

AGENDA
CASCADE CHARTER TOWNSHIP
REGULAR BOARD MEETING

Wednesday, April 10, 2024

7:00 P.M.

Wisner Center
2870 Jacksmith Drive SE,
Grand Rapids, MI 49546

Public may access the meeting via video conference software Zoom

<https://us02web.zoom.us/j/86125580789>

Meeting ID: 861 2558 0789

By Phone: 1 312 626 6799

Expected Meeting Procedures

1. During public comments you may speak on any item not noted on the agenda for a public hearing.
2. Please limit comments to 3 minutes per person and the Board may or may not choose to respond.
3. Please limit your comments to a specific issue.
4. Please turn OFF cellular phones.

- Article 1. Call to Order, Roll Call**
- Article 2. Pledge of Allegiance to the Flag**
- Article 3. Approval of Agenda**
- Article 4. Presentations**
- a. Thornapple River SAD Presentation
- Article 5. Public Comments - Anything on the Agenda not scheduled for a public hearing. (Limit comments to 3 minutes)**
- Article 6. Approval of Consent Agenda**
- a. Receive and File Minutes
 1. Township Board Meeting–3/27/24
 - b. Receive and File Communication
 1. Thornapple River SAD Annual Report
- Article 7. Financial Actions**
- a. Request for Invoices to be paid on 4/11/2024
- Article 8. Unfinished Business**

Article 9. New Business

**028-2024 Consider Resolution to Approve Fire Millage Language
(Roll Call)**

**029-2024 Consider Approval of Buttrick Avenue Shared Use
Pathway Bridge Repair**

**030-2024 Consider Approval to Amend PUD-02 Ordinance (Second
Reading) (Roll Call)**

**031-2024 Consider Approval of Thornapple River SAD Safety and
Navigational Marking Contract**

**032-2024 Consider Approval of Village Design Review Committee
Members**

Article 10. Discussion

**Article 11. Public Comments – Any comments...whether it is on the agenda or
not. (Limit comments to 3 minutes)**

Article 12. Manager Comments

Article 13. Board Member Comments

Article 14. Adjournment

**MINUTES OF THE
CASCADE CHARTER TOWNSHIP
REGULAR BOARD MEETING**

Wednesday, March 27, 2024

Wisner Center

2870 Jacksmith Dr SE

Grand Rapids, MI 49546

And Virtual Zoom Meeting

7:00 P.M.

HYBRID FORMAT

- Article 1.** Supervisor Lesperance called the meeting to order.
Present: Supervisor Lesperance, Clerk Slater, Treasurer Korstange,
Trustees Shipley, McDonald and Noordhoek
Absent: Trustee Koessel (excused)
Also Present: Engineer Thorne, Deputy Clerk Jager, Manager Smith and
those listed in the Supplement
- Article 2.** Supervisor Lesperance led the Pledge of Allegiance.
- Article 3. Approval of Agenda**
Motion by Trustee Shipley, seconded by Treasurer Korstange to approve
the agenda. Motion carried unanimously.
- Article 4. Presentations**
None
- Article 5. Public Comments-Anything on the Agenda not scheduled for a public
hearing. (Limit comments to 3 minutes)**
None
- Article 6. Approval of Consent Agenda**
- a. Receive and File Minutes
 - 1. Township Board Meeting-3/13/24
 - 2. Planning Commission Meetings-2/5/24 & 2/26/24
 - b. Receive and File Reports
 - 1. Building Department Reports 2/24
 - c. Receive and File Education Requests
 - 1. Vince Milito-PIAM Spring Conference April 25-26, 2024
 - 2. Dennis Rowlander & Bill Benoit-COCM Spring Conference April 29-
May 1, 2024
 - d. Receive and File Communication
None

Motion by Trustee McDonald, seconded by Trustee Shipley to approve the
Consent Agenda. Motion carried unanimously.

Article 7. Financial Actions

- a. Request for Invoices to be paid on 3/28/2024
Motion by Trustee Shipley, seconded by Treasurer Korstange to approve.
Motion carried unanimously.

Article 8. Unfinished Business

None

Article 9. New Business

023-2024 Consider Approval of Updated Education Assistance Policy

Motion by Trustee McDonald, seconded by Treasurer Korstange to approve policy with modifications. Motion carried unanimously.

024-2024 Consider Approval of Building, Facilities and Grounds Manager Position Motion by Treasurer Korstange, seconded by Trustee Shipley to approve position. Motion carried unanimously.

025-2024 Consider Introduction to Amend PUD-02 Ordinance First Read

Motion by Treasurer Korstange, seconded by Trustee McDonald to approve amendment introduction. Motion carried unanimously by roll call vote.

026-2024 Consider Approval of 2024 Pathways & Parking Lot Contract

Motion by Trustee McDonald, seconded by Trustee Shipley to approve contract. Motion carried unanimously.

027-2024 Consider Approval of Planning Commission Appointments Motion

by Trustee McDonald, seconded by Treasurer Korstange to approve appointments. Motion carried unanimously.

Article 10. Discussion

None

Article 11. Public Comments

1. Scott Rissi-7238 Cascade Rd-Thanked the Board for reappointment and corrected the term length of his tenure as Planning Commissioner.
2. Ralph Moxley-7257 Hillsboro-Thanked the Board for reappointments. He also expressed thanks for Planning & Community Development Director Hendrick, Zoning Administrator Jacoby-Smith and Mckenna Associate Danielle Bouchard.

Article 12. Manager Comments

1. Manager Smith stated Jeff Carpenter will be at the next Special Assessment District meeting for Thornapple River. April 10 has a 5:30 pm Work Session before the regular meeting regarding the Hotel Ordinance.

Article 13. Board Member Comments

1. Trustee Shipley thanked those in attendance for coming to the meeting. He reminded the public that all tax dollars spent are budgeted and transparent.
2. Trustee McDonald appreciated the emerging development of Friendship Park.
3. Supervisor Lesperance spoke about the development of the village area- plans are underway.

Article 14. Adjournment

Motion by Trustee McDonald, seconded by Trustee Shipley to adjourn.
Motion carried unanimously. Meeting adjourned at 7:33 pm.

Jennifer Jager
Deputy Clerk

DRAFT

Approved by:

Grace Lesperance, Supervisor

Susan B. Slater, Clerk



**THORNAPPLE RIVER
SPECIAL
ASSESSMENT
DISTRICT**

**ANNUAL
REPORT**

2023

MEMBERS

THORNAPPLE RIVER SAD COMMITTEE MEMBERS

John Shipley, Trustee
Jeff Carpenter, Cascade Thornapple River Assoc. Rep
Thomas Keith
Scott Rissi
Leann Rowland
Chuck Whitley
Michael Wiegand

TOWNSHIP STAFF ASSISTING THE COMMITTEE

Jade Smith, Township Manager
Melanie Manion, Parks Director
Aric Thorne, Township Engineer
Jessica Stine, Management Office Administrative Assistant

SAFETY & NAVIGATIONAL MARKING PROJECT

The Thornapple River SAD Committee kicked off 2023 with the creation of an RFP to select a contractor to aid in developing and implementing a Safety & Navigational Marking Plan for the SAD section of the Thornapple River. Viking Marine Construction won the bid and took lead on obtaining permits to mark hazards on the river. Permitting was subcontracted to Peterson Vandenburg. Marking of objects/the channel will primarily be between the I-96/M-6 bridges and the CSX railroad bridge. This project is currently awaiting state approval from EGLE and will likely move forward in the next one to two years, depending on how long it takes for permit approval and availability of a contractor to place the navigational markers. The permit will be open for 5 years once approved. More markers were requested than will be placed as it will be easier for the committee to make modifications to the placement as necessary, without requiring additional permits. The committee intends to limit the number of markers so site lines to the water remain scenic. The locations of markers requested in the permit are included in the appendix of this report.

In preparation for the permitting process, Viking Marine Construction surveyed river depths and provided the Township with both the raw data and professional mapping of the SAD portion of the river. While this information was obtained for permitting, the committee hopes to use it for other SAD related tasks in the future, such as updating the river map.

AQUATIC VEGETATION CONTROL & WATER TESTING

This year marked the second successful season of weed treatments and water quality testing of the river by PLM Lake & Land Management Corp. Water Quality results, including tests for E. coli, conductivity, total dissolved solids, pH, alkalinity, total phosphorus, nitrates, and chlorophyll are included in the appendix. The 2023 milfoil harvest, the cutting and removal of the exotic and highly invasive species, Eurasian watermilfoil, went much more smoothly than the 2022 mechanical harvest. In 2022 large quantities of weeds floated down stream. The committee recommended a change to PLM's mechanical harvesting process and that appears to have greatly reduced the amount of weeds floating downstream. While both the committee and Township received concerns related to this in 2022, neither received negative feedback from residents related to the mechanical harvesting of weeds in 2023.

Fewer acres of the river were weed treated in 2023 than in previous years, since fewer areas of invasive species were present; this suggests that the weed treatments are working. The committee hopes this trend continues, but are ready to act if new problems arise. In fall of 2023, there was an extensive algae bloom in Ada Township and, while Cascade Township has not experienced anything similar, the situation is being closely monitored.

SAD FUNDS

The SAD committee received an unexpected and welcome visit at its September meeting from Supervisor Lesperance and Treasurer Korstange. They explained the process in which funds are collected, processed, and set aside in a SAD. They also answered questions and assured the committee that they would have accurate financial information moving forward. The committee was confident in their financial outlook after the meeting

FLOATING DEBRIS RELOCATION

During the fall of 2023, Larry's Tree Service was contracted to their barge to relocate several large floating trees and logs that the spring rains washed into the navigable waterway. These objects were successfully removed from the channel and securely laid at the edge of the river to provide bank stabilization in designated areas. Moving these objects has made for a much safer environment as these objects would frequently drift with the wind, many floating even with the water's surface, making them hard to spot in certain conditions. In the first part of 2024, the committee intends to create a multi-year plan.

The committee appreciates the boards continued support of their efforts to improve and protect the quality of the Thornapple River.

APPENDIX

Pages 7-8 2023 Water Quality Report: Test Site #1

Pages 9- 10 2023 Water Quality Report: Test Site #2

Page 11 2023 Bacteria Sampling Report

Pages 12-13 2023 Overall Water Quality Measurements

2023 WATER QUALITY REPORT: TEST SITE #1

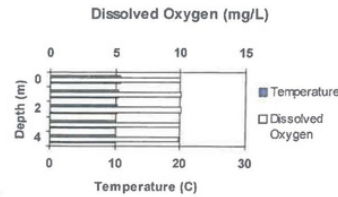


2023093

Customer	Waterbody	Sample Information
Thornapple River Cascade	Thornapple River Cascade	Date: 4/20/2023
		Site: #1

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	10.7	10.0	90
1	10.4	10.0	90
2	10.2	10.0	89
3	10.1	10.0	89
4	10.0	9.9	88



Secchi Disk Depth	0.8 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	331	uS/cm	
Total Dissolved Solids	297	mg/L	Moderate concentration of dissolved salts
pH	8.3	S.U.	Water is slightly alkaline
Alkalinity	234	mg CaCO3/L	Water is very hard
Total Phosphorus	7	ug/L	Slightly phosphorus enriched
Nitrates	1490	ug/L	Nitrogen enriched
Chlorophyll		N/A	

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	64	hypereutrophic
Based on Total Phosphorus	28	oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is adequate for good fish production.
- pH is within acceptable limits.
- Sample is nitrogen enriched. Consider nutrient abatement measures.
- Repeat LakeCheck in Fall.

- WARNING, condition requires immediate attention.
- CAUTION, condition requires further evaluation.
- OK, condition within acceptable limits.
- NEUTRAL, condition neither good nor bad.

2023 WATER QUALITY REPORT: TEST SITE #1

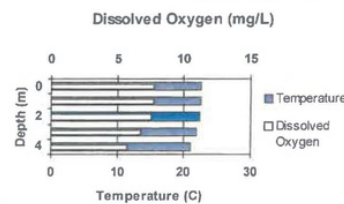


2023094

Customer	Waterbody	Sample Information
Thornapple River Cascade	Thornapple River Cascade	Date: 9/5/2023 Site: #1

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	22.6	7.7	90
1	22.6	7.7	90
2	22.4	7.5	87
3	21.9	6.8	77
4	21.0	5.7	64



Secchi Disk Depth	1.0 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	528	uS/cm	
Total Dissolved Solids	344	mg/L	Moderate concentration of dissolved salts
pH	8.6	S.U.	Water is slightly alkaline
Alkalinity	251	mg CaCO ₃ /L	Water is extremely hard
Total Phosphorus	9	ug/L	Slightly phosphorus enriched
Nitrates	1520	ug/L	Nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	60	eutrophic
Based on Total Phosphorus	31	meso-oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is adequate for good fish production.
- pH is within acceptable limits.
- Sample is nitrogen enriched. Consider nutrient abatement measures.
- REPEAT LakeCheck NEXT YEAR!

- WARNING. condition requires immediate attention.
- CAUTION. condition requires further evaluation.
- OK. condition within acceptable limits.
- NEUTRAL. condition neither good nor bad.

2023 WATER QUALITY REPORT: TEST SITE #2



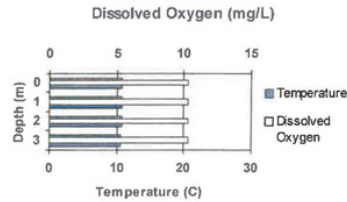
Water Quality Monitoring Report

2023095

Customer	Waterbody	Sample Information
Thornapple River Cascade	Thornapple River Cascade	Date: 4/20/2023
		Site: #2

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	10.7	10.3	93
1	10.7	10.3	93
2	10.7	10.3	93
3	10.5	10.3	93



Secchi Disk Depth	0.8 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	535	uS/cm	
Total Dissolved Solids	300	mg/L	Moderate concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	241	mg CaCO3/L	Water is very hard
Total Phosphorus	7	ug/L	Slightly phosphorus enriched
Nitrates	1500	ug/L	Nitrogen enriched
Chlorophyll		N/A	

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	64	hypereutrophic
Based on Total Phosphorus	28	oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is adequate for good fish production.
- pH is within acceptable limits.
- Sample is nitrogen enriched. Consider nutrient abatement measures.
- Repeat LakeCheck in Fall.

- WARNING. condition requires immediate attention.
- CAUTION. condition requires further evaluation.
- OK. condition within acceptable limits.
- NEUTRAL. condition neither good nor bad.

2023 WATER QUALITY REPORT: TEST SITE #2

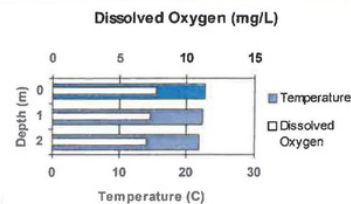


2023096

Customer	Waterbody	Sample Information
Thornapple River Cascade	Thornapple River Cascade	Date: 9/5/2023
		Site: #2

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	22.7	7.8	90
1	22.4	7.3	84
2	21.9	7.0	80



Secchi Disk Depth	1.0 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	535	uS/cm	
Total Dissolved Solids	344	mg/L	Moderate concentration of dissolved salts
pH	8.5	S.U.	Water is slightly alkaline
Alkalinity	257	mg CaCO ₃ /L	Water is extremely hard
Total Phosphorus	13	ug/L	Moderately phosphorus enriched
Nitrates	1540	ug/L	Nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	60	eutrophic
Based on Total Phosphorus	37	meso-oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is adequate for good fish production.
- pH is within acceptable limits.
- Sample is somewhat nutrient (N and P) enriched. Adopt appropriate lakeshore landscaping and lawn care practices.
- REPEAT LakeCheck NEXT YEAR!

- WARNING. condition requires immediate attention.
- CAUTION. condition requires further evaluation.
- OK. condition within acceptable limits.
- NEUTRAL. condition neither good nor bad.

2023 BACTERIA SAMPLING REPORT



Bacteria Sampling Report

Waterbody: Thornapple River Cascade
Thornapple River Cascade

Date Sampled:
7/19/2023

Location	<i>E. coli</i>	Total Coliforms	Interpretation
1	28		● Water meets bacteriological standards for safe swimming.
2	88		● Water meets bacteriological standards for safe swimming.
3	56		● Water meets bacteriological standards for safe swimming.

Bacterial counts are expressed as the number of Colony Forming Units per 100 milliliters (CFU/100mL).

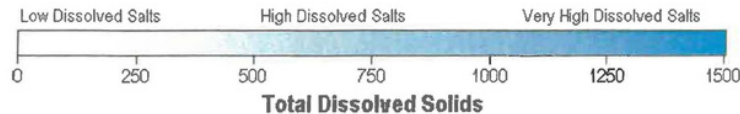
For full body contact recreation (including swimming) counts of *E. coli* should not exceed 130 (CFU/100mL) as a monthly geometric mean of at least five samples per the State of Michigan standard, or single samples should not exceed 298 (CFU/100mL) [235 CFU/100mL in a designated bathing beach area] per Federal (EPA) guidelines.

Current recreational water quality standards do not rely on Total Coliform counts.

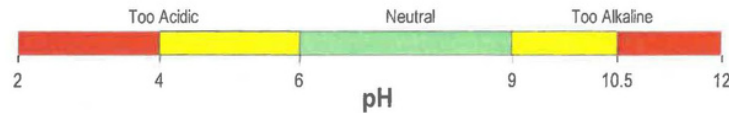
2023 OVERALL WATER QUALITY MEASUREMENTS



Conductivity and Total Dissolved Solids (TDS) measure the total amount of material dissolved in the water. Higher values indicate potentially richer, more productive water, whereas lower values indicate potentially cleaner, less productive water. Localized increases in conductivity and TDS may indicate inputs of groundwater or other nutrient-enriched water. [Note: Human activities that result in nutrient pollution (e.g., fertilizer runoff) can increase the productivity of algae and other organisms without raising conductivity/total dissolved solids very much. If nutrient pollution is occurring, the total phosphorus concentration is a much better indicator of potential productivity.]



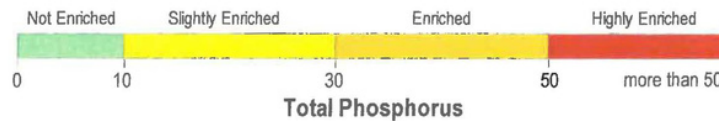
pH describes the balance between acids and bases in the water. Neutral values of pH (between 6 and 9) are desirable. Low pH values typically result either from the growth of bog vegetation (such as peat moss), acid precipitation ("acid rain"), or acid runoff (as in acid mine drainage). Excessive growth of certain plants and algae can raise pH values above 9.0 or 10.0.



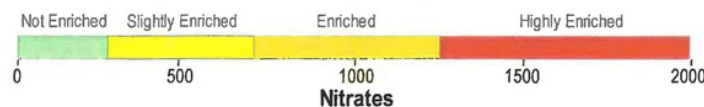
Alkalinity measures the concentration of carbonates and bicarbonates in the water. These compounds and other ions associated with them make water "hard". High alkalinity lakes are hardwater lakes, while low alkalinity lakes are softwater lakes. Different kinds of plants, algae, and other aquatic organisms live in hardwater than in softwater. Alkalinity also influences the effectiveness of some herbicides and algicides. Alkalinity is a basic characteristic of water, but is neither inherently good nor bad.



Total Phosphorus measures the total (organic and inorganic, dissolved and particulate) amount of phosphorus in the water. Phosphorus is usually the plant nutrient (i.e., fertilizer) that controls the amount of algal growth in lakes and ponds. Most Midwestern lakes have more phosphorus and more algae than is desirable, so lower values are generally better, though very unproductive water bodies typically support little fish production.

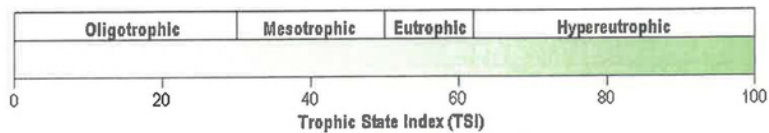


Nitrate measures the total inorganic amount of nitrogen in the water. Nitrogen is the plant nutrient (i.e., fertilizer) most likely to control the amount of rooted plant growth in lakes and ponds. Most Midwestern lakes have more nitrogen and more rooted plant growth than is desirable, so lower values are generally considered better.

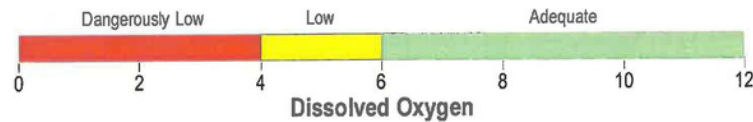


2023 OVERALL WATER QUALITY MEASUREMENTS

Trophic State Indices calculate the trophic status of the waterbody. Waterbodies are classified as oligotrophic, mesotrophic, eutrophic or hypereutrophic depending on the overall amount of plants, algae and other organisms the waterbody supports. Lakes of different trophic states vary in a number of chemical characteristics and support different types of organisms (see the enclosure “Lake Trophic States and Eutrophication”). Thus the trophic state of a waterbody provides a wealth of information concerning the types of organisms living in the waterbody, the processes likely to occur there and the kinds of problems to be expected. Trophic State Index values can be calculated from a number of variables. LakeScan calculates Carlson’s Trophic State Index (TSI) from total phosphorus, Secchi disk depth and chlorophyll (separate TSI values are calculated for each of the variables that was measured as part of your LakeCheck package).

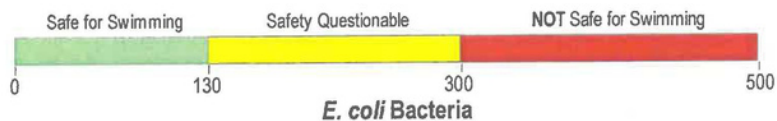


Dissolved Oxygen is a measure of the amount of oxygen dissolved in the water. Oxygen is needed by fish and other aquatic organisms to allow them to “breathe” underwater. Plants and algae produce oxygen by photosynthesizing during the day and use oxygen for respiration at night.



Temperature provides information about the kinds of fish that can grow in a lake, information necessary for interpretation of other parameters, and information about the extent to which a lake is stratified into layers having water of different temperatures. If the lake is stratified, the **thermocline depth** tells how deep the surface layer of warm water is.

Fecal Indicator Bacteria (*E. coli*) measurements count the number of live fecal indicator bacteria in the sample. These bacteria are considered reliable indicators of fecal contamination—when they are found in a pond or lake, it is very likely that the water is being contaminated by animal feces. Contamination can potentially be derived from a number of sources, including failed septic systems, agricultural runoff, or waterfowl or wildlife droppings.



- *E. coli* counts of 300 (CFU/100 mL) and above in a single sample are considered to represent conditions that are UNSAFE for swimming and other body contact recreation.
- *E. coli* counts of 130 (CFU/100 mL) and above averaged (using a geometric mean) over measurements made during a 30-day period are considered to represent conditions that are UNSAFE for swimming and other body contact recreation. When values of 130 (CFU/100 mL) or higher but less than 300 are encountered, LakeCheck rates the safety of the water for swimming as questionable.
- *E. coli* counts below 130 are considered safe for swimming and other body-contact recreation

We recommend prompt retesting whenever Fecal Indicator Bacteria counts exceed 100 (CFU/100 mL) to determine whether contamination is an ongoing problem. If frequent contamination is detected, steps to identify and eliminate the source of contamination are highly recommended.

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 101 GENERAL FUND							
Dept 101 TOWNSHIP BOARD							
101-101-860-000	TOWNSHIP BOARD MILEAGE	SLATER, SUE	REIMBURSE 19 MILES & MONTHLY PHONE	REIMBURSEMENT	04/11/24	12.73	
101-101-924-100	TOWNSHIP BOARD CELL PHONES	SLATER, SUE	REIMBURSE 19 MILES & MONTHLY PHONE	REIMBURSEMENT	04/11/24	50.00	
101-101-981-000	INSTALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	480.00	
						480.00	
Total For Dept 101 TOWNSHIP BOARD						542.73	
Dept 225 ADMINISTRATIVE							
101-225-724-000	EDUCATION - MAMC JEN. J	MI ASSOC OF MUNICIPAL	REGISTRATION MAMC CONFERENCE & PRE	REGISTRATION MAMC	04/11/24	700.00	
101-225-727-000	OFFICE SUPPLIES	CASCADE PRINTING & GRA	5,000 ENVELOPES	64507	04/11/24	577.44	
101-225-794-700	PLANTS/PLANT MAINTENANCE	EASTERN FLORAL & GIFTS	PLANT MAINTENANCE - MONTHLY SERVICE	5415	04/11/24	110.00	
101-225-826-000	LEGAL FEES	FOSTER, SWIFT, COLLINS	MATTER # 87192-00001/PROF. SERVICES	881170	04/11/24	8,930.00	
101-225-826-000	LEGAL FEES	FOSTER, SWIFT, COLLINS	MATTER # 87192-00015 / PROF. SERVICE	881171	04/11/24	6,862.00	
101-225-826-000	LEGAL FEES	FOSTER, SWIFT, COLLINS	MATTER # 87192-00019 / PROFESSIONAL	881172	04/11/24	1,905.33	
101-225-826-000	LEGAL FEES	FOSTER, SWIFT, COLLINS	RE: CASCADE LODGING (MTT 23- 002092	881174	04/11/24	658.00	
101-225-826-000	LEGAL FEES	FOSTER, SWIFT, COLLINS	RE: TOWN CENTER INN & SUITES (MTT 2	881175	04/11/24	188.00	
101-225-826-000	LEGAL FEES	FOSTER, SWIFT, COLLINS	RE: TOWN CENTER HOTEL SUITES (MTT 2	881176	04/11/24	117.50	
101-225-860-000	ADMINISTRATIVE MILEAGE - (SOURINE, OXANA	REIMBURSE 142 MILES - OXANA SOURINE	JAN/FEB- MILEAGE	04/11/24	95.14	
101-225-881-000	INDEPENDENCE DAY FESTIVIT	FUNNY BUSINESS AGENCY	ON-SITE EVENT MGT, MECHANICAL RIDES	102952	04/11/24	17,612.50	
101-225-885-000	SPRING 2024 NEWSLETTER	KENT COMMUNICATIONS, I	SPRING NEWSLETTER & MAILING	333549	04/11/24	6,311.66	
101-225-900-000	PRINTING/PUBLISHING	MLIVE MEDIA GROUP	ADS/ AFFIDAVITS	1199204	04/11/24	891.60	
101-225-964-100	PROPERTY TAX REFUNDS	CASCADE CHARTER TOWNSH	FY2022 TAXES REFUNDED PER 2023 DECE	CCT32624	04/11/24	1,718.82	
101-225-981-000	INSTALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	1,920.00	
						1,920.00	
Total For Dept 225 ADMINISTRATIVE						48,597.99	
Dept 257 ASSESSING							
101-257-724-000	EDUCATION - KCAA0- IAAO 10	KENT COUNTY ASSOC. OF	REGISTRATION FOR IAAO 101 - FUNDAME	IAAO 101	04/11/24	500.00	
101-257-724-000	EDUCATION	MID-MICHIGAN ASSOC OF	MMAAO REGISTRATION: UNDERNEATH ALL	REGISTRATION	04/11/24	30.00	
101-257-981-000	INSALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	960.00	
						960.00	
Total For Dept 257 ASSESSING						1,490.00	
Dept 265 BUILDING AND GROUNDS							
101-265-802-200	JANITORIAL & MAINTENANCE	HOPE NETWORK	TOWNSHIP OFFICES - JANITORIAL SERVI	100021337	04/11/24	914.55	
101-265-802-200	JANITORIAL & MAINTENANCE	KINGSLAND'S ACE	HARDW SHOP SUPPLIES	220308	04/11/24	16.18	
101-265-802-200	JANITORIAL & MAINTENANCE	KINGSLAND'S ACE	HARDW CLEANING SUPPLIES	220321	04/11/24	11.86	
101-265-863-000	VEHICLE MAINT	HOEKSTRA COMPANIES, LL	6 FUEL FILTERS	24649.001	04/11/24	60.96	
101-265-863-000	VEHICLE MAINT	HOEKSTRA COMPANIES, LL	2 HYD TRACTOR FLUIDS (5 GAL)	24770	04/11/24	258.68	
101-265-863-000	VEHICLE MAINT	KINGSLAND'S ACE	HARDW TRUCK MAINTENANCE	220388	04/11/24	9.89	
101-265-864-000	FUEL	WEX BANK	ACCT# 0462-00-394745-4 / FUEL PURCH	96119435	04/11/24	943.63	
101-265-921-000	100012052419 6569 THOF	CONSUMERS ENERGY	CONSUMER ENERGY BILLS FOR MONTH OF	MARCH 2024	04/11/24	59.28	
101-265-923-000	COMPLEX HEATING- 5920 TAH	C DTE ENERGY	DTE SERVICE FEB. 24 - MARCH 25, 20	VARIOUS	04/11/24	650.31	
101-265-931-000	COMPLEX MAINTENANCE	ASTRO WOOD STAKE INC	10 QTY - 48" 1X1 25/BUNDLE WOOD SNO	65732	04/11/24	50.00	
101-265-931-000	COMPLEX MAINTENANCE	B&V MECHANICAL INC.	MARCH FACILITIES PLANNED MAINTENANC	100561	04/11/24	753.75	
101-265-931-000	COMPLEX MAINTENANCE	SUPERIOR PEST CONTROL	REGULAR PEST SERVICE @ B&G BURTON	71166	04/11/24	60.00	
101-265-931-000	COMPLEX MAINTENANCE	SUPERIOR PEST CONTROL	REGULAR PEST SERVICE - MAIN TWP OFF	71166	04/11/24	50.00	
101-265-931-000	COMPLEX MAINTENANCE	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - LATE FEE	LATE FEE	04/11/24	20.00	
101-265-939-000	PERFORMED PREVENTATIVE MAI	B&V MECHANICAL INC.	PREFORMED PREVENTATIVE MAINTENANCE	100052	04/11/24	1,155.00	
101-265-939-000	GOOSE HARRASSMENT AND ROUN	GOOSE CONTROL OF WEST	NUISANCE GEESE MANAGEMENT	240401	04/11/24	400.00	
101-265-981-500	TOOLS/ SMALL EQUIPMENT MAI	KINGSLAND'S ACE	HARDW EQUIP MAINT	220346	04/11/24	228.91	
101-265-981-500	TOOLS/ SMALL EQUIPMENT MAI	KINGSLAND'S ACE	HARDW EQUIPMENT MAINT.	220357	04/11/24	62.08	
101-265-981-500	TOOLS/ SMALL EQUIPMENT MAI	KINGSLAND'S ACE	HARDW DRILL BIT	220366	04/11/24	2.33	
101-265-981-500	TOOLS/ SMALL EQUIPMENT MAI	KINGSLAND'S ACE	HARDW EQUIP MAINTENANCE	220428	04/11/24	135.59	
						135.59	
Total For Dept 265 BUILDING AND GROUNDS						5,843.00	

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Fund 101 GENERAL FUND							
Dept 276 CEMETERY							
101-276-921-000	100012548051	5601 WHITN CONSUMERS ENERGY	CONSUMER ENERGRY BILLS FOR MONTH OF MARCH 2024		04/11/24	122.07	
						122.07	
Total For Dept 276 CEMETERY							
Dept 448 STREET LIGHTS							
101-448-926-000	100011965082	2870 JACF CONSUMERS ENERGY	CONSUMER ENERGRY BILLS FOR MONTH OF MARCH 2024		04/11/24	82.31	
						82.31	
Total For Dept 448 STREET LIGHTS							
Dept 701 PLANNING							
101-701-900-000	PRINTING & PUBLISHING	MLIVE MEDIA GROUP	ADS/ AFFIDAVITS	1199204	04/11/24	356.00	
101-701-900-000	PRINTING & PUBLISHING	MLIVE MEDIA GROUP	ADS/ AFFIDAVITS	1281395	04/11/24	535.83	
101-701-981-000	INSTALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	1,440.00	
						2,331.83	
Total For Dept 701 PLANNING							
Dept 756 PARKS							
101-756-921-000	100012592265	2900 THORNZ CONSUMERS ENERGY	CONSUMER ENERGRY BILLS FOR MONTH OF MARCH 2024		04/11/24	297.14	
101-756-935-000	PARK MAINTENANCE	GODWIN HARDWARE & PLUM	CHICAGO FAUCET CARTRIDGE - REC PARK	TR:550536	04/11/24	58.74	
101-756-935-000	PARK MAINTENANCE	PREIN & NEWHOF	DRINKING WATER SAMPLE- MENS RESTROOM	113732	04/11/24	20.00	
101-756-981-000	INSTALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	480.00	
						855.88	
Total For Dept 756 PARKS							
Dept 803 HISTORICAL							
101-803-921-000	100012592398	2839 THORNZ CONSUMERS ENERGY	CONSUMER ENERGRY BILLS FOR MONTH OF MARCH 2024		04/11/24	55.26	
101-803-923-000	MUSEUM HEATING DTE ENERGY	DTE ENERGY	DTE SERVICE FEB. 24 - MARCH 25, 20	VARIOUS	04/11/24	122.72	
101-803-961-000	MUSEUM MAINTENANCE	KINGSLAND'S ACE HARDW	PAINT FOR FLOWER BOX	220351	04/11/24	33.28	
101-803-961-000	MUSEUM MAINTENANCE	SUPERIOR PEST CONTROL	REGULAR PEST SERVICE - MUSEUM	71162	04/11/24	55.00	
101-803-961-000	MUSEUM MAINTENANCE	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - MAINTENA	9013895	04/11/24	80.94	
						347.20	
Total For Dept 803 HISTORICAL							
Dept 966 TRANSFERS OUT							
101-966-995-006	TRANSFER TO FIRE FUND	CASCADE CHARTER TOWNSH	FIRE ALLOCATION - APRIL 2024	APRIL 2024	04/11/24	33,333.33	
						33,333.33	
Total For Dept 966 TRANSFERS OUT							
Dept 990 DEBT SERVICE							
101-990-991-008	FIRE ST. #1 BOND PRINCIPAI	HUNTINGTON NATIONAL BA	TRUST # 3584299000 - BOND PAYMENT &	CASCDCCTCI22	04/11/24	200,000.00	
101-990-994-001	BOND INTEREST & FEES (#1,2	HUNTINGTON NATIONAL BA	TRUST # 3584299000 - BOND PAYMENT &	CASCDCCTCI22	04/11/24	110,600.00	
						310,600.00	
Total For Dept 990 DEBT SERVICE							
						404,146.34	
Total For Fund 101 GENERAL FUND							
Fund 206 FIRE FUND							
Dept 336 FIRE DEPARTMENT							
206-336-723-000	FIRE MEMBERSHIP AND DUES	JOEL BAKER	REIMBURSE FOR EMT LICENSE RENEWAL -	REIMBURSEMENT	04/11/24	25.00	
206-336-726-000	FIRE TRAINING	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - FIRE TRA	423360	04/11/24	39.46	
206-336-726-000	FIRE TRAINING	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - FIRE TRA	8012052	04/11/24	161.19	
206-336-727-000	FIRE OFFICE SUPPLIES	STAPLES	OFFICE SUPPLIES - FIRE STATION	6000593855	04/11/24	38.48	
206-336-727-000	FIRE OFFICE SUPPLIES	STAPLES	DIGITAL TIMER & PORTABLE MAGNIFIER	6000603173	04/11/24	34.42	
206-336-727-000	FIRE OFFICE SUPPLIES	STAPLES	HOLD STATION KEYS	6000619420	04/11/24	26.64	
206-336-727-000	FIRE OFFICE SUPPLIES	STAPLES	(2) BINDERS	6000619424	04/11/24	53.50	
206-336-738-000	FIRE MAINT SUPPLIES	KINGSLAND'S ACE HARDW	GROUNDS & LANDSCAPE MAINTENANCE	220459	04/11/24	235.97	
206-336-745-000	FIRE FUELS	WEX BANK	ACCT# 0462-00-394745-4 / FUEL PURCH.	96119435	04/11/24	1,915.86	
206-336-752-000	SUPPLIES	KINGSLAND'S ACE HARDW	TARP FOR E-2 STOCK	220280	04/11/24	20.69	
206-336-752-000	SUPPLIES	KINGSLAND'S ACE HARDW	BRUSH SCRAPER	220286	04/11/24	8.99	
206-336-752-000	SUPPLIES	KINGSLAND'S ACE HARDW	ROUND MAGNET, CONSTRUCTION LINE REE	220302	04/11/24	19.42	
206-336-752-206	KITCHEN SUPPLIES	DETTWILER, JOSHUA	REIMBURSE EASTER MEAL - J. DETTWILE	REIMBURSEMENT	04/11/24	40.35	

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Fund 206 FIRE FUND							
Dept 336 FIRE DEPARTMENT							
206-336-768-000	FIRE UNIFORMS	SHELDON CLEANERS	ACCT # SB2862 / DRY CLEANING	MARCH 2024	04/11/24	129.03	
206-336-787-959	FIRE PROTECTIVE CLOTHING	KINGSLAND'S ACE	HARDW PPE MAINTENANCE	220422	04/11/24	6.41	
206-336-787-959	TURNOUT BOOTS	KLEYN MOBILE REPAIR, L	TURNOUT GEAR BOOTS	ST-142273	04/11/24	1,073.00	
206-336-850-000	COMMUNICATIONS- PHONES	COMCAST	ACCT # 8529 11 273 0047816 - SERVIC	APRIL 2024	04/11/24	90.42	
206-336-850-000	COMMUNICATIONS- PHONES	COMCAST	ACCT # 8529 11 273 0083548 - FIRE S'	APRIL XFINITY	04/11/24	95.18	
206-336-850-000	COMMUNICATIONS- FS #2	COMCAST	ACCT # 8529 11 273 0015086 - COMCAS'	BUTTRICK FS# 2	04/11/24	203.80	
206-336-863-000	VEHICLE MAINT	CASCADE AUTOMOTIVE SER	OIL & FILTER CHANGE - 2018 CHEVROLE'	69970	04/11/24	150.71	
206-336-863-000	VEHICLE MAINT	CASCADE AUTOMOTIVE SER	PARTS AND LABOR 2015 CHEVY	70042	04/11/24	430.72	
206-336-863-000	VEHICLE MAINT	CASCADE AUTOMOTIVE SER	PARTS & LABOR 2018 CHEVY	70049	04/11/24	337.25	
206-336-863-000	VEHICLE MAINT	KINGSLAND'S ACE	HARDW MEDIC 1 WIRING REPAIR EMERGENCY LIG	220283	04/11/24	39.74	
206-336-863-000	VEHICLE MAINT	KINGSLAND'S ACE	HARDW MEDIC 1 EMERGENCY LIGHT REPAIR	220299	04/11/24	4.66	
206-336-863-000	E2 BATTERIES	KLEYN MOBILE REPAIR, L	E2 BATTERIES	46240	04/11/24	1,173.36	
206-336-928-000	100012762959	2990 BU CONSUMERS ENERGY	CONSUMER ENERGRY BILLS FOR MONTH OF	MARCH 2024	04/11/24	633.47	
206-336-928-000	9100 206 5243 4 - FIRE ST	DTE ENERGY	DTE SERVICE FEB. 24 - MARCH 25, 20	VARIOUS	04/11/24	1,230.11	
206-336-936-000	FIRE STATION MAINT	KINGSLAND'S ACE	HARDW FIRE STATION MAINTENANCE	220387	04/11/24	8.09	
206-336-936-000	FIRE STATION MAINT	KINGSLAND'S ACE	HARDW 50PK BLK SCREWS	220408	04/11/24	7.73	
206-336-936-000	FIRE STATION MAINT	SUPERIOR PEST CONTROL	REGULAR PEST SERVICE @ FIRE STATION	71168	04/11/24	60.00	
206-336-936-002	FIRE STATION MAINT/BUTTRIC	KINGSLAND'S ACE	HARDW STATION 2 CLEANING SUPPLIES	220416	04/11/24	21.08	
206-336-936-002	FIRE STATION MAINT/BUTTRIC	SUPERIOR PEST CONTROL	REGULAR PEST SERVICE @ BUTTRICK FIR	71175	04/11/24	60.00	
206-336-936-002	FIRE STATION MAINT/BUTTRIC	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - STATION	4011268	04/11/24	304.72	
206-336-936-002	FIRE STATION MAINT/BUTTRIC	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - LATE FEE	LATE FEE	04/11/24	20.00	
206-336-939-000	FIRE COPIER/LEASE/SERVICE	KONICA MINOLTA BUSINES	BIZHUB C4501 45PPM COLOR COPIER/PRI	292766233	04/11/24	99.00	
206-336-964-100	PROPERTY TAX REFUNDS	CASCADE CHARTER TOWNSH	FY2022 TAXES REFUNDED PER 2023 DECE	CCT32624	04/11/24	1,844.47	
206-336-981-000	INSTALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	1,440.00	
Total For Dept 336 FIRE DEPARTMENT						12,082.92	
Total For Fund 206 FIRE FUND						12,082.92	
Fund 207 POLICE FUND							
Dept 301 POLICE DEPARTMENT							
207-301-801-000	TOWNSHIP LAW- EAST PRECINC	COUNTY OF KENT	TOWNSHIP LAW-EAST PRECINCT - FEBRUA	24031900869	04/11/24	67,430.23	
207-301-964-100	PROPERTY TAX REFUNDS	CASCADE CHARTER TOWNSH	FY2022 TAXES REFUNDED PER 2023 DECE	CCT32624	04/11/24	643.61	
Total For Dept 301 POLICE DEPARTMENT						68,073.84	
Total For Fund 207 POLICE FUND						68,073.84	
Fund 208 OPEN SPACE FUND							
Dept 751 OPEN SPACE PRESERVATION							
208-751-921-000	100061096465	6803 BU CONSUMERS ENERGY	CONSUMER ENERGRY BILLS FOR MONTH OF	MARCH 2024	04/11/24	276.95	
208-751-923-000	9200 244 5760 7 - 2894 TRI	DTE ENERGY	DTE SERVICE FEB. 24 - MARCH 25, 20	VARIOUS	04/11/24	395.86	
208-751-964-100	PROPERTY TAX REFUNDS	CASCADE CHARTER TOWNSH	FY2022 TAXES REFUNDED PER 2023 DECE	CCT32624	04/11/24	322.44	
Total For Dept 751 OPEN SPACE PRESERVATION						995.25	
Dept 990 DEBT SERVICE							
208-990-991-201	BOND PRINCIPAL REFINANCE	CHASE BANK	CUSTOMER # 452008288001- COMMERCIAL	0000001407	04/11/24	297,000.00	
208-990-993-201	BOND INTEREST REFINANCE	CHASE BANK	CUSTOMER # 452008288001- COMMERCIAL	0000001407	04/11/24	14,986.50	
Total For Dept 990 DEBT SERVICE						311,986.50	
Total For Fund 208 OPEN SPACE FUND						312,981.75	
Fund 216 PATHWAYS FUND							
Dept 758 PATHWAYS							
216-758-728-000	OPERATING SUPPLIES	ASTRO WOOD STAKE INC	10 QTY - 48" 1X1 25/BUNDLE WOOD SNO	65732	04/11/24	100.00	
216-758-931-200	PATHWAY MAINTENANCE	ARCHADECK	BUTTRICK/ 28TH ST. PEDESTRIAN BRIDG	DOWN PAYMENT	04/02/24	17,653.20	77628

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Fund 216 PATHWAYS FUND							
Dept 758 PATHWAYS							
216-758-931-200	PATHWAY MAINTENANCE	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - MAINTENANCE	9013895	04/11/24	223.12	
216-758-931-200	FINANCE CHARGE CREDIT	THE HOME DEPOT CREDIT	ACCT 6035 3221 5394 3356 - FINANCE CHARGE CREDIT	FIN CHARGE CREDIT	04/11/24	(64.01)	
216-758-964-100	PROPERTY TAX REFUNDS	CASCADE CHARTER TOWNSHIP	FY2022 TAXES REFUNDED PER 2023 DECISION	CCT32624	04/11/24	492.84	
Total For Dept 758 PATHWAYS						18,405.15	
Total For Fund 216 PATHWAYS FUND						18,405.15	
Fund 218 HAZMAT FUND							
Dept 344 HAZMAT							
218-344-726-000	HAZMAT SUPPLIES	CITY OF KENTWOOD	REIMBURSE KENTWOOD FIRE DEPT. FOR HAZMAT	REIMBURSEMENT	04/11/24	209.34	
Total For Dept 344 HAZMAT						209.34	
Total For Fund 218 HAZMAT FUND						209.34	
Fund 246 IRF							
Dept 225 ADMINISTRATIVE							
246-225-967-100	COOLERS & WATER - MARCH 2024	CULLIGAN	COOLERS & WATER - MARCH 2024	#1399693	04/11/24	2,470.50	
Total For Dept 225 ADMINISTRATIVE						2,470.50	
Total For Fund 246 IRF						2,470.50	
Fund 248 DDA							
Dept 190 DDA OPERATIONS/CONSTRUCTION							
248-190-921-000	100011901541	6800 CASC CONSUMERS ENERGY	CONSUMER ENERGY BILLS FOR MONTH OF MARCH 2024		04/11/24	1,026.25	
Total For Dept 190 DDA OPERATIONS/CONSTRUCTION						1,026.25	
Total For Fund 248 DDA						1,026.25	
Fund 249 BUILDING FUND							
Dept 371 BUILDING DEPARTMENT							
249-371-860-000	MILEAGE - BENOIT	BENOIT, BILL	REIMBURSE 366 MILES - B. BENOIT	MARCH MILEAGE	04/11/24	245.22	
249-371-860-000	MILEAGE WILSON	BRIAN WILSON	REIMBURSE 100 MILES - B. WILSON	MARCH MILEAGE	04/11/24	67.00	
249-371-860-000	MILEAGE - CRAIG SMITH	CRAIG SMITH	REIMBURSE 466 MILES - C. SMITH	MARCH MILEAGE	04/11/24	312.22	
249-371-860-000	MILEAGE - DOUG WEEKS	DOUGLAS WEEKS	REIMBURSE 41 MILES - D. WEEKS	MARCH MILEAGE	04/11/24	27.47	
249-371-860-000	MILEAGE- HUYSER	HUYSER, DANIEL A.	REIMBURSE 435 MILES - D. HUYSER	MARCH MILEAGE	04/11/24	291.45	
249-371-860-000	MILEAGE - J. VANTIL	JEFFREY C. VANTIL	REIMBURSE 443 MILES - J. VANTIL	MARCH MILEAGE	04/11/24	296.81	
249-371-860-000	MILEAGE - JEREMY REISTER	JEREMY REISTER	REIMBURSE 327 MILES - J. REISTER	MARCH MILEAGE	04/11/24	219.09	
249-371-860-000	MILEAGE - M. BONNEY	MICHAEL BONNEY	REIMBURSE 300 MILES - M. BONNEY	MARCH MILEAGE	04/11/24	201.00	
249-371-860-000	MILEAGE	PAUL WESTHOUSE	REIMBURSE 391 MILES - P. WESTHOUSE	MARCH MILEAGE	04/11/24	261.97	
249-371-860-000	MILEAGE - TODD PELL	PELL, TODD	REIMBURSE 41 MILES - T. PELL	MARCH MILEAGE	04/11/24	27.47	
249-371-860-000	MILEAGE - D. ROWLADER	ROWLADER, DENNIS	REIMBURSE 367 MILES - D. ROWLADER	MARCH MILEAGE	04/11/24	245.89	
249-371-860-000	MILEAGE - TOM HANSON	THOMAS HANSON	REIMBURSE 534 MILES - T. HANSON	MARCH MILEAGE	04/11/24	357.78	
249-371-860-000	MILEAGE MILITO-	VINCENT MILITO	REIMBURSE 532 MILES - V. MILITO	MARCH MILEAGE	04/11/24	356.44	
249-371-923-000	HEATING/UTILITY - BLDG DEPT	DTE ENERGY	DTE SERVICE FEB. 24 - MARCH 25, 2024	VARIOUS	04/11/24	320.30	
249-371-981-000	INSTALL	VC3, INC	2024 PC REPLACEMENTS- INSTALLATION	139004	04/11/24	1,440.00	
Total For Dept 371 BUILDING DEPARTMENT						4,670.11	
Dept 964 PAYMENTS TO OTHER TOWNSHIPS							
249-964-964-100	PERMITS DUE TO LOWELL TWP	LOWELL TOWNSHIP	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	8,628.80	
249-964-964-200	PERMITS DUE TO VERGENNES TWP	VERGENNES TOWNSHIP	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	1,237.00	
249-964-964-300	PERMITS DUE TO GR TWP	GRAND RAPIDS CHARTER TOWNSHIP	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	9,817.40	
249-964-964-400	PERMITS DUE TO ADA TWP	ADA TOWNSHIP	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	4,403.84	
249-964-964-500	PERMITS DUE TO EAST GR	EAST GRAND RAPIDS/CITY	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	2,893.60	
249-964-964-600	PERMITS DUE PLAINFIELD	PLAINFIELD CHARTER TOWNSHIP	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	13,179.00	

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Fund 249 BUILDING FUND							
Dept 964 PAYMENTS TO OTHER TOWNSHIPS							
249-964-964-800	PERMITS DUE CASCADE TWP	CASCADE CHARTER TOWNSH	PERMIT FEES - MARCH 2024	MARCH PERMITS	04/11/24	8,053.40	
						Total For Dept 964 PAYMENTS TO OTHER TOWNSHIPS	48,213.04
						Total For Fund 249 BUILDING FUND	52,883.15
Fund 271 LIBRARY FUND							
Dept 790 LIBRARY							
271-790-802-200	JANITORIAL & MAINTENANCE	HOPE NETWORK	LIBRARY JANITORIAL SERVICES - MARCH	100021336	04/11/24	3,988.66	
271-790-802-200	JANITORIAL & MAINTENANCE	HOPE NETWORK	LIBRARY - JANITORIAL SERVICES - JAN	100020724	04/11/24	4,125.20	
271-790-923-000	LIBRARY HEATING DTE ENERGY	DTE ENERGY	DTE SERVICE FEB. 24 - MARCH 25, 20	VARIOUS	04/11/24	1,025.38	
271-790-931-000	LIBRARY MAINTENANCE	ASTRO WOOD STAKE INC	10 QTY - 48" 1X1 25/BUNDLE WOOD SNO	65732	04/11/24	107.50	
271-790-931-000	LIBRARY MAINTENANCE	BUIST ELECTRIC INC	WISNER CENTER- TOUCH PANEL AT PODIU	197412	04/11/24	650.00	
271-790-931-000	LIBRARY MAINTENANCE	ELEVATOR SERVICE INC	WISNER CENTER - RE-PROGRAM ELEVATOR	131719	04/11/24	625.26	
271-790-931-000	LIBRARY MAINTENANCE	SUPERIOR PEST CONTROL	REGULAR PEST SERVICE @ LIBRARY	71159	04/11/24	70.00	
271-790-931-000	LIBRARY MAINTENANCE	THE LIGHT BULB COMPANY	25 48" 15W 5K T8 DE/SE~ #10554 120-	369311	04/11/24	237.00	
271-790-964-100	PROPERTY TAX REFUNDS	CASCADE CHARTER TOWNSH	FY2022 TAXES REFUNDED PER 2023 DECE	CCT32624	04/11/24	210.18	
						Total For Dept 790 LIBRARY	11,039.18
Dept 901 CAPITAL OUTLAY							
271-901-974-271	CONSTRUCTION OF PAVILION	VISSER BROTHERS, INC.	FRIENDSHIP PARK PAVILION CONSTRUCTI	PAYMENT #1	04/11/24	58,478.20	
						Total For Dept 901 CAPITAL OUTLAY	58,478.20
						Total For Fund 271 LIBRARY FUND	69,517.38

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Fund Totals:								
			Fund 101 GENERAL FUND			404,146.34		
			Fund 206 FIRE FUND			12,082.92		
			Fund 207 POLICE FUND			68,073.84		
			Fund 208 OPEN SPACE FUND			312,981.75		
			Fund 216 PATHWAYS FUND			18,405.15		
			Fund 218 HAZMAT FUND			209.34		
			Fund 246 IRF			2,470.50		
			Fund 248 DDA			1,026.25		
			Fund 249 BUILDING FUND			52,883.15		
			Fund 271 LIBRARY FUND			69,517.38		
Total For All Funds:							941,796.62	
--- TOTALS BY GL DISTRIBUTION ---								
	101-101-860-000		TOWNSHIP BOARD MILEAGE			12.73		
	101-101-924-100		TOWNSHIP BOARD CELL PHONES/DATA			50.00		
	101-101-981-000		INSTALL			480.00		
	101-225-724-000		EDUCATION - MAMC JEN. J			700.00		
	101-225-727-000		OFFICE SUPPLIES			577.44		
	101-225-794-700		PLANTS/PLANT MAINTENANCE			110.00		
	101-225-826-000		LEGAL FEES			18,660.83		
	101-225-860-000		ADMINISTRATIVE MILEAGE - OS			95.14		
	101-225-881-000		INDEPENDENCE DAY FESTIVITIES- 50% DEP			17,612.50		
	101-225-885-000		SPRING 2024 NEWSLETTER			6,311.66		
	101-225-900-000		PRINTING/PUBLISHING			891.60		
	101-225-964-100		PROPERTY TAX REFUNDS			1,718.82		
	101-225-981-000		INSTALL			1,920.00		
	101-257-724-000		EDUCATION - KCAAO- IAAO 101			530.00		
	101-257-981-000		INSALL			960.00		
	101-265-802-200		JANITORIAL & MAINTENANCE			942.59		
	101-265-863-000		VEHICLE MAINT			329.53		
	101-265-864-000		FUEL			943.63		
	101-265-921-000		100012052419 6569 THORNBROOK ST S			59.28		
	101-265-923-000		COMPLEX HEATING- 5920 TAHOE DR SE			650.31		
	101-265-931-000		COMPLEX MAINTENANCE			933.75		
	101-265-939-000		PERFORMED PREVENTATIVE MAINTENANCE			1,555.00		
	101-265-981-500		TOOLS/ SMALL EQUIPMENT MAINTENANCE			428.91		
	101-276-921-000		100012548051 5601 WHITNEYVILLE AVE			122.07		
	101-448-926-000		100011965082 2870 JACK SMITH AVE			82.31		
	101-701-900-000		PRINTING & PUBLISHING			891.83		
	101-701-981-000		INSTALL			1,440.00		
	101-756-921-000		100012592265 2900 THORNAPPLE RIVER			297.14		
	101-756-935-000		PARK MAINTENANCE			78.74		
	101-756-981-000		INSTALL			480.00		
	101-803-921-000		100012592398 2839 THORNAPPLE RIVER			55.26		
	101-803-923-000		MUSEUM HEATING DTE ENERGY			122.72		
	101-803-961-000		MUSEUM MAINTENANCE			169.22		
	101-966-995-006		TRANSFER TO FIRE FUND			33,333.33		
	101-990-991-008		FIRE ST. #1 BOND PRINCIPAL PAYMENT			200,000.00		
	101-990-994-001		BOND INTEREST & FEES (#1,2&4)			110,600.00		
	206-336-723-000		FIRE MEMBERSHIP AND DUES			25.00		
	206-336-726-000		FIRE TRAINING			200.65		
	206-336-727-000		FIRE OFFICE SUPPLIES			153.04		
	206-336-738-000		FIRE MAINT SUPPLIES			235.97		
	206-336-745-000		FIRE FUELS			1,915.86		
	206-336-752-000		SUPPLIES			49.10		
	206-336-752-206		KITCHEN SUPPLIES			40.35		
	206-336-768-000		FIRE UNIFORMS			129.03		

INVOICE GL DISTRIBUTION REPORT FOR CASCADE CHARTER TOWNSHIP
 EXP CHECK RUN DATES 04/02/2024 - 04/11/2024
 BOTH JOURNALIZED AND UNJOURNALIZED
 BOTH OPEN AND PAID

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
		206-336-787-959	FIRE PROTECTIVE CLOTHING			1,079.41	
		206-336-850-000	COMMUNICATIONS- PHONES			389.40	
		206-336-863-000	VEHICLE MAINT			2,136.44	
		206-336-928-000	100012762959 2990 BUTTRICK AVE S			1,863.58	
		206-336-936-000	FIRE STATION MAINT			75.82	
		206-336-936-002	FIRE STATION MAINT/BUTTRICK			405.80	
		206-336-939-000	FIRE COPIER/LEASE/SERVICE			99.00	
		206-336-964-100	PROPERTY TAX REFUNDS			1,844.47	
		206-336-981-000	INSTALL			1,440.00	
		207-301-801-000	TOWNSHIP LAW- EAST PRECINCT - FEB. 20			67,430.23	
		207-301-964-100	PROPERTY TAX REFUNDS			643.61	
		208-751-921-000	100061096465 6803 BURTON ST SE			276.95	
		208-751-923-000	9200 244 5760 7 - 2894 TRD			395.86	
		208-751-964-100	PROPERTY TAX REFUNDS			322.44	
		208-990-991-201	BOND PRINCIPAL REFINANCE			297,000.00	
		208-990-993-201	BOND INTEREST REFINANCE			14,986.50	
		216-758-728-000	OPERATING SUPPLIES			100.00	
		216-758-931-200	PATHWAY MAINTENANCE			17,812.31	
		216-758-964-100	PROPERTY TAX REFUNDS			492.84	
		218-344-726-000	HAZMAT SUPPLIES			209.34	
		246-225-967-100	COOLERS & WATER - MARCH 2024			2,470.50	
		248-190-921-000	100011901541 6800 CASCADE RD SE			1,026.25	
		249-371-860-000	MILEAGE - BENOIT			2,909.81	
		249-371-923-000	HEATING/UTILITY - BLDG DEPT			320.30	
		249-371-981-000	INSTALL			1,440.00	
		249-964-964-100	PERMITS DUE TO LOWELL TWP			8,628.80	
		249-964-964-200	PERMITS DUE TO VERGENNES TWP			1,237.00	
		249-964-964-300	PERMITS DUE TO GR TWP			9,817.40	
		249-964-964-400	PERMITS DUE TO ADA TWP			4,403.84	
		249-964-964-500	PERMITS DUE TO EAST GR			2,893.60	
		249-964-964-600	PERMITS DUE PLAINFIELD			13,179.00	
		249-964-964-800	PERMITS DUE CASCADE TWP			8,053.40	
		271-790-802-200	JANITORIAL & MAINTENANCE			8,113.86	
		271-790-923-000	LIBRARY HEATING DTE ENERGY			1,025.38	
		271-790-931-000	LIBRARY MAINTENANCE			1,689.76	
		271-790-964-100	PROPERTY TAX REFUNDS			210.18	
		271-901-974-271	CONSTRUCTION OF PAVILION			58,478.20	



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION

MEETING DATE: April 10, 2024

ITEM: Fire Millage

PRESENTER: Jade Smith, Township Manager

INDIVIDUAL PRESENT: Adam Magers, Fire Chief
Lorna Nenciarini, Finance & Budget Director

EXECUTIVE SUMMARY: This packet was prepared as an outcome of the Board Work Session held on March 20, 2024. The 0.5724 mills that had been levied to support Fire Department operations expired in December of 2023. Based on a ten-year projection of departmental operations, a new 1.37 mill levy is proposed. Two versions of the millage language are submitted for consideration. One has a ten-year levy; the other is a twenty-year levy. The ten-year levy is the practical application of the concept of a nine-year levy discussed at the Work Session.

The ten-year projection of departmental operations anticipated an early (immediate) end of a 0.2242 mill levy that is valid through 2027. Corporation counsel has advised against including language that addresses any intent regarding this separate millage.

Adoption of the ten-year millage term would result in the new millage expiring at the same time as an existing 0.5013 millage. This would allow the 2034 Board and management to craft a single millage that would support all Fire operations into the future.

Adoption of a twenty-year term would allow for a “laddering” of millages; much in the same way that the current operations had mills that expire in 2023 and 2033, a new twenty-year levy would result in mills that expire in 2033 and 2043.

Adoption of either the ten- or twenty-year versions may be considered reasonable and prudent actions to support Fire operations.

Board adoption of one of the two attached Resolutions at either this April 10, 2024 meeting (preferred) or the April 24, 2024 meeting would allow for this question to be placed on the August ballot.

STRATEGIC PLANS/GOALS: Provide a stable revenue source for the delivery of core Township services.

ACTION REQUESTED: Adoption of ONE of the attached Resolutions. The ten-year levy would expire in December of 2033; the twenty-year levy would expire in December of 2043.

BUDGET IMPLICATIONS: This new levy is to replace the levy that expired at the end of 2023. Without a replacement levy, Fire Department operations would need to be severely curtailed. Residents would not receive the level of service that they have historically relied upon.

DIRECTOR'S RECOMMENDATION: Approval of one of the two Resolutions.

MANAGER'S RECOMMENDATION: Approval of one of the two Resolutions.

ACTION: Adopt one of the two Resolutions.

ATTACHMENTS: Millage Resolution: Ten-Year Term
Millage Resolution: Twenty-Year Term

FIRE PROTECTION AND EMERGENCY SERVICES MILLAGE RESOLUTION

At a regular meeting of the Township Board of Cascade Charter Township (“Township Board”), Kent County, Michigan, held at the Township Hall on April __, 2024, at _____ p.m.

PRESENT: _____

ABSENT: _____

The following Resolution was offered by _____ and seconded by _____.

WHEREAS, Cascade Charter Township (“Township”) desires to ask voters to authorize a new additional millage not exceed 1.37 mills (\$1.37 on each \$1,000 of taxable value), for ten (10) years, 2024 to 2033 inclusive, to provide funds for all fire protection and emergency services purposes permitted by law, including purchasing equipment, providing firefighter wages and benefits, and providing continuous, 24 hour fire protection and emergency medical response coverage at fire stations; and

WHEREAS, the Township has determined that the request for approval of the millage is in the best interests of the public health, safety, and welfare of the Township residents; and

WHEREAS, the Township has determined that it is the best interest of Township residents to request that such millage request be placed on the ballot at the August 6, 2024 election.

THEREFORE, be it resolved by the Township Board of Cascade Charter Township, Kent County, Michigan, as follows:

1. The Township Board has determined that a new additional millage in an amount not

to exceed 1.37 mills for ten (10) years, 2024 to 2033 inclusive, to provide funds for all fire protection and emergency services purposes permitted by law, including purchasing equipment, providing firefighter wages and benefits, and providing continuous, 24 hour fire protection and emergency medical response coverage at fire stations is in the best interest of the Township.

2. To that end, the Township Board approves the ballot language attached as Exhibit A and certifies that the proposition attached as Exhibit A shall be submitted to a vote of the qualified electors of the Township at an election to be held on Tuesday, August 6, 2024.

3. The Township Clerk is authorized and directed to promptly submit this Resolution and the ballot language attached as Exhibit A to the Kent County Clerk so that the attached millage proposal may be presented to voters at the August 6, 2024 election.

4. Any resolution inconsistent with this Resolution is hereby rescinded.

ADOPTED:

YEAS: _____

NAYS: _____

STATE OF MICHIGAN)
)
COUNTY OF KENT)

I, the undersigned, the duly qualified and acting Township Clerk of the Cascade Charter Township, Kent County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and complete copy of certain proceedings taken by the Township Board of said Township at a meeting held on April ____, 2024.

Cascade Charter Township Clerk

Exhibit A

FIRE PROTECTION AND EMERGENCY SERVICES
MILLAGE PROPOSAL

Shall the tax limitation on all taxable property within Cascade Charter Township, Kent County, Michigan, be increased and the Township be authorized to levy annually a new additional millage in an amount not to exceed 1.37 mills (\$1.37 on each \$1,000 of taxable value), for ten (10) years, 2024 to 2033 inclusive, to provide funds for all fire protection and emergency services purposes permitted by law, including purchasing equipment, providing firefighter wages and benefits, and providing continuous, 24 hour fire protection and emergency medical response coverage at fire stations? The estimate of the revenue the Township will collect in the first year of levy (2024) if the millage is approved is approximately \$2,900,000. By law, a portion of the revenue from the millage may be subject to capture by the Cascade Charter Township Downtown Development Authority and Brownfield Redevelopment Authority.

Yes

No

87192:00001:200433896-1

FIRE PROTECTION AND EMERGENCY SERVICES MILLAGE RESOLUTION

At a regular meeting of the Township Board of Cascade Charter Township (“Township Board”), Kent County, Michigan, held at the Township Hall on April __, 2024, at _____ p.m.

PRESENT: _____

ABSENT: _____

The following Resolution was offered by _____ and seconded by _____.

WHEREAS, Cascade Charter Township (“Township”) desires to ask voters to authorize a new additional millage not exceed 1.37 mills (\$1.37 on each \$1,000 of taxable value), for twenty (20) years, 2024 to 2043 inclusive, to provide funds for all fire protection and emergency services purposes permitted by law, including purchasing equipment, providing firefighter wages and benefits, and providing continuous, 24 hour fire protection and emergency medical response coverage at fire stations; and

WHEREAS, the Township has determined that the request for approval of the millage is in the best interests of the public health, safety, and welfare of the Township residents; and

WHEREAS, the Township has determined that it is the best interest of Township residents to request that such millage request be placed on the ballot at the August 6, 2024 election.

THEREFORE, be it resolved by the Township Board of Cascade Charter Township, Kent County, Michigan, as follows:

1. The Township Board has determined that a new additional millage in an amount not

Exhibit A

FIRE PROTECTION AND EMERGENCY SERVICES
MILLAGE PROPOSAL

Shall the tax limitation on all taxable property within Cascade Charter Township, Kent County, Michigan, be increased and the Township be authorized to levy annually a new additional millage in an amount not to exceed 1.37 mills (\$1.37 on each \$1,000 of taxable value), for twenty (20) years, 2024 to 2043 inclusive, to provide funds for all fire protection and emergency services purposes permitted by law, including purchasing equipment, providing firefighter wages and benefits, and providing continuous, 24 hour fire protection and emergency medical response coverage at fire stations? The estimate of the revenue the Township will collect in the first year of levy (2024) if the millage is approved is approximately \$2,900,000. By law, a portion of the revenue from the millage may be subject to capture by the Cascade Charter Township Downtown Development Authority and Brownfield Redevelopment Authority.

Yes

No

87192:00001:200433896-1



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION

MEETING DATE: April 10, 2024

ITEM: Buttrick Avenue Shared Use Pathway Bridge Repair

PRESENTER:

Aric Thorne, Township Engineer

INDIVIDUAL PRESENT:

EXECUTIVE SUMMARY:

The subject structure is a timber bridge located within the shared use pathway on the west side of Buttrick Ave, 0.35-miles north of 30th St. It was reported damaged in a motor vehicle incident on January 9. A majority section of the railing and several support posts (7) had sheared off as a result of the incident. The bridge has since been closed and cannot be safely traveled by Building and Grounds' equipment.

The bridge spans 50-feet across low lying area that is typically wet and receives storm water runoff from a road culvert under Buttrick Ave. Given site conditions and the design of the structure, there are a couple considerations to note in completing the repair.

1. Support posts are sunk into individual concrete foundations. The posts were sheared off and cannot be removed and replaced in the same foundations. These foundations would need to be removed and poured in-place with new support posts sunk in.
2. Replacing concrete foundations would require dewatering the area, possibly dismantling more of the bridge to provide access for equipment, pouring concrete, and reconstructing the bridge over top.

Several contractors were contacted for a quote. Two replied with availability to complete the repair by the end of the spring season. With respect to the above considerations, they offered two different solutions:

1. **Archadeck** | Install minimum 21-foot deep helical piles in conjunction with new support posts to serve as the foundation in locations of the damaged posts (7) without having to reuse or replace the concrete foundations. Total estimate is \$44,133.00.
2. **Construction Services of West Michigan** | For each support post, cut the post off at its concrete foundation, drill into the damaged post within the foundation, place a galvanized pipe in the post, fill it with epoxy injection, and attach a new post with a pre-drilled hole over the galvanized pipe. Total estimate is \$33,428.89.

I recommend the helical piles solution with Archadeck because it effectively replaces the original foundation to its 10,000-lb loading capacity. Piecemealing new support posts over damaged posts in the alternative solution may provide for an adequate short-term repair, but at the cost of longevity and with no guarantee of the new loading capacity. Moisture infiltration and the freeze-thaw cycle will ultimately compromise the integrity of the concrete-epoxy-wood bond in the support posts over time.

The Township's insurer will reimburse the Township for the cost of the lower-priced option, less a \$1,000 deductible. The Pathways Fund (#216) fund balance will cover the deductible, plus the difference between the insurance payment and the final cost of the repair.

STRATEGIC PLANS/GOALS:

N/A

BUDGET IMPLICATIONS:

Both the insurance revenue and the repair expenditure should be recognized. The net effect will be a use of \$11,660 in fund balance from the Pathways Fund (#216). This amount is immaterial, as the fund balance is approximately \$1.1 million.

IMPLEMENTATION PLAN:

1. Provide a deposit to secure scheduling with the contractor.
2. The contractor to perform the repair.
3. Walkthrough completed construction and generate punch list of deficiencies.
4. Contractor corrects construction deficiencies (if applicable) and settle final charges.

DIRECTOR'S RECOMMENDATION:

N/A

MANAGER'S RECOMMENDATION: Approval

ACTION REQUESTED:

Accept the proposal from Archadeck and approve use of the Pathways Fund to repair the Buttrick Ave shared use pathway bridge. In addition, approve the budget amendment as follows:

<u>Fund</u>	<u>Line Item</u>	<u>Description</u>	<u>Adopted Budget</u>	<u>Increase</u>	<u>Amended Budget</u>
Pathways	216-000-676-200	Insurance Revenue	\$0	\$31,473	\$31,473
Pathways	216-758-932-200	Pathway Maintenance	\$3,000	\$44,133	\$47,133

ATTACHMENTS:

1. Archadeck Proposal
2. Construction Services of West Michigan Proposal
3. Tokio Marine Settlement
4. Original Bridge Detail

Project Designer: Ben Spring
Office Phone: 616.350.5334
Date: 4/1/24

Prepared for Purchaser:
Cascade Charter Township
Pedestrian Bridge Repair
Off Buttrick just north of 28th St SE

1. SCOPE OF WORK:

This proposal is for partial demo (as spec'd) and new construction of 10'3-1/2" wide and roughly 32' long. Deck and railing details are listed on drawings provided and labelled "Structure Repair 24.01.17". Finish construction detail match existing portions that were undamaged.

Furnish & install (7) helical piers for boardwalk/bridge foundation. Pier material to be 2-7/8" dia x .203" wall galvanized round pipe.

8-10-12 triple helix leads. 6" x 6" cross-lock saddle brackets.

Target torque/load per pier - 2,222 ft/lbs = 10,000# working load each.

Estimated depth: 21' each

NOTES: Project Notes:

Pier locations to be staked by others.

Additional 7' extensions, if needed to achieve target torque, installed at a rate of \$275.00 each. 7 Total or \$1,925.

1. PROJECT COST & OPTIONS *pricing good for 30 days*

Options	Price Impact	Include Yes/No	Update SoW
1. Materials & Labor including Structural Engineering (if needed). Dewatering not necessary with Helical Piers.	\$28,500	Yes	
2. Helical Piers	\$15,633	Yes	
Final project price with selected options:	\$44,133		

2. AS RELATED TO THIS PROPOSAL, **ARCHADECK COMMITS TO:** Initials: _____
- 2.1. construct the project described in the Scope of Work to meet or exceed local building codes and standards.
 - 2.2. provide all building materials as described in the Scope of Work unless noted otherwise.
 - 2.3. provide copies of construction prints when requested.
 - 2.4. secure all permits from the appropriate county jurisdiction.
 - 2.5. organize the locating and marking of existing utilities.
3. AS RELATED TO THIS PROPOSAL, **PURCHASER COMMITS TO:** Initials: _____
- 3.1. provide Archadeck with a copy of the property plat plan.
 - 3.2. secure any required HOA permissions (Archadeck will provide construction plans and documentation to assist)
 - 3.3. assume responsibility and cost for all painting, caulking, staining
 - 3.4. assume responsibility and cost for repair/redesign of landscaping
 - 3.5. disclose any private underground utilities that exist in the project area (such as irrigation lines, septic components, and any unrecorded embedded utility.)
 - 3.6. assume responsibility and cost of relocating any utilities, disclosed or undisclosed, that are in conflict with the project area.
4. SCOPE OF WORK CHANGES AFTER CONTRACT SIGNING
- 4.1. Changes to the original scope of work will be recorded as addendums, signed by both the Archadeck and Purchaser
 - 4.2. If the change is initiated by the Purchaser, or by circumstances outside the control of the Archadeck, including unforeseen site conditions, the addendum may include additional cost.
 - 4.3. Any cost associated with an addendum is due in full at the time the addendum is executed, unless other arrangements are agreed upon by both parties.
5. UNFORSEEN SITE CONDITIONS
- 5.1. Extra costs are often associated with on-site conditions that Archadeck was not aware of, or were not possible to know, until after construction start. Archadeck is not liable for schedule delays or costs associated with unforeseen site conditions. Any such added costs will be documented on a signed addendum.
6. PAYMENT SCHEDULE
- 6.1. 30% due at contract sign
 - 6.2. 30% due at start of work
 - 6.3. 30% due at progress milestone

6.4. 10% due upon Substantial Completion of Work as described in the Archadeck contract.

7. ADDITIONAL NOTES

7.1. All construction to be in accordance with the **Archadeck Unified Structural System**.

7.2. Project covered by the **Archadeck Warranty*** (1-year workmanship, 5-year structural)¹

7.2.1. Workmanship defects include splitting, severe warpage or cupping of building materials, leaking roofs or shifting patio pavers. Structural defects apply only to the structural fitness of components such as footings, paver patio base material, columns, beams, joists, rafters, stair stringers and railing posts & rails. Please note that all manufactured items such as pressure treated lumber, composite and synthetic decking, roofing shingles, windows, pavers, HVAC equipment & all electrical components, and outdoor kitchen components are covered under the terms of the manufacturer’s warranty. *Please refer to the Archadeck Warranty and NGC Guarantee for a complete description of the terms of coverage. Please read your Warranty and Guarantee documents carefully to ensure you understand the coverage provided and keep them in a secure location.

7.3. Project completion guaranteed by Archadeck’s **National Guarantee Corporation*** (NGC)

7.4. Be aware that the project area will be an active construction site. Our teams will do everything possible to minimize damage to existing landscaping. However, some damage will occur, including along the access route from the street to the project site.

Archadeck and the Purchaser have reviewed the above proposal, made any appropriate changes, and agree to enter into a contract to be executed as a separate document referencing this proposal #.

Purchaser

Archadeck

Date

Date

ROUND SHAFT 2-7/8" X .203 WALL HELICAL PILES

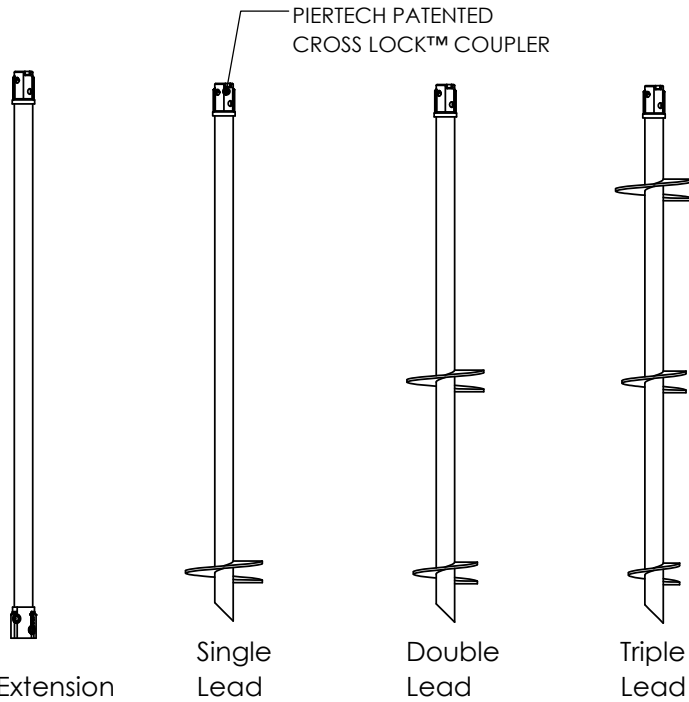
REVISIONS

REV	ECO	DESCRIPTION	BY	DATE	CHECK	DATE
-----	-----	-------------	----	------	-------	------

Helical Piles offer unique advantages over other deep foundation system, including rapid installation, improved bearing support, and lack of waste (excavated soils). The below Pier Tech Systems® (PTS) products are manufactured to internal quality standards using USA sourced steel, when applicable. Joining of helical pile components is provided by PTS patented Cross Lock™ splined coupler allowing ease of connection between components as well as achieving a rigid joint of higher torsional capacity. The torsional rating of the helical pile is defined in accordance with AISC 360 and/or ICC-AC358 [laboratory testing or computational methods]. Structurally, the helical piles include a reduction in capacity to account for corrosive soil attack inclusive of loss of section (bare steel). Such reduction is based on a design period of 50 years for soils of moderate to high resistivity and acidic to base pH levels. PTS recommends that actual capacity of helical piles be determined through consultation with licensed professional engineer with consultation of geotechnical consultant, whenever possible. Helical piles are available in standard and custom lengths with helix configurations.

Properties and Specifications

Shaft	RS 2-7/8" x .203W ASTM A500 Grade B/C, Fy=60ksi, Fu=70ksi	
Helix*	8", 10", 12", 14" OD .375" Thickness 3" Pitch ASTM A572	
Coupler	Patented Cross Lock™ ASTM A915-A915M Fy=116ksi, Fu=123.3ksi	
Bolts	(2) 3/4" Grade 5 Min.	
Finish	Bare Steel, Galvanized	
Torque		
Maximum Torque**	8,290 ft-lbs	
Capacity to Torque Ratio	9 (1/ft)	
Capacity by Torque		
Ultimate Capacity Based on Torque***	74 kips	
Allowable Capacity Based on Torque	37 kips	
Structural Capacity		
Allowable Structural Capacity (Comp.)***, *-	48 kips	
Allowable Structural Capacity (Ten.)***, *-	44 kips	



*Other helix sizes available if requested.
 **Maximum torque represents ultimate resistance of helical pile as based on laboratory testing or computational assessment of pile section. PTS recommends that ultimate torque applied during installation of helical piles be limited to no more than 85% of the listed maximum torque.
 ***Listed capacity of helical piles based on simple axial loading of shaft. Reduce capacity as necessary to comply with maximum combined stress within steel section (per AISC / IBC criteria - reduction to account for lateral shear and/or moment applied to head of helical piles). All listed values apply to Cross Lock™ coupler only.
 *-Capacity based on corrosion of "bare" steel section per 50 year design period.

Note: The above helical pile capacities imply installation into suitable bearing stratum at appropriate depth. Listed axial compressive load based on installation achieving the recommended maximum torque per noted soil factor under simple axial loading. Such capacity excludes necessary reduction due to combined stress from lateral loading or induced moment applied to pile head. PTS recommends consultation with licensed design engineer to establish allowable structural, and geotechnical design capacity of helical piles. As deep foundation system, PTS recommends the upper most helix flight be installed no less than 5 times the helix outside diameter, unless otherwise assessed by licensed design professional.



NAME	DATE	DIMENSIONS ARE IN INCHES
KE	5/8/23	
CHECKED	MW	5/8/23
MATERIAL	VARIES	
FINISH	BARE/GALV	

PROPRIETARY AND CONFIDENTIAL
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**RS 2-7/8" X .203W
CUT SHEET**

SIZE	DWG. NO.	REV.
A	2.87-CUTSHEET	0
WEIGHT: N/A		SHEET 1 OF 1



Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

Client: Cascade Charter Township
Property: 5920 Tahoe Dr SE
Grand Rapids, MI 49546

Home: (616) 949-1500

Operator: CASEY

Estimator: Casey Daugherty
Position: Project Manager
Company: Construction Services of West Michigan
Business: 550 32nd Street SE
Grand Rapids , MI 49548

Cellular: (616) 322-1929
E-mail: casey@cswmi.com

Type of Estimate:

Date Entered: 3/6/2024

Date Assigned:

Price List: MIGR8X_MAR24

Labor Efficiency: Restoration/Service/Remodel

Estimate: CASCADE-TWP-REP

We wish to thank you for this opportunity to be of service to you. If we may be of any other assistance, or answer any additional questions, please do not hesitate to call.

After sixty days this estimate is subject to review and price evaluation.

This estimate is presented as a total repair package. Please understand that the following estimate is based on what we saw during our inspection. Conditions are such that the cost and scope may vary. Deletions/changes in the estimate may result in a disproportionate bottom line figure.



Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

CASCADE-TWP-REP

Exterior

Bridge

Height: 3'

DESCRIPTION	QTY	UNIT PRICE	TOTAL
1. 2" x 2" x 8' #2 treated pine (material only)	328.00 EA @	4.72 =	1,548.16
2. 2" x 6" x 20' #2 treated pine (material only)	8.00 EA @	21.46 =	171.68
3. 2" x 6" x 12' #2 treated pine (material only)	4.00 EA @	12.93 =	51.72
4. 2" x 6" x 10' #2 treated pine (material only)	4.00 EA @	10.73 =	42.92
5. R&R Deck hand rail/guard rail - Labor only	120.33 LF @	22.94 =	2,760.38
6. 2" x 10" x 8' #2 treated pine (material only)	54.00 EA @	16.38 =	884.52
7. 2" x 10" x 20' #2 treated pine (material only)	16.00 EA @	40.96 =	655.36
8. 2" x 12" x 10' #2 treated pine (material only)	12.00 EA @	33.01 =	396.12
9. R&R 2" x 12" lumber - treated (2 BF per LF)	320.00 LF @	7.36 =	2,355.20
10. 2" x 10" x 10' #2 treated pine (material only)	4.00 EA @	20.48 =	81.92
11. R&R Labor to install joist - floor or ceiling - 2x10	682.00 LF @	3.55 =	2,421.10
12. 2" x 6" x 10' #2 treated pine (material only)	110.00 EA @	10.73 =	1,180.30
13. R&R 6" softwood deck planking - Labor only (per SF)	501.67 SF @	6.82 =	3,421.39
14. 2" x 10" x 12' #2 treated pine (material only)	2.00 EA @	24.68 =	49.36
15. R&R 2" x 6" lumber - treated (1 BF per LF)	200.00 LF @	3.91 =	782.00
16. 6" x 6" x 8' - engineered strand lumber - material only	32.00 EA @	195.80 =	6,265.60
17. Epoxy injection - Post Repair	30.00 LF @	38.83 =	1,164.90
18. Material Only Galvanized pipe with fitting and hanger, 1-1/2"	30.00 LF @	7.45 =	223.50
19. Carpenter - General Framing - per hour	8.00 HR @	70.64 =	565.12
<i>Additional labor for post prep for epoxy repair.</i>			
20. R&R Lag bolt - 1/2" x 5" - hex lag screw - zinc plated	100.00 EA @	15.46 =	1,546.00

General Demolition

DESCRIPTION	QTY	UNIT PRICE	TOTAL
21. Single axle dump truck - per load - including dump fees	2.00 EA @	246.59 =	493.18



Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

Grand Total Areas:

0.00 SF Walls	0.00 SF Ceiling	0.00 SF Walls and Ceiling
0.00 SF Floor	0.00 SY Flooring	120.33 LF Floor Perimeter
0.00 SF Long Wall	0.00 SF Short Wall	0.00 LF Ceil. Perimeter
0.00 Floor Area	0.00 Total Area	0.00 Interior Wall Area
0.00 Exterior Wall Area	0.00 Exterior Perimeter of Walls	
0.00 Surface Area	0.00 Number of Squares	0.00 Total Perimeter Length
0.00 Total Ridge Length	0.00 Total Hip Length	



Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

Summary

Line Item Total	27,060.43
Material Sales Tax	796.98
Subtotal	27,857.41
Overhead	2,785.74
Profit	2,785.74
Replacement Cost Value	\$33,428.89
Net Claim	\$33,428.89

Casey Daugherty
Project Manager



Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

Recap of Taxes, Overhead and Profit

	Overhead (10%)	Profit (10%)	Material Sales Tax (6%)	Storage Tax (6%)
Line Items	2,785.74	2,785.74	796.98	0.00
Total	2,785.74	2,785.74	796.98	0.00



Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

Recap by Room

Estimate: CASCADE-TWP-REP

Area: Exterior

Bridge

26,567.25

98.18%

General Demolition

493.18

1.82%

Area Subtotal: Exterior

27,060.43

100.00%

Subtotal of Areas

27,060.43

100.00%

Total

27,060.43

100.00%

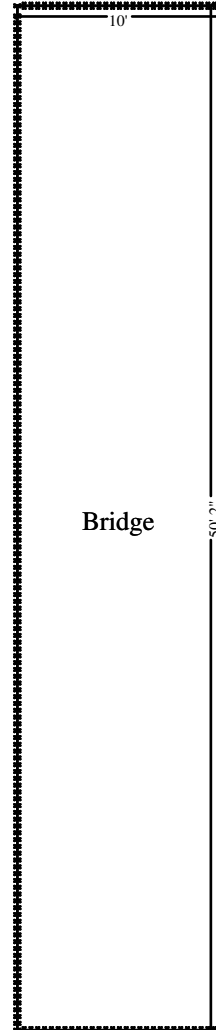


Construction Services of West Michigan

550 32nd Street SE
Grand Rapids, Mi 49548

Recap by Category

O&P Items	Total	%
CONCRETE & ASPHALT	1,164.90	3.48%
GENERAL DEMOLITION	3,938.63	11.78%
FRAMING & ROUGH CARPENTRY	21,733.40	65.01%
PLUMBING	223.50	0.67%
O&P Items Subtotal	27,060.43	80.95%
Material Sales Tax	796.98	2.38%
Overhead	2,785.74	8.33%
Profit	2,785.74	8.33%
Total	33,428.89	100.00%





March 27, 2024

Katie Murawski – Email: KMurawski@cascadetwp.com
Cascade Charter Township

Claim #: MTP-24-10563
Insured: Cascade Charter Township
Policy#: M24MTP81382-02
Date of Loss: 1/9/2024
Description: Vehicle struck the bridge at Buttrick Ave.

Dear Ms. Murawski:

Tokio Marine HCC – Public Risk Group is the Claims Administrator for US Specialty Insurance Company (USSIC) and the Michigan Township Participating Plan which insures Cascade Charter Township. The below provides a breakdown of payment for this claim which is based on the lowest estimate and does not include upgrades to this structure.

CSWM Estimate (Less Sales Tax)	\$	32,472.53
Less Recoverable Depreciation:	\$	(7,468.26)
Less Deductible:	\$	(1,000.00)
Payment:	\$	<u>24,004.27</u>

If your contractor provides an estimate for the repairs that is higher than our estimate provided, please forward a copy of your contractors estimate to us for review prior to the work being started. Also, if the contractor finds additional damages while the work is being completed, and you would like us to consider those additional repairs as part of this loss, the contractor must stop the repairs and you should contact us immediately.

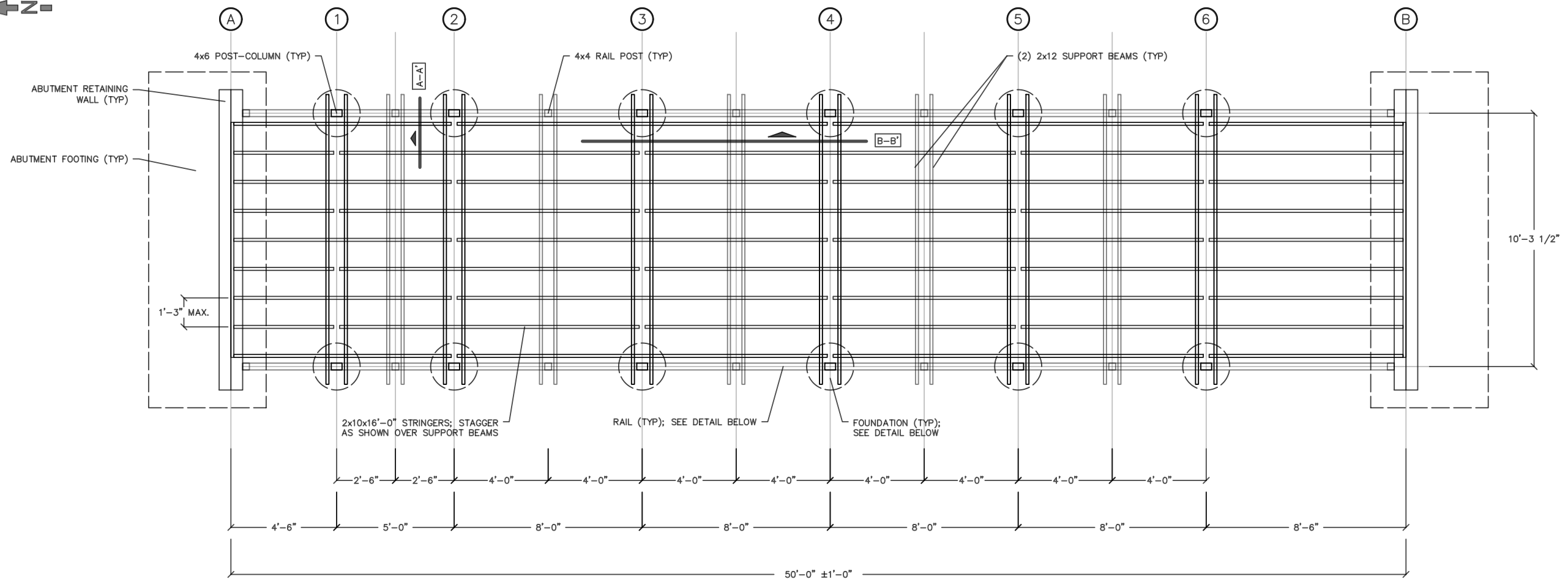
The estimate is based on repairs to the structure without upgrades as the policy affords coverage to repair with like kind construction. If the Township would prefer to upgrade the structure, the difference in cost would not be considered as part of this claim.

Recoverable deprecation was taken off the estimate as a temporary holdback of funds. Once the repairs have been completed, please forward the invoice showing the final costs incurred. We will then issue payment for the recoverable depreciation.

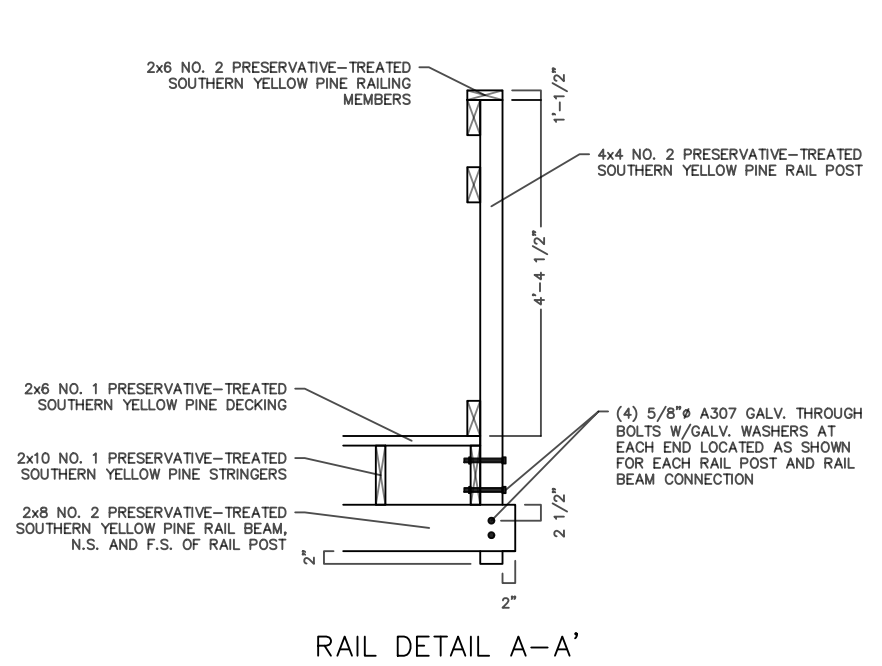
If you have any questions regarding this letter, please feel free to contact me at 248-371-3083.

Sincerely,

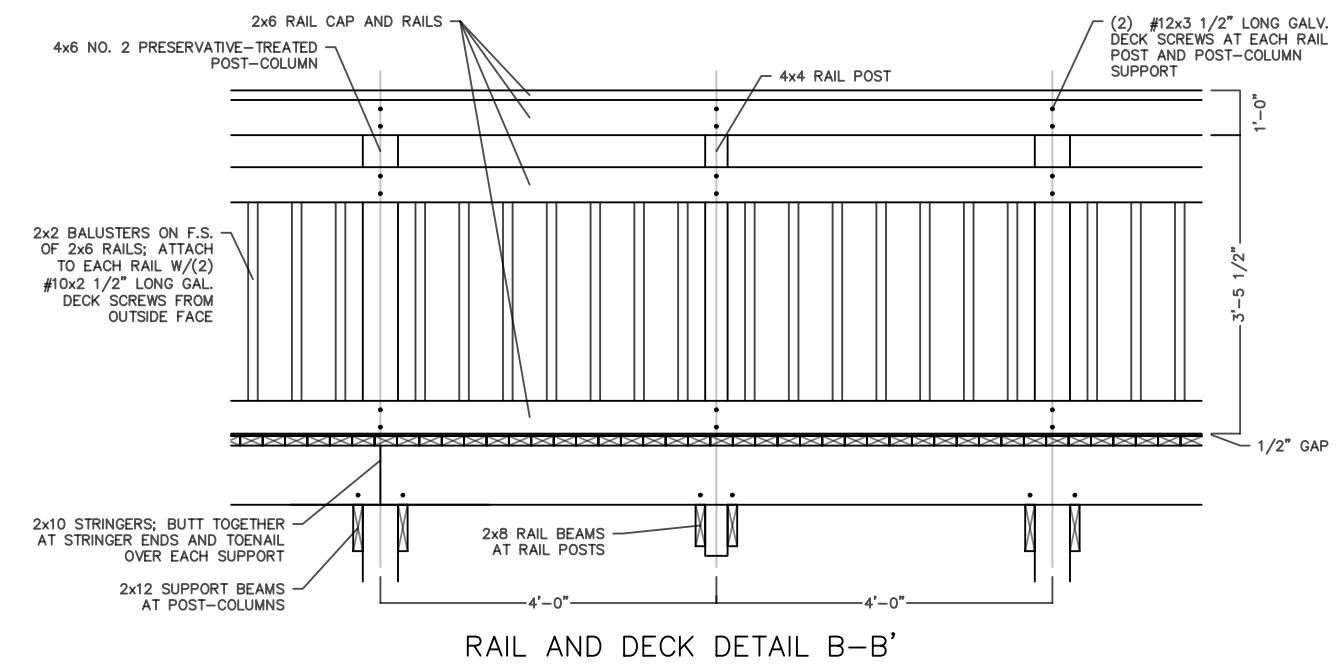
Sharon Woods, AIC
Sr. Claims Adjuster
swoods@tmhcc.com



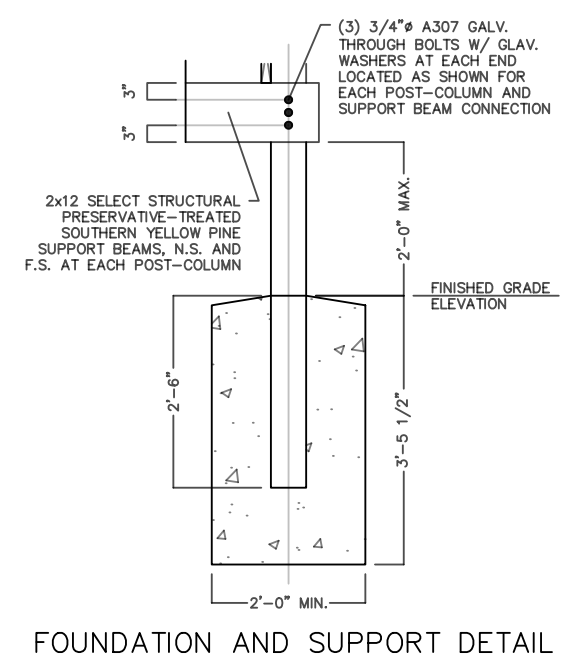
BRIDGE DECK AND ABUTMENT PLAN



RAIL DETAIL A-A'



RAIL AND DECK DETAIL B-B'



FOUNDATION AND SUPPORT DETAIL

DRAWN BY	AKT
DATE	01/17/24
REVISED	01/17/24
SHEET NO.	02 OF 03



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION

MEETING DATE: April 10, 2024

**ITEM: Recommendation to Adopt Ordinance 24-3 Amendment to PUD-02 Ordinance:
Golfview Office Park**

PRESENTER: Andrea Hendrick, Township Manager

INDIVIDUAL PRESENT: Township Attorney

EXECUTIVE SUMMARY:

The Golfview Office Park Planned Unit Development (PUD) Ordinance was adopted in 1999. This PUD is a mixed-use office park complex located off Cascade Road, just east of Spaulding Avenue. The PUD-2 Ordinance has been amended five (5) times since its original adoption. The PUD has several buildings and parcels, indicated in the ordinance as different phases.

The property owner, Mark DeWaal, along with the current owner and manager of Grand Rapids Gymnastics, Mark Bowen and Kerri Johnson, located in an adjacent suite at 1601 Galbraith Avenue, submitted an application to the Planning Department proposing another permitted use be added to the existing Golfview Office Park PUD Ordinance. This request for an amendment is for Phase 1 of the ordinance adopted in 1999 to add Child Day Care Centers as a permitted use within Phase 1.

Currently, the PUD Ordinance indicates in *Section VI. Permitted Uses in Phase 1* are limited to six uses designated as the following:

1. *Computer design and service buildings*
2. *Health/Sports Club*
3. *Professional Office*
4. *Church*
5. *Executive Administrative offices, data processing centers and business offices such as real estate, insurance, and non-profit organizations.*

The proposed amendment was brought to the Planning Commission on February 26, 2024 where a public hearing was held. The case was brought back to the Planning Commission on March 4, 2024. A motion was made by the Planning Commission recommending approval by the Township Board of Trustees to allow a Child Day Care Center as a permitted use in Phase 1 of the Golfview Office Park PUD. Foster Swift prepared a draft ordinance amendment indicated as Ordinance 3 of 2024, should the board determine approval and adoption.

STRATEGIC PLANS/GOALS: Priority 2: Ensure that zoning processes are clear, efficient, and promote both economic development and Township planning goals. Approval allows for expanded use of needed services in the community, and promotes economic development.

BUDGET IMPLICATIONS: None

IMPLEMENTATION PLAN:

February 26, 2024 – Planning Commission held a public hearing for the proposed PUD-02 Ordinance Amendment.

March 4, 2024 – Planning Commission recommended approval of the proposed amendment with no conditions.

March 27, 2024 – First Reading of the proposed Ordinance amendment to PUD-02

April 10, 2024 - Second Reading of Ordinance – Board Decision

April 15, 2024 – If adopted, Ordinance 24-3 is Published for Public Viewing.

April 22, 2024 – If adopted, the ordinance takes effect seven (7) days after publishing.

DIRECTOR'S RECOMMENDATION: Yes

MANAGER'S RECOMMENDATION: Yes

ACTION REQUESTED: Amend PUD-02 Ordinance for Golfview Office Park, to permit a Child Day Care Center as recommendation by the Cascade Charter Township Planning Commission.

ATTACHMENTS:

1. Amendments to Golfview Office Park PUD-02.
2. Application
3. March 4, 2024 Staff Report

CASCADE CHARTER TOWNSHIP

ORDINANCE NO. 24-3

**AN ORDINANCE TO AMEND THE TOWNSHIP ZONING ORDINANCE REGARDING
THE GOLF VIEW OFFICE PARK PLANNED UNIT DEVELOPMENT PROJECT**

THE CHARTER TOWNSHIP OF CASCADE ORDAINS:

Section 1. Amendment of Section VI of Ordinance #9 of 1999 of the Township Zoning Ordinance

Section VI of Ordinance #9 of 1999 of the Township Zoning Ordinance is amended to add “child day care centers” as a permitted use for Phase 1 of the Golf View Office Park PUD as follows:

Section VI. Permitted Uses.

The permitted uses for the Golf View Office Park PUD do not include any retail sales operations, the following uses are allowed:

...

PHASE 1

B. The renovation of the existing Lack's manufacturing and warehousing facility will be broken down into three (3) multi-use office buildings, each building is separated by an open atrium. The maximum square footage of all three buildings is 127,000 square feet. Uses permitted within this building shall be limited to those listed below:

1. Computer design and service business
2. Health/Sports Club
3. Professional Office
4. Church
5. Executive and administrative offices, data processing centers and business offices such as real estate, insurance, and non-profit organizations.
6. The amount of square footage devoted to office uses shall be allowed to a maximum of 92,000 square feet. The total square footage of the building will not exceed 127,000 square feet. A minimum of 35,000 square feet shall be devoted to the Health/Sports Club.
7. Child Day Care Center – A Child Day Care Center, pursuant to the standards in the Cascade Township Zoning Ordinance.

Section 2. Severability.

If a court determines that any provision of this Ordinance is invalid, the remaining provisions of this Ordinance shall remain in full force and effect.

Section 3. Repealer.

Any ordinances in conflict with this ordinance are repealed to the extent necessary to give this ordinance full force and effect.

Section 4. Effective Date.

This ordinance takes effect upon the expiration of seven (7) days after publication.

87192:00001:7081176-2
87192:00001:200333767-1



CASCADE CHARTER TOWNSHIP

5920 Tahoe Dr. SE, Grand Rapids,
Michigan 49546-7140

PLANNING & ZONING APPLICATION

APPLICANT: Name: Kerri Johnson
Address: 1601 Galbraith Ave, Ste 301
City & Zip Code Grand Rapids, MI 49546
Telephone: 616-975-2992
Email Address: kerri@rgymnastics.com

OWNER: * (If different from Applicant)
Name: Mark DeWaal
Address: 1601 Galbraith Ave, Ste 302
City & Zip Code: Grand Rapids, MI 49546
Telephone: 616-334-8425
Email Address: mtdewaal@gmail.com

NATURE OF THE REQUEST: (Please check the appropriate box or boxes)

- | | |
|--|---|
| <input type="checkbox"/> Administrative Appeal | <input type="checkbox"/> Administrative Site Plan Review |
| <input type="checkbox"/> Deferred Parking | <input type="checkbox"/> P.U.D. – Rezoning * |
| <input type="checkbox"/> P.U.D. – Site Condominium * | <input type="checkbox"/> Rezoning |
| <input type="checkbox"/> Site Plan Review * | <input type="checkbox"/> Sign Variance Subdivision |
| <input type="checkbox"/> Special Use Permit | <input type="checkbox"/> Plat Review * |
| <input type="checkbox"/> Zoning Variance | <input checked="" type="checkbox"/> Other: Amendment to PUD |

*** Requires an initial submission of 5 copies of the completed site plan**

BRIEFLY DESCRIBE YOUR REQUEST:**

Request an amendment to the ordinance for Ste 302 at 1601 Galbraith Ave SE, Grand Rapids
to allow Daycare use

(**Use Attachments if Necessary)

-SEE OTHER SIDE-

LEGAL DESCRIPTION OF PROPERTY**:

(**Use Attachments if Necessary)

PERMANENT PARCEL (TAX) NUMBER: 41-19 _____

ADDRESS OF PROPERTY: 1601 Galbraith Ave, Ste 302, Grand Rapids, MI 49546

PRESENT USE OF THE PROPERTY: Office Space

NAME(S) & ADDRESS(ES) OF ALL OTHER PERSONS, CORPORATIONS, OR FIRMS HAVING A LEGAL OR EQUITABLE INTEREST IN THE PROPERTY:

Name(s)	Address(es)
<u>deWaal Properties LLC</u>	<u>1601 Galbraith Ave, Ste 302</u> <u>Grand Rapids, MI 49546</u>

SIGNATURES

I (we) the undersigned certify that the information contained on this application form and the required documents attached hereto are to the best of my (our) knowledge true and accurate. I (we) also agree to reimburse the Cascade Charter Township for all costs, including consultant costs, to review this request in a timely manner. I (we) understand that these costs may also include administrative reviews which may occur after the Township has taken action on my (our) request.

I (we) the undersigned also acknowledge that the proposed project does not violate any known property restrictions (i.e. plat restrictions, deed restrictions, covenants, etc.)

Mark de Waal
 Owner – Print or Type Name *MARK de WAAL*
 (*If different from Applicant)
 * Mark de Waal 1/3/24
 Owner's Signature & Date
 (*If different from Applicant)

Herri Johnson
 Applicant – Print or Type Name
Herri Johnson 1/3/24
 Applicant's Signature & Date

PLEASE ATTACH ALL REQUIRED DOCUMENTS NOTED IN THE PROCESS REVIEW SHEET – THANK YOU

1601 Galbraith, Suite 302 (proposed location)

3600 SQ FOOT open office/class rooms, activity rooms, Kitchens, bathrooms

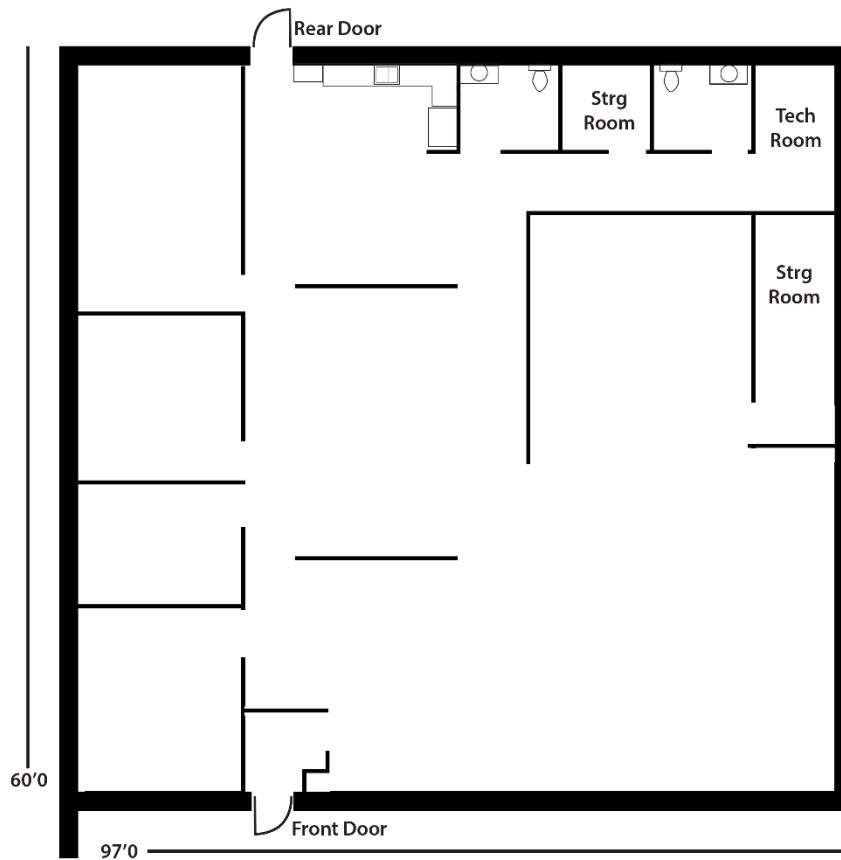
Overview



Street level



Preliminary Floor Plan – Suite 302



Architectural drawing of 1601 Galbraith, Suite 302. Approx 60x60 ft, no load bearing walls, Front entrance (airlock), rear exit, open to patio.

Hours of Operation: 7:30am – 6:30pm

Day of the week open: To be determined.

Number of employees: 6

Capacity: # of Children to be served, not provided by the applicant.

January 2, 2024

To whom it may concern:

I, Mark de Waal, am the managing member of de Waal Properties LLC. de Waal Properties owns 1601 Galbraith Ave, Suite 302, Grand Rapids, MI 49546.

We have been approached by an entity who would like to explore the use of Suite 302 as a day care/school. I am a proponent of this use.

Please feel free to contact me @ 616.334.8425 (cell) or mtdewaal@gmail.com if you need add'l information.

Sincerely -

Mark de Waal

Mark de Waal
1601 Galbraith SE, Ste 302
Grand Rapids, 49546

STAFF REPORT

STAFF REPORT: Case #24-3811
REPORT DATE: February 29, 2024
PREPARED FOR: Cascade Charter Township Planning Commission
MEETING DATE: March 4, 2024
PREPARED BY: Madison Smith-Jacoby, Zoning Administrator

APPLICANT:

Kerri Johnson, Mark DeWaal, and Mark Bowen

Golf View Office Park
1601 Galbraith Avenue, Suite 302
Grand Rapids, MI 49546

STATUS
OF APPLICANT:

Applicant, Grand Rapids Gymnastics, Kerri Johnson
Property Owner, Mark DeWaal
Day Care Center Tenant, Mark Burns

REQUESTED ACTION:

A Recommendation for approval to the Township Board of Trustees to amend the ordinance – adding a Day Care Center in PUD-02, Golfview Office Park, as a permitted use.

EXISTING ZONING OF
SUBJECT PARCEL(S):

PUD 02 – Golfview Office Park

PROPERTY ADDRESS:

1601 Galbraith Avenue.

PARCEL NUMBER:

41-19-06-403-001

GENERAL LOCATION:

Southern terminus of Galbraith Ave, south of Cascade Rd

PARCEL SIZE:

Approximately 4.3 acres

EXISTING LAND USE
ON THE PROPERTY:

Mixed Use – Office Park

ADJACENT AREA
LAND USES:

N- Mixed office uses within the PUD
W – Consumer’s utility easement, Bos Greenhouse
S – Watermark’s clubhouse, pool & fitness center,
E -- Golf course

ZONING ON
ADJOINING PARCELS:

N – Golfview PUD- 02
W—R1 and ARC S&E – Watermark PUD 15

STAFF COMMENTS:

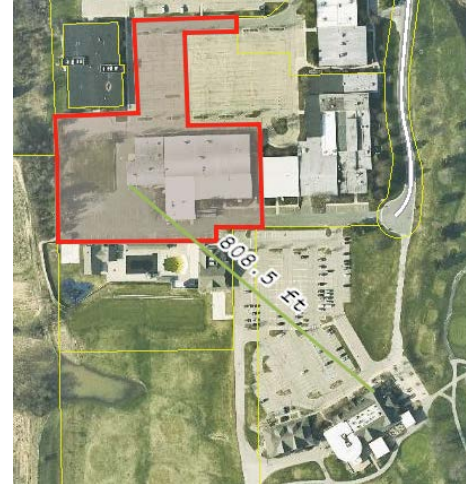
1. The applicant is requesting to amend the existing Planned Unit Development to allow for a daycare as a permitted use.
2. The property is part of a Planned Unit Development that regulates, among other things, the uses that are permitted. The original Golfview Office Park PUD was approved in 1999 and amended 5 times since then. These amendments were adopted in 2000 (2), 2003, 2015, and 2018. The published ordinance represents all changes to date.
3. This building is part of Phase I or 'Building A' of the approved site plan. The permitted uses for Phase I, indicated in the PUD-02 Ordinance, are listed as follows:
 - Computer design and service business
 - Health/sports club
 - Professional Office
 - Church
 - Executive Administrative offices, data processing centers, and business offices such as real estate, insurance, and non-profit organizations.
 - The amount of square footage devoted to office uses shall be allowed to a maximum of 92,000 sf. A minimum of 35,000 sf shall be devoted to Health/Sports Club.
4. The PUD ordinance addresses permitted uses within different phases and buildings, but does not indicate that a child care/daycare facility is permitted, and does not refer to underlying zoning or the Cascade Charter Township Zoning Ordinance for other uses. It was determined that an amendment to the existing ordinance will be required to allow for an additional permitted use, based on Section V. of the PUD-02 Ordinance.
5. Pursuant to Chapter 3 of the Cascade Township Zoning Ordinance, the proposed use is defined as a Child Care Center under the Child Care Organization definition:

“A facility, other than a private residence, receiving more than six (6) pre-school or school age children for group care for periods of less than 24 hours a day, and where the parents or guardians are not immediately available to the child. It includes a facility which provides care for not less than two consecutive weeks, regardless of the number of hours of care per day. The facility is generally described as a child care center, day care center, day nursery, nursery school, parent cooperative preschool, play group, or drop-in center. "Child care center" or "day care center" does not include a Sunday school conducted by a religious institution or a facility operated by a religious organization where children are cared for during short periods of time while persons responsible for such children are attending religious services.”
6. The applicant has submitted a floor plan for the building showing what space the daycare will occupy. This will be a tenant build-out of suite 302, which does not require the expansion of or addition to any existing buildings. There will be 3,600 sf dedicated to a Day Care Center.
7. In addition to Cascade Charter Township regulations, Child Care Centers are defined and regulated by the Michigan Department of Licensing and Regulatory Affairs (LARA).

8. When considering Cascade Charter Township’s intended uses for an office district, Pursuant to Section 12.03, *Uses Permitted by Right* in the “O” Office District, a Day Care Center is a Personal Service Establishment use permitted by-right if it is in line with these conditions:
- a. Such establishments are limited to basement and ground floors of the building.
 - b. The total gross floor area collectively occupied by personal service establishments shall not exceed ten (10) percent of the gross floor area of the building’s ground floor.
 - c. The gross floor area occupied by any single personal service establishment shall not exceed ten (10) percent of gross floor area of the building’s ground floor of 1,500 sf, whichever is the lesser amount.
9. Child Care Center Zoning Ordinance requirements (*Section 17.07.e*):

REQUIREMENTS	FINDINGS
Minimum lot size of 40,000 sf	The proposed Child Care Center will operate in a portion of the existing building on a 4.3 acres (187,308 sf) lot
Dormitory facilities are not permitted	The proposed operation does not include dormitory facilities. Proposed hours of operation are 7:30 am to 6:30 pm.
150 sf per child/ minimum 5,000 sf outdoor play area	Existing green space to be utilized is approximately 19,645 sf.
The outdoor play area shall be enclosed by a chain link fence not less than four (4) feet in height, and screened by natural or planted or planted vegetation to a height of at least five feet.	The applicant has indicated this standard will be met on the finalized site plan. Planning staff recommends that Planning Director Approval is a condition of approval.
Signs shall be subject to the regulations relative to signs for the district in which the use is to be located.	The applicant has indicated any and all proposed signage will follow the standards here today.
Such facilities must be registered with the Township and licensed state.	State licensing will be pursued after Township approval is given. Proof of registration will be provided upon receipt.
<i>Table 19.B Parking Requirements</i> one (1) parking space /1,000 sf fa -OR- two (2) parking spaces/ 3 employees	The applicant has indicated that there will be six (6) employees. Therefore, four (4) parking spaces are required. The current site has hundreds of parking spaces. The proposed entrance to the operation will be located on the southwest façade of the building. Directly adjacent to the proposed entrance, there is a parking lot with 74 parking spaces. The current site is overparked.

10. The proposed Child Care Center is approximately 800 feet from the recently approved cigar bar lounge at Watermark Clubhouse. See map image. The Michigan Department of Licensing and Regulatory Affairs (LARA) regulates smoking in regards to Child Care Centers.



11. If the Zoning Ordinance Amendment is recommended for approval, the site will require Administrative Site Plan Review once completed. Staff has requested a basic site plan be provided to the Planning Department in advance of operation. The applicant is preparing appropriate documentation and has indicated that the site itself will not require modification besides a fence and landscaping around the outdoor play area.

12. The Planning Department will not require formal Site Plan Review of the Day Care Center by the Planning Commission for reasons stated above. The Planning Commission indicated at the February 26, 2024 meeting that the site plan information provided by the applicant is sufficient.

STANDARDS

Section 16.03 of the Zoning Ordinance requires that a Planned Unit Development must demonstrate that:

Standard	Staff Comment
Granting of the Planned Unit Development rezoning will result in a recognizable and substantial benefit to the ultimate users of the project and to the community, where such benefit would otherwise be unfeasible or unlikely to be achieved.	The property is already zoned PUD – 02. The proposed use will fit into the existing PUD’s uses and will complement existing businesses.
In relation to underlying zoning, the proposed type and density of use shall not result in a material increase in the need for public services, facilities and utilities, and shall not place a material burden upon the subject or surrounding land or property owners and occupants or the natural environment.	The proposed use will not result in an increase in the need of public services as they are already available on site.
The proposed development shall be compatible with the General Development Plan of the Township and shall be consistent with the intent and spirit of this Chapter.	This district of the Township is mainly office and commercial uses mixed with some residential. While the zoning is mainly planned unit developments, the use is compatible to an office district.

<p>In relation to the underlying zoning, the proposed development shall not result in an unreasonable negative economic impact upon surrounding properties.</p>	<p>The proposed use will provide optional services for working families in the Township. The location of the proposed use within the development is such that it will have minimal impact on surrounding land uses. The use will result in prohibiting Adult Oriented Businesses within 1,000-foot radius of this parcel, if approved.</p>
<p>The proposed development shall contain at least as much green area and usable open space as would otherwise be required by this Ordinance with respect to the most dominant use in the development.</p>	<p>While the current site is overparked, the proposed use will utilize existing recreational green space and provide more trees on the property.</p>
<p>The proposed development shall be under single ownership or control such that there is a single person or entity having responsibility for completing the project in conformity with this Ordinance. This provision shall not prohibit a transfer of ownership or control, upon due notice to the Planning Director of the Township.</p>	<p>The PUD was previously established, which makes this standard unapplicable. However, attestation from the existing owner has been provided.</p>

STAFF RECOMMENDATION

Staff recommends that the Planning Commission forward a RECOMMENDATION FOR APPROVAL to the Township Board of Trustees for an amendment to the PUD-02, Golf View Office Park PUD.

MOTION:

To recommend approval by the Township Board of Trustees to amend the Golf View Office Park PUD to allow for a Day Care Center with the following condition:

1. All necessary state, county, and local permits and approvals are obtained.
2. All required fencing and landscaping for the proposed outdoor play area must be approved by the Planning Director.
3. The applicant must obtain a sign permit in advance of erecting any signage.
4. Prior to operation, the applicant must submit a site plan to the Planning Department for review and inspection.

ATTACHMENTS

1. Application
2. PUD Ordinance – Draft Amendment
3. Floor plan
4. Owner’s letter of support



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION

MEETING DATE: April 10, 2024

ITEM: Thornapple River SAD Navigation Marking Plan Contract

PRESENTER: Jade Smith, Township Manager

INDIVIDUAL PRESENT: N/A

EXECUTIVE SUMMARY: In 2020, the Township received a petition, circulated by members of the Cascade Thornapple River Association, to make improvements to the Thornapple River. The requested special assessment district (SAD) was created to provide for weed control and removal, debris removal, safety enhancements, and silt control and removal. The cost of these improvements was to be equally assessed against all parcels that front the Thornapple River between the dam and 60th Street, including Township-owned property.

In the first year of the SAD, the Committee focused on weed control and removal but, as the treatments have progressed, the committee has begun to focus on other improvements targeted by the assessment. 2023 saw relocation of several large floating trees and logs that the spring rains had washed into the navigable waterway; they were relocated to provide bank stabilization in designated areas. Moving these objects has made for a much safer environment as they would frequently drift with the wind, many floating even with the water's surface, making them hard to spot in certain conditions. The SAD also contracted Viking Marine to develop a safety and navigational marking plan, survey/map the river depths, and enter the permitting process with EGLE (Phases 1 and 2 of the Safety and Navigational Marking Project). To continue the marking project, the Thornapple River SAD Committee is

requesting approval of the attached contract with Viking Marine to purchase and install the safety and navigational markers (Phases 3 and 4 of the Safety and Navigational Marking Project). These will be placed to minimize detracting from the idyllic surroundings and maximize safety for anyone transverse the SAD stretch of the Thornapple River.

STRATEGIC PLANS/GOALS: “Preserve, protect, and maintain the Thornapple River and Cascade Dam.”

BUDGET IMPLICATIONS: The total cost of Phases 3 and 4 (yet to be completed) is \$31,631.22 and will come from the Thornapple River SAD fund balance.

DIRECTOR’S RECOMMENDATION: Approval

MANAGER’S RECOMMENDATION: Approval

ACTION REQUESTED: Approve the contract for the Thornapple River Safety and Navigation Marking Plan with Viking Marine Construction.

ATTACHMENTS: Thornapple River Safety and Navigational Marking Plan

Viking Marine Construction 2024 Contract

Viking Marine Thornapple River Safety and Navigational Marking Plan 2023 Proposal

1/18/2024

TRSAD Cascade Township RFP (Issued March 2023)

Thornapple River Safety and Navigation Marking Plan

Awarded to Viking Marine Construction

Phase 1: Permitting

Phase 2: Hydrographic Survey

Phase 1 and 2 cost: \$13,258.68 (Complete)

Phase 3: Installation on 19 buoys (see maps)

Phase 4: Staging site cleanup

Phase 3 and 4 cost: \$31,631.22 (Pending)

Process:

Offload a mini excavator on tracks from a gooseneck trailer at the Maracaibo Shores private boat launch. We will then back a trailer full of the assembled channel markers down to the mini excavator and use it to load them onto the barge/workboat. Upon loading the channel markers, the barge will follow the survey boat out to proper locations and place them in the water. The survey boat will be loaded with target files based off the hydrographic survey which will designate the proper area to place the channel markers in the water. We will then mark all designated caution areas with the orange and white “danger” buoys. The Buoys will be held in place with 5/16” marine grade chains and 150-pound blocks of concrete. The survey boat and work barge/work boat will be launched at the boat ramp as well. In total, we will launch 2 vessels. Duration is 1-2 days.

Equipment:

- **Work boat/work barge**
- **Survey boat**
- **GMC 3500 Dually**
- **GMC 1500**
- **Gooseneck trailer**
- **Mini Excavator**
- **Assembled materials**
- **Two Boat trailers, unless the work barge is brought. It will be hauled on the gooseneck.**

Specs for Red and Green buoys:

- Taylor Made Sur-Mark, Green and Red:
 - Height: 49"
 - Col. Diameter: 10"
 - Large Ring Diameter: 18"
 - Approx. Buoyancy: 40 lbs
 - Visibility Height Above Waterline: 39"

Picture of Green and Red Buoys:



Specs of Orange Caution buoys:

- Taylor Made Sur-Mark
- Visible 39 inches above waterline
- One-piece seamless construction
- Molded from tough UV protected polyethylene
- Approximate buoyancy: 40 lbs.
- Three-Year Flotation Warranty
- Labels options must be chosen in advance

46171 Shallow Area 46183 Danger
46173 No Boats 46184 Danger Rocks
46175 Keep Out 46185 Swim Area Hazard
46180 Slow 5 MPH 46187 Hazard Area
46181 Slow No Wake 46188 Idle Speed
46182 No Swimming 46191 Danger Keep Out

Picture of Orange/White without chosen label:





SUR-MARK MARKER BUOYS

- Internal concrete ballast helps buoy remain stable during inclement weather conditions
- Tough, UV-protected polyethylene stands up to the rugged marine elements
- One-piece seamless construction is filled with closed cell foam to positively displace water
- Galvanized, recessed eye (chain and hardware not included)
- Labels and LED warning lights sold separately



46103



46104



950400



950410

Part #	Style	Color	Height	Column Diameter	Base Diameter	Approximate Buoyancy	Water Line Visibility
46103*	Sur-Mark marker buoy	White	61"	8"	--	40 lbs.	37"
46104*	Sur-Mark marker buoy	White	49"	10"	18"	40 lbs.	39"
950400	Sur-Mark can buoy (port side)	Green	49"	10"	18"	40 lbs.	39"
950410	Sur-Mark can nun (starboard side)	Red	49"	10"	18"	40 lbs.	39"

* Orange marking tape included. Labels sold separately.

SUR-MARK BUOY LABELS

- Self-adhesive vinyl is fade-resistant and brightly colored for high visibility day and night
- Each label is 13" wide x 24" long
- Compatible with either Sur-Mark marker buoys (#46103, #46104)
- Includes two labels per package
- Five-year warranty against weathering or fading

Part #	Style
46171	Shallow area
46173	No boats
46175	Keep out
46180	Slow 5 MPH
46181	Slow no wake
46182	No swimming
46183	Danger
46184	Danger rocks
46185	Swim area
46187	Hazard area
46188	Idle speed
46191	Danger keep out



Peterson and Vandenberg Environmental is not liable for activities associated with this drawing.







Bathymetry data is sourced from others.

Dam to 96 Bridges

H1: (1) Orange caution buoy - submerged stumps

H2: (1) Orange caution buoy - submerged house foundation

H3: (1) Orange caution buoy - surface stump

- Legend**
-  Floating Buoys
 - Surveyed Depths (ft)**
 -  -22.7 - -13.4
 -  -13.4 - -10.3
 -  -10.3 - -7.7
 -  -7.7 - -5.2
 -  -5.2 - -1.6



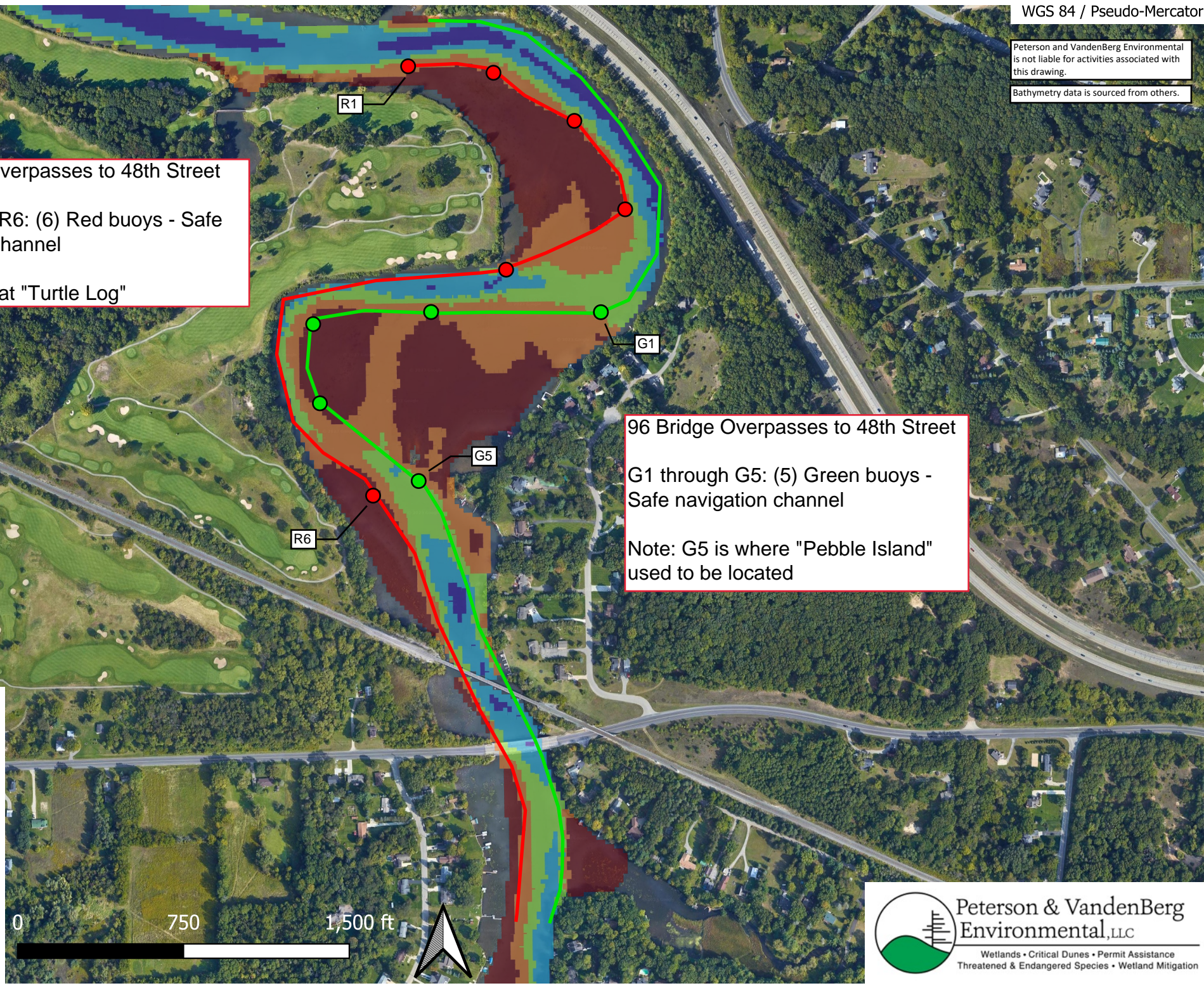
Peterson and Vandenberg Environmental is not liable for activities associated with this drawing.

Bathymetry data is sourced from others.

96 Bridge Overpasses to 48th Street
R1 through R6: (6) Red buoys - Safe navigation channel
Note: R6 is at "Turtle Log"

96 Bridge Overpasses to 48th Street
G1 through G5: (5) Green buoys - Safe navigation channel
Note: G5 is where "Pebble Island" used to be located

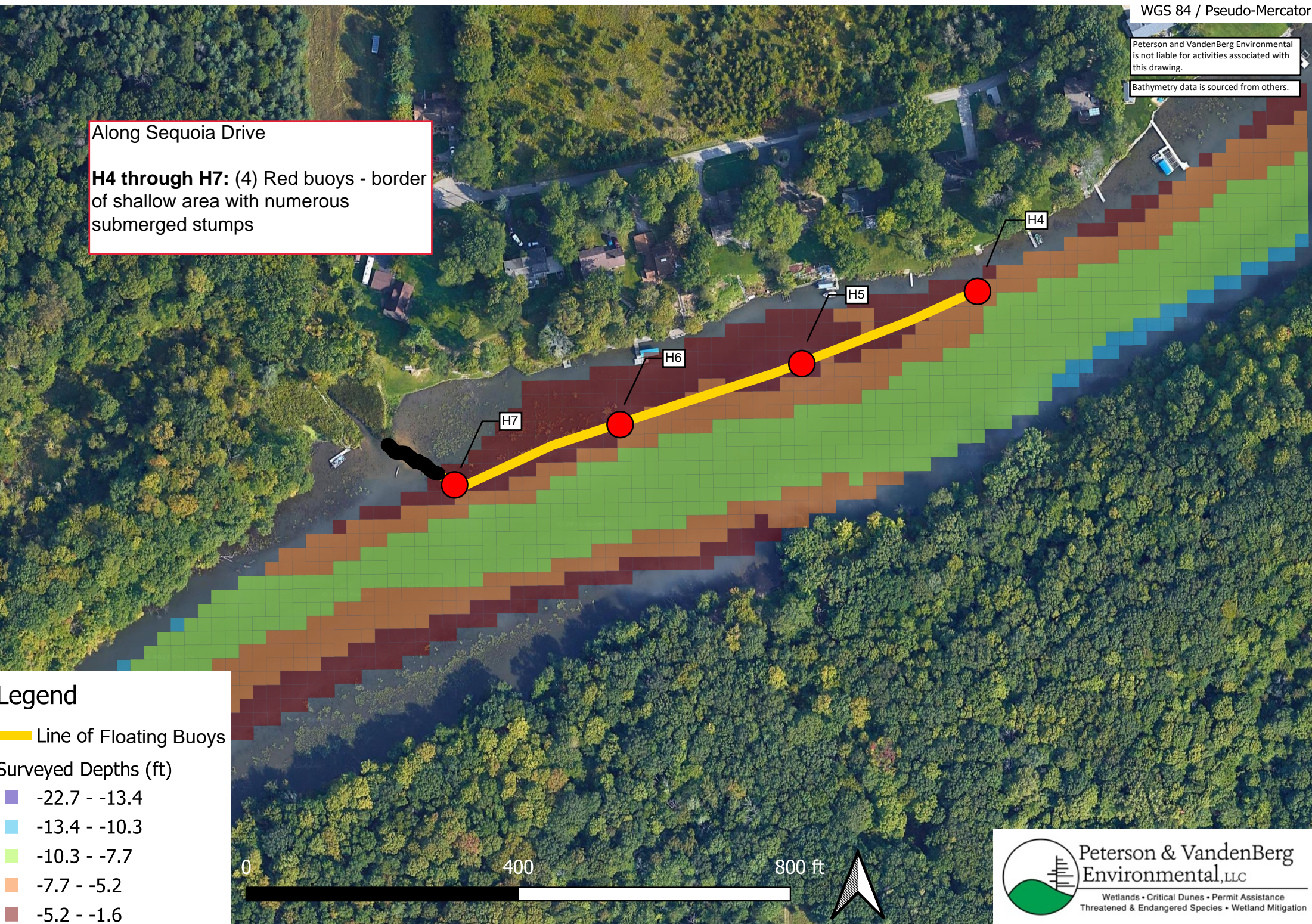
- Legend**
- Red Buoy
 - Green Buoy
- Surveyed Depths (ft)**
- -22.7 - -13.4
 - -13.4 - -10.3
 - -10.3 - -7.7
 - -7.7 - -5.2
 - -5.2 - -1.6



Peterson and Vandenberg Environmental is not liable for activities associated with this drawing.

Bathymetry data is sourced from others.

Along Sequoia Drive
H4 through H7: (4) Red buoys - border of shallow area with numerous submerged stumps



Legend

Line of Floating Buoys

Surveyed Depths (ft)

- 22.7 - -13.4
- 13.4 - -10.3
- 10.3 - -7.7
- 7.7 - -5.2
- 5.2 - -1.6

Peterson and Vandenberg Environmental is not liable for activities associated with this drawing.







Bathymetry data is sourced from others.

Kilmer Drive

H8: (1) Orange caution buoy - submerged rock and end of deeper-water navigation

H8

Legend

-  Floating Buoys
- Surveyed Depths (ft)
-  -22.7 - -13.4
-  -13.4 - -10.3
-  -10.3 - -7.7
-  -7.7 - -5.2
-  -5.2 - -1.6





**VIKING
MARINE
CONSTRUCTION**
616-294-3597

SITE WORK AGREEMENT

This Site Work Agreement (the "Agreement") is between Viking Marine Construction LLC ("VMC"), a Michigan limited liability company, and Cascade Township ("Customer"), whose address is 5920 Tahoe Drive SE Grand Rapids MI 49546. This Agreement is effective on the date last signed by both parties.

Job Site Location: Thornapple River

VMC agrees to provide all services and materials as set forth below:

- Phase 1: Acquire necessary permits to perform work – Complete.
 - Phase 2: Conduct, process, and review hydrographic survey – Complete.
 - Phase 3: Purchase, assemble, quality control check 19 buoys (river markings – see map), and place buoys in designated area, based off approval from TRSAD in reference to the hydrographic survey – Pending. For buoy specifics, please see attached updated proposal.
 - Phase 4: Staging site Cleanup – Pending.
- Phase 1 and Phase 2 cost: \$13,258.68 (Complete).
 Phase 3 and Phase 4 cost: \$31,631.22 (Pending).
 Project Total Cost: \$44,889.90

Services and materials not specifically set forth above as the responsibility of VMC (the "Work") are the responsibility of the Customer. All Customer Responsibilities shall be performed by the Customer or its agents, at the Customer's expense and in a timely fashion so as to not delay the work of VMC. Customer shall provide VMC with a safe and reasonably maintained on-site work area and access to facilities and records necessary for VMC to perform the Work.

Customer shall pay VMC the Contract Price as follows: (i) a Deposit of \$20,000.00 upon signing this Agreement; (ii) final payment shall be due upon Substantial Completion.

THIS AGREEMENT INCLUDES THE STANDARD TERMS AND CONDITIONS PRINTED ON THE NEXT PAGE. CUSTOMER SHOULD READ THESE PROVISIONS BEFORE SIGNING THIS AGREEMENT. CUSTOMER'S SIGNATURE ON THIS AGREEMENT IS CUSTOMER'S ACKNOWLEDGMENT THAT CUSTOMER HAS READ AND UNDERSTOOD BOTH THE SPECIFIC AND STANDARD PROVISIONS.

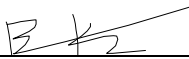
CUSTOMER:

VMC:

(Signature)

Viking Marine Construction LLC

(Print Name)

By 

Barry R. King, Managing Member

(Signature)

Dated: March 11th, 2024

(Print Name)

Dated: _____

Customer's Address & Telephone / Fax / Email:

Viking Marine Construction's Address & Telephone:

5920 Tahoe Drive SE Grand Rapids MI 49546

6223 140th Avenue

(616)949-1500 mmanion@cascadetwp.com

Holland, MI 49423

jsmith@cascadetwp.com

(616) 294-3597

STANDARD TERMS AND CONDITIONS

1. **Customer Requirements.** Customer, in addition to the other duties and obligations required of Customer under this Agreement, shall:
 - (a) furnish information to VMC and, when requested, prepare, record with the register of deeds, and post on the Job Site a Notice of Commencement;
 - (b) promptly respond to questions and issues raised by VMC regarding the Work, including, but not limited to, selection of allowance items, materials, and colors required during the construction process;
 - (c) execute all necessary applications required to obtain any and all permits and bonds and pay any administrative fees relating to any hearings conducted by architectural review boards, planning commissions, or zoning boards; VMC's attendance at such hearings may constitute an addition to VMC's scope of Work and shall be confirmed by a written change order setting forth the extra cost before attendance at the hearing; and
 - (d) if requested, obtain an analysis and certification from a qualified third-party contractor of its choosing that the Site's foundation is suitable for the Work proposed in the Plan.
2. **Start of Construction.** VMC shall begin the Work within a reasonable time after the Customer has paid any required deposits, and provided VMC with the documents and information required by this Agreement.

VMC shall complete the Work as soon as commercially practical. The Customer agrees to complete and sign all governmental applications as may be required of the owner of the Job Site. VMC shall not be responsible for delays due to changes in the Work at the request of Customer, the failure of the Customer to pay amounts when due, the failure of the Customers to perform their obligations under this Agreement or for Unavoidable Consequences as described in this Agreement.
3. **Changes.** The Plans can be changed only upon the written agreement of the Customer and VMC, and any change must be set forth in a written Change Order signed by both parties. Any modifications to the Work by a Change Order constitute Changes. The Contract Price shall be adjusted to reflect any Changes. If Changes increase the Contract Price, the Customer shall pay the increase in advance upon signing the Change Order, or make other acceptable payment and deposit arrangements with VMC. VMC is not obligated to perform the Work or purchase materials needed because of Changes until a Change Order has been signed. If this Agreement is signed by Customer as spouse and spouse, any Change Order approved by either spouse individually shall be binding on both if accepted by VMC.
4. **Payment.**
 - (a) All payments are due and payable to VMC at its office in Holland, Michigan no later than 30 days after the Invoice Date.
 - (b) Customer will be conclusively deemed to have accepted and agreed to any invoice from VMC (including but not limited to the price, quantity, quality, and description of the services as stated on the invoice and any and all terms, provisions, conditions, agreements, representations and warranties on the invoices), unless VMC receives written objection to the invoice from Customer within 7 days after the date the invoice is sent to Customer.
 - (c) If payment is not made when due, or if Customer otherwise violates this agreement, Customer will pay VMC interest at the rate of 1.5% per month on the amount due. Customer agrees to pay all costs of collection incurred by VMC to collect the amounts owing, including, but not limited to, actual attorney fees.
5. **Substantial Completion.** "Substantial Completion" is defined as the date when the renovations are sufficiently complete to allow reasonable use and occupancy. VMC shall provide written notice to Customer of Substantial Completion.
6. **Supervision of Work.** Except for architects hired by Customer, the direction and supervision of workers constructing renovations to the Site, including subcontractors, rests exclusively with VMC, and the Customer shall not issue any instructions to, or otherwise interfere with, the workers. In addition, the Customer shall not negotiate for additional work with VMC's subcontractors or engage other subcontractors, except with VMC's written consent. VMC's consent may be withheld or granted on whatever conditions VMC thinks advisable.
7. **Customer's Agents.** All architects, landscapers or other property services hired by Customer are considered to be Customer's agents and VMC may rely on the representations, statements, revisions and approvals made by such agents related to the performance of this Agreement. All costs of and resulting from the Customer's agents are costs that the Customer agrees to pay or reimburse to VMC.
8. **Utilities & Reimbursement.** The Customer shall reimburse VMC for all costs VMC incurs in procuring special permits, surveys, and culvert installations, and for all utility hook-up and utility use charges incurred during performance of the Work.
9. **Vibration.** It is possible that the Work will involve the use of a vibration hammer. VMC is not responsible for damage to existing improvements or utilities caused by vibration. Customer expressly assumes liability for any incident or damage caused by vibrations, and will indemnify and hold VMC harmless for such potential damages.
10. **Temporary Installations.** It is possible that the Work will involve the temporary installation of steel sheeting or other earth retention apparatuses which will be removed at the completion of the Work. Such materials shall remain the property of VMC. If the Customer desires that any such materials remain in place permanently, the Customer may purchase such materials from VMC.
11. **Force Majeure / Unavoidable Consequences.** VMC shall not be liable for any delay, damage, loss, cost, expense or failure to perform any part of this Agreement as a result of: (a) any damage to the Job Site or improvements constructed on the premises; (b) any fire, flood, storm, high winds, act of God, governmental regulation or decree, health pandemic, revolution, war, riot, civil disorder, vandalism, act of enemies, strike, labor dispute, including a dispute among or between unions, any act of any sovereign nation or political subdivision, including all agencies, bureaus, departments, and representatives; (c) acts or omissions of the Customer; (d) delays of any third party supplier of materials or components for the Site such as cabinets, millwork, etc.; or (e) any other cause not within the control of VMC. In the event that the work of VMC is prevented under any Court Order or other public authority for a period of 30 days through no fault of VMC, then VMC may terminate this Agreement and recover from the Customer payment for all work executed and any losses sustained by VMC and such reasonable profit that VMC might have derived if the work been completed.

The customer has been notified that the scope of the project and location, all work will be 'weather dependent'. The acting Captain of the plant will make all decisions based on safety with regards to the marine forecasts.
12. **Default & Remedies.** If the Customer breaches its obligations under this Agreement before VMC commences work, all deposits paid hereunder shall be retained by VMC as liquidated damages, or, alternatively, VMC may retain said amount as a credit against compensatory damages and pursue all remedies available at law or in equity. If the Customer fails to make any payment as required by this Agreement after VMC commences work, VMC may stop the Work until the Customer has paid all past due amounts plus interest. If the payment default or any other default has not been cured within 30 days after written notice to the Customer, VMC may terminate this Agreement and recover from the Customer payment for all work executed and any losses sustained by VMC and such reasonable profit that VMC might have derived if the work been completed. The parties to this

Agreement expressly agree that all costs, including attorney's fees (actual, not limited to statutory), expended by VMC to collect from the Customer following a payment default shall be added to the amounts owed and recoverable by VMC.

In addition, if a payment default or any other default has not been cured within 60 days after written notice to the Customer, the Customer shall forfeit all remaining warranties under the Limited Warranty, and the duration of the Limited Warranty shall promptly terminate.

13. **Limited Warranty.** All Work performed under this Agreement is provided pursuant to VMC's standard form of express *Limited Warranty*. VMC specifically disclaims all other warranties.
14. **Hold Harmless.** Customer shall indemnify, defend and hold VMC harmless from all claims, damages, judgments and costs, including attorney's fees, resulting from any injury or alleged injury to person or property occurring at the Customer's place of business or on its property, unless caused by the negligence of VMC, its employees or agents.
15. **VMC's Marketing Rights.** During the Work and for a period of three (3) weeks following Substantial Completion, VMC shall be permitted to prominently display a yard sign advertising VMC's services in the Customer's front yard. VMC shall also be granted permission to take pictures of the Work and display the pictures on its website, for marketing purposes. VMC shall not identify the Customer's name or address without the Customer's advance written consent.
16. **Miscellaneous.**
 - (a) **Entire Agreement.** This Agreement contains the entire agreement of the parties concerning the Work. In the event of a conflict between the plans and the specifications, the most recent agreed upon revision, if any, of the specifications shall govern. All prior agreements, written or oral, are superseded by this Agreement and all negotiations are merged in this Agreement. This Agreement may be modified only by a subsequent written document signed by the parties.
 - (b) **Binding Effect.** This Agreement shall bind and benefit the parties and their successors, heirs, representatives, and permitted assigns.
 - (c) **Severability.** Should any one or more of the provisions of this Agreement be determined to be invalid, unlawful, or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not in any way be impaired or affected.
 - (d) **Assignment.** This Agreement may not be assigned, in whole or in part, by either party without written consent from the other party. Provided, VMC may delegate all or part of its obligations to perform services under this Agreement to subcontractors that VMC, in its sole discretion, deems appropriate.
 - (e) **Applicable Law.** This Agreement shall be governed by and interpreted in accordance with the laws of the State of Michigan. Venue shall be in Ottawa County, Michigan.
 - (f) **Waiver.** No waiver by any party of any provision of this Agreement shall constitute a waiver by such party of such provision on any other occasion or a waiver by such party of any other provision of this Agreement.



6223 140th Avenue Holland, MI 49423 | (616)294-3597 | vikingmarineco@yahoo.com

April 21, 2023

Ben Swayze
Township Manager
5920 Tahoe Dr. SE
Grand Rapids, MI 49546

Mr. Swayze,

Below you will find our proposal for FY2023 Thornapple River Safety & Navigation Marking Plan.

4.1 Business Organization

Viking Marine Construction LLC
6223 140th Avenue
Holland, Michigan – 49423
(616) 294-3597 | www.vikingmarineco.com

4.2 Executive Summary

At Viking Marine Construction, our key personnel has over 80 years of experience in the Marine Construction Industry. Our President and Vice President account for 34+ years of experience, alone. Daily, we deal with Dredging, Dock/Pier installation, steel and rock sea walls, Pilings, Crane Services, Custom Fabrication, and several other aspects in the Marine Construction Industry. Our President and Vice President have personally been responsible for surveying, installing and/or, relocating channel markers on the Illinois Waterway for the United States Army Corps of Engineers and the United States Coast Guard. The Illinois Waterway is a Federal Navigable Channel. This job was performed under a different corporation, but personnel remains the same.

4.3 Project Proposal – Please see attachments/images at the end of this proposal.

Phase I:

Our plan will first consist of applying for all applicable permits. We use a 3rd party company for our permitting process. That company is Peterson & VandenBerg located in Spring Lake,



6223 140th Avenue Holland, MI 49423 | (616)294-3597 | vikingmarineco@yahoo.com

Michigan. We have used Zach VandenBerg for all our permitting processes since establishing the company. Duration – approximately 90-180 days.

Phase II:

A Hydrographic Survey of the entire Navigable Channel of the Thornapple River within the project scope. – **See Figure 1. Duration – Two days.**

Phase III:

Installation of channel markers and orange caution markers. We will use a small barge like work boat to place the channel markers in the water, a mini excavator on shore to load them onto the small barge, and four (4) crew members on the barge to place them in the water. By using smaller equipment and more personnel, we eliminate the challenges of navigation under the extremely low railroad bridge. – **See Figure 2.**

Process:

We will offload a mini excavator on tracks from a gooseneck trailer at the Maricaibo Shores private boat launch. We will then back a trailer full of the assembled channel markers down to the mini excavator and use it to load them onto the barge/workboat. Upon loading the channel markers, the barge will follow the survey boat out to proper locations and place them in the water. The survey boat will be loaded with target files based off the hydrographic survey which will designate the proper area to place the channel markers in the water. We will then mark all designated caution areas with the orange and white “danger” buoys. The Buoys will be held in place with 5/16” marine grade chains and 150-pound blocks of concrete. **Duration - 1-2 days.**

Phase IV:

Remove all equipment from the area and clean the proposed staging location (Maricaibo Shores). **Duration – 1 day. Completion date unknown due to permitting process. Proposed completion by September 15th, 2023, or sooner, permit dependent.**

4.4 Project Staffing

Vice President – Jeremy Burch – Project Management, Engineering, and on-site instruction and supervision.

Four (4) employees who can not be designated at this time.

The employees will include an equipment operator, a boatman, and 2 deckhands.



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4.5 Pricing Methodology

Engineering, consultation, and permitting:

Includes: Applying for permitting and costs, performing hydrographic surveying – processing of survey – engineering controls for the placement of the channel markers and caution buoys.

Cost: \$13,258.68

Materials, mobilization and demobilization of equipment, performing work/labor:

Cost: \$31,631.22

Total Cost: \$ 44,889.90

4.6 Authorized Negotiations

Barry King – President (616) 886-0245

Jeremy Burch – Vice President (251) 363-9791

4.7 References

Chris Reger – United States Army Corps of Engineers – Rock Island District, Rock Island, Illinois. (309) 737-5485. Chris.A.Reger@usace.army.mil

Channel marker placement was included in the Dredging portion of the Illinois River over a 5-year contract. Total Cost – \$28,000,000.00

Dean King – Founder of The King Company – (616) 836-1047

Ben Burnham – Former Vice President of The King Company (616) 566-7743

bdb1211@me.com



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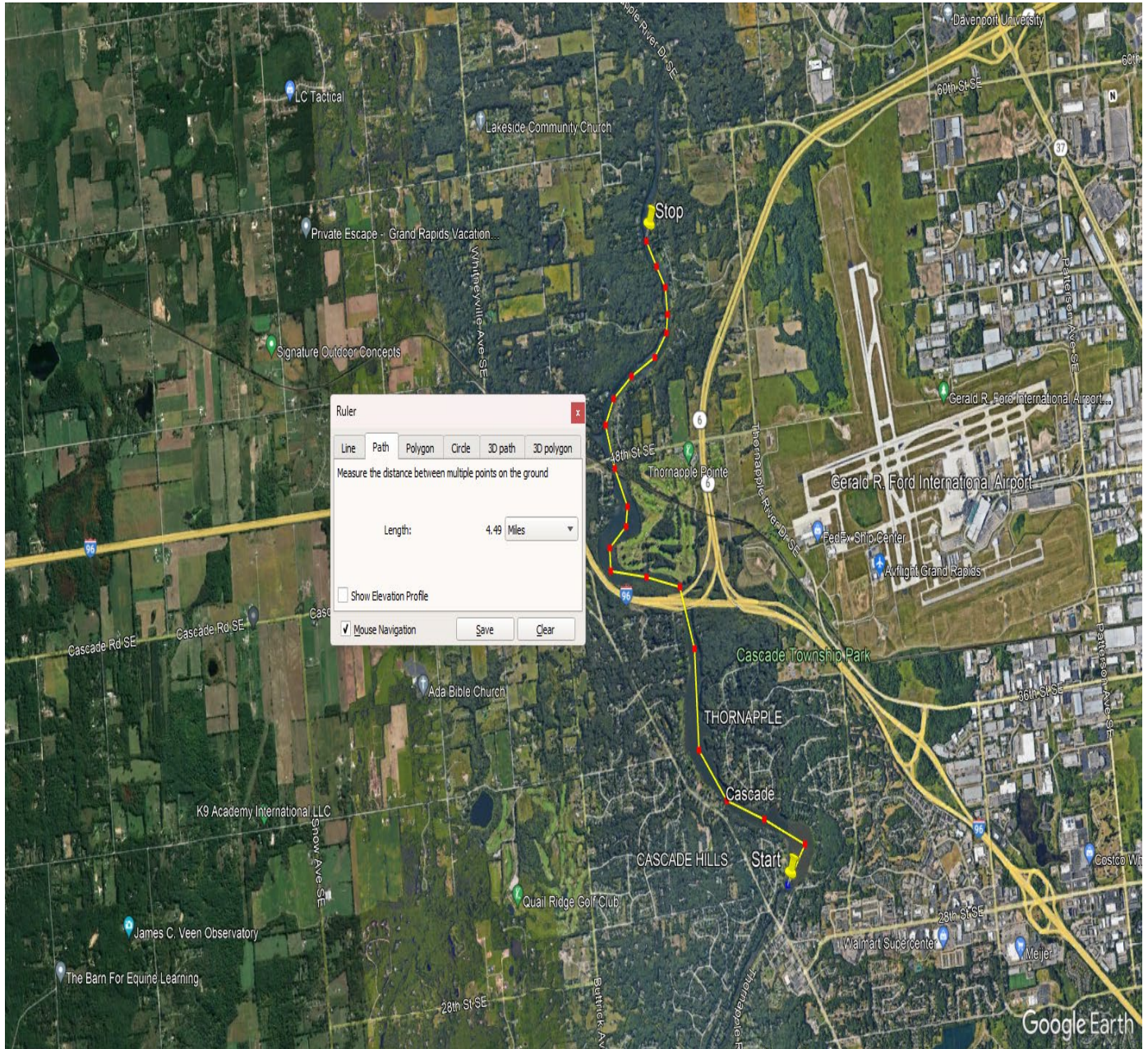


Figure 1.



6223 140th Avenue Holland, MI 49423 | (616)294-3597 | vikingmarineco@yahoo.com



Figure 2.



6223 140th Avenue Holland, MI 49423 | (616)294-3597 | vikingmarineco@yahoo.com



950400



950410

Channel Markers to be used.



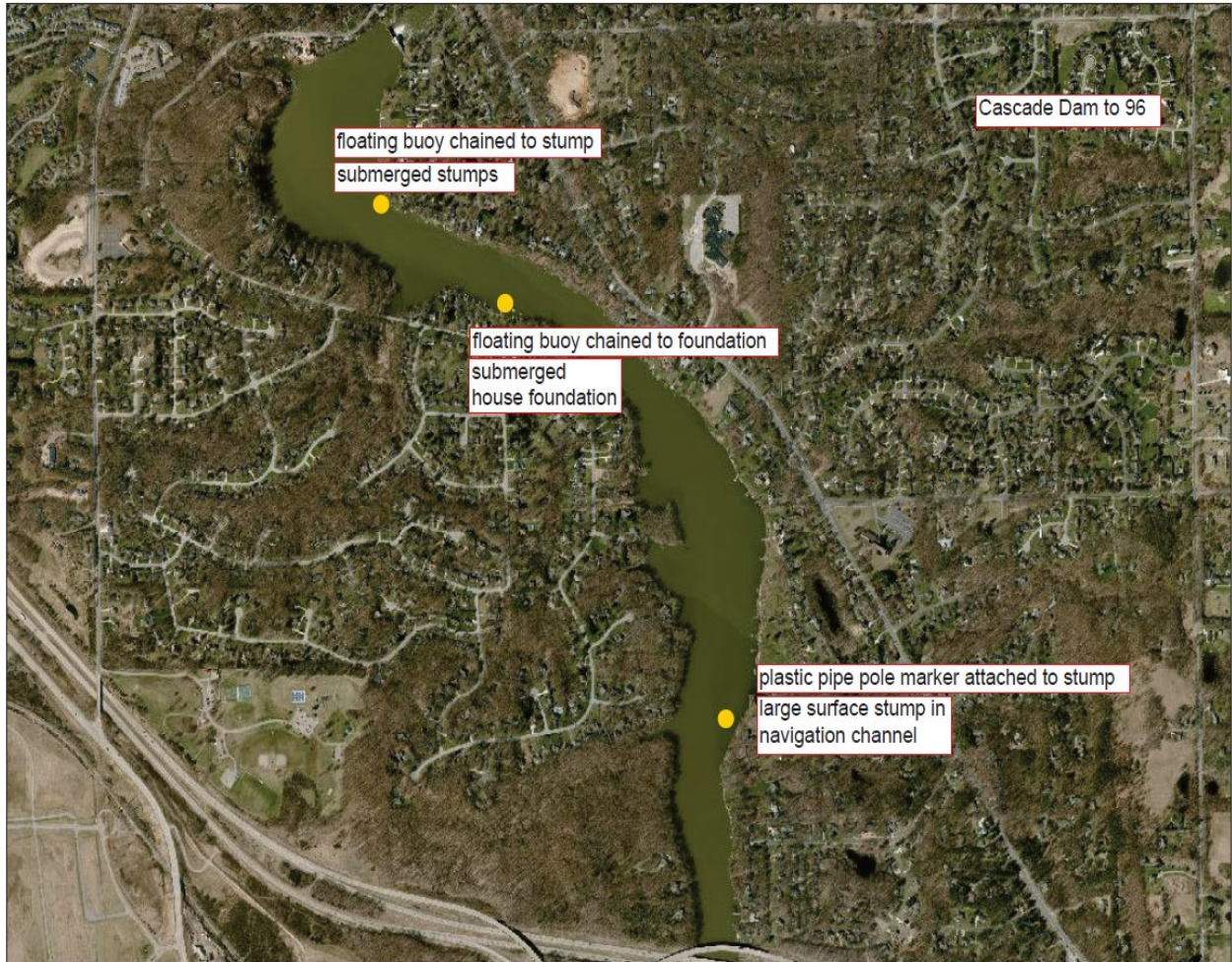
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Caution buoys to be used, or similar.



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Danger Buoy Location 1.



6223 140th Avenue Holland, MI 49423 | (616)294-3597 | vikingmarineco@yahoo.com



Danger Buoy Location 2.



6223 140th Avenue Holland, MI 49423 | (616)294-3597 | vikingmarineco@yahoo.com



Danger Buoy Location 3.

With any questions, please contact:

Jeremy Burch
Vice President
Viking Marine Construction
(251) 363-9791 | jeremyb@vikingmarineco.com



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION

MEETING DATE: April 10, 2024

Village Design Review Board Appointments

PRESENTER: Grace Lesperance, Township Supervisor

INDIVIDUAL PRESENT: Andrea Hendrick, Community Planning and Development Director

EXECUTIVE SUMMARY: Chapter 8 of the Cascade Township Zoning Ordinance covers the B-1 Village Business District and Section 8.09 provides for the Village Design Review Committee as follows: “The Village Design Review Committee (VDRC) is a Township Board appointed committee made up of 5 Cascade Township citizens. The VDRC shall be made up of at least one member of the Township Board, Planning Commission, DDA, and Zoning Board of Appeals.”

The purpose of the VDRC is to review proposed variations of the design requirements included in Section 8.08 of the Zoning Ordinance, but a lack of requested exceptions to developments within the B-1 Village Business Zoning District has led yearly committee meetings to be infrequent. In the past, committees and commissions have made recommendations to the board as to which of their members they would like to nominate to the VDRC but, as this is a Township Board appointed committee, the Township Board must officially appoint candidates and are not required to take the committee’s nominations. This year, the following individuals have been nominated:

- Township Board: Supervisor Grace Lesperance
- Planning Commission: Member Alan Rowland
- DDA: Member Scott Preston

- Zoning Board of Appeals: Member Lou Berra
- Citizen: Township Board Treasurer Wendy Korstange

STRATEGIC PLANS/GOALS: Priority 3, Task 3: Enhance and strengthen the B-1, Village Business District (or another district chosen to implement the Lower Village vision) provisions to include high-quality building and architectural and use standards considering: permitted uses and special land uses, minimum/maximum parking requirements (including electric vehicles), allowable building types and corresponding schedule of regulations, landscaping and lighting, outdoor dining.

ACTION REQUESTED: Approve the Village Design Review Board Appointments as listed.

BUDGET IMPLICATIONS: None

DIRECTOR'S RECOMMENDATION: Approval

MANAGER'S RECOMMENDATION: Approval

ACTION: Appoint Supervisor Grace Lesperance, Planning Commissioner Alan Rowland, DDA Member Scott Preston, ZBA Member Lou Berra, and Treasurer Wendy Korstange to the Village Design Review Board.

ATTACHMENTS: Chapter 8, Sections 8.08-8.11 of the Cascade Charter Township Zoning Ordinance

CHAPTER 8

B-1 Village Business District

construction such that the \$60,000 threshold is avoided).

Section 8.09 The Village Design Review Committee:

The Village Design Review Committee (VDRC) is a Township Board appointed committee made up of 5 Cascade Township citizens. The VDRC shall be made up of at least one member of the Township Board, Planning Commission, DDA and Zoning Board of Appeals.

The purpose of the VDRC is to foster a working partnership between property owners, developer and the Township in achieving the objectives/intent of the B-1 zoning district. This committee may recommend to the Planning Commission departures from section 8.08 of this chapter of the Zoning Ordinance, which may, on occasion, work against the overall objectives of this chapter. When considering a variation which has been recommended by the VDRC, the Planning Commission shall consider the following: the impact the modification has on future and existing development; the benefit to the community the modification will have; and the public purpose to be served by permitting the modification.

Section 8.10 Village Design Review Committee Procedure:

The applicant shall submit at least 6 copies of the site plan together with all other related detail showing what items he/she would like to be considered for a modification from Section 8.08 of this chapter. Scaled building elevations shall be provided depicting all sides of the building. At the request of the VDRC, or when the building height is in excess of twenty five (25) feet, the applicant shall provide a 3D photo simulation or similar graphic representation in AutoCAD, or similar software, and of accurate scale and dimension, using the most recent topographic survey establishing base elevations, that depicts building height and the relationship of proposed structures to existing or proposed structures on site and those within three hundred (300) feet of the planned unit development.

Once an applicant has submitted a complete application for review The Township Planner shall call a meeting of the VDRC within 10 days. The VDRC shall consider the application and give its recommendation to the Planning Commission or Township Board at this meeting.

Although project review by the VDRC is mandatory for all projects that are requesting modifications from Section 8.08 of this chapter, compliance with the recommendations is voluntary.

A quorum shall consist of three members of the VDRC and is required to render a recommendation. A concurring vote of three members of the VDRC is required to render any recommendation to the Planning Commission or Township Board. The Township Planner shall communicate to the Planning Commission or Township Board and applicant the recommendations of the VDRC.

Section 8.11 Site Plan Review:

A site plan shall be required for all uses permitted in this zoning district according to the requirements of Chapter 21 of this Ordinance.



Definitions
General Provisions
Development Review

Zoning Districts
Special Uses
Planned Unit Development

Height, Area, & Placement
Parking & Access
Landscaping