undertaking") required by Rule 15c2-12 promulgated by the Securities and Exchange Commission pursuant to the Securities and Exchange Act of 1934 (the "Rule") to provide continuing disclosure of certain financial information and operating data and timely notices of the occurrence of certain events in accordance with the Rule. The Undertaking shall be substantially in the form attached to the Official Statement for the Refunding Bonds. The Undertaking shall be enforceable by the beneficial owners of the Refunding Bonds or by the Underwriter on behalf of such beneficial owners (provided that the Underwriter's right to enforce the provisions of the Undertaking shall be limited to a right to obtain specific enforcement of the County's obligations hereunder and under the Undertaking), and any failure by the County to comply with the provisions of the Undertaking shall not be deemed a default with respect to the Refunding Bonds.

The County Treasurer, County Clerk or other officer of the County charged with the responsibility for issuing the Refunding Bonds, shall provide a Continuing Disclosure Certificate for inclusion in the transcript of proceedings, setting forth the details and terms of the County's Undertaking.

3. The Disclosure Certificate (which shall be in the form attached to the Official Statement used for the bonds) is hereby approved as is the execution thereof by the designated officials.

4. The Chief Administrative Officer of the County, if necessary, is authorized to execute any and all documents required for approval of such refunding by the State of Michigan or any agency thereof and to provide any necessary documentation and to pay the related fee.

5. All resolutions and parts of resolutions insofar as they may be in conflict herewith are hereby rescinded.

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

YES:

NO:

ABSTAIN:

The Resolution was declared adopted.

STATE OF MICHIGAN)
) §
COUNTY OF GRAND TRAVERSE)

CERTIFICATION

The undersigned, being the duly qualified and acting Clerk of the County OF Grand Traverse, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Board of Commissioners of the County at a regular meeting held on August ____, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records of the County, (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended), and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Grand Traverse County Clerk

APPENDIX A

Grand Traverse County Building Authority, Building Authority Bonds, Series 2012 – FULL FAITH
AND CREDIT GENERAL OBLIGATION LEASE CONTRACT MADE AS OF December 1, 2011.

APPENDIX B

GRAND TRAVERSE COUNTY BUILDING AUTHORITY,
BUILDING AUTHORITY REFUNDING BONDS, SERIES 2012
(Remaining Original Debt Service)

<u>Date</u>	<u>Principal</u>
12/1/2019	160,000.00
12/1/2020	165,000.00
12/1/2021	170,000.00
12/1/2022	175,000.00
12/1/2023	180,000.00
12/1/2024	185,000.00
12/1/2025	195,000.00
12/1/2026	200,000.00
12/1/2027	210,000.00
12/1/2028	215,000.00
12/1/2029	225,000.00
12/1/2030	235,000.00
12/1/2031	250,000.00
12/1/2032	260,000.00
12/1/2033	270,000.00
12/1/2034	280,000.00
12/1/2035	295,000.00
12/1/2036	310,000.00

Refunding Bonds, 2019
\$3,755,000.00



is pleased to present this refunding analysis to:

Grand Traverse County Building Authority
Refunding Bonds, 2019

Table of Contents

Report	
Sources & Uses of Funds.	2
Refunding Summary.	3
Pricing Summary.	4
Yearly Savings Summary.	5
Refunding Savings Report.	6
Refunding Verification Report.	8
Summary of Refunded Bonds.	9

Refunding Bonds, 2019

\$3,755,000.00

Sources & Uses of Funds*Dated:* 11/01/2019 | *Delivered:* 11/01/2019**Sources**

Par amount of bonds.	\$3,755,000.00
Original issue premium.	\$156,879.40
Issuer Interest Due.	\$65,490.63
<i>Totals:</i>	\$3,977,370.03

Uses

Amount of bonds called.	\$3,820,000.00
Underwriter discount (\$8.000).	\$30,040.00
Other issuance costs.	\$60,000.00
Issuer Interest Due.	\$65,490.63
Contingency fund.	\$1,839.40
<i>Totals:</i>	\$3,977,370.03

Refunding Bonds, 2019

\$3,755,000.00

Refunding Summary

Dated: 11/01/2019 | Delivered: 11/01/2019

Dated date	11/01/2019
Delivery date	11/01/2019
1st coupon date	06/01/2020
First principal payment	12/01/2020
Last maturity date	12/01/2036
Net Interest Cost (NIC)	2.6112332%
True Interest Cost (TIC)	2.5476387%
All-Inclusive TIC:	2.7329022%
Arbitrage Net Interest Cost (ANIC)	2.4315936%
Arbitrage Yield Limit (AYL)	2.4563734%
Total Bond Years (delivery date)	37,327,916.667
Average Bond Years (delivery date)	9.9408566
Total Bond Years (dated date)	37,327,916.667
Average Bond Years (dated date)	9.9408566
Average maturity (8038)	9.9313384
Par amount of bonds	\$3,755,000.00
Original Issue Premium/Discount	\$156,879.40
Bond proceeds	\$3,977,370.03
Total interest	\$1,101,558.33
Total debt service	\$4,856,558.33
Underwriter spread: 8.000/\$1,000	-\$30,040.00
Gross savings	\$360,404.16
Present Value Savings:	\$291,009.04
Discounted savings as a percentage of refunded bonds:	7.6180376%
Discounted savings as a percentage of refunding bonds:	7.7499078%

Grand Traverse County Building Authority



Refunding Bonds, 2019
\$3,755,000.00

Pricing Summary

Dated: 11/01/2019 | Delivered: 11/01/2019

1st Coupon: 06/01/2020

Type	Principal	Coupon Rate	Maturity Date	Reof Price	Reof Yield	OID/OIP	Gross Production
Serial Bonds	160,000.00	2.000	12/1/2020	100.534	1.500	854.40	160,854.40
	175,000.00	2.000	12/1/2021	100.918	1.550	1,606.50	176,606.50
	180,000.00	2.000	12/1/2022	101.198	1.600	2,156.40	182,156.40
	180,000.00	2.000	12/1/2023	101.376	1.650	2,476.80	182,476.80
	185,000.00	3.000	12/1/2024	106.304	1.700	11,662.40	196,662.40
	195,000.00	3.000	12/1/2025	106.884	1.800	13,423.80	208,423.80
	200,000.00	3.000	12/1/2026	107.256	1.900	14,512.00	214,512.00
	210,000.00	3.000	12/1/2027	107.428	2.000	15,598.80	225,598.80
	215,000.00	3.000	12/1/2028	107.406	2.100	15,922.90	230,922.90
	225,000.00	3.000	12/1/2029	107.198	2.200	16,195.50	241,195.50
	230,000.00	3.000	12/1/2030	106.266	2.300	14,411.80	244,411.80
	245,000.00	3.000	12/1/2031	105.344	2.400	13,092.80	258,092.80
	255,000.00	3.000	12/1/2032	104.430	2.500	11,296.50	266,296.50
	260,000.00	3.000	12/1/2033	103.526	2.600	9,167.60	269,167.60
	270,000.00	3.000	12/1/2034	102.631	2.700	7,103.70	277,103.70
	280,000.00	3.000	12/1/2035	101.744	2.800	4,883.20	284,883.20
	290,000.00	3.000	12/1/2036	100.867	2.900	2,514.30	292,514.30
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
							To Call 12/01/2029 @ 100.000
						3,755,000.00	156,879.40
							3,911,879.40

Bid Information

Par amount of bonds	3,755,000.00	True interest cost (TIC)	2.5476387
Underwriter discount (+)	(30,040.00)	All-in TIC	2.7329022
Original issue discount/premium (+)	156,879.40	Arbitrage yield limit (AYL)	2.4563734
Credit enhancements (-)	0.00	Net interest cost (NIC)	2.6112331
Accrued interest (+)	0.00	NIC interest	944,678.93
Other costs (-)	60,000.00	Bond years	38,850,198.15
= Proceeds to issuer	3,821,839.40	Average bond years	9.931

Refunding Bonds, 2019

\$3,755,000.00

Yearly Savings Summary

Dated: 11/01/2019 | Delivered: 11/01/2019

<i>Fiscal Year</i>	<i>Calendar Date</i>	<i>Prior Debt Service</i>	<i>Refunding Debt Service</i>	<i>Refunding Savings</i>	<i>Discounted Savings @ 2.456373%</i>
2019	12/01/2019	65,490.63		-0.01	-133.11
2020	12/01/2020	295,981.25	274,508.33	21,472.92	20,958.27
2021	12/01/2021	297,268.75	277,500.00	19,768.75	18,932.96
2022	12/01/2022	298,018.75	279,000.00	19,018.75	17,776.44
2023	12/01/2023	297,768.75	275,400.00	22,368.75	20,370.67
2024	12/01/2024	297,368.75	276,800.00	20,568.75	18,279.68
2025	12/01/2025	301,818.75	281,250.00	20,568.75	17,838.80
2026	12/01/2026	300,968.75	280,400.00	20,568.75	17,408.56
2027	12/01/2027	304,718.75	284,400.00	20,318.75	16,782.20
2028	12/01/2028	303,156.25	283,100.00	20,056.25	16,165.86
2029	12/01/2029	306,168.75	286,650.00	19,518.75	15,353.17
2030	12/01/2030	308,575.00	284,900.00	23,675.00	18,149.85
2031	12/01/2031	315,350.00	293,000.00	22,350.00	16,719.54
2032	12/01/2032	316,600.00	295,650.00	20,950.00	15,292.85
2033	12/01/2033	316,200.00	293,000.00	23,200.00	16,507.39
2034	12/01/2034	315,400.00	295,200.00	20,200.00	14,020.67
2035	12/01/2035	319,200.00	297,100.00	22,100.00	14,952.65
2036	12/01/2036	322,400.00	298,700.00	23,700.00	15,632.61
Total Savings		5,282,453.13	4,856,558.33	360,404.16	291,009.04
<i>Discounted Savings as a Percentage of Refunded Bonds.. . . .</i>		7.6180	%	<i>Escrow Yield..</i>	2.4563734
<i>Discounted Savings as a Percentage of Refunding Bonds.. . . .</i>		7.7499	%	<i>Arbitrage Yield Limit (AYL)</i>	2.4563734

Grand Traverse County Building Authority



Refunding Bonds, 2019
\$3,755,000.00

Refunding Savings Report

Dated: 11/01/2019 | Delivered: 11/01/2019

Calendar Date	Principal Payment	Coupon Rate	Interest Payment	Total Debt Service	Fiscal Total Debt Service	Prior Debt Service	Savings	Cumulative Savings
12/01/2019						65,490.63	65,490.63	65,490.63
06/01/2020			61,658.33	61,658.33				
12/01/2020	160,000.00	2.000	52,850.00	212,850.00	274,508.33	295,981.25	21,472.92	86,963.54
06/01/2021			51,250.00	51,250.00				
12/01/2021	175,000.00	2.000	51,250.00	226,250.00	277,500.00	297,268.75	19,768.75	106,732.29
06/01/2022			49,500.00	49,500.00				
12/01/2022	180,000.00	2.000	49,500.00	229,500.00	279,000.00	298,018.75	19,018.75	125,751.04
06/01/2023			47,700.00	47,700.00				
12/01/2023	180,000.00	2.000	47,700.00	227,700.00	275,400.00	297,768.75	22,368.75	148,119.79
06/01/2024			45,900.00	45,900.00				
12/01/2024	185,000.00	3.000	45,900.00	230,900.00	276,800.00	297,368.75	20,568.75	168,688.54
06/01/2025			43,125.00	43,125.00				
12/01/2025	195,000.00	3.000	43,125.00	238,125.00	281,250.00	301,818.75	20,568.75	189,257.29
06/01/2026			40,200.00	40,200.00				
12/01/2026	200,000.00	3.000	40,200.00	240,200.00	280,400.00	300,968.75	20,568.75	209,826.04
06/01/2027			37,200.00	37,200.00				
12/01/2027	210,000.00	3.000	37,200.00	247,200.00	284,400.00	304,718.75	20,318.75	230,144.79
06/01/2028			34,050.00	34,050.00				
12/01/2028	215,000.00	3.000	34,050.00	249,050.00	283,100.00	303,156.25	20,056.25	250,201.04
06/01/2029			30,825.00	30,825.00				
12/01/2029	225,000.00	3.000	30,825.00	255,825.00	286,650.00	306,168.75	19,518.75	269,719.79
06/01/2030			27,450.00	27,450.00				
12/01/2030	230,000.00	3.000	27,450.00	257,450.00	284,900.00	308,575.00	23,675.00	293,394.79
06/01/2031			24,000.00	24,000.00				
12/01/2031	245,000.00	3.000	24,000.00	269,000.00	293,000.00	315,350.00	22,350.00	315,744.79
06/01/2032			20,325.00	20,325.00				
12/01/2032	255,000.00	3.000	20,325.00	275,325.00	295,650.00	316,600.00	20,950.00	336,694.79
06/01/2033			16,500.00	16,500.00				
12/01/2033	260,000.00	3.000	16,500.00	276,500.00	293,000.00	316,200.00	23,200.00	359,894.79
06/01/2034			12,600.00	12,600.00				
12/01/2034	270,000.00	3.000	12,600.00	282,600.00	295,200.00	315,400.00	20,200.00	380,094.79
06/01/2035			8,550.00	8,550.00				
12/01/2035	280,000.00	3.000	8,550.00	288,550.00	297,100.00	319,200.00	22,100.00	402,194.79
06/01/2036			4,350.00	4,350.00				
12/01/2036	290,000.00	3.000	4,350.00	294,350.00	298,700.00	322,400.00	23,700.00	425,894.79
3,755,000.00			1,101,558.33	4,856,558.33		5,282,453.13	425,894.79	
+ Accrued Interest								
- Total Outside Sources (included in calcs)							-65,490.63	
3,755,000.00			1,101,558.33	4,856,558.33		5,282,453.13	360,404.16	

Refunding Bonds, 2019
\$3,755,000.00

<i>Present Value Savings discounted at</i>	<i>2.4563734 % Equals</i>	291,009.04	<i>(Net of Accrued Interest)</i>
<i>Discounted Savings as a Percentage of Refunded Bonds</i>		7.6180	<i>%</i>
<i>Discounted Savings as a Percentage of Refunding Bonds</i>		7.7499	<i>%</i>
<i>Escrow Yield.</i>		2.4563734	
<i>Arbitrage Yield Limit (AYL)</i>		2.4563734	

Grand Traverse County Building Authority



Refunding Bonds, 2019
\$3,755,000.00

Refunding Verification Report

Dated: 11/01/2019 | Delivered: 11/01/2019

Calendar Date	*****Before Refunding*****		*****New Issue*****		Bonds Called	****Net Savings (+/-)****			
	Outstanding Indebtedness	Total Debt Service	Outstanding Indebtedness	Total Debt Service		Total Debt Service	Per- iods	PV Factor	Discounted Debt Svc
11/01/2019			7,510,000.00			-65,490.63		1.0000000	-65,490.63
12/01/2019	3,820,000.00	65,490.63	3,755,000.00		3,820,000.00	65,490.63	0.1667	0.9979676	65,357.52
06/01/2020	3,820,000.00	65,490.63	3,755,000.00	61,658.33		3,832.29	1.1667	0.9858594	3,778.10
12/01/2020	3,655,000.00	230,490.63	3,755,000.00	212,850.00		17,640.63	2.1667	0.9738981	17,180.17
06/01/2021	3,655,000.00	63,634.38	3,595,000.00	51,250.00		12,384.38	3.1667	0.9620819	11,914.78
12/01/2021	3,485,000.00	233,634.38	3,595,000.00	226,250.00		7,384.38	4.1667	0.9504091	7,018.18
06/01/2022	3,485,000.00	61,509.38	3,420,000.00	49,500.00		12,009.38	5.1667	0.9388779	11,275.34
12/01/2022	3,310,000.00	236,509.38	3,420,000.00	229,500.00		7,009.38	6.1667	0.9274867	6,501.10
06/01/2023	3,310,000.00	58,884.38	3,240,000.00	47,700.00		11,184.38	7.1667	0.9162336	10,247.50
12/01/2023	3,130,000.00	238,884.38	3,240,000.00	227,700.00		11,184.38	8.1667	0.9051171	10,123.17
06/01/2024	3,130,000.00	56,184.38	3,060,000.00	45,900.00		10,284.38	9.1667	0.8941354	9,195.62
12/01/2024	2,945,000.00	241,184.38	3,060,000.00	230,900.00		10,284.38	10.1667	0.8832870	9,084.05
06/01/2025	2,945,000.00	53,409.38	2,875,000.00	43,125.00		10,284.38	11.1667	0.8725702	8,973.84
12/01/2025	2,750,000.00	248,409.38	2,875,000.00	238,125.00		10,284.38	12.1667	0.8619835	8,864.96
06/01/2026	2,750,000.00	50,484.38	2,680,000.00	40,200.00		10,284.38	13.1667	0.8515251	8,757.40
12/01/2026	2,550,000.00	250,484.38	2,680,000.00	240,200.00		10,284.38	14.1667	0.8411937	8,651.15
06/01/2027	2,550,000.00	47,359.38	2,480,000.00	37,200.00		10,159.38	15.1667	0.8309876	8,442.32
12/01/2027	2,340,000.00	257,359.38	2,480,000.00	247,200.00		10,159.38	16.1667	0.8209054	8,339.89
06/01/2028	2,340,000.00	44,078.13	2,270,000.00	34,050.00		10,028.13	17.1667	0.8109455	8,132.26
12/01/2028	2,125,000.00	259,078.13	2,270,000.00	249,050.00		10,028.13	18.1667	0.8011064	8,033.59
06/01/2029	2,125,000.00	40,584.38	2,055,000.00	30,825.00		9,759.38	19.1667	0.7913867	7,723.44
12/01/2029	1,900,000.00	265,584.38	2,055,000.00	255,825.00		9,759.38	20.1667	0.7817849	7,629.73
06/01/2030	1,900,000.00	36,787.50	1,830,000.00	27,450.00		9,337.50	21.1667	0.7722996	7,211.35
12/01/2030	1,665,000.00	271,787.50	1,830,000.00	257,450.00		14,337.50	22.1667	0.7629294	10,938.50
06/01/2031	1,665,000.00	32,675.00	1,600,000.00	24,000.00		8,675.00	23.1667	0.7536729	6,538.11
12/01/2031	1,415,000.00	282,675.00	1,600,000.00	269,000.00		13,675.00	24.1667	0.7445287	10,181.43
06/01/2032	1,415,000.00	28,300.00	1,355,000.00	20,325.00		7,975.00	25.1667	0.7354954	5,865.58
12/01/2032	1,155,000.00	288,300.00	1,355,000.00	275,325.00		12,975.00	26.1667	0.7265718	9,427.27
06/01/2033	1,155,000.00	23,100.00	1,100,000.00	16,500.00		6,600.00	27.1667	0.7177564	4,737.19
12/01/2033	885,000.00	293,100.00	1,100,000.00	276,500.00		16,600.00	28.1667	0.7090480	11,770.20
06/01/2034	885,000.00	17,700.00	840,000.00	12,600.00		5,100.00	29.1667	0.7004452	3,572.27
12/01/2034	605,000.00	297,700.00	840,000.00	282,600.00		15,100.00	30.1667	0.6919468	10,448.40
06/01/2035	605,000.00	12,100.00	570,000.00	8,550.00		3,550.00	31.1667	0.6835515	2,426.61
12/01/2035	310,000.00	307,100.00	570,000.00	288,550.00		18,550.00	32.1667	0.6752581	12,526.04
06/01/2036	310,000.00	6,200.00	290,000.00	4,350.00		1,850.00	33.1667	0.6670653	1,234.07
12/01/2036		316,200.00	290,000.00	294,350.00		21,850.00	34.1667	0.6589719	14,398.54
Totals Before Accrued Interest		5,282,453.13		4,856,558.33	3,820,000.00	360,404.16			291,009.04
Accrued Interest									
Totals After Accrued Interest		5,282,453.13		4,856,558.33	3,820,000.00	360,404.16			291,009.04

Grand Traverse County Building Authority



Refunding Bonds, 2019
\$3,755,000.00

<i>Discounted Savings as a Percentage of Refunded Bonds</i>	7.6180	%	<i>Escrow Yield</i>	2.4563734
<i>Discounted Savings as a Percentage of Refunding Bonds</i>	7.7499	%	<i>Arbitrage Yield Limit (AYL)</i>	2.4563734
			<i>Discount Factor.</i>	2.4563734

Grand Traverse County Building Authority



Refunding Bonds, 2019
\$3,755,000.00

Summary of Refunded Bonds

Dated: 11/01/2019 | Delivered: 11/01/2019

Type	Maturity #	Principal	Coupon Rate	Maturity Date	Call Price	Called?	Call Date	Amount Called
GRAND TRAV-2012-A								
Serial Bonds	1	140,000.00	2.000	12/1/2012	100.000	N		
	2	140,000.00	2.000	12/1/2013	100.000	N		
	3	140,000.00	2.000	12/1/2014	100.000	N		
	4	145,000.00	2.000	12/1/2015	100.000	N		
	5	150,000.00	2.000	12/1/2016	100.000	N		
	6	150,000.00	2.000	12/1/2017	100.000	N		
	7	155,000.00	2.250	12/1/2018	100.000	N		
	8	160,000.00	2.250	12/1/2019	100.000	N		
	9	165,000.00	2.250	12/1/2020	100.000	Y	12/01/2019	165,000.00
	10	170,000.00	2.500	12/1/2021	100.000	Y	12/01/2019	170,000.00
	11	175,000.00	3.000	12/1/2022	100.000	Y	12/01/2019	175,000.00
	12	180,000.00	3.000	12/1/2023	100.000	Y	12/01/2019	180,000.00
	13	185,000.00	3.000	12/1/2024	100.000	Y	12/01/2019	185,000.00
	14	195,000.00	3.000	12/1/2025	100.000	Y	12/01/2019	195,000.00
	15	200,000.00	3.125	12/1/2026	100.000	Y	12/01/2019	200,000.00
	16	210,000.00	3.125	12/1/2027	100.000	Y	12/01/2019	210,000.00
	17	215,000.00	3.250	12/1/2028	100.000	Y	12/01/2019	215,000.00
	18	225,000.00	3.375	12/1/2029	100.000	Y	12/01/2019	225,000.00
	19	235,000.00	3.500	12/1/2030	100.000	Y	12/01/2019	235,000.00
	20	250,000.00	3.500	12/1/2031	100.000	Y	12/01/2019	250,000.00
	21	260,000.00	4.000	12/1/2032	100.000	Y	12/01/2019	260,000.00
	22	270,000.00	4.000	12/1/2033	100.000	Y	12/01/2019	270,000.00
	23	280,000.00	4.000	12/1/2034	100.000	Y	12/01/2019	280,000.00
	24	295,000.00	4.000	12/1/2035	100.000	Y	12/01/2019	295,000.00
	25	310,000.00	4.000	12/1/2036	100.000	Y	12/01/2019	310,000.00
Bond Totals:		5,000,000.00						3,820,000.00
Grand Totals:		5,000,000.00						3,820,000.00

RESOLUTION xx-xxxx

Grand Traverse County Resolution in Support of Line 5 Tunnel

WHEREAS, Enbridge's Line 5, has been operating safely and reliably in the Straits of Mackinaw for more than 66 years; and,

WHEREAS, Enbridge's Line 5, a light crude and natural gas liquids pipeline, helps to safely meet Michigan's energy needs by fulfilling more than half of the propane needs of the state; and,

WHEREAS, the products delivered to regional refineries provide jobs and ultimately fuel our lives; and,

WHEREAS, multiple and extensive inspections and safety tests over the last several years have confirmed the integrity of Line 5 at the Straits of Mackinac as fit for service.

WHEREAS, Consequences to energy supply, local producers, regional airports and refineries, jobs, local economies and the pocketbook of Michiganders across the entire state are too great for Line 5 to be shut down before the tunnel replacement can be completed;

WHEREAS, within Grand Traverse and Leelanau counties BATA (Bay Area Transportation Authority) buses run clean emission free propane, a fuel which is transported through Line 5, to offer vehicle life cycle greenhouse (GHG) emissions benefits over conventional fuels.

WHEREAS, Issues have been raised by several concerned parties regarding the possibility and impact of a breach of Line 5 into the Straits of Mackinac. These concerns have resulted in the State of Michigan and Enbridge negotiating an "agreement" for a 5 year \$500 million project, to construct a tunnel 100 feet below bedrock to encase Line 5, the entire length of the Straits, in one-foot-thick concrete walls in order to mitigate chances of any leaks of product into the Great Lakes.

WHEREAS, the recently elected Michigan Attorney General, Dana Nessel has subsequently opposed the negotiated "agreement" and filed a lawsuit in Ingham County Circuit Court to close down Line 5 immediately effectively canceling all efforts to begin construction of the tunnel; and,

WHEREAS, this action may very well provide unintended consequences for all parties as the litigation to close down Line 5 may take years to be resolved in the courts with no assurance of the outcome and;

WHEREAS, the time to resolve the litigation may simply result in the delay of the start of the construction of the tunnel thereby leaving the existing Line 5 in place unnecessarily for several additional years.

WHEREAS, Enbridge has demonstrated a willingness to work with the state to both protect the Great Lakes and ensure the continued safe delivery of energy we all rely on.

NOW, THEREFORE, BE IT RESOLVED that the Grand Traverse County Board of Commissioners hereby joins with Dickinson County in extending its support for Enbridge's proposed tunnel replacement project and urges the State of Michigan to work with Enbridge to complete the tunnel project as quickly as possible and not disrupt Line 5 service before the tunnel can be completed.

AND BE IT FURTHER RESOLVED that Grand Traverse County sends this resolution to all counties of Michigan as an invitation to join in expressing support for increasing the safety of our current energy infrastructure as our society simultaneously seeks energy efficiencies and energy alternatives that will continue to reduce negative impacts and risks to our environment.

APPROVED: August 21, 2019

ITEMS REMOVED FROM CONSENT CALENDAR

Item #16 – Resolution of Support to Stop the Transportation of Oil Under the Great Lakes

Resolution 23-2016

Resolution of Support to Stop the
Transportation of Oil Under the Great Lakes

Moved by Maxbauer, seconded by Wheelock to approve Resolution #23-2016.

Roll Call Vote: Yes 4, No 2, Excused 1

Nay: Johnson and Kroupa

**RESOLUTION OF SUPPORT TO STOP THE
TRANSPORTATION OF OIL UNDER THE GREAT LAKES**

23-2016

Whereas, Line 5 is a set of twin, 62-year-old pipelines owned by Enbridge that carry light crude oil and natural gas under the Straits of Mackinac; and

Whereas, the currents in the Straits of Mackinac at peak volumetric transport can be more than 10 times greater than the flow of Niagara Falls and switch bi-directionally from east to west every few days, and according to a 2014 University of Michigan study are the “worst possible place” for an oil spill in the Great Lakes; and

Whereas, the Great Lakes contain 20 percent of the world’s fresh, available, surface water and are a drinking water source for over 25 million people; and

Whereas, one out of every five jobs in Michigan is linked to the high quality and quantity of fresh water in the Great Lakes; and

Whereas, tourism is one of Michigan’s largest income industries bringing in billions of travelers dollars spent each year; and

Whereas, agriculture, fisheries, shipping and industry depend on the health of the Great Lakes; and

Whereas, in 2009, the Great Lakes were linked to over 1.5 million jobs, with Michigan accounting for 35 percent of those jobs; and

Whereas, Enbridge has a shaky track record that includes 1,244 reportable spills, leaks and releases from 1996 to 2013; and

Whereas, Enbridge was in violation for their spacing requirements of its 1953 easement for Line 5 in 2014 and were responsible for a pinhole leak in a section of the pipeline north of the Straits in December 2014; and

Whereas, Enbridge was responsible for one of the worst and most expensive oil spills in U.S. history when Line 6b ruptured near Kalamazoo in 2010 allowing almost 1 million gallons of tar sands oil to leak for 17 hours before shutting down the line; and

Whereas, corrosion is the number one reason that pipelines fail; and

Whereas, Line 5 was built before the Great Lakes Submerged Lands Act was adopted so it didn’t have to obtain a permit and ensure that the pipeline wouldn’t pose a threat to the waters or the public’s use of the waters’ and

Whereas, Michigan Attorney General Bill Schuette has stated (in regards to Line 5) that the “pipeline wouldn’t be built today” and that “the pipeline’s days are numbered;” and

Whereas, the Coast Guard Commandant testified before congress in 2015 that the Coast Guard would be unable to respond effectively to an open water oil spill in the heart of the Great Lakes; and

Whereas, there is no plan for how to recover oil if there was a leak during the winter when the lakes are covered with ice; and

Whereas, as Michiganders we have a responsibility to be wise stewards of the waters of our state for generations to come; and

Whereas, protection of Michigan’s water supplies and resources is better accomplished by prevention of contamination and environmental degradation, rather than attempting to clean up contamination and restore degraded environments after the fact.

Therefore, be it Resolved by this Board of Commissioners, that Grand Traverse County supports stopping the transportation of oil under the Great Lakes and supports shutting down Line 5 and the flow of oil under the Great Lakes; and

Be It Further Resolved, that Grand Traverse County supports H.R. 182 and C.R. 15 introduced by State Representative Sarah Roberts and Jeff Irwin calling on Governor Rick Snyder and Attorney General Bill Schuette to shut down Line 5; and

Be It Further Resolved, that Grand Traverse County will send letters to Governor Rick Snyder, Attorney General Bill Schuette, our State Representatives, and State Senators calling on them to take swift action to shut down Line 5.

APPROVED: February 24, 2016



Action Request

Meeting Date:	August 21, 2019		
Department:	Administration	Submitted By:	Chris Forsyth
Contact E-Mail:	cforsyth@grandtraverse.org	Contact Telephone:	231-922-4756
Agenda Item Title:	Drain Commissioner - Abolition of Office		
Estimated Time:		Laptop Presentation:	☐ Yes ☒ No
	(in minutes)		

Summary of Request:

At the July 17th Board meeting, staff was directed to investigate the possibility of eliminating the Drain Commissioner's duties and/or elected position.

This item was researched in December of 2011. Please see the attached memo from Bob Cooney, who was Deputy Civil Counsel at that time.

Suggested Motion:

Financial Information:

Total Cost:		General Fund Cost:		Included in budget:	☐ Yes ☒ No
-------------	----------------------	--------------------	----------------------	---------------------	---

If not included in budget, recommended funding source:

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director		
Human Resources Director		
Civil Counsel		
Administration:	☐ Recommended	Date:
<u>Miscellaneous:</u>		

Attachments:

Attachment Titles:



Alan Schneider
Prosecuting Attorney

324 Court Street
Traverse City, Michigan 49684-9958
(231) 922-4600 FAX (231) 922-4698

MEMORANDUM

TO: Dennis Aloia, Administrator
FROM: Bob Cooney, Deputy Civil Counsel
DATE: December 11, 2011
RE: Drain Commissioner – Abolition of Office

You asked, on behalf of certain commission member(s), whether the office of drain commissioner may be abolished and what the proper procedure is for a county board to consider such a resolution.

The drain commissioner has as his main responsibility the administration of the state drain code. In most counties, responsibility for planning, developing, and maintaining surface water drainage systems has been the principal function of the office of county drain commissioner. All counties in Michigan have some officer or department that administers the drain code in the county. About two-thirds of the counties have drain commissioners. VerBurg, **Guide to Michigan County Government** (4th Edition 2007), p 357.

In counties having a population of *less than 12,000*, by resolution of a 2/3 vote of the members elect, the county board of commissioners may abolish the office of county drain commissioner and transfer the powers and duties of the office to the board of county road commissioners. MCL 280.21(3).

In counties having established a department of public works pursuant to 1957 PA 185, the county board of commissioners, by resolution of a 2/3 vote of the members elected and serving, may combine the powers, duties, and functions set forth in the provisions of 1957 PA 185 and the Drain Code into one county department headed by a public works commissioner elected in the same manner and for the same term as a drain commissioner. MCL 280.21(4). A resolution calling for the above may not be adopted unless the county board of commissioners has first held at least one generally publicized public hearing on the resolution.

In addition, if a drain commissioner performs functions other than acting as a drain commissioner under the Drain Code of 1957, including, but not limited to, operating sewers, lake level and soil erosion enforcement, and facilitating compliance with federal clean water act mandates, a county may, by resolution of the majority of the members elected and serving on the board of commissioners, and with the consent of the drain commissioner, change the name of the office of the drain commissioner to the office of the water resources commissioner. The water resources commissioner shall be elected in the same manner as a drain commissioner and carry out the powers and duties of a drain commissioner as provided in the Drain Code. MCL 280.21(8).

c: Kevin McElyea, Drain Commissioner



Action Request

Meeting Date:	August 7 2019		
Department:	Admin	Submitted By:	
Contact E-Mail:		Contact Telephone:	
Agenda Item Title:	Welding and Fabrication RFB		
Estimated Time:	Consent (in minutes)	Laptop Presentation:	☐ Yes ☒ No

Summary of Request:

Staff was instructed request bids for non-exclusive welding and fabrication services. We have received 2 bids from the process and those bids are attached.

Suggested Motion:

Move to enter into non-exclusive written agreements with all bid providers and instruct staff to seek the best value with county tax dollars on projects requiring such services, within the Grand Traverse County purchasing policy.

Financial Information:

Total Cost:		General Fund Cost:		Included in budget:	☐ Yes ☒ No
-------------	--	--------------------	--	---------------------	---

If not included in budget, recommended funding source:

This section for Finance Director, Human Resources Director, Civil Counsel, and Administration USE ONLY:

Reviews:	Signature	Date
Finance Director		
Human Resources Director		
Civil Counsel		

Administration:	☐ Recommended	Date:	
------------------------	--------------------------------------	-------	--

Miscellaneous:

Attachments:

Attachment Titles:



PROJECT BID FORM

GRAND TRAVERSE COUNTY

PROJECT: Non-Exclusive Welding and Fabrication Services

DUE DATE: Thursday, August 1, 2019 at 4:00 p.m.

TO: www.mitn.info or
Sarah Adams
Grand Traverse County
Administration
400 Boardman Avenue
Suite 305
Traverse City, Michigan 49684

FROM: Wheelock & Sons Welding, Inc.
9954 N. Long Lake Rd
Traverse City, MI 49685
Bidder's Tel. No.: 231/947.6557

BASE PROPOSAL

The undersigned hereby proposes to furnish welding and fabrication services at an hourly rate of

Eighty-five ⁰⁰/₁₀₀ ⁰⁰/₁₀₀ \$ 35⁰⁰
(amount in words) (amount in figures)

DISCOUNT

The undersigned proposes the following discounts

15 % off labor 15 % off materials

PROJECTED TURNAROUND TIME

The undersigned estimates project turnaround time to be between

24 hours and 30 days

STAFF

Number of staff 12

SPECIAL TERMS AND CONDITIONS

The undersigned has attached all special terms and conditions which would be contingent upon entering into a contract.

ACKNOWLEDGMENTS

The undersigned acknowledges that:

The bidder has received the Bid Form, the Bid Request, and Specifications, and further acknowledges that the bidder has received the following addenda issued thereto and has incorporated their provision in the bid:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

The bid documents have been read and carefully examined that the bidder fully understands and has correlated their observations with the requirements of the bidding documents.

The bidder has visited the site, has familiarized themselves with the local conditions under which the work is to be performed and has correlated their observations with the requirements of the proposed contract documents.

Their bid is based upon the materials, systems and equipment required by the bid documents and that exceptions are fully explained.

This cost and price analysis is submitted in full compliance with the provisions of the paragraph titled 'Independent Price Determination' in Part I of the RFB to which this bid is a response.

PROPOSED SUBCONTRACTORS AND SUPPLIERS

The undersigned submits the "Subcontractors Listing" below, listing proposed subcontractors for any portions of the work to be subcontracted.

Proposed Subcontractor _____ *N/A* _____

Proposed Subcontractor _____

The undersigned agrees to be responsible for the work, materials, equipment, and supplies furnished by each subcontractor.

AGREEMENTS

In submitting this bid, the undersigned agrees:

1. To hold their bid open for 60 consecutive calendar days from the bid due date.
2. To enter into and execute a contract with Grand Traverse County, 400 Boardman

Avenue, Traverse City, Michigan, 49684, if awarded on the basis of this bid, and to furnish required submittals within seven (7) days of notification of selection of contract for the work.

3. To perform the work in accord with the proposed contract documents and to perform said work within the time period stipulated in the bid.

LEGAL STATUS AND SIGNATURE OF BIDDER

1. Check appropriate section and complete information.

X Corporation incorporated under the laws of the State of Michigan

Partnership

Names and Address of all members

NAME

ADDRESS

<u>Addison Wheelock Jr</u>	_____
<u>Randal Wheelock</u>	_____
_____	_____
_____	_____

Sole Proprietorship, doing business as _____

2. Complete all information below.

Authorized Negotiator

Name Addison "Sonny" Wheelock Jr

Title President

Federal ID # 38-3633013

License # _____ Type _____
(if applicable)

Wheelock & Sons Welding Inc
Bidder

[Signature]
By

President
Title

Signed this 23 day of July, 2019.



PROJECT BID FORM

GRAND TRAVERSE COUNTY

PROJECT: Non-Exclusive Welding and Fabrication Services

DUE DATE: Thursday, August 1, 2019 at 4:00 p.m.

TO: www.mitn.info or
Sarah Adams
Grand Traverse County
Administration
400 Boardman Avenue
Suite 305
Traverse City, Michigan 49684

FROM: PATON WELDING
402 E DRESDEN ST
KALKASKA MICH.
49646
Bidder's Tel. No.: 231/258 9925

BASE PROPOSAL

The undersigned hereby proposes to furnish welding and fabrication services at an hourly rate of

Eighty \$ 80.00
(amount in words) (amount in figures)

DISCOUNT

The undersigned proposes the following discounts

_____ % off labor _____ % off materials

PROJECTED TURNAROUND TIME

The undersigned estimates project turnaround time to be between

1 DAY and 30 DAYS

STAFF

Number of staff 10

SPECIAL TERMS AND CONDITIONS

The undersigned has attached all special terms and conditions which would be contingent upon entering into a contract.

ACKNOWLEDGMENTS

The undersigned acknowledges that:

The bidder has received the Bid Form, the Bid Request, and Specifications, and further acknowledges that the bidder has received the following addenda issued thereto and has incorporated their provision in the bid:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

The bid documents have been read and carefully examined that the bidder fully understands and has correlated their observations with the requirements of the bidding documents.

The bidder has visited the site, has familiarized themselves with the local conditions under which the work is to be performed and has correlated their observations with the requirements of the proposed contract documents.

Their bid is based upon the materials, systems and equipment required by the bid documents and that exceptions are fully explained.

This cost and price analysis is submitted in full compliance with the provisions of the paragraph titled 'Independent Price Determination' in Part I of the RFB to which this bid is a response.

PROPOSED SUBCONTRACTORS AND SUPPLIERS

The undersigned submits the "Subcontractors Listing" below, listing proposed subcontractors for any portions of the work to be subcontracted.

Proposed Subcontractor None

Proposed Subcontractor _____

The undersigned agrees to be responsible for the work, materials, equipment, and supplies furnished by each subcontractor.

AGREEMENTS

In submitting this bid, the undersigned agrees:

1. To hold their bid open for 60 consecutive calendar days from the bid due date.
2. To enter into and execute a contract with Grand Traverse County, 400 Boardman

Avenue, Traverse City, Michigan, 49684, if awarded on the basis of this bid, and to furnish required submittals within seven (7) days of notification of selection of contract for the work.

3. To perform the work in accord with the proposed contract documents and to perform said work within the time period stipulated in the bid.

LEGAL STATUS AND SIGNATURE OF BIDDER

1. Check appropriate section and complete information.

X Corporation incorporated under the laws of the State of Michigan

Partnership

Names and Address of all members

NAME

ADDRESS

DONALD J PATTON JR 8371 PINECREST DR NE MANCOWA MI 49659

Sole Proprietorship, doing business as _____

2. Complete all information below.

Authorized Negotiator

Name DON PATTON

Title PRES

Federal ID # 38-3168428

License # _____ Type _____
(if applicable)

DON PATTON
Bidder

[Signature]
By

PRES
Title

Signed this 19th day of July, 2019.

RESOLUTION

XX-2019

Welding and Fabrication – Non-Exclusive Agreements

WHEREAS, The Grand Traverse County Board of Commissioners met in regular session on August 21, 2019, and reviewed recommendation to enter into non-exclusive written agreements for welding and fabrication work; and,

WHEREAS, bids were requested for non-exclusive Welding and Fabrication services with two vendors responding – Patton Welding and Wheelock & Sons Welding; and,

WHEREAS, the county will enter into agreements with both vendors to assure their quotes for the period of the agreement; and,

WHEREAS, staff will seek the best value with county tax dollars on projects requiring such services as stated in the Grand Traverse County purchasing policy.

NOW, THEREFORE, BE IT RESOLVED BY THIS BOARD OF COMMISSIONERS THAT Grand Traverse County approves entering into non-exclusive written agreements with Patton Welding and Wheelock & Sons Welding for Welding and Fabrication services.

BE IT FURTHER RESOLVED THAT, the Board of Commissioners authorizes the Board Chair or County Administrator to effectuate the necessary documents to implement the Board authorized action.

APPROVED: August 21, 2019

Please remove Item 6.b.7) 2020 Census Resolution from the CONSENT CALENDAR.

I would like discussion and voting on this specific item.

Thank you,

Kate Dahlstrom

437 Eastwood Shores

Traverse City, MI 49685



Protecting the Common Waters of the Great Lakes Basin
Through Public Trust Solutions

August 21, 2019

Submitted in person for inclusion in the minutes and public record to the:

Grand Traverse County Board of Commissioners
Governmental Center, 400 Boardman Ave.
Traverse City, MI 49684

Thank you, Chairman Hentschel, and fellow members of the Grand Traverse County Board of Commissioners.

I am Kelly Thayer, Deputy Director of FLOW (For Love of Water), 153 1/2 E. Front Street, Traverse City. FLOW is a Great Lakes law and policy center working to protect our public trust waters across the Great Lakes basin.

I have come here this morning to urge you to consider the facts and reject the resolution backing Enbridge's proposed Line 5 oil tunnel under the Straits of Mackinac.

Since 2013, FLOW and our team of lawyers, scientists, engineers, and an international risk expert have studied the growing threat from Line 5 in the Straits and, more recently, the proposed Line 5 oil tunnel.

Together we have documented the risk from Line 5 to the Great Lakes and drinking water, to Indian tribes and local communities, to the steel industry and the Pure Michigan economy – and ultimately to our way of life.

In March, Michigan Attorney General Dana Nessel found that the oil tunnel law approved late last year was unconstitutional.

In early June, Enbridge sued the State of Michigan to uphold the tunnel legislation. And in late June, the State of Michigan sued Enbridge to revoke the 1953 easement that conditionally authorized Enbridge to pump oil through the twin pipelines in the Straits.

It is vital to understand that with a "yes" vote today for the oil tunnel resolution, you would effectively be interfering in ongoing litigation between Enbridge and the State of Michigan. In addition, there are at least four other active lawsuits against Enbridge and Line 5. Why entangle Grand Traverse County in these legal fights on Enbridge's behalf?

By casting a "yes" vote, you also would be taking sides with a Canadian company with a terrible track record of Line 5 oils spills across the Upper and Lower Peninsulas, and from Line 6B into the Kalamazoo River.

Perhaps learning about Enbridge's tarnished record is why the very first line of the August 7 resolution you considered says, "WHEREAS, Enbridge's Line 5 has been operating safely and reliably *in Michigan* for more than 65 years." And today's resolution is watered down to say, "WHEREAS, Enbridge's Line 5 has been operating safely and reliably *in the Straits of Mackinaw* [sic] for more than 66 years." [Emphases added]

Did you know that the proposed oil tunnel and the law being tested in court would give away public money and

priceless natural resources to a foreign company?

Under the terms, the State of Michigan would give Enbridge sole occupancy for 99 years of Great Lakes public trust waters and bottomlands and spend at least \$4.5 million of taxpayer money for oversight of the tunnel project.

The state would commit more taxpayer money for a legal defense fund for Enbridge, and let Enbridge avoid tens of millions of dollars in taxes over the project's life by giving the state ownership of the 4.5-mile tunnel portion of a 645-mile long private, Canadian oil pipeline. Do you support giving public resources away to Enbridge, a multibillion-dollar company that is spending heavily right now on a public relations and lobbying campaign to win approval from state and local officials?

Enbridge's proposal to dig an oil tunnel under the Straits for the next 5-10 years is a delay tactic, not a solution. It fails to address Line 5's immediate threat to the Great Lakes and the risk posed by the pipeline's more than 400 stream and river crossings in the Upper and Lower Peninsulas. Enbridge's proposal to allow electrical lines and other infrastructure to occupy the proposed oil pipeline tunnel is a bad idea that poses an explosion risk.

Line 5 serves mostly Canada's energy needs, and alternatives can meet Michigan's needs. FLOW research shows that our oil and propane needs can be met through other, existing pipelines and rail and truck alternatives. And Gov. Whitmer has formed an Upper Peninsula Energy Task Force to identify energy supply options. The system can adjust with smart planning.

Climate change and related impacts to the Great Lakes would worsen from an oil tunnel under the Straits transporting fossil fuels for the next 99 years.

Please ask yourselves: Why would the Grand Traverse County Board support an oil tunnel proposal that would give away taxpayer money and Great Lakes public trust resources to a Canadian company suing the State of Michigan after spilling more than 2 million gallons of oil across our lands and waters?

The oil tunnel proposal that diverts attention from the real problem – the bent, cracked, and encrusted, 66-year old oil pipelines in the Straits.

For these reasons, and many more, we call on the Grand Traverse County Board of Commissioner to reject the resolution supporting a Line 5 oil tunnel in the Great Lakes.

Thank you for your time and consideration.

Kelly C. Thayer
Deputy Director
FLOW (For Love of Water)
Office: (231) 944-1568
Email: Kelly@FLOWforWater.org
Web: www.FLOWforWater.org



CORPORATE HEADQUARTERS: P.O. BOX 47 • WAUKESHA, WI 53187-0047
PHONE: 262-506-6700 • TOLL FREE: 866-899-3204 • FAX: 262-506-6124 • www.atc.com

April 30, 2019

Ms. Jane TenEyck
Executive Director, Chippewa Ottawa Resource Authority
179 W. Three Mile Road
Sault Ste. Marie, MI 49783

Re: American Transmission Company-Straits Cable Replacement Project

Dear Ms. TenEyck and CORA Board Members,

In an incident that occurred on April 1, 2018, some of American Transmission Company's submarine electric cables crossing the Straits of Mackinac were severed. After reconfiguring the remaining functional cables, ATC was able to reestablish one of the two electric circuits. ATC has initiated a project to add a second circuit across the Straits, which is necessary for electric reliability in the area. ATC is proposing to remove all existing cables and installing new solid dielectric submarine cables, which would contain no mineral insulating oil, eliminating future risk of a release.

There has been some discussion by others about a possible utility tunnel under the Straits. You have asked whether ATC is willing to enter into an arrangement to put its cable in such a tunnel. The answer is that a tunnel is not an acceptable solution for ATC, for the following reasons:

Timing. ATC needs to restore its second circuit as soon as possible. By installing its own cables, ATC can have its system intact by 2021. A tunnel of uncertain timing, later in the decade, does not serve the public.

Safety. ATC does not believe that installing high voltage electric lines in close proximity to high pressure oil or gas lines is a good idea.

Practicality. A cable capable of transmitting 138,000 volts is physically large and would need several splices or joints to cross the entire Straits. Each splice location would need significant space in the tunnel for welders. Nothing we have seen suggests that a reasonably sized tunnel would be feasible.

08/21/2019

Commissioners,

YOU swore an oath to establish policy, pass laws, and oversee all County government operations in accordance with State laws and share authority with other County elected officials in 22 areas specific to Grand Traverse County.

Additionally, your position on the Grand Traverse County Board of Commissioners charges you with caring for a community that preserves the beautiful and healthy environment making Grand Traverse County a desirable community in which to live where the safety of its citizens is of utmost concern and who focuses on the well-being of all its people.

Nowhere within your job description is there anything about endorsing the efforts of a Canadian oil company to build a Tunnel to house two Canadian oil pipelines in the Straits of Mackinac, while risking running that oil through two aging pipelines, benefitting, not Michigan, but a Canadian oil company. Nowhere within your job description is there anything about endorsing a citizen question on the US census!

Here's a reminder from Numbers 30:2

If a man vows a vow unto the Lord, or swears an oath to bind his soul with a bond, he shall not break his word. He shall do according to all that proceedeth out of his mouth.

Do the job you were elected to do and honor your oath of office.

Berta Meserve

20334 Maple St

Lake Ann, MI 49650

231-590-5236

Submitted By
Matthew Schoech
In Support of Enbridge
Line 5 Tunnel.

HOME (/) / PRESIDENT'S PODIUM: DAKOTA ACCESS PIPELINE

PRESIDENT'S PODIUM: DAKOTA ACCESS PIPELINE

Author: Sheriff Greg Champagne, NSA President

Post Date: November 1, 2016

I was extremely privileged in the last several days to have the opportunity to travel to North Dakota as President of the National Sheriffs' Association to see firsthand the protest and the response hereto to the Dakota Access Pipeline Project near the Standing Rock Sioux Reservation about 25 miles south of Bismarck.

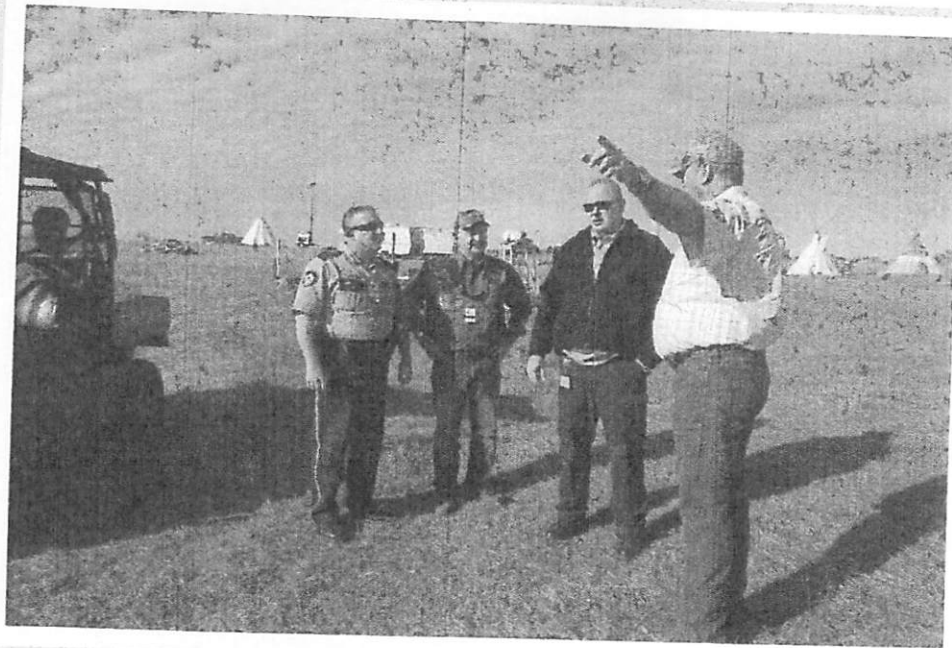
I learned first that the pipeline project, which has been in the works for several years, will traverse four states including North Dakota, South Dakota, Iowa and Illinois carrying crude oil. First, I was surprised to learn that a natural gas pipeline is already underground on the same right of way. The DAP has received all federal approvals over several years, and litigation which attempted to stop it in the federal courts has been resolved. Despite this project being very "federal" in nature and clearly in interstate commerce, the Obama administration has refused to

provide any law enforcement or other support to North Dakota state and local law enforcement that has placed them in the position of having to enforce the rule of law. As usual, law enforcement is put between a rock and a hard place due to various political agendas.

Based upon sensational news reports, I had the wrong impression that this pipeline was to run directly through the Standing Rock Reservation and would disturb ancient burial grounds of the Sioux Tribes. The argument has evolved now that this pipeline will jeopardize the water supply of the Missouri River (despite the fact that the pipeline will pass under other rivers including the Mississippi throughout its entire route). Also, the Cannonball River which runs throughout the Standing Rock Reservation is actually "upstream" from the pipeline crossing. This false narrative has understandably generated a great deal of sympathy and support from many quarters for the Standing Rock Sioux People. I quickly learned and saw for myself that this was untrue. The pipeline passes about two miles north of the reservation and that years of archeological study uncovered no significant native historical sites. It is difficult to believe that a single modern pipeline would be more environmentally risky than transporting crude oil by rail or truck through the same territory.

The Dakota Access Pipeline is 95% complete and the construction work near Standing Rock is the last phase which will tie the pipeline together. ***It is a 3.7 Billion Dollar Project.***

This past Thursday, October 27th, steps were taken the morning before I arrived which evicted protestors from private property directly in the path of the pipeline. This "northern" camp was erected just days before and the occupants had been warned repeatedly for several days that their presence there was unlawful and that eviction was imminent. These warnings went unheeded.



Despite the statements coming from the media and protesters that they were completely peaceful and prayerful, it has been a fact that more militant

protestors (terrorists) have destroyed property and physically beaten employees of the company in recent weeks. I personally witnessed and photographed what I estimate to be at least a half-million dollars in damage to bulldozers and excavators. I further learned that many protestors other than Native American groups have descended upon the area such as anarchists and eco-terrorists who are hell bent on committing violence and damage. The police presence in the area to protect farmers, ranchers and other private property interests has been costing the state of North Dakota millions of dollars.

The Sheriffs of several states have contributed manpower over the last several weeks to help preserve order and protect property. On October 27th, law enforcement evicted the trespassers from the north camp on private property about three miles north of the Cannonball River. While pleading with the trespassers for a peaceful move, law enforcement officers were met with Molotov cocktails and various missiles such as rocks and logs being thrown at them causing numerous injuries to the officers. The only discharge of a firearm occurred when a protestor fired at the line of officers. Miraculously, none were hit

by the bullets. When the protestors were moved south of the bridge, two trucks used to blockade the roadway were set on fire by the protestors. This action now has very possibly jeopardized the integrity of that bridge. News accounts ironically then decried the use of defensive equipment such as "riot gear" and armored vehicles by law enforcement.

Many media sites reported only that "heavy handed" police tactics were used upon the protestors who were only praying and "peacefully" protesting. These same outlets failed to mention the shooting, Molotov cocktails, and extensive property and

equipment damage produced by some of the protestors. The protestors even cut fences and attempted to induce a domesticated buffalo herd to stampede



through the area. The owners of the herd, whom I spoke with personally indicated that at least a dozen of their buffalo were killed by protestors.

The next morning, I was present as law enforcement leaders including

Sheriff Paul Laney met with leaders of the tribe. The tribal representatives lamented the violent and destructive behavior of "outsiders" who had come in only to commit violence. They

indicated that they would encourage these violent agitators to leave the camp and protest.

While the entire situation seemed to be de-escalating upon my departure on Sunday October 30th, it remains to be seen if the violence and illegal acts are truly over. I must commend the professionalism and patience of law enforcement officers under the leadership of sheriffs such as Cass County Sheriff and National Sheriffs' Association Board member Paul Laney, Morton County Sheriff Kyle Kirchmeier, and Burleigh County Sheriff Paul Heinert. The North Dakota State Police as well as several area Police Departments also played essential roles. The operation evicting trespassers, some of whom became violent was carried out with professionalism and restraint despite liberal press stories to the contrary. I must also commend the numerous sheriffs' offices throughout the multi-state area including NSA Executive Committee Member Rich Stanek of Hennepin County, Minnesota who sent personnel to assist with protecting lives and property.

I certainly feel empathy for the Native American peoples of America and especially the Sioux due to the treatment they received at the hands of the U.S. Government in the latter part of the 19th Century. These Native American Cultures are and should be a proud people for whom we should all have concern.

However, the law and facts simply do not weigh in their favor in this case from everything I've seen. This project went through an extensive approval process over many years and court challenges in Federal Court have failed to be successful. We are a nation of laws. Emotion and empathy cannot carry the day. It just seems that opposition to this pipeline is not reasonably based upon legitimate environmental concerns. Energy independence has been one of the major goals of this country for decades. In my home state of Louisiana, we are surrounded by gas and oil

pipelines and safely so. In another ironic twist, it is widely known that the Standing Rock Tribal Chairman owns a convenience store and gasoline station on the reservation.

It's time for everyone to move on in reference to The Dakota Access Pipeline and stop putting further strain on the citizens and law enforcement officers of North Dakota and surrounding states.

Greg Champagne, President

National Sheriffs' Association

KEY OFFERINGS

PRESS CENTER (/CONTACT-US/PRESS-CENTER)

CAREER CENTER
([HTTP://NSACAREERS.SHERIFFS.ORG/](http://nsacareers.sheriffs.org/))

LEGISLATIVE ISSUES (/GOVERNMENT-
AFFAIRS/LEGISLATIVE-ISSUES)

ULTIMATE GUIDE
([HTTP://ULTIMATEGUIDEFORSHERIFFS.COM/](http://ultimateguideforsheriffs.com/))

AMERICA'S SHERIFFS (/NSA-
MEMBERSHIP/MEMBER-DIRECTORY)

**United States House of Representatives
Committee on Science, Space, and Technology**

Majority Staff Report



***Russian Attempts to Influence U.S. Domestic Energy
Markets by Exploiting Social Media***

March 1, 2018

*Shadow Proof
Refers to Settle Scheme*

Executive Summary

The purpose of this report is to provide the American people with the findings of the Committee's investigation into Russian efforts to influence U.S. energy markets. First, the report discusses several factors driving the Kremlin's desire to interfere with U.S. energy markets and influence domestic energy policy. Next, it demonstrates how the Kremlin manipulated various groups in an attempt to carry out its geopolitical agenda, particularly with respect to domestic energy policy. Finally, this report provides an assessment of the Committee's findings, including examples of Russian-propagated content targeting U.S. energy markets and domestic energy policy. The facts put into perspective the nature and extent of the Kremlin's energy influence-peddling operation.

The Committee began investigating Russian attempts to influence U.S. energy markets in the summer of 2017 when Chairman Smith wrote the Secretary of Treasury regarding Russia's intricate money-laundering scheme. Russian-sponsored agents funneled money to U.S. environmental organizations in an attempt to portray energy companies in a negative way and disrupt domestic energy markets.¹ Upon discovering that Russia may have exploited American social media platforms to accomplish its disruptive objectives, the Committee broadened the scope of its investigation. On September 26, 2017, the Committee requested data from Facebook and Twitter as part of this expanded investigation.²

Documents that the American social media companies produced for the Committee confirmed that Russian agents were exploiting American social media platforms in an effort to disrupt domestic energy markets, suppress research and development of fossil-fuels, and stymie efforts to expand the use of natural gas.

Subsequent to the Committee's initial request, media revelations indicated that Russian operatives, "intent on exploiting existing divisions and social movements in the United States," had in fact sought to influence U.S. energy markets by exploiting American social media platforms.³ According to the media report, Russian agents exploited Instagram by "shar[ing] images related to Native American social and political issues—including the construction of the Dakota Access Pipeline."⁴ Moreover, many of the Russian-linked accounts targeted "highly visible tension points" in America, including "protests against pipelines."⁵

These revelations bolstered the Committee's suspicions that Russia was actively engaged in a concerted effort to disrupt U.S. energy markets and influence domestic energy policy and was exploiting American social media platforms in an attempt to carry out this objective. As

¹ Letter from Hon. Lamar Smith, Chairman, H. Sci., Space, & Tech. Comm. to Hon. Steven T. Mnuchin, Secretary, U.S. Dep't of Treasury (June 29, 2017).

² Letter from Hon. Lamar Smith, Chairman, H. Sci., Space, & Tech. Comm. to Mr. Mark E. Zuckerberg, Founder, Chairman, & Chief Exec. Officer, Facebook and Mr. Jack Dorsey, Chief Exec. Officer, Twitter, Inc. (Sept. 26, 2017).

³ Ryan C. Brooks, *How Russians Attempted to Use Instagram to Influence Native Americans*, BUZZFEED NEWS (Oct. 23, 2017), <https://www.buzzfeed.com/amphtml/ryancbrooks/russian-troll-efforts-extended-to-standing-rock>.

⁴ *Id.*

⁵ *Id.*

such, the Committee reiterated to the American social media companies its interest in information regarding Russian entities purchasing advertisements or posting content targeting domestic energy markets. On October 31, 2017, Chairman Smith again wrote the social media companies requesting information.⁶

* The Committee received and reviewed the companies' produced documents for evidence of Russian influence. Twitter, Facebook, and Instagram were able to identify Russian accounts linked to the Internet Research Agency (IRA), a Russian company based in Saint Petersburg established by the Russian government for the purpose of deceptively using various social and traditional media platforms to advance Russian propaganda.⁷ The information received from Twitter, Facebook, and Instagram shows that Russian agents indeed sought to disrupt U.S. energy markets and influence domestic energy policy by exploiting American social media platforms.

Findings

- Between 2015 and 2017, there were an estimated 9,097 Russian posts or tweets regarding U.S. energy policy or a current energy event on Twitter, Facebook, and Instagram.
- Between 2015 and 2017, there were an estimated 4,334 IRA accounts across Twitter, Facebook, and Instagram.
- According to information provided by Twitter, more than four percent of all IRA tweets were related to energy or environmental issues, a significant portion of content when compared to the eight percent of IRA tweets that were related to the election in the U.S.
- Russia exploited American social media as part of its concerted effort to disrupt U.S. energy markets and influence domestic energy policy.
- * ➤ The IRA targeted pipelines, fossil fuels, climate change, and other divisive issues to influence public policy in the U.S.

Discussion

I. Russia works to disrupt U.S. energy markets

Russia has a significant interest in disrupting U.S. energy markets and influencing domestic energy policy. American energy is booming. America's emergence as a global energy

⁶ Letter from Hon. Lamar Smith, Chairman, H. Sci., Space, & Tech. Comm. to Mr. Mark E. Zuckerberg, Founder, Chairman, & Chief Exec. Officer, Facebook and Mr. Jack Dorsey, Chief Exec. Officer, Twitter, Inc. (Oct. 31, 2017).

⁷ See generally Indictment, United States v. Internet Research Agency LLC et al., No. 1:18-cr-00032 (D.D.C. Feb. 16, 2018).

exporter presents a significant threat to Russian energy interests. Such competition reduces the revenue and influence generated by Russian energy exports. This adversely affects the Kremlin's ability to leverage Eastern Europe's reliance on their energy and their ability to carry out their geopolitical agenda. The surge of American energy into the global marketplace heightens the Kremlin's desire to eliminate or mitigate the American energy threat and to do so by influencing social media users, American voters, and public officials.

Fracking Threatens the Kremlin's Agenda

The United States has recently experienced an energy production boom that stands to "fundamentally reshape the global energy landscape."⁸ Although many factors have contributed to increased domestic production capacity, record-breaking production in the United States is primarily "attributable to increased production of natural gas and crude oil enabled by the use of hydraulic fracturing techniques," also referred to as fracking.⁹

Horizontal drilling and hydraulic fracturing as a means for producing oil and natural gas began in the early 2000s.¹⁰ At that time, there were "approximately 26,000 hydraulically fractured wells" in the United States, which accounted for "less than 7%" of all U.S. marketed natural gas.¹¹ By 2011, fracking had become the primary method for oil and natural gas development in the United States.¹² Since 2014, fracked wells have "accounted for most of all new wells drilled and completed."¹³ The number of fracked wells had climbed "to an estimated 300,000" by 2015, and were responsible for approximately 67 percent of all U.S. natural gas output.¹⁴

Government and industry projections indicate that domestic production will continue to increase. Trends from 2017 indicate that the U.S. has almost completed its transition from a net importer of natural gas to a net exporter. According to the U.S. Energy Information Administration (EIA), natural gas production will provide the greatest contribution to overall production growth during 2018, with growth in crude oil production providing the greatest impact on overall output in 2019.¹⁵ Additionally, the EIA expects 2018 to be a record-breaking year for domestic crude oil and natural gas production and government forecasts indicate that in 2019 domestic production will reach "a level that would rival Russia, the world's top producer."¹⁶

⁸ Matt Egan, *Oil Milestone: Fracking Fuels Half of U.S. Output*, CNN MONEY (Mar. 24, 2016), <http://money.cnn.com/2016/03/24/investing/fracking-shale-oil-boom/index.html>.

⁹ U.S. Energy Info. Admin., *EIA Expects Total U.S. Fossil Fuel Production to Reach Record Levels in 2018 and 2019*, EIA (Jan. 18, 2018), <https://www.eia.gov/todayinenergy/detail.php?id=34572>.

¹⁰ U.S. Energy Info. Admin., *Hydraulically Fractured Horizontal Wells Account for Most New Oil and Natural Gas Wells*, EIA (Jan. 30, 2018), <https://www.eia.gov/todayinenergy/detail.php?id=34732>.

¹¹ U.S. Energy Info. Admin., *Hydraulically Fractured Wells Provide Two-Thirds of U.S. Natural Gas Production*, EIA (May 5, 2016), <https://www.eia.gov/todayinenergy/detail.php?id=26112>.

¹² See U.S. Energy Info. Admin., *supra* note 10.

¹³ U.S. Energy Info. Admin., *supra* note 10.

¹⁴ U.S. Energy Info. Admin., *supra* note 11.

¹⁵ See U.S. Energy Info. Admin., *supra* note 9.

¹⁶ Liz Hampton, *U.S. Oil Industry Set to Break Record, Upend Global Trade*, REUTERS (Jan. 16, 2018), <https://www.reuters.com/article/us-usa-oil-record-shale-analysis/u-s-oil-industry-set-to-break-record-upend-global-trade-idUSKBN1F50HV>.

The substantial increase in domestic production has resulted in an abundant supply of American energy, which is increasingly making its way into the global marketplace. While this stands to provide substantial economic benefits to the U.S., it simultaneously represents a direct threat to Russian energy interests. First, an abundance of American supply in the global energy marketplace stands to reduce Russian market share and thus revenues generated from oil and gas activities. Second, by providing supply alternatives for European countries dependent on Russian supply and infrastructure, American energy stands to disrupt the Kremlin's ability to leverage energy consumption for geopolitical influence.

Russia provides roughly 75 percent of the natural gas imported by countries in Central and Eastern Europe while the countries in Southeast Europe "receive almost all of their natural gas from Russia."¹⁷ "Russia's Gazprom has acknowledged for the first time a threat to its dominant position in European gas market from an expected influx of liquefied natural gas (LNG) produced in the United States under [the Trump] administration."¹⁸ Shortly after this acknowledgment, U.S. LNG made its way to Poland¹⁹ and Lithuania.²⁰ In fact, Poland recently signed a five-year deal with the United States to import liquefied natural gas into the country in an attempt to decrease dependency on Russian energy supplies.²¹

As the threat of American energy continues to grow, so does the Kremlin's incentive to influence energy operations in Europe and the United States. Moreover, as they have demonstrated, the Kremlin will use any and all tools at their disposal to preserve Russia's dominant energy status and to maintain its stranglehold over Eastern and Central Europe.

II. ✈️ Republicans and Democrats agree the Kremlin is manipulating environmental groups in an attempt to carry out their agenda

The Kremlin has a motive to disrupt U.S. energy markets and influence domestic energy policy, since American energy represents a direct threat to Russian energy interests. Russia's efforts to influence U.S. energy policy are well documented in the public domain. U.S. presidential candidates, European officials, and the U.S. intelligence community have all publicly noted that Russia and its government corporations are funding a covert anti-fracking campaign to suppress the widespread adoption of fracking in Europe and the U.S., all in an effort to protect the influence of the Russian oil and gas sector.²² Anders Fogh Rasmussen, then-

¹⁷ U.S. Energy Info. Admin, *Country Analysis Brief: Russia*, EIA (Oct. 31, 2017),

https://www.eia.gov/beta/international/analysis_includes/countries_long/Russia/russia.pdf.

¹⁸ Oksana Kobzeva, *Russia Acknowledges Threat from Trump's Energy Policy on EU Gas Market*, REUTERS (Jan. 13, 2017), <https://www.reuters.com/article/us-russia-usa-lng/russia-acknowledges-threat-from-trumps-energy-policy-on-eu-gas-market-idUSKBN14X1SU>.

¹⁹ See Timothy Cama, *Poland Signs 5-Year US Natural Gas Import Deal*, THE HILL (Nov. 21, 2017), <http://thehill.com/policy/energy-environment/361413-poland-signs-5-year-us-natural-gas-import-deal>.

²⁰ See Andrius Sytas, *Lithuania Receives First LNG from the United States*, REUTERS (Aug. 21, 2017), <https://www.reuters.com/article/us-lithuania-lng/lithuania-receives-first-lng-from-the-united-states-idUSKCN1B11BW>.

²¹ See Cama, *supra* note 19.

²² Office of the Dir. of Nat'l Intelligence, *Background to "Assessing Russian Activities and Intentions in Recent US Election": The Analytic Process and Cyber Incident Attribution* 8 (Jan. 6, 2017), available at https://www.dni.gov/files/documents/ICA_2017_01.pdf (explaining the anti-fracking programming by RT American

Secretary General of NATO, told reporters in 2014, “Russia, as part of their sophisticated information and disinformation operations, engaged actively with so-called nongovernmental organizations—environmental organizations working against shale gas—to maintain dependence on imported Russian gas.”²³

Former Secretary of State and then-presidential candidate Hillary Clinton, with access to intelligence reports, made a private speech in 2014, according to documents from WikiLeaks, which included statements about the struggles of dealing with Russian-backed environmental groups. According to a media report, Secretary Clinton said the following: “We [the State Department and the U.S.] were up against Russia pushing oligarchs and others to buy media. We were even up against phony environmental groups, and I’m a big environmentalist, but these were funded by the Russians to stand against any effort, ‘Oh that pipeline, that fracking, that whatever will be a problem for you,’ and a lot of the money supporting that message was coming from Russia.”²⁴

In January 2017, the Office of the Director of National Intelligence released a report that contained “clear evidence that the Kremlin is financing and choreographing anti-fracking propaganda in the United States.”²⁵ The report found that the Russian-sponsored news agency RT (formerly *Russian Today*) “r[an] anti-fracking programing, highlighting environmental issues and the impacts on public health,” which “is likely reflective of the Russian Government’s concern about the impact of fracking and the U.S. natural gas production on the global energy market and the potential challenges to [Russian energy companies’] profitability,” such as state-controlled Russian energy giant Gazprom.²⁶ A Republican staff report by the Senate suggests

TV – a Kremlin-financed channel operated from within the U.S.); Eric Roston, *Putin’s Other American Propaganda Effort: Anti-Fracking News*, BLOOMBERG (Jan. 9, 2017), <https://www.bloomberg.com/news/articles/2017-01-10/putin-s-other-american-propaganda-effort-anti-fracking-news>; Michael Bastasch, *Hillary’s Leaked Speeches Confirm Russia Funded Anti-Fracking Groups*, DAILY CALLER (Oct. 10, 2016), <http://dailycaller.com/2016/10/10/hillarys-leaked-speeches-confirm-russia-funded-anti-fracking-groups/>; Fiona Harvey, *Russia ‘Secretly Working with Environmentalists to Oppose Fracking’*, THE GUARDIAN (June 19, 2014), <https://www.theguardian.com/environment/2014/jun/19/russia-secretly-working-with-environmentalists-to-oppose-fracking>.

²³ Andrew Higgins, *Russian Money Suspected Behind Fracking Protests*, NY TIMES (Nov. 30, 2014), <https://www.nytimes.com/2014/12/01/world/russian-money-suspected-behind-fracking-protests.html>.

²⁴ Valerie Richardson, *Leaked Emails Show Hillary Clinton Blaming Russians for Funding ‘Phony’ Anti-fracking Groups*, WASH. TIMES (Oct. 10, 2016), <http://www.washingtontimes.com/news/2016/oct/10/clinton-blames-russians-anti-fracking-groups/>.

²⁵ Drew Johnson, *Intelligence: Putin is Funding the Anti-Fracking Campaign*, NEWSWEEK (Jan. 29, 2017), <http://www.newsweek.com/intelligence-putin-funding-anti-fracking-campaign-547873>; see Office of the Dir. of Nat’l Intelligence, *supra* note 22.

²⁶ Office of the Dir. of Nat’l Intelligence, *supra* note 22 at 8; For extensive detail on the connections, see H. Comm. on Sci., Space, & Tech. Subcomm. on Oversight, *Letter to Sec. Steven Mnuchin, U.S. Dep’t of Treasury*, 115th Cong. (June 29, 2017); see also Kevin Mooney, *Putin Is Funding Green Groups To Discredit Natural Gas Fracking*, NEWSWEEK (July 11, 2017), <http://www.newsweek.com/putin-funding-green-groups-discredit-natural-gas-fracking-635052>; John Sicilliano, *Hacking Report: Russia Engaged in Anti-Fracking Campaign*, WASH. EXAMINER (Jan. 6, 2017), <http://www.washingtonexaminer.com/hacking-report-russia-engaged-in-anti-fracking-campaign/article/2611144>; Higgins, *supra* note 23.

that Russian funds have been funneled through off-shore corporations and passed on to U.S.-based environmental activist organizations with the intent to effect political change.²⁷

More recently Senator Ben Cardin released a voluminous report on Russian manipulation of the media over decades. Specific to oil and gas, the Cardin report cited a “study by the Wilfried Martens Centre for European Studies [which] reports that the Russian government has invested \$95 million in NGOs that seek to persuade EU governments to end shale gas exploration,” which illustrates how American energy directly clashes with the Russian energy agenda.²⁸ Senator Cardin’s work reiterates that “according to NATO officials, Russian intelligence agencies also reportedly provide covert support to European environmental groups to campaign against fracking for natural gas, thereby keeping the EU more dependent on Russian supplies.”²⁹

Additionally, as further evidence of Russian attempts to spread propaganda in the United States, U.S. Department of Justice officials have demanded that the U.S. based affiliate of RT register as a foreign agent under the Foreign Agents Registration Act (FARA).³⁰ FARA requires that agents representing the interests of foreign governments in any political or quasi-political capacity disclose public communications aimed at influencing American political debate or public policy.³¹ Through local programs all over the world, RT and other news agencies operate as a government-funded arm of Russia in its attempts to destabilize and disrupt democratic institutions and the free market. Under FARA, the American people have the right to evaluate the “statements and activities of [persons acting as foreign agents] in light of their function as foreign agents.”³²

To that end, the Kremlin is attempting to make, as Senator Cardin’s report states, “useful idiots” of unwitting environmental groups and activists in furtherance of its energy influence operations.³³ Although this is not a new tactic in the Kremlin’s playbook, it has been adapted to account for modern technological advancements like the Internet and social media. Throughout history, the Kremlin has engaged and manipulated unwitting individuals to disseminate propaganda in furtherance of its global agenda.³⁴ The Kremlin continues to employ this tactic, which has become substantially more effective with the proliferation of the Internet and social media. By leveraging the sincerely held views and beliefs of unwitting agents, the Kremlin is able to exploit polarized issues in American democracy to influence action in furtherance of its agenda.

²⁷ See Senate Comm. on Env’t & Pub. Works, 113th Cong., *Chain of Environmental Command: How a Club of Billionaire and Their Foundation Control the Environmental Movement and Obama’s EPA* (Comm. Print July 30, 2014).

²⁸ Staff of S. Comm. on Foreign Relations, 115th Cong., *Putin’s Asymmetric Assault on Democracy in Russia and Europe: Implications for U.S. National Security*, at 53 (Comm. Print 2018), available at <https://www.foreign.senate.gov/imo/media/doc/FinalRR.pdf> [hereinafter Cardin Report].

²⁹ *Id.*

³⁰ Megan R. Wilson, *Russian Network RT Must Register as a Foreign Agent in US*, THE HILL (Sept. 12, 2017), <http://thehill.com/business-a-lobbying/business-a-lobbying/350226-russian-network-rt-must-register-as-foreign-agent-in>.

³¹ U.S. DEP’T OF JUSTICE, *Foreign Agent Registration Act* (last visited Sept. 15, 2017), <https://www.fara.gov/>.

³² *Id.*

³³ See Cardin Report, *supra* note 28 at 47.

³⁴ See Cardin Report, *supra* note 28 at 7.

III. The Kremlin exploited social media to influence opinions about U.S. energy and environmental policy

In recent years, the Kremlin has ramped up its influence operations on the Internet and social media.³⁵ Social media platforms, such as Twitter and Facebook, have the ability to serve as an effective propaganda arm for conveying specific messages to geographically targeted audiences.³⁶ Using the lightning rods of energy and environmental policy, Russian agents affiliated with the IRA worked to influence public opinion in the U.S. This section of the report provides social media posts or examples of this effort and discussion of the underlying issue. The examples (also referred to as “Russian posts” or “Russian content”) included in this section were provided by Twitter, Facebook, and Instagram (collectively “the social media companies”), and were propagated by accounts the social media companies have linked to the IRA.

Pipelines and Energy Infrastructure

Pipelines and domestic energy infrastructure were a primary target of the Russian agents. Specifically, several posts encouraged protests of pipeline construction, which is illustrative of the Kremlin’s indiscriminate efforts to influence U.S. energy policy. Numerous posts, for example, directly targeted the Dakota Access Pipeline (DAPL). The posts emphasized and exacerbated the alleged violent nature of the DAPL protests. Additionally, several Russian posts focused on the counter-narrative and sought to exploit anti-activist sentiment by propagating content supportive of pipeline construction efforts, illustrating once again the Kremlin’s indiscriminate efforts to cause discord and disruption.



* The Russian content targeting pipelines was not limited to the DAPL. Russian posts also targeted several other pipelines, including Sabal Trail, Keystone XL, Colonial, Bayou Bridge, and Enbridge Line 5. Additionally, the efforts of the Russian agents went beyond stirring up existing controversy surrounding the pipelines. Russian agents attempted to incite Americans to take action against pipeline efforts by promoting links and references to online petitions. Numerous tweets, for example, encouraged viewers to follow links to petitions aimed at stopping the Dakota Access, Sabal Trail, and Enbridge Line 5 pipelines. This demonstrates that Russian agents attempted to directly influence the American energy industry. Russians, through posts, engaged in a concerted effort to undermine U.S. energy production.

³⁵ See Cardin Report, *supra* note 28 at 29.

³⁶ Alex Hern, *Facebook and Twitter Are Being Used to Manipulate Public Opinion – Report*, THE GUARDIAN (June 19, 2017), <https://www.theguardian.com/technology/2017/jun/19/social-media-proganda-manipulating-PUBLIC-opinion-bots-accounts-facebook-twitter>.

RUSSIAN SOCIAL MEDIA POSTS

**DAKOTA ACCESS
PIPELINE HAS
ALREADY LEAKED
84 GALLONS OF OIL.**

*like if you want
justice!*

INJUSTICE
ANYWHERE
Threatens
JUSTICE
EVERYWHERE

Facebook

Page name: "Born Liberal"

Shares: 5

Likes: 9

Reactions: 3

Comments: 0

Posted: May 11, 2017

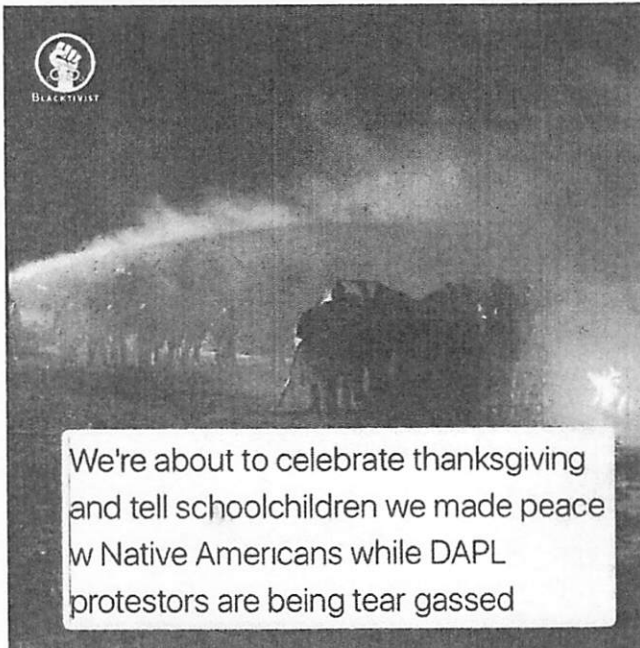
Instagram

Account name: "bornliberal"

Likes: 1,794

Comments: 96

Posted: May 11, 2017



Facebook

Page name: "Blacktivist"

Shares: 497

Likes: 378

Reactions: 293

Comments: 65

Posted: November 25, 2016

LET ME GET THIS STRAIGHT



POLICE FROM 5 STATES WERE PAID WITH OUR EXTORTED TAX DOLLARS TO ATTACK WATER PROTECTORS WITH WATER CANNONS IN 23° WEATHER FOR OVER 6 HOURS, BLEW APART A WOMAN'S ARM, NEARLY KILLED A TRIBAL ELDER, SHOT A 13-YEAR-OLD GIRL IN THE HEAD, SENT AROUND 30 PEOPLE TO THE HOSPITAL, INJURED 300 — LIED ABOUT ALL OF IT — SO AN OIL CONGLOMERATE CAN POISON THE WATER FOR PROFIT?

Facebook

Page name: "Born Liberal"

Shares: 56

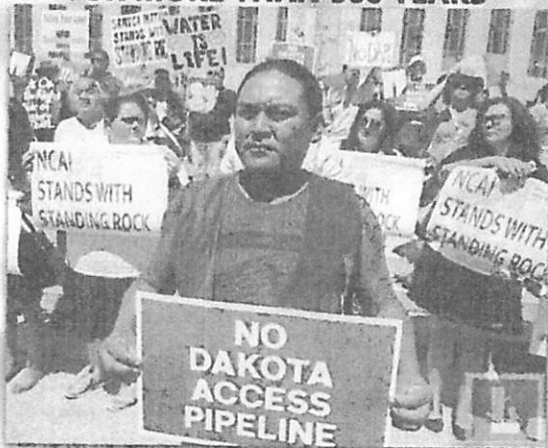
Likes: 33

Reactions: 39

Comments: 4

Posted: November 29, 2016

DEAR AMERICA: WE'VE BEEN BRUTALIZING AND STEALING FROM NATIVE AMERICANS FOR MORE THAN 500 YEARS



CAN WE PLEASE NOT RUN THIS PIPELINE THROUGH THEIR SACRED WATERS?

Facebook

Page name: "Born Liberal"

Shares: 5

Likes: 12

Reactions: 0

Comments: 0

Posted: March 7, 2017

Instagram

Account name: "bornliberal"

Likes: 1,042

Comments: 105

Posted: March 7, 2017