

**AGENDA**  
**CASCADE CHARTER TOWNSHIP**  
**REGULAR BOARD MEETING**

Wednesday, February 14, 2018

7:00 P.M.

Cascade Branch of the Kent District Library, Wisner Center  
2870 Jacksmith, S.E.

**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**
- 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 Various Meeting Minutes
    1. Regular Township Board Minutes for 01/24/18.
    2. Planning Commission Minutes for 01/15/18.
  - b. Receive and File Reports
    1. Building Department January Report.
    2. Kent County Sherriff Department Report – 4<sup>th</sup> Quarter 2017
    3. Treasurer Report re: Bank Depositories
  - c. Receive and File Communication
    1. Comcast Internet Gigabit Service
- Article 7. Financial Actions**
- a. Consider Pay Application #4 and #5 from FTC&H re: Township Hall Renovations
- Article 8. Unfinished Business**
- Article 9. New Business**
- 004-2018**
- a. **Public Hearing – Sign Ordinance Amendments**
  - b. **Consider approval to Amend Certain Portions of the Cascade Charter Township Sign Ordinance. (roll call)**

- 005-2018** Consider Approval of Special Use Permit to Allow River Association Members to Launch and Retrieve Boats at 7238 Cascade Rd.
- 006-2018** Consider Approval of Resolution for Road Closures for the 4<sup>th</sup> of July Celebration. (roll call)
- 007-2018** Consider Approval of 2018 4<sup>th</sup> of July Celebration Contract with Funny Business
- 008-2018** Consider Approval of the Wisner Center Audio & Controller System Upgrade Project

**Article 10.** Public Comments – Any comments...whether it is on the Agenda or not. (limit comments to 3 minutes)

**Article 11.** Manager Comments

**Article 12.** Board Member Comments

**Article 13.** Adjournment

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

Wednesday, January 24, 2018  
7:00 P.M.

- Article 1.** Supervisor Beahan called the meeting to order.  
Present: Supervisor Beahan, Clerk Slater, Treasurer Peirce, Trustee Koessel,  
Lewis, McDonald and Shipley.  
Absent: None  
Also Present: Manager Swayze, Chief Magers and those listed in Supplement  
#1.
- Article 2.** Supervisor Beahan led the Pledge of Allegiance to the Flag.
- Article 3.** Motion was made by Trustee Lewis and supported by Trustee McDonald to  
approve the Agenda as presented. Motion carried unanimously.
- Article 4. Presentations**
- 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 Various Meeting Minutes  
1. Regular Township Board Minutes for 01/10/18.  
2. Planning Commission Minutes for 12/18/17.  
b. Education Requests  
1. Ben Swayze – Michigan Municipal Executives 2018 Winter  
Institute – January 30 – February 2, 2018 – Ann Arbor, MI.  
Motion was made by Trustee Shipley and supported by Trustee Koessel to  
approve the Consent Agenda as presented. Motion carried unanimously.
- Article 7. Financial Actions**  
**a. Consider Approval of December, 2017 Payroll, Payables and  
Transfers.**  
Motion was made by Trustee Shipley and supported by Trustee Lewis to  
approve the December, 2017 Payroll, Payables and Transfers. Motion  
carried unanimously.
- Article 8. Unfinished Business**
- Article 9. New Business**  
**001-2018 Consider Approval of Bid for Roof at Cascade Burton Park.**  
Manager Swayze reviewed the project with the Board. Motion  
was made by Trustee Koessel and supported by Trustee Shipley  
to approve the project to Dan Vos Construction at the cost of  
\$27,425.00. Motion carried unanimously.

**002-2018**      **Consider Approval of the METRO Act Right-of-Way Bilateral Permit, and authorize the Township Manager to execute the agreement on behalf of the Township.**  
Manager Swayze reviewed the request to the Board. Motion was made by Trustee McDonald and supported by Trustee Shipley to approve the METRO Act Right-of-Way Bilateral Permit, and authorize the Township Manager to execute the agreement on behalf of the Township. Motion carried unanimously.

**003-2018**      **Consider Approval of the Proposed Fire Department Command Structure and Staffing Plan.**  
Manager Swayze and Fire Chief Magers reviewed the recommendations to the Board. Motion was made by Trustee Koessel and supported by Trustee Shipley to approve the Fire Department Command Structure and Staffing Plan as presented. Motion carried unanimously.

**Article 10.      Public Comments – Any comments...whether it is on the Agenda or not. (limit comments to 3 minutes)**  
Kenneth Carey, 2929 Thornapple River Dr., addressed electronic speed signs and asked if we were still progressing on Michigan Redevelopment Ready Community. Manager Swayze responded the Township was still actively pursuing this.  
Deputy Ryan Roe was present to address the Board regarding issues within the Township.  
KDL Librarian Cutler was present to inform the Board she will be leaving her position as Branch Manager at Cascade Library.

**Article 11.      Manager Comments**  
Manager Swayze offered the following comments:

- At the end of this month, we will officially observe the retirement of Firefighter Brian Currier.
- The move for the Building Department is going well.
- We received a rating upgrade from Moody's.
- I wanted to thank Diane for her service to the community.

**Article 12.      Board Member Comments**  
Trustee Shipley offered the following comments:

- Thanked the resident for their attendance.
- Would like to see more articles about the Township from our PR people.

Trustee Koessel offered the following comments:

- Hall St. and Spaulding intersections seem to be timed much better.
- Was very impressed with Fire Chief Magers during the Committee meetings.

Treasurer Peirce offered the following comments:

- Echoed the comments of the Moody's rating.

Clerk Slater offered the following comments:

- Wanted to say thank you to Diane as well.
- There will not be an election in May. Forest Hills Public Schools is putting their issue on the November Ballot.
- All the changes with precinct lines and polling locations are finished and the Qualified Voter File is now updated.

Trustee Lewis offered the following comments:

- The month of February I will not be at the Board Meetings.

Trustee McDonald offered the following comments:

- What an honor it is to work with the “best of the best” in this Township.

Supervisor Beahan offered the following comments:

- Also commended Diane for doing an incredible job with the Library.
- Commented on the electronic speed sign also.
- Congratulated Ben for (5) years at the Township.

**Article 13. Adjournment**

Motion was made by Trustee Lewis and supported by Trustee McDonald to adjourn. Motion carried unanimously.

Meeting adjourned at 7:48 p.m.

Respectfully submitted,

Denise M. Biegalle  
Deputy Clerk

Approved by:

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Susan B. Slater, Clerk

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Robert S. Beahan, Supervisor

## MINUTES

Cascade Charter Township  
Planning Commission  
Monday, January 15, 2018  
7:00 P.M.

**ARTICLE 1.** Chairman Sperla called the meeting to order at 7:00 P.M.  
Members Present: Katsma, Johnson, Lewis, Noordyke, Pennington, Rissi, Robinson, and Williams  
Members Absent:  
Others Present: Community Development Director, Steve Peterson and those listed on the sign in sheet.

**ARTICLE 2. Pledge of Allegiance.**

**ARTICLE 3. Approve the current Agenda.**

**Motion was made by Member Noordyke to approve the Agenda. Supported by Member Robinson. Motion carried 9 to 0.**

**ARTICLE 4. Acknowledge visitors and those wishing to speak to non-agenda items.**

None.

**ARTICLE 5. Case #17-3425 West Bluffs Alpha Lima Ventures  
Public Hearing**

**Property Address: 3009 Thornhills SE**

**Requested Action:** The Applicant is requesting to amend the Centennial P.U.D. to allow for 9 additional residential units at the corner of Thornhills and Tahoe.

Director Peterson stated that Applicant is requesting Preliminary Plan approval to amend the Centennial Park P.U.D. to allow 9 more residential units, three buildings of three units each for a total of 9 new units. The size of each condominium is about 1,500-1,600 square feet.

This new amendment would bring the total amount of new residential units for the redevelopment of the golf course to 261 units. Sitting on 43 acres, this comes to about 6.06 units per acre. The property is zoned P.U.D. #39 Centennial Park and is Master Planned Community Residential. The community residential designation reflects the existing mixed use nature of the park. The site plan has been revised to comply with the 43 feet setback requirements off from Thornhills.

The project has been reviewed by the City of Grand Rapids relative to the current plan in regards to the pump station that services this development and has not expressed any issue with the requested changes. Curb cut location and new street name have been approved by the Kent County Road Commission ("KCRC").

An earlier traffic study report indicated that the existing roadways have the capacity to handle the redevelopment. The only improvement noted was to clear some vegetation looking North on Thornhills to help sight distance.

Both the Township Engineer and Fire Department have reviewed and approved the plan.

Director Peterson recommends approval of the plan. If approved, Staff will put together the P.U.D. ordinance amendments with the Applicant for Planning Commission review so they can make a recommendation to the Township Board.

Chairman Sperla invited the Applicant to come forward with any comments.

Mr. Rick Palasky of Nederveld came forward to expand on Director Peterson's comment with regards to the traffic study. He pointed out that the traffic study concluded that the existing roadways had the capacity to handle the previously planned daycare facility which would have had a higher volume of traffic than the project now planned. He then offered to answer any questions from the Planning Commission members. Only one question with regards to the name "Bluffs" was asked. Mr. Palasky noted that the name of the development came from a hill that was originally in the spot where the development would be placed.

**Motion was made by Member Rissi to open public hearing. Supported by Member Williams. Motion carried 9 to 0.**

No members of the public came forward to speak on this issue.

**Motion was made by Member Rissi to close public hearing. Supported by Member Robinson. Motion carried 9 to 0.**

**Motion was made by Member Noordyke to approve Applicant's request to amend the Centennial P.U.D. to allow for 9 additional residential units at the corner of Thornhills and Tahoe. Supported by Member Rissi. Motion carried 9 to 0.**

**ARTICLE 6. Case #17-3429 Thornapple Covenant Church**

**Property Address: 6595 Cascade Road S.E.**

**Requested Action:** The Applicant is requesting a Site Plan Review for an addition to the church.

Director Peterson stated that the Applicant is requesting site plan approval to construct a 10,500 sq. ft. building addition. The site plan was reviewed under the criteria of the R1 zoning district.

The building addition would be 35 feet tall as measured to average grade, with the rest of the site complying with zoning setback regulations. The addition will take up some of the parking on the site. This reduction in parking space would not be needed by the church as they have adequate parking without it. Using some of the parking lot will limit the storm water impact since the parking area is already captured for storm water

purposes. New lights will be installed. The initial plan showed the new lights over the existing light level and a new lighting plan will be required.

Both the Township Engineer and Fire Department has reviewed and approved the plan.

Director Peterson is recommending Site Plan Approval for the building addition subject to the condition that the lighting plan is revised.

Chairman Sperla invited the Applicant to come forward with any comments.

Mr. Steve Fridsma, architect, and Ms. Elaine Westhouse came forward. Mr. Fridsma gave a brief overview of the project. The addition will be a multi-use gathering space, gymnasium, meals and youth ministry meetings. There will be barrier free restrooms and an elevator for easy access between levels.

Ms. Westhouse spoke to the milling and repaving of the entire parking lot, storm water capture system, and landscaping plans. She also stated that a new lighting plan had been completed and will be given to Director Peterson.

A brief discussion followed primarily with regards to the lighting and storm water capture system.

**Motion was made by Member Pennington to approve the Site Plan for an addition to Thornapple Covenant Church located at 6595 Cascade Road SE, with the condition that a revised lighting plan be submitted. Supported by Member Johnson. Motion carried 9 to 0.**

**ARTICLE 7. Case #17-3428 Quail Ridge Golf Course**

**Property Address: 8375 36<sup>th</sup> Street**

**Requested Action:** The Applicant is requesting a Site Plan Review for a new building and tent to host weddings and other events.

Director Peterson stated that the Applicant is requesting site plan approval to construct a 2,500 sq. ft. building with 6,250 sq. ft. tent to host weddings and other events. The site plan was reviewed under the criteria of the P.U.D. zoning district.

The building would be about 17 feet tall and the tent details are not shown, but the plans indicate that the tent will not be taller than the building. The rest of the site complies with zoning for setback regulations. Although, Staff did find that the dumpsters on the site are not enclosed. That will need to take place before occupancy of the building will be permitted.

Discussions have taken place with the Kent County Health Department (“KCHD”) and they have indicated that the site has a few outstanding issues that will need to be addressed prior to any permits being issued.

The Fire Department has reviewed and approved the site plan.



The Township Engineer has reviewed and approved the site plan. The detention basin is sufficient to accommodate the new building, because the original clubhouse was planned to be much larger. However, this will be required to enter into the storm water agreement.

Director Peterson recommends approval of the Site Plan for the building and tent addition subject to the following conditions:

1. Submit elevation plans for the tent;
2. Provide approval from KCHD for septic and well on the site prior to issuance of building permit;
3. Enclose the existing dumpsters prior to occupancy permit;
4. Execute the storm water agreement prior to the building permit being issued.

Chairman Sperla invited Applicant to come forward to make any comments.

Mr. Robb Lamer of Exxel came forward on behalf of Applicant. He explained that the plan was to create an outdoor venue for weddings. The building will be small for a wedding party to use for dressing. The tent will be outside the small building with a concrete floor and a patio. The tent is planning to be permanent and not one which will be taken down and put back up as needed. Mr. Lamer touched on all of the conditions asked for by Director Peterson and stated all would be met.

**Motion was made by Member Robinson to approve the Site Plan for the building and tent addition subject to the conditions listed above by Director Peterson. Supported by Member Johnson. Motion carried 9 to 0.**

**ARTICLE 8. Case #17-3395 Restaurant Holdings LLC**

**Property Address: 5039 28<sup>th</sup> Street.**

**Requested Action:** The Applicant is requesting to rezone the property to a Planned Unit Development to allow two separate buildings.

Director Peterson stated that Applicant is requesting Preliminary Plan Approval in order to develop the site into two separate restaurants. This case was tabled at the December 18, 2017 meeting because several items which needed to be addressed. Namely, the signage plan, the lighting plan, a sidewalk on Northern Dr., a new curb cut on Northern Dr., and SAD agreement. All of these items have since been addressed, except the location of the new drive on Northern Drive, the ability to re-distribute some of the pylon signage and parcel size.

Director Peterson recommends the Preliminary Plan be approved with the condition that the Township Attorney review the Applicant's requested conditions of agreement to the SAD. If approved, Staff will put together the P.U.D. ordinance with the Applicant for Planning Commission review so they can then make a recommendation to the Township Board.

Chairman Sperla invited the Applicant to come forward with any comments.

Mr. Brian Sinnott came forward and gave a brief overview of each of what needed to be addressed at the last meeting. Applicant has revised their sign and lighting plans to comply the Township ordinances. They have added the sidewalk on Northern Drive and agreed to participate in the SAD agreement. They cannot, however, agree to remove the curb cut on Northern Drive. Mr. Sinnott stressed how very important that curb cut is to moving forward with this whole project.

Discussion followed primarily on a point which was raised at this time by Director Peterson. The sidewalk which Applicant agreed to put in is listed as 5 feet wide on the plan. In order for the Township to maintain that sidewalk, it would need to be 7 feet wide which is the standard width of sidewalks in the Township.

**Motion was made by Member Rissi to approve Applicant's request to rezone the property to a Planned Unit Development to allow two separate buildings with two conditions:**

- 1. The Township Attorney review requested conditions of agreement to the SAD; and**
- 2. Staff and Applicant come to a resolution on the width of the sidewalk.**

**Supported by Member Johnson. Motion carried 9 to 0.**

**ARTICLE 9. Any other business**

- Special Assessment District Information Q/A
- Regulatory Taking Review Q/A

**ARTICLE 10. Adjournment**

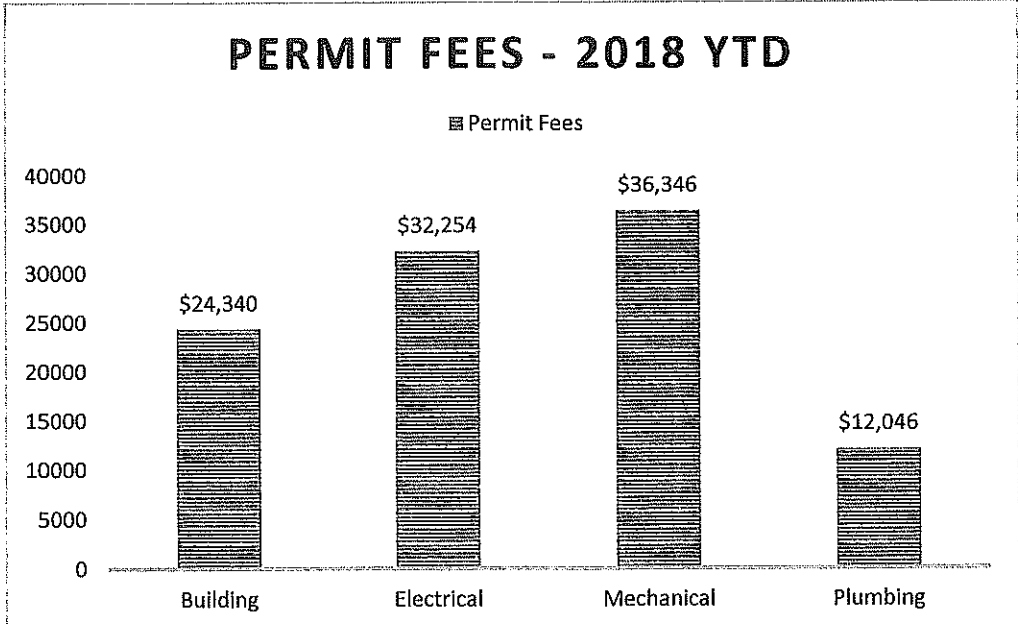
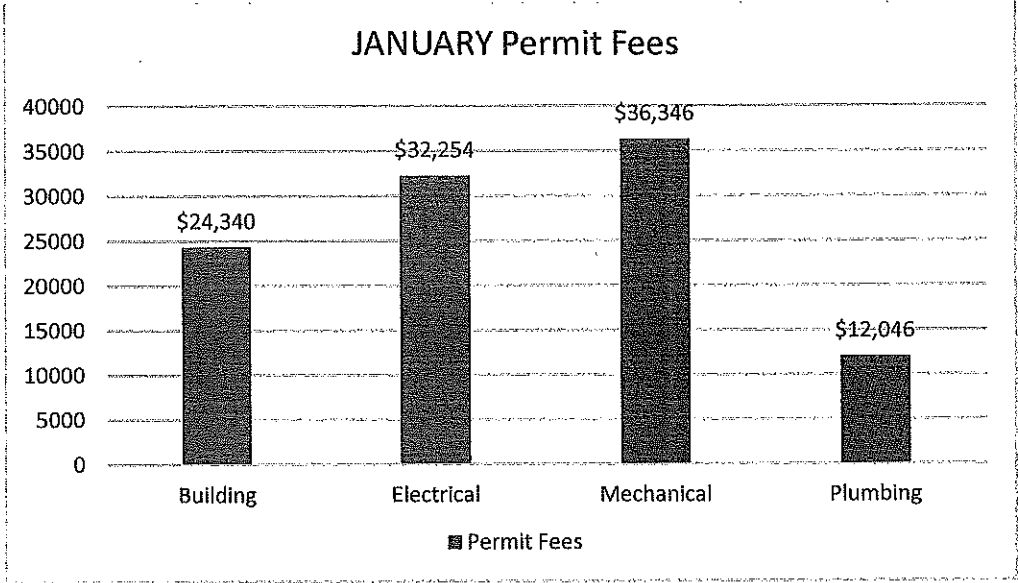
**Motion was made by Member Rissi to adjourn. Supported by Member Lewis. Motion carried 9 to 0. The meeting was adjourned at 8:35 p.m.**

Respectfully submitted,  
Phil Johnson, Secretary

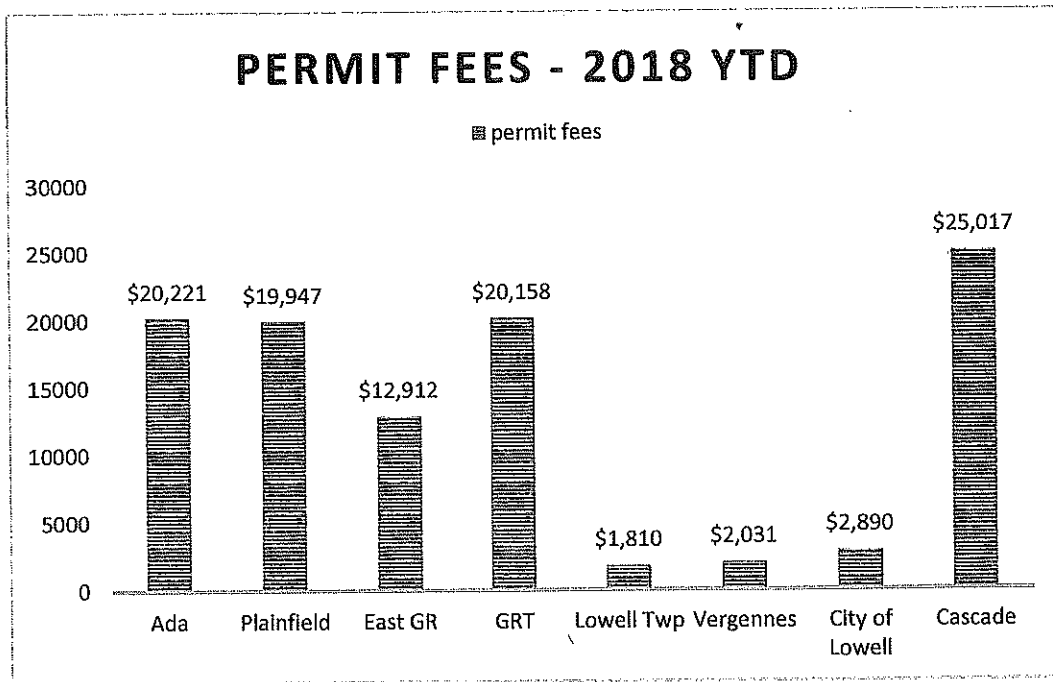
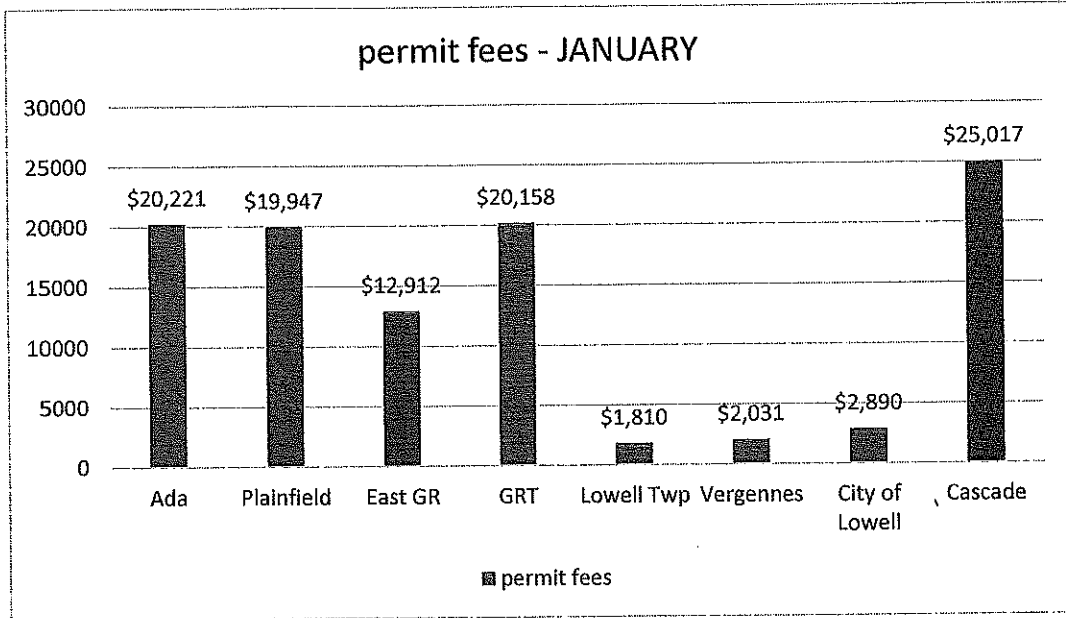
# Cascade Inspection Services

JANUARY 2018

## Permit Fees by Type



# Permit Fees by Municipality





	JAN	FEB	MARCH	APR	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
<b>Township</b>							2018						
Ada Twp	\$20,221.00												20,221.00
Permit Fees													-
Special Insp													-
Ada Total	\$20,221.00												20,221.00
Plainfield	\$19,947.25												\$19,947.25
Permit Fees													-
Special Insp													-
Plainfield Total	\$19,947.25												19,947.25
East Gr	\$12,912.00												12,912.00
Permit Fees													-
Special Insp													-
East Gr Tot	\$12,912.00												12,912.00
GR Twp	\$20,157.50												20,157.50
Permit Fees													-
Special Insp													-
GR Twp tot	\$20,157.50												20,157.50
Lowell Twp	\$1,810.00												1,810.00
Permit Fees													-
Special Insp													-
Lowell Tot	\$1,810.00												1,810.00
Vergennes	\$2,031.00												2,031.00
Permit Fees													-
Special Insp													-
Verg Total	\$2,031.00												2,031.00
City of Low	\$2,890.00												\$2,890.00
Permit Fees													-
Special Insp													-
L. City Tot	\$2,890.00												\$2,890.00
Subtotal	\$79,968.75												79,968.75
Cascade	\$25,017.00												25,017.00
Total w/ Cas	\$104,985.75												104,985.75
			2018 YTD	\$104,985.75			2017 YTD	\$ 123,228.00				DIFFERENCE	\$18,242.25
<b>GRAND TOTAL PERMIT FEE CHART</b>													

**CASCADE CONSOLIDATED FEES**

YEAR      2018

MONTH	Building Comm.	Building Residential	Electrical	Mechanical	Plumbing	TOTAL
JANUARY	\$400.00	\$2,583.00	\$12,791.00	\$6,745.00	\$2,498.00	\$25,017.00
FEBRUARY						
MARCH						
APRIL						
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
<b>YEAR END TOTAL</b>	\$400.00	\$2,583.00	\$12,791.00	\$6,745.00	\$2,498.00	\$25,017.00
<b>PERMIT # FOR MONTH</b>	4	12	29	54	24	123
<b>PREV PERMIT TOTAL</b>						
<b>PERMIT TOTAL FOR YR</b>	4	12	29	54	24	123
<b>YEAR TO DATE</b>	2018	\$25,017.00				
<b>YEAR TO DATE</b>	2017	\$40,467.00				
<b>UNDER</b>	\$15,450.00					

# CASCADE SINGLE FAMILY HOMES

	JAN	YTD 2018	2017	2016	2015
Number of Permits					
New Residential Homes	1	1	57	56	62
VALUE - RESIDENTIAL	\$ 185,000.00	\$ 185,000.00	\$ 32,980,308.00	\$ 24,019,640.00	\$ 26,706,215.00



# Cascade Twp -Permit Report by Category/ Fee

1/1/2018 12:00:0 to 1/31/2018 12:00:

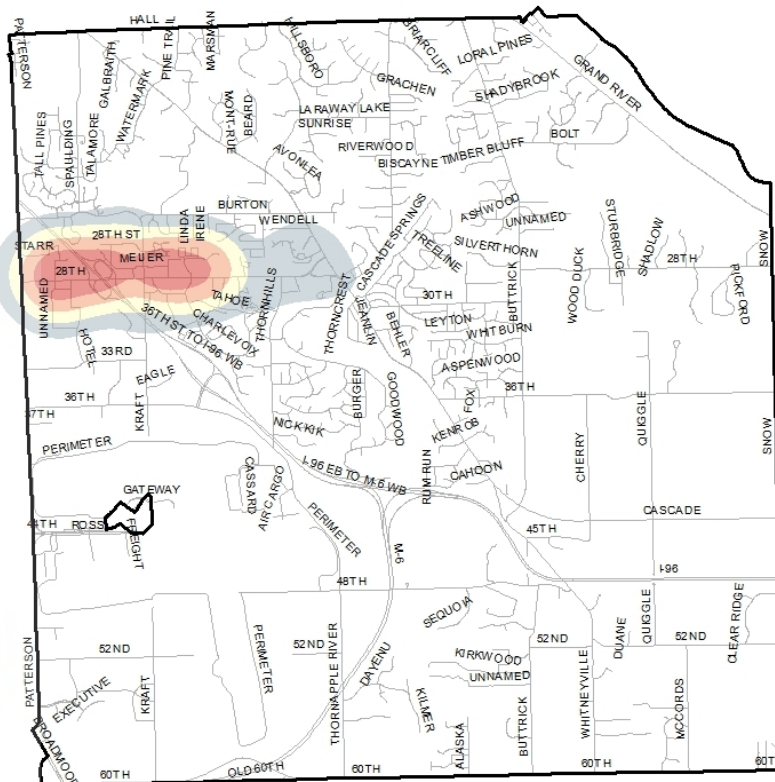
Permit	Applicant	Address	Issue Date	Project Value	Permit Fee	Work Description
	Res. Single Family					
PB18000011	MORTON BUILDINGS	5480 MCCORDS AVE SE	01/31/2018	185,000	541.00	RESIDENCE
				185,000	541.00	
<b>1</b>	Permits	Value Total		<b>185,000</b>	<b>541.00</b>	<b>Fee Total</b>



# Kent County Sheriff Department

## Calls for Service "Hotspot" Map

1 ●●●



• Total 4<sup>th</sup> Qtr Reported Offenses: 340 (4<sup>th</sup>)

• Top 3 Calls For Service: ●●● 2

1. Alarm (182 Calls)
2. Fraud - Embezz, Forgery, Retail (115 Calls)
3. Suspicious Condition/Noise/Subject (89 Calls)

• Top 3 Repeat Call Addresses: ●●● 3

1. 5800 Blk 28th St SE (87 Calls)
2. 5100 Blk 28th St SE (82 Calls)
3. 5500 Blk 28th St SE (65 Calls)

• Top 3 Responding Units: ●●● 4

1. 4321 (233 Calls)
2. 4121 (186 Calls)
3. 4423 (160 Calls)

• Avg. # of Units Assigned Per Call: 1.85 (2<sup>nd</sup>)

• Avg. Hold Time: 10 Min, 23 Seconds ●●● 5

• Avg Response Time: 20 Min, 30 Seconds ●●● 6

• Top 3 Crimes ●●● 7

1. Retail Fraud - 86
2. Driving Law Violations - 42
3. Obstructing Justice - 31

• Total Detective Bureau Time: 361 Hours (5<sup>th</sup>)

### Legend

- Low Density
- Medium
- Medium High
- High Density



8

Click on flame for hotspot details

January, 2018

To: Cascade Township Board

From: Kenneth Peirce, Treasurer  
List of Current Depositories and Investments

Each year the Treasurer is required to disclose to the Township Board the financial institutions in which the Township funds are placed. Township funds are currently placed in insured financial institutions in accordance with the Investment Policy approved on February 10, 2010.

These institutions are:

Chemical Bank  
Comerica Bank  
First Community Bank  
First National Bank of America  
First National Bank of Michigan  
Flagstar Bank  
Grand River Bank  
Horizon Bank  
Huntington National Bank  
Independent Bank  
Level One Bank  
Macatawa Bank  
Mercantile Bank  
Northpointe Bank  
CBIC a.k.a. Private Bank  
United Bank  
West MI Community Bank

Adventure Credit Union  
Community Choice Credit Union  
Community West Credit Union  
Consumers Credit Union  
Lake Michigan Credit Union

Kent County Pool

Comerica Securities

A copy of the bank relationship analysis dated January 2018 is attached for your information.

Sincerely,

*Kenneth B. Peirce*  
Kenneth B. Peirce, Treasurer

**Bank Relationship Analysis**  
**January 17, 2018**

	<u>Bauer</u>	<u>Total Deposits</u>
		000
<b>Cascade Township Banks</b>		Sept. 31, 2017
Chemical Bank	4	13,838,930
Comerica Bank	5	59,150,673
First Community Bank	5	247,460
Fifth Third Bank (Ohio)	5	105,072,784
First National Bank of America	3	968,787
First National Bank of MI	5	410,130
Grand River Bank	5	183,308
Horizon Bank	5	2,621,672
Old National	4	10,721,239
Level One Bank	5	1,073,395
CIBC (fka Private Bank)	4	18,736,268
Huntington National Bank	5	80,548,367
Macatawa Bank	5	1,512,220
Mercantile	5	2,497,928
Northpointe Bank	5	538,440
Flagstar	5	9,461,974
Independent Bank	5	2,377,019
United Bank	5	472,469
U.S. Bank NA	4	353,914,855
Wells Fargo	4	1,360,475,000
West MI Community Bank	5	388,663
Lake Michigan Credit Union	5	4,028,968
Adventure Credit Union	5	303,599
Community West Credit Union	5	151,711
Community Choice C.U.	4	907,045
Consumers Credit Union	5	732,511



**PRESS RELEASE**

## **COMCAST INTRODUCES NEW GIGABIT INTERNET SERVICE IN WEST MICHIGAN**

**GRAND RAPIDS, MICH. – January 25, 2018** – Comcast announced today it is introducing a new internet service in West Michigan on Wednesday, January 31 that will deliver speeds up to 1 Gigabit-per-second to residential and business customers. These speeds will be among the fastest and most widely available in the area.

The new speed is available across most of Comcast's service area in West Michigan, including Grand Rapids and other communities in Kent County, north Allegan County and portions of Ottawa County, including Holland.

Comcast's new 1 Gigabit Internet service will use DOCSIS 3.1 technology that makes it possible for Xfinity and Comcast Business internet customers to receive gigabit speeds over the communications lines that most customers already have in their homes and offices. The everyday price for residential 1 Gigabit service is \$139.95 a month without a term contract. Bundled product pricing is also available.

"We're delivering gigabit speeds over a network that already passes thousands of homes and businesses across West Michigan," said Tim Collins, senior vice president of Comcast's Heartland region, which includes Michigan. "As consumers and small businesses continue to rely even more heavily on the internet, we have the advanced technology in place to meet this growing demand."

"This new technology investment by Comcast aligns with the City's economic development efforts," said Grand Rapids Mayor Rosalynn Bliss. "The ability to say 1 gig service is available citywide has tremendous value as we seek to attract residents and businesses to Grand Rapids."

In addition to residential consumers, this new technology will benefit small businesses that have a need for faster download speeds without costly and disruptive construction of new network facilities. "Business Internet 1 Gig" and "Business Internet 500" speed tiers will be available at month's end to thousands of business customers in West Michigan.

The new service tiers complement other multi-gigabit options already available to Comcast Business customers, including Comcast Business Ethernet, which the company launched and has been expanding nationally since 2011. Those services can support speeds of 100 gigabits per second over fiber.

"We know first-hand from our small business members how important internet speed and reliability are to their bottom line," said Jane Clark, president of the Michigan West Coast Chamber of Commerce. "Comcast's new internet speed tiers will support the development, attraction, and growth of technology-based businesses and jobs in our community."

The West Michigan launch precedes the company's expansion of the service to southeastern Michigan later in the first quarter of 2018. Comcast first introduced its 1 Gigabit Internet service using DOCSIS 3.1 technology in the city of Detroit in November 2016.

Customers interested in this new service will need a DOCSIS 3.1-capable modem, such as the company's newest [xFi Advanced Gateway](#), to achieve the faster speeds. New and current residential customers can visit [Xfinity.com/gig](#) to learn about the new service and request additional information. Small and mid-sized businesses in buildings already served by Comcast can upgrade to Business Internet 1 Gig and Business Internet 500 by calling Comcast or visiting [business.comcast.com/gig](#) to change their service, and ordering a new modem.

Today's announcement follows a number of moves the company has made to enhance its high-speed Internet offerings, including an expansion of its national Wi-Fi network, which now includes 18 million hotspots; doubling its network capacity every 18 to 24 months; introducing xFi, a free platform that lets customers personalize, manage and control their home Wi-Fi experience, and launching 2 gigabit and 1 gigabit-per-second home Internet services. Comcast has increased Internet speeds 17 times in the past 16 years.

Other recent moves that capitalize on Comcast's growing internet and wireless presence include the April 2017 launch of Xfinity Mobile, which combines the nation's largest and most reliable 4G LTE network with the largest Wi-Fi network. It's available to all Xfinity Internet customers, and includes up to five lines with unlimited nationwide talk and text, no line access fees, and 100 MB of shared data. In September, the company announced it is trialing Instant TV, a new service that lets customers purchase tailored video bundles for in-home or on-the-go streaming without the need for a set top box.

#### **About Comcast**

Comcast Corporation (Nasdaq: CMCSA) is a global media and technology company with two primary businesses, Comcast Cable and NBCUniversal. Comcast Cable is one of the nation's largest video, high-speed internet, and phone providers to residential customers under the XFINITY brand, and also provides these services to businesses. It also provides wireless and security and automation services to residential customers under the XFINITY brand. NBCUniversal operates news, entertainment and sports cable networks, the NBC and Telemundo broadcast networks, television production operations, television station groups, Universal Pictures and Universal Parks and Resorts. Visit [www.comcastcorporation.com](#) for more information.

###

#### **Media Contacts:**

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**TO OWNER/CLIENT:**

Cascade Township  
2865 Thornhills Avenue SE  
Grand Rapids, Michigan 49546

**PROJECT:**

Cascade/Hall Renovations  
2865 Thornhills Avenue SE  
Grand Rapids, Michigan 49546

APPLICATION NO: 4  
INVOICE NO: 4  
PERIOD: 11/21/17 - 12/20/17  
PROJECT NO: 171103  
CONTRACT DATE: 06/20/2017

**DISTRIBUTION TO:**

**FROM CONTRACTOR:**

Fishbeck Thompson Carr & Huber, Inc  
1515 Arboretum Drive, SE  
Grand Rapids, Michigan 49546

**VIA ARCHITECT/ENGINEER:**

**CONTRACT FOR: Cascade/Hall Renovations Prime Contract  
CONTRACTOR'S APPLICATION FOR PAYMENT**

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

1. Original Contract Sum	<u>\$ 272,794.30</u>
2. Net change by change orders	<u>\$ 8,530.46</u>
3. Contract sum to date (line 1 ± 2)	<u>\$ 281,324.76</u>
4. Total completed and stored to date (Column G on detail sheet)	<u>\$ 260,425.28</u>
5. Retainage:	
a. 9.06% of completed work:	<u>\$ 23,584.24</u>
b. 0.00% of stored material:	<u>\$ 0.00</u>
Total retainage (Line 5a + 5b or total in column I of detail sheet)	<u>\$ 23,584.24</u>
6. Total earned less retainage (Line 4 less Line 5 Total)	<u>\$ 236,841.04</u>
7. Less previous certificates for payment (Line 6 from prior certificate)	<u>\$ 152,287.90</u>
8. Current payment due:	<u>\$ 84,553.14</u>
9. Balance to finish, including retainage (Line 3 less Line 6)	<u>\$ 44,483.72</u>

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner/Client:	\$ 8,530.46	\$ 0.00
Total approved this Month:	\$ 0.00	\$ 0.00
Totals:	\$ 8,530.46	\$ 0.00
Net change by change orders:	\$ 8,530.46	

The undersigned certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract documents, that all amounts have been paid by the Contractor for Work which previous Certificates for payment were issued and payments received from the Owner/Client, and that current payments shown herein is now due.

CONTRACTOR: Fishbeck Thompson Carr & Huber, Inc

By: *Cheryl J. Schmitt*

Date: January 3, 2018

State of: Michigan  
County of: Kent

Subscribed and sworn to before me this 3rd day of January, 2018

Notary Public: *Laura A. Carson*  
LAURA A. CARSON  
Notary Public, State of Michigan  
County of Kent  
My commission expires Mar. 27, 2020  
in the County of Kent

**ARCHITECT'S/ENGINEER'S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on the on-site observations and the data comprising this application, the Architect/Engineer certifies to the Owner/Client that to the best of the Architect's/Engineer's knowledge, information and belief that Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$ 84,553.14

*(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to confirm to the amount certified)*

ARCHITECT/ENGINEER:

By: \_\_\_\_\_

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

This certificate is not negotiable. The amount certified is payable only to the contract named herein. Issuance, payment and acceptance of payment are without prejudice to the rights of the Owner/Client or Contractor under this Contract.

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached. Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 4  
APPLICATION DATE: 01/05/2018  
PERIOD: 11/21/17 - 12/20/17  
ARCHITECTS/ENGINEERS PROJECT NO:

Contract Lines

Table with 11 columns (A-I) and 8 rows of contract line items. Columns include Item No., Cost Code, Description of Work, Scheduled Value, Work Completed (From Previous Application, This Period), Materials Presently Stored, Total Completed and Stored to Date, % (G/C), Balance to Finish, and Retainage. Includes a TOTALS row at the bottom.

Whole Change Order Packages

Table with 11 columns (A-I) and 3 rows of whole change order packages. Columns include Item No., Description of Work, Scheduled Value, Work Completed (From Previous Application, This Period), Materials Presently Stored, Total Completed and Stored to Date, % (G/C), Balance to Finish, and Retainage. Includes a TOTALS row at the bottom.

Grand Totals

Table with 11 columns (A-I) and 2 rows for grand totals. Columns include Item No., Description of Work, Scheduled Value, Work Completed (From Previous Application, This Period), Materials Presently Stored, Total Completed and Stored to Date, % (G/C), Balance to Finish, and Retainage. Includes a GRAND TOTALS row at the bottom.



**TO OWNER/CLIENT:**

Cascade Township  
2865 Thornhills Avenue SE  
Grand Rapids, Michigan 49546

**PROJECT:**

Cascade/Hall Renovations  
2865 Thornhills Avenue SE  
Grand Rapids, Michigan 49546

APPLICATION NO: 5  
INVOICE NO: 5  
PERIOD: 12/21/17 - 01/20/18  
PROJECT NO: 171103  
CONTRACT DATE: 06/20/2017

**DISTRIBUTION TO:**

**FROM CONTRACTOR:**

Fishbeck Thompson Carr & Huber, Inc  
1515 Arboretum Drive, SE  
Grand Rapids, Michigan 49546

**VIA ARCHITECT/ENGINEER:**

**CONTRACT FOR: Cascade/Hall Renovations Prime Contract  
CONTRACTOR'S APPLICATION FOR PAYMENT**

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

1. Original Contract Sum	\$ 272,794.30
2. Net change by change orders	\$ 8,530.46
3. Contract sum to date (line 1 ± 2)	\$ 281,324.76
4. Total completed and stored to date (Column G on detail sheet)	\$ 281,324.76
5. Retainage:	
a. 0.00% of completed work:	\$ 0.00
b. 0.00% of stored material:	\$ 0.00
Total retainage (Line 5a + 5b or total in column I of detail sheet)	\$ 0.00
6. Total earned less retainage (Line 4 less Line 5 Total)	\$ 281,324.76
7. Less previous certificates for payment (Line 6 from prior certificate)	\$ 236,841.04
8. Current payment due:	\$ 44,483.72
9. Balance to finish, including retainage (Line 3 less Line 6)	\$ 0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner/Client:	\$ 8,530.46	\$ 0.00
Total approved this Month:	\$ 0.00	\$ 0.00
Totals:	\$ 8,530.46	\$ 0.00
Net change by change orders:	\$ 8,530.46	

The undersigned certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract documents, that all amounts have been paid by the Contractor for Work which previous Certificates for payment were issued and payments received from the Owner/Client, and that current payments shown herein is now due.

CONTRACTOR: Fishbeck Thompson Carr & Huber, Inc

By: Cheryl J. Schmitt

Date: February 1, 2018

State of: Michigan  
County of: Kent

Subscribed and sworn to before

me this 1st day of February, 2018

LAURA A. CARSON  
Notary Public, State of Michigan  
County of Kent  
My Commission Expires Mar. 27, 2020  
My commission is held in the County of Kent

Laura Carson

**ARCHITECT'S/ENGINEER'S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on the on-site observations and the data comprising this application, the Architect/Engineer certifies to the Owner/Client that to the best of the Architect's/Engineer's knowledge, information and belief that Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$ 44,483.72

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to confirm to the amount certified)

ARCHITECT/ENGINEER:

By: \_\_\_\_\_

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

This certificate is not negotiable. The amount certified is payable only to the contract named herein. Issuance, payment and acceptance of payment are without prejudice to the rights of the Owner/Client or Contractor under this Contract.

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.  
 Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 5  
 APPLICATION DATE:  
 PERIOD: 12/21/17 - 01/20/18  
 ARCHITECTS/ENGINEERS PROJECT NO:

**Contract Lines**

ITEM NO.	COST CODE	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE
				FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
				1	6-100 - General Trades					
2	7-100 - Roofing	7-1 - Roofing	\$ 48,500.00	\$ 48,090.94	\$ 409.06	\$ 0.00	\$ 48,500.00	100.00%	\$ 0.00	\$ 0.00
3	23-100 - HVAC	23-1 - Heating, Ventilating and Air Conditioning	\$ 17,812.00	\$ 17,812.00	\$ 0.00	\$ 0.00	\$ 17,812.00	100.00%	\$ 0.00	\$ 0.00
4	26-100 - Electrical	26-1 - Electrical	\$ 35,420.00	\$ 22,873.00	\$ 12,547.00	\$ 0.00	\$ 35,420.00	100.00%	\$ 0.00	\$ 0.00
5	32-200 - Asphalt Pavement	32-2 - Asphalt Paving	\$ 107,777.00	\$ 107,777.00	\$ 0.00	\$ 0.00	\$ 107,777.00	100.00%	\$ 0.00	\$ 0.00
6	48-100 - Construction Fee	CM Fee	\$ 17,190.30	\$ 17,156.38	\$ 33.92	\$ 0.00	\$ 17,190.30	100.00%	\$ 0.00	\$ 0.00
7	48-200 - Architectural	48-200 - Architect C/A Services	\$ 17,800.00	\$ 16,052.40	\$ 1,747.60	\$ 0.00	\$ 17,800.00	100.00%	\$ 0.00	\$ 0.00
8	1-100 - General Conditions	1-1 - General Conditions	\$ 9,350.00	\$ 3,188.10	\$ 6,161.90	\$ 0.00	\$ 9,350.00	100.00%	\$ 0.00	\$ 0.00
<b>TOTALS:</b>			\$ 272,794.30	\$ 251,894.82	\$ 20,899.48	\$ 0.00	\$ 272,794.30	100.00%	\$ 0.00	\$ 0.00

**Whole Change Order Packages**

ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
			9	PCCO#001: Asphalt / Concrete Adjustments					
<b>TOTALS:</b>		\$ 8,530.46	\$ 8,530.46	\$ 0.00	\$ 0.00	\$ 8,530.46	100.00%	\$ 0.00	\$ 0.00

**Grand Totals**

ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
			<b>GRAND TOTALS:</b>						

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## Memorandum

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**To:** Cascade Charter Township Board  
**From:** Steve Peterson, Community Development Director  
**Subject:** Sign ordinance amendments  
**Meeting Date:** February 14, 2018

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In an attempt to address comments we have heard in business and community surveys as well as the recent Supreme Court Decision regarding the need to address the regulation of signs on a content neutral basis. The Township staff has conducted a series of meetings with business/property owners to discuss possible amendments to the sign ordinance.

I have attached a copy of the proposed changes with the "tracking" on so you can see the changes. I would summarize the changes as allowing more options than we currently have. Below is a brief description of the changes that will be proposed:

- Electronic reader boards that are allowed to change more than once per day.
- Some allowance for temporary signs per business on the wall and per property.
- Allowing signs closer to the road right of way.
- Improving definitions.
- Eliminating sections of the sign ordinance such as the sign landscaping requirements or the reduction of wall signage for the use of a canopy.
- Allow for larger taller signs in the Village business district.

The Planning Commission held a public hearing at their January 8 meeting and has recommended the changes as written. If approved, the changes will be effective upon publication of the ordinance.

**CASCADE CHARTER TOWNSHIP**

**Ordinance No. 14 of 1997**

**AN ORDINANCE TO REPEAL ORDINANCE NO. 12 OF 1988, AS AMENDED, TO  
REGULATE THE TYPE, NUMBER, PLACEMENT, MANNER AND PHYSICAL  
DIMENSIONS OF SIGNS IN CASCADE CHARTER TOWNSHIP.**

The Cascade Charter Township Board Ordains:

**CHAPTER 1. TITLE.**

This Ordinance shall be known and may be cited as the "Cascade Charter Township Sign Ordinance."

**CHAPTER 2. PURPOSE.**

The intent of this Ordinance is to regulate the type, number, physical dimensions, erection, placement and maintenance of signs in Cascade Charter Township. The purpose of the limitations, regulations, and standards established herein is to:

1. Promote the public peace, health, and safety of residents and visitors;
2. Protect the natural beauty and distinctive character of Cascade Charter Township;
3. Protect commercial districts from visual chaos and clutter;
4. Provide an environment which fosters growth and development of business;
5. Protect property values;
6. Eliminate distractions which are hazardous to motorists and pedestrians;
7. Protect the public's ability to identify establishments and premises; and
8. Protect the public's interest in public buildings, public streets, roads and highways and open spaces.
9. Balancing the individual rights of property owners to communicate their message with the public's right to be free of unreasonable distractions and aesthetic intrusions.

**CHAPTER 3. SCOPE.**

Except as otherwise expressly provided herein, this Ordinance shall not relate building design. Nor shall the Ordinance regulate official traffic or government signs: the content of signs; signs not intended visible from public roads or off of the property where the sign is located; scoreboards at athletic fields; gravestones; barber poles under three (3) feet in height; religious symbols; commemorative plaques; the display of street numbers or names; or any display structure or construction not defined herein as a sign.

**CHAPTER 4. DEFINITIONS.**

**As amended by Ord no 6 of 2011; 5/11/11**

For the purpose of this Ordinance the following words or phrases are defined as follows:

**Abandoned Sign** - A sign which no longer identifies or advertises a currently operating business, lessee, service, owner, product, or activity, and/or for which no legal owner can be found.

**Administrator** - The Planning Director, or his assigns, for Cascade Charter Township.

**Advertising Display Area** - The advertising display surface area (copy area) encompassed within any regular geometric figure which would enclose all or part of the sign. The structural supports for a sign, whether they be columns, pylons, or a building, or a part thereof, shall not be included in the advertising area.

**Air-filled or Gas-filled Balloon Sign** - A sign which is made of a nonporous bag of tough light material filled with heated air or a gas lighter than air used to convey advertising copy or announce a special event on a temporary basis.

**Airport Entry Sign** - A sign identifying or recognizing an entry point into the airport, air cargo facility or airport viewing area.

**Animated Sign** - A sign which uses movement or change of lighting to depict action or to create a special effect or scene. (Compare with "Flashing Sign").

**Awning** - A shelter projecting from and supported by the exterior wall of a building constructed of nonrigid materials on a supporting framework. (Compare with "Marquee").

~~**Awning/Canopy Sign** - Letters, numerals or other drawings painted on, printed on, or attached flat against the surface of an awning/canopy.~~

**Banner Sign** - A sign intended to be hung either with or without frames, possessing characters, letters, illustrations, or ornamentation applied to paper, plastic, or fabric of any kind. National flags, flags of political subdivisions, symbolic flags of any institution or business and seasonal decorations that do not contain any advertising copy placed on light or utility poles shall not be considered banners for the purpose of this Ordinance.

**Beacon** - Any light with one or more beams directed into the atmosphere or directed at one or more points not on the same zone lot as the light source; also, any light with one or more beams that rotate or move.

**Bench Sign** - A sign located on any part of the surface of a bench or seat placed on or adjacent to a right-of-way.

**Billboard** - A sign which advertises an establishment, service, merchandise, use, entertainment, activity, produce or message which is not conducted, sold, produced, manufactured or furnished upon the parcel or lot where the sign is located.

~~**Changeable Copy Sign** **Electronic Changeable Message Sign** - A sign upon which an electronic display or message is conveyed can be changed once a day by physical replacement of the display or message or electronic change of the message not more than once per 24 hours.~~

**Clearance (of a Sign)** - The smallest vertical distance between the grade of the adjacent street or street curb and the lowest point of any sign, including framework and embellishments, extending over that grade.

**Commercial Establishment** - A separate business or commercial operation. Examples of a "commercial establishment" in various contexts would include, without limiting, the following:

A business operating independent of any other business located in a free-standing building, in a strip mall, a business completely separated from other businesses by walls from the ground up and with a door which may regularly be used by the public for exclusive ingress and egress to that business; and in an enclosed structure with a shared climate controlled area, a business completely separated from other businesses by walls from the ground up and with a door or entrance which may regularly be used by the public for exclusive ingress and egress to that business and which may be closed to the public even while the common area is open to the public; and, in an office building, a business holding itself out to the public as a single entity, independent of other businesses or persons.

**Commercial Message** - Any sign wording, logo, or other representation that, directly or indirectly, names, advertises, or calls attention to a business, product, service, or other commercial activity.

~~**Construction Sign** - A sign which displays the name or names of principal contractors, architects and lending institutions and/or others responsible for the construction on the site where the sign is placed.~~

**Copy** - The wording on a sign surface in either permanent or removable letter form.

**Development/Building Identification Sign** - A sign which identifies a development or building by its recognized name, not including a product or service.

**Directional Sign, Single Tenant** - A sign providing directions for vehicular or pedestrian circulation into or out of a development having a single tenant within the building or upon the parcel. A directional sign shall not contain advertising display copy and shall be located on the property where the development is located.

**Directional Sign, Multi-Tenant** - A sign providing directions for vehicular or pedestrian circulation into or out of a development having more than one commercial or office tenants located in the same building or on the same parcel. A directional sign shall not contain advertising display copy and shall be located on the property where the development is located.

**Directory Sign** - A sign which displays the names and locations of occupants or the use of a building.

**Facade** - The entire building front including the parapet.

**Face of Sign** - The area of a sign on which the copy or display is placed.

**Festoons** - A string of ribbons, tinsel, flags, pennants or pinwheels.

**Flag** - Any fabric, banner, or bunting containing distinctive colors, patterns or symbols, used as a symbol of a government or political subdivision.

**Flashing Sign** - A sign which contains an intermittent or sequential flashing light source used to attract attention. This does not include ~~electronic changeable message signs~~ ~~changeable-copy signs~~, animated signs, as defined in this Ordinance, or signs which through reflection or other means, create an illusion of flashing of intermittent light. (Compare with "Animated Sign" and "~~Changeable Copy Sign~~~~Electronic Changeable Message Sign~~").

**Freestanding Sign** - A sign structurally separated from a building.

**Government Sign** - A sign erected and maintained by Cascade Charter Township, the county, state, or federal government.

**Height (of a Sign)** - The vertical distance measured from the highest point of the sign, including any decorative embellishments, to the grade of the adjacent street or the surface grade beneath the sign, whichever ground elevation is less (Compare with "Clearance").

**Illegal Sign** - A sign which does not meet the requirements of this Ordinance and which has not received legal nonconforming status.

**Illuminated Sign** - A sign with an artificial light source incorporated internally or externally for the purpose of illuminating the sign.

**Incidental Sign** - A sign, emblem, or decal informing the public of the goods, facilities, or services available on the premises, whose purpose is secondary to the use of the zone lot. No sign with a commercial message legible from a position off the zone lot on which the sign is located shall be considered incidental.

**Light Pole Sign** – Seasonal and decorative in nature and theme that do not advertise a product, service or business and which pertain to holidays and/or community-wide or governmental events or districts. Light pole signs may be attached to light or utility poles only after approval of the appropriate utility and the Cascade Township Planning Director.

**Lot** - A plot or parcel of land having frontage and access upon a public street or approved private street whether or not the plot or parcel is part of a recorded plat.

**Maintenance** - The cleaning, painting, repair, or replacement of defective parts of a sign in a manner that does not alter the basic copy, design, or structure of the sign.

**Mansard** - A sloped roof or roof-like facade architecturally comparable to a building wall.

**Marquee** - A permanent roof-like structure or canopy of rigid materials supported by and extending from the facade of a building. (Compare with "Awning").

**Marquee Sign** - A sign attached to or supported by a marquee structure.

**Municipal Sign** – A permanent sign erected and maintained by Cascade Charter Township identifying entrances into the community or a defined district. (Amended by Ord. No. 13 of 2000)

**Nameplate** - A nonelectric on-premise sign giving only the name, address, and/or occupation of an occupant or group of occupants.

**[Non-commercial Temporary Sign: A temporary sign which does not display a commercial message](#)**

**Nonconforming Sign** - A sign which was legally erected prior to this Ordinance but which does not conform to this Ordinance.

**Occupancy** - The portion of a building or premises owned, leased, rented, or otherwise occupied for a given use.

**Off-Premise Sign** - Another word for a billboard.

**On-Premise Sign** - A sign which pertains to the use of the premises on which it is located.

**Painted Wall Sign** - A sign which is applied with paint or similar substance on the face of a wall.

**Parapet** - The extension of a false front or wall above a roofline.

**Pennant** - Any lightweight plastic, fabric, or other material, whether or not containing a message of any kind, suspended from a rope, wire, or string, usually in series, designed to move in the wind.

**Permanent Sign** - A sign which is permanently affixed into the ground or a building and meets the requirements of a structure under the BOCA Building Code or its successor code.

**Person** - An individual, corporation, association, firm, partnership, company or organization, singular or plural, of any kind.

**Point-of-Sale Sign** - A sign which carries only the name of the firm, major enterprise, or products offered for sale on the premises.

**Pole Cover** - A material which encloses or decorates a pole or other structural support of a sign.

**Trailer Portable Sign** - A reusable and movable sign not permanently affixed in the ground, a structure or building.

**Projecting Sign** - A sign which is attached to and projects from a wall or other structure not specifically designed to support the sign.

~~**Real Estate Sign** - A sign advertising the real estate upon which the sign is located for the purpose of offering the property for sale, lease or rent.~~

**Roofline** - The top edge of a roof or building parapet, whichever is higher, excluding any cupolas, pylons, chimneys, or minor projections.

**Roof Sign** - A sign erected or constructed wholly upon or over the roof of a building and supported on the roof structure.

**Rotating Sign** - A sign in which the sign itself or any portion of the sign moves in a revolving or similar manner. Such motion does not refer to methods of changing copy.

~~**Sandwich Board Sign** - An advertising or business ground sign constructed in such a manner as to form an "A" or a tent-like shape, hinged or not hinged at the top and not permanently secured or attached to the ground or surface which it is located.~~

**Setback** - The distance from the property line or right-of-way line, whichever is more restrictive, to the nearest part of the applicable building, structure, or sign, measured perpendicularly to the property line or right-of-way line.

**Sexually Graphic Sign** - Any sign containing any photograph, silhouette, drawing, or pictorial representation or description of any specified anatomical area or specified sexual activities as those terms are defined in the Township Zoning Ordinance.



(This definition added by Ord. #4 of 2001)

**Sign** - A device, structure, painting, fixture, or placard using color, graphics, symbols, and/or written copy designed specifically for the purpose of advertising or identifying any event, establishment, product, good, service or displaying or depicting other information.

**Sign Area** - The area shall be measured within a single, continuous perimeter composed of any straight line geometric figure which encloses the extreme limits of the advertising message, together with any frame or other material or color forming an integral part of the display, message, drawing or similar device, or used to differentiate same from the background against which it is placed, excluding the necessary supports, braces or uprights of the sign.

Where a sign has two (2) or more faces, the area of all faces shall be included in determining the area of a sign, except that where two (2) faces are placed back-to-back and are at no point more than two (2) feet from one another, the area of the sign shall be deemed to be only the area of one face, or if faces are of different sizes, the area of the larger face.

Pole covers and other embellishments shall not be included in the area of measurement if they do not bear advertising copy or colors, patterns, logos that are a trademark or reasonably recognizable identification for the commercial establishment and/or sign owner.

**Sign Owner** - A person who owns a sign is the sign owner. The owner of the premises upon which a sign is located is presumed to be the owner of the sign, unless facts showing that someone else is the owner are submitted to the Administrator.

**Snipe Sign** - A sign that is attached to a utility pole, tree, fence, or any object located or situated on public or private property.

**Street Banner Sign** - A sign which is stretched across and hung over a right-of-way.

**Street Frontage** - The distance for which a lot line of a zone lot adjoins a public street, from one lot line intersecting said street to the furthest distance lot line intersecting the same street.

**Subdivision Identification Sign** - A sign identifying or recognizing a platted subdivision, condominium complex, industrial or residential development.

**Temporary Sign** - Any sign that is used only temporarily and is not permanently mounted which is to be in place for a period of time not to exceed one year.

**Under-Canopy Sign** - A sign suspended beneath a canopy, ceiling, roof, or marquee.

**Use** - Any purpose for which a building or other structure or a tract of land may be designed, arranged, intended, maintained, or occupied; or any activity, occupation, business or operation carried on, or intended to be carried on, in a building or other structure or on a tract of land.

**Vehicle Sign** - A sign painted on, incorporated in, or attached directly to any mode of transportation, including but not limited to automobiles, trucks, boats or airplanes.

**Wall Sign** - A sign including painted, individual letter, and cabinet signs, and signs on a mansard which are attached parallel to and extending not more than fifteen (15) inches from the wall of a building.

**Window Sign** - A sign placed inside or upon a window facing the outside which is intended to be seen from the right-of-way or the outdoors.

**Zone lot** - A parcel of land in single ownership that is of sufficient size to meet minimum zoning requirements for area, coverage, and use, and that can provide such yards and other open spaces as required by the zoning regulations of the Cascade Charter Township Zoning Ordinance, as amended.

## CHAPTER 5. GENERAL PROVISIONS

It shall be unlawful for any person to erect, place, or maintain a sign in Cascade Charter Township except in accordance with the provisions of this Ordinance.

### Section 5.01 - Signs Prohibited.

(amended by Ord No 6 of 2011)

The following types of signs are prohibited in all zoning districts:

1. Abandoned signs.
2. Air-filled or gas-filled balloon signs.
3. Animated signs.
4. ~~Banner signs.~~
- 4.5. —Bench signs.
- 5.6. Festoons
- 6.7. Pennants
- 7.8. ~~Trailer Portable~~ signs.
- 8.9. Rotating signs.
- 9.10. Signs imitating or resembling official traffic or government signs or signals.
- 10.11. Snipe signs.
- 11.12. Vehicles signs not used during the normal course of business which are parked or located for the primary purpose of displaying the advertising copy.
- 12.13. Roof Signs
14. ~~Temporary signs~~
- 13.15. Sexually Graphic signs  
(Amended by Ord. #4 of 2001)

### Section 5.02 - Permits Required

Unless otherwise provided by this Ordinance, all signs shall require permits and payment of fees as described in Chapter 9 of this Ordinance. No sign shall be installed or utilized until and unless a permit has been issued by the Township. No permit is required for the maintenance of a sign or for a change of copy on painted, printed, or changeable copy signs.

### Section 5.03 - Signs Not Requiring Permits (Amended by Ord. No. 13 of 2000)(Ord No 6 of 2011)

The following types of signs are exempted from permit requirements but must be in conformance with all other requirements of this Ordinance:

1. ~~- Temporary Construction~~ signs of five (5) square feet or less.
2. On-premise directional signs of two (2) square feet or less.
3. Holiday decorations.
4. ~~Non-commercial signs~~

4.5. Public signs or notices, or any sign relating to an emergency.

6. ~~Temporary real estate signs of five (5) square foot or less.~~

5.7. Incidental signs, provided such signs do not occupy more than eight (8) square feet of advertising display area.

7. 6. Product dispensers and point of sale displays provided they are not readable at a distance greater than three (3) feet.

8.7. Municipal Signs.

9.8. Light pole signs.

10.9. Sandwich board signs provided the following standards are met:

- a. The sign area shall not exceed twelve (12) square feet per side.
- b. Only one (1) sandwich board sign shall be permitted per business establishment.
- c. The sign shall be located not more than ten (10) feet from the front entrance of the business it is advertising.
- d. The sign shall be placed to allow a minimum 4' of clearance along the sidewalk .

~~e. The sign shall be removed at the close of the business day.~~

10. Banner sign provided the following standards are met:

- a. The sign area shall not exceed 20 square feet
- b. The sign shall be attached to the wall of the building
- c. The height of the sign installation shall not exceed 15 feet
- d. Only one banner is allowed per business

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#### **Section 5.04 - Maintenance**

All signs shall be properly maintained. Exposed surfaces shall be clean and painted, if paint is required. Defective or damaged parts shall be replaced. The Building Inspector shall have the right under Section 9.09, as amended, to order the repair or removal of any sign which is unsafe, as defined by the BOCA Building Code or its successor code.

#### **Section 5.05 - Lighting**(amended by Ord No 6 of 2011)

Unless otherwise specified by this Ordinance, all signs may be illuminated. Unless a different light source is permitted by the Township Planning Director, low pressure sodium lighting may be used as a light source to minimize light emission. No sign regulated by this Ordinance may utilize:

1. An exposed incandescent lamp \* with an external reflector and without a sunscreen or comparable diffusion device.
2. Any exposed incandescent lamp \* in excess of 160 watts unless a screen or shield is installed so that no light rays are emitted by the installed fixture at angles above the signs highest horizontal plane.
3. Any revolving beacon light.

(\* For the purpose of this Ordinance, quartz lamps shall not be considered an incandescent light source.)

Metal halide lighting, fluorescent lighting and quartz lighting may be used for outdoor advertising signs but shall be installed in enclosed luminaries.

Glass tubes filled with Neon, Argon or Krypton may be used provided they do not flash intermittently or create a visual effect of movement.

Lighting fixtures used to illuminate an outdoor advertising sign shall be mounted on the top of the sign structure whenever practical or mounted so that no light rays are emitted by the installed fixture at angles above the sign's highest horizontal plane.

The operating of lighting fixtures on or in signs from midnight to sunrise is prohibited unless the premises is open for business.

No sign may be illuminated by flashing, oscillating or intermittent lighting.

Signs with an electronically changeable display shall meet the following:

1. A changeable sign, may not allow the display or message to change more frequently than once every six (6) seconds. Transitions from one static image to the next shall appear instantaneously without the appearance of animation, flashing or movement of any kind.

2. A changeable sign must have an ambient light monitor, which shall continuously monitor and automatically adjust the brightness level of the display based on ambient light conditions consistent with the terms of this article.

3. A changeable sign shall not exceed a brightness level of 0.3 foot candles above ambient light as measured using a foot candle (Lux) meter at a preset distance depending on sign area.

4. Certification must be provided to the township demonstrating that the changeable sign has been preset to automatically adjust the brightness to the stated levels or lower. Re-inspection and recalibration may be periodically required by the township to ensure that the specified brightness levels are maintained at all times. The recalibration shall be done at the townships discretion and at the sign owner's expense, and the b:

5-Brightness of changeable signs shall be measured as follows:

a. At least 30 minutes following sunset, a foot candle meter shall be used to obtain an ambient light reading for the location. This is done while the sign is off or displaying black copy. The reading shall be made with the meter aimed directly at the center of the sign area from a distance determined with the following formula: The square root of the product of the sign area multiplied by one hundred (100). Example using a twelve (12) square foot sign:

b. Measurement Distance =  $\sqrt{(12 \text{ Sq. Ft.} \times 100)} = 34.6$  as the determined setback.

c. The sign shall then be turned on to full white copy to take another reading with the meter at the same location.

d. If the difference between the readings is 0.3 foot candles or less, the brightness is properly adjusted and the sign is in compliance.

6. A sign lighting device shall employ only lights emitting a light of constant intensity and no sign shall be illuminated by or contain flashing, intermittent rotating or moving light or lights. No sign or lighting device shall be placed or directed to cast the beams and illumination upon a public road, highway, sidewalk or adjacent premises causing a traffic hazard or nuisance. Signs shall not have light sources or reflect brightness in a manner which constitutes a hazard or nuisance. This includes signs with fluorescent text, graphics or background, as well as holographic signs.

7. The use, size and location of ECM signs must comply with all other relevant regulations and ordinances of the township. not scroll, flash or change message more than once in a 24 hour period with an exception for time and temperature.

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**Section 5.06. Required Sign Setbacks for all Zoning Districts**(amended by Ord No 6 of 2011)

1. Setbacks

- a. No sign shall be placed in a location where it causes a hazard to vehicular or pedestrian traffic by depriving the driver or pedestrian of a clear and unobstructed view of approaching, intersecting or merging traffic.
- b. Municipal Signs may be allowed in the public right-of-way with the approval from the appropriate governmental agency or on private property with the approval from the property owner. (Amended by Ord. No. 13 of 2000)
- c. Development/Building Identification signs and Subdivision Identification signs may be placed in boulevard median strips if approved by the Kent County Road Commission and Cascade Charter Township as part of a Planned Unit Development.

~~d. All permanent signs shall be setback a minimum of twenty five (25) feet from any lot line, with the following exceptions:~~

~~d. 1) Single-tenant directional signs may be located adjacent to a lot line. Multi-tenant directional signs shall be set back at least five (5) feet from the property line.~~

~~e. 2) Subdivision Identification signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s).~~

~~3) Ground mounted signs in the B1 zoning district shall be setback in accordance with Section 6.03 and Table 6.03(a) of this ordinance.~~

~~f. d. Subdivision Identification signs, Development/ Building Identification signs and Municipal signs shall be ground mounted and shall not exceed five (5) feet in height. (Amended by Ord. No. 13 of 2000)~~

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**Section 5.07 Sign height and overhang**

- 1. A wall sign shall not project beyond the ends of the wall to which it is attached;
- 2. ~~A wall sign shall not extend beyond the window sills of the floor above, the top of the wall to which it is attached, or twenty (20) feet above the finished grade at the building wall, whichever is lowest;~~
- 3. A sign shall not project into the public right-of-way of any adjacent street.
- 4. A freestanding sign, shall not exceed the sign height restriction allowed in the applicable zoning district, as found in this Ordinance. No sign shall create an obstructed view of approaching traffic;

**Section 5.08 Landscaping**

~~The base treatment for a freestanding sign shall be landscaped with low maintenance plants. Such landscaping may be placed in stone, masonry or treated wood bases or containers to achieve a pleasant aesthetic arrangement.~~

**Section 5.09. Sign Contractor's Registration**

No person may engage in the business of erecting, altering, relocating, constructing, or maintaining signs without being a registered contractor with Cascade Charter Township.

**CHAPTER 6. REGULATION OF SIGNS BY ZONING DISTRICT**

**Section 6.01. Signs Permitted in All Zoning Districts**

The following signs are allowed in all zones:

1. All signs not requiring permits (Section 5.03) except incidental signs, product dispersive and point-of-sale displays shall not be located in any residentially zoned district.
2. One (1) ~~temporary construction~~ sign for each street frontage of a construction project, not to exceed 64 square feet in sign area. Such signs may be erected thirty (30) days prior to beginning of construction and shall be removed thirty (30) days following completion of construction.

3. One (1) ~~temporary non-illuminated real estate~~ sign per lot or premises, according to the following:

~~One sign not to exceed five (5) square feet in sign area; provided, however that on parcels which are two (2) to 5 acres in size the sign may not exceed 32 sq ft and on parcels larger than 5 acres or larger, a real estate the sign may not exceed a sign area of sixty-four (64) square feet. One (1) freestanding temporary sign per zone lot (only non-commercial temporary signs in R1, R2, ARC, FP zones) Regardless of the number of businesses, commercial establishments, buildings or tenants per lot, only one (1) such sign shall be permitted per lot in compliance with Table 6.01A below.~~

**TABLE 6.01A**

<b>SIZE OF PARCEL</b>	<b>SIGN AREA (square feet)</b>	<b>SETBACK</b>
<b>Under 2 acres</b>	<b>5 sqf</b>	<b>5</b>
<b>2-5 acres</b>	<b>32 sqf</b>	<b>10</b>
<b>More than 5 acres</b>	<b>64 sqf</b>	<b>20</b>

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4. ~~Non-commercial signs not to exceed twenty (20) square feet in sign area. Such signs shall be removed ten (10) days following such election or referendum. Non-commercial signs may be placed only on private property and only with the permission of the property owner. (No more than one (1) non-commercial sign shall be permitted per lot).~~
5. One (1) property address sign per premises which only identifies the address number and street. Such sign shall not exceed five (5) square feet.
6. One (1) nameplate or under-canopy sign per premises, provided such sign does not exceed eight (8) square feet.
7. Municipal signs up to 64 square feet. (Amended by Ord. No. 13 of 2000)

**Section 6.02. Signs Permitted In The "ARC", "FP" "R-1" and "R-2" Zoning Districts.**  
(amended by Ord No 6 of 2011) (amended by Ord No 4 of 2012)

The following signs are allowed in the ARC, FP, R-1 and R-2 zoning districts.

1. All signs permitted in Section 6.01 of this Ordinance.
2. One (1) subdivision identification sign per entrance road for each subdivision development not to exceed sixty-four (64) square feet in sign area. Signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s).
3. For permitted non-residential uses, including churches and synagogues, one (1) freestanding sign not to exceed sixty-four (64) square feet in sign area and 5 feet in height. Signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s). Wall signage not to exceed forty-eight (48) square feet in sign area.
4. Flags of any nation, or state and seasonal or thematic flags.
5. One (1) non-illuminated sign per property not to exceed five (5) square feet for a lawful home occupation use, day care or foster care use on the property.

**Section 6.03 - Signs Permitted In The "B-1" and "O" Zoning Districts**(amended by Ord No 6 of 2011) (amended by Ord No 4 of 2012)

The following signs are allowed in the "B-1" and "O" zoning districts.

1. All signs permitted in Section 6.01 of this Ordinance.
2. One (1) freestanding permanent sign per zone lot. Regardless of the number of businesses, commercial establishments, buildings or tenants per lot, only one (1) such sign shall be permitted per lot ~~and such sign shall not exceed a total sign area of 24 square feet unless it is~~ One (1) freestanding permanent sign per zone lot. Regardless of the number of businesses, commercial establishments, buildings or tenants per lot, only one (1) such sign shall be permitted per lot in compliance with Table 6.03A below. Up to 50% of the sign may be a changeable copy sign.

**TABLE 6.03A**

<b>SETBACK (feet)</b>	<b>SIGN AREA (square feet)</b>	<b>HEIGHT (feet)</b>
<b>5</b>	<b>2430</b>	<b>45</b>
<b>10</b>	<b>3042</b>	<b>56</b>
<b>15</b>	<b>4056</b>	<b>5.57</b>
<b>20</b>	<b>5064</b>	<b>68</b>
<b>25+</b>	<b>6072</b>	<b>79</b>

Note: F OR SETBACKS DIFFERENT THAN THOSE LISTED ABOVE, SELECT THE SIGN AREA AND HEIGHT THAT CORRESPONDS TO THE NEXT LOWER SETBACK.

3. One of the following wall signs are permitted:

a. Wall signage or marquee per building not to exceed ~~thirty-two (32)~~ fifty-one hundred (1050) square feet in total sign area; or

~~b. Awning/canopy signage per building, not to exceed thirty-two (32) square feet in total sign area; or~~

c. In the event the building has multiple commercial establishments, each commercial establishment's space will be permitted wall signage equal to one and one half square foot for each lineal foot of building frontage (i.e., building frontage on the ground for the front of the building) that each respective commercial establishment occupies, not to exceed a sign length of more than two-thirds of the subject frontage.

4. Window signs or displays, provided permanent window sign(s) shall not cover more than twenty-five (25) percent of the total window surface and temporary window signs shall not cover more than fifteen (15) percent of the total window surface.

5. Directory wall signage per building, not to exceed twenty (20) square feet in total sign area.

6. Light pole signs, seasonal and decorative in nature and theme that do not advertise a product, service or business and which pertain to holidays and/or community-wide or governmental events or districts. Light pole signs must be attached to light or utility poles upon the approval of the Cascade Township Planning Director and the appropriate utility company if needed.

7. Directional signs:

Single tenant directional signs shall be limited to two per parcel, not greater than ten (10) square feet in area and four (4) feet in height.

Multi-tenant directional signs shall be limited to two per parcel, not greater than twenty (20) square feet in area and four (4) feet in height.

8. Flags of any nation, state, or entity provided they do not exceed thirty-two (32) square feet in area. A zone lot will be limited to three (3) Flags. Flag pole height may not exceed the height restrictions for the zoning district as found in the Zoning Ordinance.

9. Subdivision Identification signs, Development/ Building Identification signs and Municipal signs shall be ground mounted and shall not exceed five (5) feet in height. (Amended by Ord. No. 13 of 2000). Upon the recommendation of the Village Design Review Committee, the Planning Commission may allow a sign which exhibits unique design characteristics and furthers the identity of the Cascade Village if either of the following standards are met:

a. The sign is for Cascade Charter Township.

b. The sign is for a commercial development under the control of one owner and is one parcel of at least 10 acres.

**Section 6.04. Signs Permitted In The "B-2" and "ES" Zoning Districts.** (amended by Ord No 6 of 2011) (amended by Ord No 4 of 2012)

The following signs are allowed in the "B-2" and "ES" zoning districts:



1. All signs as permitted in Section 6.01 of this Ordinance.
2. One (1) freestanding sign, one (1) point-of-sale sign, or one (1) development/building identification sign per building. Such sign shall not exceed a height of 30 feet and a total sign area equal to two (2) square feet for each five (5) feet of lot frontage as measured at the building setback line. In no event shall the sign exceed one hundred twenty-five (125) square feet in sign area. ~~Up to fifty (50) percent of such a sign may be a changeable copy sign. A freestanding sign may be a consolidated tenant sign identifying each tenants name. Sign height and setback will be determined as follows~~

Table 6.04 a

<u>MINIMUM SETBACK</u> <u>(feet)</u>	<u>MAXIMUM HEIGHT</u> <u>(feet)</u>
<u>5</u>	<u>10</u>
<u>10</u>	<u>15</u>
<u>15</u>	<u>20</u>
<u>20</u>	<u>25</u>
<u>25+</u>	<u>30</u>

3. One of the following signs are permitted:
  - a. Wall signage or marquee per building, not to exceed one-hundred (100) square feet in total sign area, or;
  - ~~b. Awning/canopy signage per building, not to exceed thirty two (32) square feet in total sign area, or;~~
  - c. In the event the building has multiple commercial establishments, each commercial establishment's space will be permitted wall signage equal to one square foot for each lineal foot of building frontage (i.e., building frontage on the ground for the front of the building) that each respective commercial establishment occupies, not to exceed a sign length of more than two-thirds of the subject frontage.
4. Window signs and displays, provided permanent window sign(s) shall not cover more than twenty-five (25) percent of the total window surface and temporary window signs shall not cover more than fifteen (15) percent of the total window surface.
5. Directory wall signage per building, not to exceed twenty (20) square feet in total sign area.
6. Directional signs:
 

Single tenant directional signs shall be limited to two per parcel, not greater than ten (10) square feet in area and four (4) feet in height.

Multi-tenant directional signs shall be limited to two per parcel, not greater than twenty (20) square feet in area and four (4) feet in height.
7. Flags of any nation, state, or entity provided they do not exceed thirty-two (32) square feet in area. A zone lot will be limited to three (3) flags. Flagpole height may not exceed the height restrictions for the zoning district as found in the Zoning Ordinance.

**Section 6.05. Signs Permitted In The "I" "II" Zoning District.** (amended by Ord No 6 of 2011) (amended by Ord No 4 of 2012)

The following signs are permitted in the "I" and "II" zoning district:

1. All signs as permitted in Section 6.01 and Section 6.02 of this Ordinance, except for pole signs.
2. One (1) freestanding sign, one (1) point-of-sale sign, or one (1) development/building identification sign per building. Such sign shall not exceed a height of five (5) feet and a total sign area equal to two (2) square feet for each ten (10) feet of lot frontage as measured at the building setback line. In no event shall the sign exceed eighty (80) square feet in sign area. A freestanding sign may be a consolidated tenant sign identifying each tenants name. Signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s).

3. One of the following wall signs are permitted:

A. Wall signage or marquee per building not to exceed one hundred (100) square feet in total sign area; or

~~B. Awning/canopy signage per building, not to exceed thirty-two (32) square feet in total sign area; or~~

In the event the building has multiple tenants, the wall or awning/canopy sign may be divided between tenants so long as the aggregate sum does not exceed the maximum allowed total sign area.

In the event the building has multiple establishments, each establishment's space will be permitted wall signage equal to one square foot for each lineal foot of building frontage (i.e., building frontage on the ground for the front of the building) that each respective establishment occupies, not to exceed 100 sq.ft in total per establishment and no sign shall have a length of more than two-thirds of the subject frontage

4. Billboards (Amended by Ord. #12, 2001)

Billboard signs are permitted only in accordance with the following regulations:

- a) Each billboard shall be located on a parcel that has frontage on I-96 and/or M-6.
- b) Each billboard sign structure shall be located within the Industrial Zoning District.
- c) Each billboard sign structure shall be built with a monopole construction.
- d) Each billboard sign structure shall be separated from adjacent billboard sign structures by a distance not less than two thousand (2,000) feet. For purposes of this provision, the distance between billboards shall be measured from the closest point of one billboard structure to the closest point of another and shall apply to both sides of a street or highway.
- e) Each billboard sign structure is limited to a maximum of three-hundred (300) square feet in total sign area.
- f) Each billboard shall be located at a minimum 100 feet from any building or 500 feet from any residential zone.

- g) All Billboards shall comply with all provisions regulating billboards in the Highway Advertising Act (Public Act 106 of 1972, as amended).
- h) Each billboard requires a Type II Special Use Permit as regulated by the Zoning Ordinance.
- i) Each Billboard sign shall be setback a minimum of 50 feet from all property and right-of-way lines. For purposes of measuring the setback, the distance shall be measured from the nearest point of the sign structure to the closest point of the property line or right-of way line.
- j) A billboard shall be no more ~~that~~than 25 feet high. Height shall be measured from the natural grade of the area under the sign to the highest point of the sign.
- k) Any lighting for a billboard shall mounted on the top of the billboard and shall shine downward and may not be internally lit.
- l) For purposes of determining the number of freestanding signs on a parcel under the terms of this ordinance, a billboard shall be considered a freestanding sign.
- m) No billboard shall have sign faces that change copy, display or message by the use of motorized copy, digital imaging or other enhancement.
- n) Any extension of the sign face above, below or to the side of the sign face shall be counted in the area of the sign face and height of the billboard.
- o) No billboard shall be installed or erected at any time when there are 14 or more existing billboard faces located within the Township. For purposes of this provision, lawfully constructed billboards that exist as of the effective date of this ordinance which have less than 50 sq.ft. of sign area shall not be included.

5. Directional signs:

Single tenant directional signs shall be limited to two per parcel, not greater than ten (10) square feet in area and four (4) feet in height.

Multi-tenant directional signs shall be limited to two per parcel, not greater than twenty (20) square feet in area and four (4) feet in height.

6. Flags of any nation, state, or entity provided they do not exceed thirty-two (32) square feet in area. A zone lot will be limited to three (3) flags. Flagpole height may not exceed a height of thirty-five (35) feet.

7. Billboards that are in existence at the time of adoption of this ordinance which are legal and in conformance with Ordinance #12 of 1988, may be moved distances less than those prescribed above in 6.05(4), provided they are not less than fifteen hundred (1,500) feet from an adjacent billboard sign structure and not closer to a residential structure than they currently are located. This subsection shall remain effective for one (1) year following the effective date of this Ordinance. (Effective date: December 10, 1997)

**Section 6.06. Signs Permitted In The "AC" Zoning District.**

(Section amended by Ord. No. 10 of 2002)

The following regulations shall apply to signs in the "AC" zoning district:

The following signs shall be exempted from the provisions of this ordinance:

1. All non-Commercial Message signs.
2. Any sign that is not readable from a public street or that is located more than 500 feet from a public street and does not exceed (80) square.
3. Any sign located entirely in a public right-of-way. Any such sign shall require the permission of the applicable public agency.
4. Directional signs.
5. Regulatory signs required by FAA regulation

The following signs are expressly prohibited in both subzones in the AC zoning district by this ordinance.

1. All billboard or off-premise signs.
2. All signs as prohibited by section 5.01 of this ordinance except banner signs which are permitted

The following signs are allowed in both subzones of the "AC" zoning district

1. Signs as permitted in Section 6.01 of this Ordinance are permitted with no sign permit required.
2. Airport entry identification signs. Two airport entry signs per entrance not to exceed a total sign area of 60 sq.ft. The signs may include architectural features that have a maximum height of 14 feet from grade provided that at least 50% of the volume of the sign shall be at the level of eight feet or lower.
3. All other freestanding signs shall be limited to, one (1) freestanding per building. Such sign shall not exceed a height of five (5) feet and a total sign area of eighty (80) square feet in sign area. A freestanding sign may be a consolidated tenant sign identifying each tenants name.
4. For buildings in either sub-zone, one of the following signs are permitted unless the sign is not readable from a public street:
  - a. Wall signage or marquee per building, not to exceed one-hundred (100) square feet in total sign area, or;
  - b. Awning/canopy signage per building, not to exceed thirty-two (32) square feet in total sign area, or;
  - c. In the event the building has tenants, each tenant's space will be permitted wall signage equal to one square foot for each lineal foot of building frontage (i.e., building frontage on the ground for the front of the building) that each respective tenant occupies, not to exceed a sign length of more than two-thirds of the subject frontage. In the case of a tenant without building frontage, the tenant is permitted to have a wall sign provided that the total wall signage permitted for the building pursuant to this section, shall not be exceeded.
5. Window signs and displays, provided permanent window sign(s) shall not cover more than twenty-five (25) percent of the total window surface and temporary window signs shall not cover more than fifteen (15) percent of the total window surface.

6. One (1) directory wall sign per building, not to exceed twenty (20) square feet in total sign area.
7. Flags of any nation, state, or entity provided they do not exceed ninety-six (96) square feet in area.

## **CHAPTER 7. NONCONFORMING SIGNS**

### **Section 7.01. Determination of Legal Nonconformity**

Existing signs which do not conform to the specific provisions of the Ordinance may be eligible for the designation "legal nonconforming" provided that:

1. The Administrator determines that such signs are properly maintained and do not in any way endanger the public.
2. The sign was authorized by a valid permit or variance or complied with all applicable laws on the date of adoption of this Ordinance.
3. The sign advertises a currently operating business or use.

### **Section 7.02. Loss of Legal Nonconforming Status**

(amended by Ord. 11 of 2000; 7/26/00)

If a sign loses its legal non-conforming designation or status, the sign (and all portions thereof) shall be removed immediately and shall not be repaired, replaced or rebuilt unless it fully complies with all requirements of this ordinance and the Cascade Township Zoning Ordinance, as amended. A legal non-conforming sign shall lose its lawful non-conforming designation and status if the Zoning Administrator determines that any of the following is applicable:

1. The sign is relocated, moved, rebuilt or replaced.
2. The sign is destroyed. A sign shall be deemed destroyed if any of the following occurs.
  - a. The sign is torn down or demolished;
  - b. The sign is wrecked or ruined;
  - c. Such damage has been done to the sign that it cannot be returned to its prior state by routine repair, but only by replacement or material rebuilding; or
  - d. More than 50% of the face of the sign has been shattered, or a portion of the sign face touches the ground.

If a sign is destroyed, Section 7.03 hereof (which applies only to repairs and maintenance) shall not be applicable.

1. Even if a sign has not been destroyed, but damage or deterioration has occurred to the point of 50% or more as defined in Section 7.03, the sign shall be deemed to have lost its legal non-conforming status.
  - a. The structure or size of the sign is altered in any material way other than a change of copy or normal maintenance which does not physically alter the sign.
  - b. There is a material change in the use of the premises where the sign is located.
  - c. A building permit is issued for any construction on the premises where the sign is located which increases the total building square footage by more than 5% or 5,000 square feet, whichever is less.

**Section 7.03. Maintenance and Repair of Legal Non-Conforming Signs**  
(amended by Ord. 11 of 2000; 7/26/00)

This section shall not apply if a legal non-conforming sign has been destroyed, since a destroyed sign automatically loses its legal non-conforming designation and status. If a legal non-conforming sign suffers 50% or more damage or deterioration, it must be brought into full compliance with this Ordinance or be removed. In order to determine whether or not a sign has been damaged or has deteriorated by 50% or more, the costs of physically repairing the sign shall be compared to the costs of physically replacing the sign. If less than 50% damage or deterioration has occurred pursuant to such comparison, the sign may be repaired to its exact original state.

**CHAPTER 8. CONSTRUCTION SPECIFICATIONS**

**Section 8.01. Compliance with Building and Electrical Codes**

All signs shall be constructed in accordance with the requirements of the BOCA Building Code and the National Electrical Code, as amended from time to time.

**Section 8.02. Anchoring**

1. No sign shall be suspended by nonrigid attachments that will allow the sign to swing in a wind.
2. All freestanding signs shall have self-supporting structures erected on or permanently attached to concrete foundations.

**Section 8.03. Wind Loads**

All signs, other than wall signs, shall be designed to withstand the wind load pressure specified for its size and type in the BOCA Building Code.

**Section 8.04. Additional Construction Specifications**

1. No signs shall be erected, constructed or maintained so as to obstruct any fire escape, required exit, window or door opening used as a means of egress.
2. No sign shall be attached in any form, shape, or manner which will interfere with any opening required for ventilation, except that signs may be erected in front of and may cover transom windows when not in violation of the provisions of the BOCA Building or Fire Prevention Codes.
3. Signs shall be located in such a way as to maintain horizontal and vertical clearance of all overhead electrical conductors in accordance with National Electrical Code specifications, depending on voltages concerned. However, in no case shall a sign be installed closer than five (5) feet horizontally or vertically from any conductor or public utility guy wire, unless specifically waived by the Township Electrical Inspector.

**CHAPTER 9. ADMINISTRATION AND ENFORCEMENT**

**Section 9.01. Sign Ordinance Administrator**

The Administrator shall be appointed by the Township Board and is authorized to process applications for permits and variances, hold public hearings as required, and enforce and carry out all provisions of this Ordinance, both in letter and in spirit.

The Building Inspector is empowered, upon presentation of proper credentials, to enter or inspect any building, structure, or premises in the Township for the purpose of inspection of a sign and its structural and electrical connections to ensure compliance with all applicable codes and ordinances. Such inspections shall be carried out during business hours unless an emergency exists.

#### **Section 9.02 - Application for Permits**

Application for a permit for the erection, alteration, or relocation of a sign shall be made to the Administrator upon a form provided by the Administrator and shall include the following information:

1. Name and address of the owner of the sign.
2. Street address or location of the property on which the sign is to be located, along with the name and address of the property owner.
3. The type of sign as defined in this Ordinance.
4. A site plan showing the proposed location of the sign along with the locations and square footage areas of all existing signs on the same premises.
5. Specifications and scale drawings showing the materials, design, dimensions, structural supports, and electrical components of the proposed sign.

#### **Section 9.03 - Permit Fees**

An application for a permit filed with the Administrator shall be accompanied by the payment of a fee, which shall be in accordance with the fee schedule adopted from time to time by resolution of the Township Board.

#### **Section 9.04 - Issuance and Denial**

The Administrator shall issue a permit for the erection, alteration, or relocation of a sign within thirty (30) days of receipt of a valid and complete application and permit fee, provided that the sign complies with all applicable laws and regulations of the Township. In all applications, where a matter of interpretation arises, the more specific definition or higher standard shall prevail.

When a permit is denied by the Administrator, he/she shall give a written notice within seven (7) days to the applicant along with a brief statement of the reasons for denial. The Administrator may suspend or revoke an issued permit for a false statement or misrepresentation of fact in the application.

#### **Section 9.05 - Permit Conditions, Refunds, and Penalties**

If a permit is denied, the permit fee (less administrative expenses) will be refunded to the applicant within seven (7) days of the denial.

If no inspections have been made and no work authorized by the permit has been performed, one-half (1/2) of the permit fee may be refunded to the applicant upon request upon return of the permit to the Administrator within 30 days of issuance.

A permit issued by the Administrator becomes null and void if work is not commenced within 120 days of issuance. If work authorized by the permit is suspended or abandoned for 120 days, the permit must be renewed with an additional payment of one-half of the original fee.

If any sign is installed or placed on any property prior to receipt of a permit, the specified permit fee shall be doubled. However, payment of the doubled fee shall not relieve any person of any other requirements or penalties prescribed in this Ordinance.

#### **Section 9.06 - Inspection Upon Completion**

Any person installing, altering, or relocating a sign for which a permit has been issued shall notify the Building Inspector upon completion of the work. The Building Inspector may require a final inspection, including an electrical inspection and inspection of footings on freestanding signs.

The Administrator, or Building Inspector, may require in writing upon issuance of a permit that he/she be notified for inspection prior to the installation of certain signs.

#### **Section 9.07 - Variances**

In obtaining a permit, the applicant may apply to the Administrator for a variance from certain requirements of this Ordinance. A variance may be granted by the Zoning Board of Appeals where the literal application of the Ordinance would create a GENUINE hardship for the sign user and the following criteria are met:

1. The granting of the requested variance would not be materially detrimental to the property owners in the vicinity.
2. The hardship created by a literal interpretation of the Ordinance is due to conditions unique to that property and does not apply generally to other properties in the Township.
3. The granting of the variance would not be contrary to the general purposes of this Ordinance or set an adverse precedent.

In granting a variance, the Zoning Board of Appeals may attach additional requirements necessary to carry out the spirit and purpose of this Ordinance in the public interest.

A decision rendered by the Zoning Board of Appeals with respect to any sign variance request may be appealed to the Township Board by any person or persons aggrieved by such decision within ten (10) calendar days of the date on which the contested decision was rendered. Such appeal shall be made in writing to the Planning Director, who shall, upon receipt of the appeal, provide notice of a second public hearing pursuant to the procedures outlined in this Ordinance except that such notice shall specify that the hearing is to be held before the Township Board. A decision rendered by the Township Board shall be final unless such decision is reversed or modified by a court of competent jurisdiction.



**Section 9.08 - Re-submission of Application for a variance request**

No application for a Sign Ordinance variance shall be submitted to the Township or be formally considered by a Township board or any official (i.e. Zoning Board of Appeals or Planning Director) where such application has been previously denied or turned down by the Township unless the Township determines that either one (1) year has passed since the prior application was denied or the new application or project is substantially changed from the prior one. With regard to whether or not substantial changes have occurred since the prior application was denied, the Planning Director shall make the determination in the first instance. If the applicant disagrees with the Planning Director's determination, the applicant shall have thirty (30) days to appeal the Planning Director's determination to the zoning board of appeals. In determining whether substantial changes have occurred, the Planning Director (or on appeal, the Zoning Board of Appeals) shall consider:

- a. Whether the application has been substantially modified from the earlier one;
- b. Whether external conditions or circumstances have changed significantly so as to warrant a reconsideration of the application; or
- c. Whether new and material evidence has been discovered which would justify a reconsideration of the application or project and the failure to present such evidence at the first consideration was not the fault of the applicant.

**Section 9.09 - Removal of Signs by the Administrator**

If, upon inspection, the Administrator or Building Inspector finds that a sign is abandoned or structurally, materially or electrically defective, violates this Ordinance or in any way endangers the public, the Administrator or Building Inspector shall issue a written request to the sign owner and occupant of the premises stating the nature of the violation and requiring them to repair or remove the sign within 30 days of the date of the request. The request shall specify those sections of the Ordinance in violation and shall state that the alleged violation must be corrected or the decision must be appealed to the Zoning Board of Appeals.

The Administrator or Building Inspector may cause the removal of an illegal sign in cases of emergency, or for failure to comply with a written request for removal or repair. In cases of emergency, the Administrator or Building Inspector may cause the immediate removal of a dangerous or defective sign without notice. Signs removed in this manner must present a hazard to the public safety as provided in the BOCA Building Code.

After removal or demolition of the sign, a notice shall be mailed to the sign owner stating the nature of the work and the date on which it was performed and demanding payment of the costs as certified by the Administrator together with an additional twenty (20) percent for inspection and incidental costs.

If the amount specified in the notice is not paid within ninety (90) days of the notice, it shall become a lien against the property of the sign owner (unless the sign owner does not own the premises upon which the sign is located), and will be certified as an assessment against the property.

For purposes of removal, the definition of sign shall include all sign embellishments and structures designed specifically to support the sign.

**Section 9.10: Enforcement Procedures and Penalties**

**1. Enforcement** - The Administrator shall administer and enforce the provisions of this Sign Ordinance. The Administrator is authorized to utilize assistants and agents to aid him or her in the enforcement and administration of this Sign Ordinance.

**2. Violations** - Any person who violates any provision of this Sign Ordinance is responsible for a municipal civil infraction, subject to payment of a civil fine of not less than \$50.00 or more than \$500.00, plus costs and other sanctions, for each infraction. Every day that a violation continues shall constitute a separate offense.

**a. Repeat Offenses.** Repeat offenses under this Ordinance shall be subject to increased fines as provided below. As used herein, "repeat offense" means a second (or any subsequent) municipal civil infraction violation of any provision of this Sign Ordinance committed by a person within any one (1) year period and for which the person admits responsibility or is determined to be responsible. The increased fine for repeat offenses shall be as follows:

- 1) The fine for any offense which is a first repeat offense shall be not less than \$100.00, plus costs.
- 2) The fine for any offense which is a second repeat offense or any subsequent repeat offense shall be not less than \$500.00, plus costs.

**b. Persons Chargeable With a Violation.** Persons chargeable with a violation of the Sign Ordinance and subject to being responsible for a municipal civil infraction may include the following:

- 1) The owner, agent, lessee, tenant, contractor or any other person using or having control of the land, building or premises where such violation has been committed or shall exist;
- 2) Any person who knowingly commits, aids and abets, takes part or assists in any such violation; or
- 3) Any person who owns or maintains any land, building, or premise on which such violation shall exist.

**3. Civil Remedies** - In addition to the municipal civil infraction remedies provided above, the violation of any provision of this Sign Ordinance may be legally enjoined and otherwise abated in any manner provided by law.

**4. Administrative Remedies**

**a. Cease and Desist Orders** - The Administrator shall have the authority to issue a cease and desist order in the form of a written notice for the violation of any provision of this Sign Ordinance. A cease and desist order may be issued to any person referred to in Section 9.10(2) (b) hereof. Such cease and desist order shall become effective once it has been posted on the property where the violation has occurred and a copy of the notice has been sent to the person involved by first class mail at the person's last known address. Once a cease and desist order is effective, any use or work done in violation of the Sign Ordinance shall stop immediately and shall not be recommenced until the Administrator issues a written notice dissolving the cease and desist order. Any person who violates a cease and desist order shall be responsible for a municipal civil infraction as authorized above. Any decision of the Administrator regarding a cease and desist order may be appealed to the Zoning Board

of Appeals. A cease and desist order shall be in addition to the other violation penalties and remedies provided in this Section.

*b. Revocation of a Sign Permit* - In addition to the other remedies and penalties provided herein, the Administrator may revoke a sign permit for any sign which violates this Ordinance.

## **CHAPTER 10. SEVERABILITY AND CONFLICT WITH OTHER ORDINANCES AND CODIFICATION**

### **Section 10.01 - Severability**

The provisions of this Ordinance are severable and it is the intention of the Cascade Charter Township Board to confer the whole or any part of the powers herein provided. If any of the provisions of this Ordinance shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any remaining provisions of this Ordinance. It is hereby declared to be the legislative intent of the Township Board that this Ordinance would have been adopted had such unconstitutional provisions not been included therein.

### **Section 10.02 - Conflict with Other Ordinances**

To the extent that any other Ordinance regulates the subject matter regulated by this Ordinance, the Ordinances shall be construed together, if possible, and the remedies of the Ordinances shall be cumulative. Where the provisions of any other Ordinance conflict with the provisions of this Ordinance, this Ordinance shall prevail and its terms shall control. If any part of this Ordinance conflicts with any other part, it shall be administratively appealed to the Township Board for a final determination of intent. The remainder of the Ordinance shall remain in full force and effect.

### **Section 10.03 - Codification**

It is the intention of the Township Board that the provisions of this Ordinance shall become and be made a part of a Cascade Charter Township Development Code; and that sections of this Ordinance may be renumbered or re-lettered and the word "ordinance" may be changed to "section", "article", or such other appropriate word or phrase in order to accomplish such intentions; and regardless of whether such inclusion in the Code is accomplished, sections of this Ordinance may be renumbered or re-lettered, and typographical errors which do not affect the intent, may be corrected by the Township Board without need of Public Hearing, by filing a corrected or recodified copy of same with the Township Clerk and publishing such changes in a newspaper of general distribution within the Township within fifteen (15) days of such authorization.

## **CHAPTER 11. REPEAL OF PRIOR ORDINANCE**

The Cascade Charter Township Board does hereby repeal the Cascade Charter Township Sign Ordinance, effective January 3, 1989 (Ordinance 12 of 1988), and all amendments thereto.

## **CHAPTER 12. EFFECTIVE DATE**

This Ordinance shall become effective upon publication of this ordinance or a summary thereof which first appears in the newspaper after the date of adoption.

The foregoing Ordinance was offered by Member Goodyke, supported by Member Johnson, the vote being as follows:

YEAS: Carpenter, Goodyke, Johnson, Julien, Kleinheksel, Timmons

NAYS: None

ABSENT: Van Strien

ORDINANCE DECLARED ADOPTED.

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Marlene Kleinheksel  
Cascade Charter Township Clerk

#### CERTIFICATION

I hereby certify the foregoing to be a true copy of an Ordinance adopted at a Regular Meeting of the Cascade Charter Township Board on the third day of December, 1997.

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Marlene Kleinheksel  
Cascade Charter Township Clerk

<b>Community</b>	<b>Transition Time Allowed</b>
Kentwood	5 minutes
Ada	not allowed
Grand Rapids	5 seconds
Lowell	6 seconds
Wyoming	7 seconds
Byron	8 seconds
East GR	6 seconds
Middleville	2 seconds
Grandville	15 seconds
Walker	30 seconds
Rockford	not allowed
KCRC	2-4 seconds

**CASCADE CHARTER TOWNSHIP**  
**KENT COUNTY, MICHIGAN**

ORDINANCE NO. \_\_\_ OF 2018

**AN ORDINANCE TO AMEND CERTAIN PORTIONS OF THE CASCADE  
CHARTER TOWNSHIP SIGN ORDINANCE**

**Article 1.** Chapter 4 of the Cascade Charter Township Sign Ordinance is amended to read as follows:

**Awning/Canopy Sign** definition is deleted

**Changeable Copy Sign** – definition is deleted

**Construction sign** – definition is deleted

**Electronic Changeable Message Sign**- A sign upon which an electronic display or message is conveyed.

**Flashing Sign** - A sign which contains an intermittent or sequential flashing light source used to attract attention. This does not include electronic changeable message signs , animated signs, as defined in this Ordinance, or signs which through reflection or other means, create an illusion of flashing of intermittent light. (Compare with "Animated Sign" and "Electronic Changeable Message Sign").

**Non-commercial Temporary Sign**: A temporary sign which does not display a commercial message

**Trailer Sign** - A reusable and movable sign not permanently affixed in the ground, a structure or building.

**Real Estate Sign** – definition is deleted

**Sandwich Board Sign** – A ground sign constructed in such a manner as to form an “A” or a tent-like shape, hinged or not hinged at the top and not permanently secured or attached to the ground or surface which it is located.

**Article 2.** Section 5.01 is amended to read as follows:

The following types of signs are prohibited in all zoning districts:

1. Abandoned signs.
2. Air-filled or gas-filled balloon signs.
3. Animated signs.
4. Bench signs.
5. Festoons
6. Pennants

7. Trailer signs.
8. Rotating signs.
9. Signs imitating or resembling official traffic or government signs or signals.
10. Snipe signs.
11. Vehicles signs not used during the normal course of business which are parked or located for the primary purpose of displaying the advertising copy.
12. Roof Signs.
13. Sexually Graphic signs

**Article 3. Section 5.03 is amended to read as follows:**

The following types of signs are exempted from permit requirements but must be in conformance with all other requirements of this Ordinance:

1. Temporary signs of five (5) square feet or less.
2. On-premise directional signs of two (2) square feet or less.
3. Holiday decorations.
4. Public signs or notices, or any sign relating to an emergency.
5. Incidental signs, provided such signs do not occupy more than eight (8) square feet of advertising display area.
6. Product dispensers and point of sale displays provided they are not readable at a distance greater than three (3) feet.
7. Municipal Signs.
8. Light pole signs.
9. Sandwich board signs provided the following standards are met:
  - a. The sign area shall not exceed twelve (12) square feet per side.
  - b. Only one (1) sandwich board sign shall be permitted per business establishment.
  - c. The sign shall be located not more than ten (10) feet from the front entrance of the business it is advertising.
  - d. The sign shall be placed to allow a minimum 4' of clearance along the sidewalk .
10. Banner sign provided the following standards are met:
  - a. The sign area shall not exceed 20 square feet
  - b. The sign shall be attached to the wall of the building
  - c. The height of the sign installation shall not exceed 15 feet
  - d. Only one banner is allowed per business

**Article 4. Section 5.05 portion dealing with electronically changeable signs is amended to read as follows:**

**Signs with an electronically changeable display shall meet the following:**

1. A changeable sign, may not allow the display or message to change more frequently than once every six (6) seconds. Transitions from one static image to the next shall appear instantaneously without the appearance of animation, flashing or movement of any kind.

2. A changeable sign must have an ambient light monitor, which shall continuously monitor and automatically adjust the brightness level of the display based on ambient light conditions consistent with the terms of this article.

3. A changeable sign shall not exceed a brightness level of 0.3 foot candles above ambient light as measured using a foot candle (Lux) meter at a preset distance depending on sign area.

4. Certification must be provided to the township demonstrating that the changeable sign has been preset to automatically adjust the brightness to the stated levels or lower. Re-inspection and recalibration may be periodically required by the township to ensure that the specified brightness levels are maintained at all times. The recalibration shall be done at the townships discretion and at the sign owner's expense, and the brightness of changeable signs shall be measured as follows:

a. At least 30 minutes following sunset, a foot candle meter shall be used to obtain an ambient light reading for the location. This is done while the sign is off or displaying black copy. The reading shall be made with the meter aimed directly at the center of the sign area from a distance determined with the following formula: The square root of the product of the sign area multiplied by one hundred (100). Example using a twelve (12) square foot sign:

b. Measurement Distance =  $\sqrt{(12 \text{ Sq. Ft.} \times 100)} = 34.6$  as the determined setback.

c. The sign shall then be turned on to full white copy to take another reading with the meter at the same location.

e. If the difference between the readings is 0.3 foot candles or less, the brightness is properly adjusted and the sign is in compliance.

6. A sign lighting device shall employ only lights emitting a light of constant intensity and no sign shall be illuminated by or contain flashing, intermittent rotating or moving light or lights. No sign or lighting device shall be placed or directed to cast the beams and illumination upon a public road, highway, sidewalk or adjacent premises causing a traffic hazard or nuisance. Signs shall not have light sources or reflect brightness in a manner which constitutes a hazard or nuisance. This includes signs with fluorescent text, graphics or background, as well as holographic signs.

7. The use, size and location of ECM signs must comply with all other relevant regulations and ordinances of the township.

**Article 5. Section 5.06.1.d.1 is amended to read as follows:**

**1. Setbacks**

**a. No sign shall be placed in a location where it causes a hazard to vehicular or pedestrian traffic by depriving the driver or pedestrian of a clear and unobstructed view of approaching, intersecting or merging traffic.**

**b. Municipal Signs may be allowed in the public right-of-way with the approval from the appropriate governmental agency or on private property with the approval from the property owner. (Amended by Ord. No. 13 of 2000)**

**c. Development/Building Identification signs and Subdivision Identification signs may be placed in boulevard median strips if approved by the Kent County Road Commission and Cascade Charter Township as part of a Planned Unit Development.**



- d. Single-tenant directional signs may be located adjacent to a lot line. Multi-tenant directional signs shall be set back at least five (5) feet from the property line.
- e. Subdivision Identification signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s).
- f. Subdivision Identification signs, Development/ Building Identification signs and Municipal signs shall be ground mounted and shall not exceed five (5) feet in height. (Amended by Ord. No. 13 of 2000)

Article 6. Section 5.07 is amended to read as follows:

- 1. A wall sign shall not project beyond the ends of the wall to which it is attached;
- 2. A sign shall not project into the public right-of-way of any adjacent street.
- 3. A freestanding sign, shall not exceed the sign height restriction allowed in the applicable zoning district, as found in this Ordinance. No sign shall create an obstructed view of approaching traffic;

Article 7. Section 5.08 is deleted and held open for future use

Article 8. 6.01 is amended to read as follows:

The following signs are allowed in all zones:

- 1. All signs not requiring permits (Section 5.03) except incidental signs, product dispersive and point-of-sale displays shall not be located in any residentially zoned district.
- 2. One (1) temporary sign for each street frontage of a construction project, not to exceed 64 square feet in sign area. Such signs may be erected thirty (30) days prior to beginning of construction and shall be removed thirty (30) days following completion of construction.
- 3. One (1) temporary sign per lot or premises, according to the following:

One (1) freestanding temporary sign per zone lot (only non-commercial temporary signs in R1, R2,ARC, FP zones) Regardless of the number of businesses, commercial establishments, buildings or tenants per lot, only one (1) such sign shall be permitted per lot in compliance with Table 6.01A below.

**TABLE 6.01A**

<b>SIZE OF PARCEL</b>	<b>SIGN AREA (square feet)</b>	<b>SETBACK</b>
<b>Under 2 acres</b>	<b>5 sqf</b>	<b>5</b>
<b>2-5 acres</b>	<b>32 sqf</b>	<b>10</b>
<b>More than 5 acres</b>	<b>64 sqf</b>	<b>20</b>

4. One (1) property address sign per premises which only identifies the address number and street. Such sign shall not exceed five (5) square feet.

5. One (1) nameplate or under-canopy sign per premises, provided such sign does not exceed eight (8) square feet.

6. Municipal signs up to 64 square feet. (Amended by Ord. No. 13 of 2000)

**Article 9. Section 6.02 is amended to read as follows:**

The following signs are allowed in the ARC, FP, R-1 and R-2 zoning districts.

1. All signs permitted in Section 6.01 of this Ordinance.
2. One (1) subdivision identification sign per entrance road for each subdivision development not to exceed sixty-four (64) square feet in sign area. Signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s).
3. For permitted non-residential uses, including churches and synagogues, one (1) freestanding sign not to exceed sixty-four (64) square feet in sign area and 5 feet in height. Signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s). Wall signage not to exceed forty-eight (48) square feet in sign area.
4. Flags of any nation, or state and seasonal or thematic flags.
5. One (1) non-illuminated sign per property not to exceed five (5) square feet for a lawful home occupation use, day care or foster care use on the property.

**Article 10. Section 6.03..2 and .3 shall be amended to read as follows:**

2. One (1) freestanding permanent sign per zone lot. Regardless of the number of businesses, commercial establishments, buildings or tenants per lot, only one (1) such sign shall be permitted per lot One (1) freestanding permanent sign per zone lot. Regardless of the number of businesses, commercial establishments, buildings or tenants per lot, only one (1) such sign shall be permitted per lot in compliance with Table 6.03A below.

TABLE 6.03A

SETBACK (feet)	SIGN AREA (square feet)	HEIGHT (feet)
5	30	5
10	42	6
15	56	7
20	64	8
25+	72	9

Note: F OR SETBACKS DIFFERENT THAN THOSE LISTED ABOVE, SELECT THE SIGN AREA AND HEIGHT THAT CORRESPONDS TO THE NEXT LOWER SETBACK.

3. One of the following wall signs are permitted:

- a. Wall signage or marquee per building not to exceed one hundred (100) square feet in total sign area; or
- b. In the event the building has multiple commercial establishments, each commercial establishment's space will be permitted wall signage equal to one and one half square foot for each lineal foot of building frontage (i.e., building frontage on the ground for the front of the building) that each respective commercial establishment occupies, not to exceed a sign length of more than two-thirds of the subject frontage.

**Article 11. Section 6.04.2 and .3 shall be amended to read as follows:**

2. One (1) freestanding sign, one (1) point-of-sale sign, or one (1) development/building identification sign per building. Such sign shall not exceed a height of 30 feet and a total sign area equal to two (2) square feet for each five (5) feet of lot frontage as measured at the building setback line. In no event shall the sign exceed one hundred twenty-five (125) square feet in sign area. Sign height and setback will be determined as follows:

Table 6.04 a

MINIMUM SETBACK (feet)	MAXIMUM HEIGHT (feet)
5	10
10	15
15	20
20	25
25+	30

3. One of the following signs are permitted:

- a. Wall signage or marquee per building, not to exceed one-hundred (100) square feet in total sign area, or;
- b. In the event the building has multiple commercial establishments, each commercial establishment's space will be permitted wall signage equal to one square foot for each lineal foot of building frontage (i.e., building frontage on the ground for the front of the building) that each respective commercial establishment occupies, not to exceed a sign length of more than two-thirds of the subject frontage.

**Article 12. Section 6.05.2 and .3 shall be amended to read as follows:**

2. One (1) freestanding sign, one (1) point-of-sale sign, or one (1) development/building identification sign per building. Such sign shall not exceed a height of five (5) feet and a total sign area equal to two (2) square feet for each ten (10) feet of lot frontage as measured at the

building setback line. In no event shall the sign exceed eighty (80) square feet in sign area. A freestanding sign may be a consolidated tenant sign identifying each tenants name. Signs may be located a minimum of 25 feet from the pavement of the adjacent roadway(s) and in any event, no closer than five (5) feet to any lot line(s).

3. One of the following wall signs are permitted:

A. Wall signage or marquee per building not to exceed one hundred (100) square feet in total sign area; or

**Article 13.** Except as expressly amended in this Ordinance/Ordinance Amendment, the balance of the Sign Ordinance shall remain unchanged and in full force and effect.

This Ordinance/Ordinance Amendment shall take effect and be in force seven (7) days after publication of this Ordinance/Ordinance Amendment or a summary thereof in the newspaper.

The foregoing Ordinance was offered by Board Member \_\_\_\_\_, supported by Board Member \_\_\_\_\_. The roll call vote being as follows:

YEAS:

NAYS:

ABSENT:

\_\_\_\_\_  
Sue Slater  
Cascade Charter Township Clerk

#### CERTIFICATION

I hereby certify the foregoing to be a true copy of an Ordinance adopted at a Regular Meeting of the Cascade Charter Township Board on the 14<sup>th</sup> day of February, 2018.

\_\_\_\_\_  
Sue Slater  
Cascade Charter Township Clerk

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## MEMORANDUM

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**To:** Cascade Charter Township Board  
**From:** Steve Peterson, Community Development Director  
**Subject:** One-year review of CTRA boat ramp  
**Meeting Date:** February 14, 2018

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Attached is the original staff memo along with the decision letter for the CTRA boat ramp. Since the Township Board approved the boat ramp we have had no complaints regarding the usage of the ramp nor have we observed any operational issues. The CTRA has asked for a slight modification to the permitted time for the boat ramp to include all of April and all of May

Staff would recommend that the Special Use permit be approved without the need for the one-year review (condition #4) and with the requested modification.

**Attachments:**

- Original Staff Report
- TB decision letter
- Original conditions

**STAFF REPORT:** Case No. 16-3303  
**REPORT DATE:** May 17, 2016  
**PREPARED FOR:** Cascade Charter Township Board  
**MEETING DATE:** May 25, 2016  
**PREPARED BY:** Steve Peterson, Planning Director

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**APPLICANT:**

Cascade Thornapple River Assoc.  
PO Box 888401  
Grand Rapids MI, 49588

**OWNER:**

Scott Rissi  
7238 Cascade Rd.  
Grand Rapids, MI 49546

**STATUS OF APPLICANT:** Association.

**REQUESTED ACTION:** Type II Special Use Permit to allow river association members to launch and retrieve boats at 7238 Cascade Rd.

**EXISTING ZONING OF SUBJECT PARCEL:** R-2, Residential

**GENERAL LOCATION:** West side of Cascade Rd. just north of 36<sup>th</sup> St.

**PARCEL SIZE:** Approximately 1.06 Acres

**EXISTING LAND USE ON THE PARCEL:** Residential.

**ADJACENT AREA LAND USES:** Residential

**ZONING ON ADJOINING PARCELS:** All R-2, Residential

**STAFF COMMENTS:**

- A. The applicant is requesting a Type II Special Use permit pursuant to subsection 4.33 (10)(b) of the Zoning Ordinance (see below). This subsection is a portion of the "keyhole" regulations (section 4.33).
- b. Any easement, private park, common area, or access property having frontage on a lake, river, or stream which provides access to such body of water for more than one (1) single-family home, dwelling unit, condominium unit, apartment unit, lot, or parcel, and which lawfully existed for such use as of November 21, 1995 shall not have any dock, boat ramp, or boat mooring site unless such use is approved as a special use.*
- B. This Special Use Permit would allow the Cascade Thornapple River Association to use the boat ramp at 7238 Cascade Rd to give all its members access to the Thornapple River.
- C. The CTRA extends from the Cascade Dam to 68<sup>th</sup> St. there are approximately 150 members of the association. There are numerous ramps along this stretch of the river. The last survey the township did we found about 27. Some of these are for association uses, such as Goodwood, Maracaibo Shores, Whispering ridge, Kilmer.
- D. The property owner has indicated that he is willing to allow the CTRA members access to the river from his home. The intent would be to allow access to those that do not have good access (high banks or other obstacles) but not for anyone other than CTRA members. He has even indicated that this could be temporary use.
- E. The CTRA has been looking for a launch site to assist their members who have legal access but have obstacles in gaining access to the river. They have never been able to put a plan together that satisfied their membership.
- F. The property is a little over 1 acre and has a long drive access to the river that could provide access without backing up traffic on Cascade Rd.
- G. We approved the Goodwood boat ramp in 2008 for the property owners in their subdivision. There was some concern from neighbors at the time the permit was being sought, but we have not had operational issues since that ramp went in.
- H. In order to control access to the ramp they are proposing an appointment system with the property owner.
- I. The Association has also submitted a list of adopted rules in order to control this common access site.

- J. In formulating recommendations or approving any Special Use, the Planning Commission and Township Board must find that the following general standards are met.

<i>Findings of Fact</i>	
Be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the area in which the use is proposed.	The ramp is similar to the numerous other ramps on the river.
Be adequately served by essential facilities and services such as highways, streets, police and fire protection, drainage, refuse disposal, water and sewer facilities and schools.	The property has adequate room for vehicles to enter and maneuver on the site without interfering with Cascade Rd.
Not create excessive additional requirements at public cost for public facilities and services.	No additional public cost would be associated with the project.
Not cause traffic congestion, conflict or movement in greater proportion to that normally prevailing for the use in the particular zoning district.	Access is off from Cascade Rd. The ability for vehicles and trailers to maneuver on site will not cause any traffic problems on Cascade Rd. The site is intended only for those CTRA members who do not have good access. However, it would allow access to any CTRA member under the rules proposed.
Not involve uses, activities, processes, materials, equipment or conditions of operation that will be detrimental to any persons, property, or the general welfare by reason of noxious or offensive production of noise, smoke, fumes, glare, vibration, odor or traffic	The rules proposed by the Association would restrict this ramp more so than other sites on the river.
All applicable federal, state and local licensing regulations shall be complied with, initial and annual proof of such compliance shall be a condition of special use approval and the continuance thereof.	A review after one-year approval to consider the operation would be a good way to ensure the property is in compliance and any unforeseen problems could be addressed.



The Planning Commission discussed this project at their May 16, 2016 meeting and recommended approval with the conditions being proposed.

**STAFF RECOMMENDATION:**

Staff recommends that the Township Board approve the Type II Special Use permit under the conditions recommended by the Planning Commission:

1. Approval of the proposed CTRA Boat launch rules you submitted.
  - i. As well as the following township conditions:
2. The CTRA add a rule that would require the Association to notify the Township Board of any proposed rule changes to the use and restriction for the launch site.
3. The township should be allowed to revoke launching privileges and/or close the launch site for violations.
4. Permit is granted for one year at that time this could be reviewed again by the Township for approval and/or modifications to the special use permit.
5. Member use only.
6. This approval is only good for the current property owner.
7. The property owner has the right to terminate the agreement with the CTRA.

Attachments:           Application w/attachments  
                              Location Map



# CASCADE CHARTER TOWNSHIP

2865 Thornhills SE Grand Rapids, Michigan 49546-7140

May 26, 2016

Scott Rissi  
President  
Cascade Thornapple River Association  
PO Box 888401  
Grand Rapids MI 49588

Re: Case 16-3303 CTRA boat launch

Dear Mr. Rissi:

This is your notice of the regular meeting of the Cascade Township Board on May 25, 2016. At that meeting the Township Board awarded approval for your request to have a boat launch at 7238 Cascade Rd. under the following conditions:

1. Approval of the proposed CTRA Boat launch rules you submitted.
  - i. As well as the following township conditions:
2. The CTRA add a rule that would require the Association to notify the Township Board of any proposed rule changes to the use and restriction for the launch site.
3. The township should be allowed to revoke launching privileges and/or close the launch site for violations.
4. Permit is granted for one year at that time this could be reviewed again by the Township for approval and/or modifications to the special use permit. The first review will be done in January of 2018.
5. Member use only.
6. This approval is only good for the current property owner.
7. The property owner has the right to terminate the agreement with the CTRA.

If you have any questions, please call me at 949-0224.

Sincerely,  
Cascade Charter Township

Steve Peterson, AICP  
Planning Director

Assessing  
949-6176

Building  
949-3765

Buildings & Grounds  
682-4836

Clerk  
949-1508

Fire  
949-1320

Manager  
949-1500

Planning  
949-0224

Treasurer  
949-6944

## **Proposed Conditions for Cascade Thornapple River Association (CTRA) Boat Launch use.**

1. Launching will be limited for Members of the CTRA. Members who have deeded access to the river, and a legal dock in which to park at within Cascade Township.
2. Launching will be by appointment only, appointments to be scheduled at property owner's discretion at a reasonable time.
3. Access shall be no greater than:
  - a. April 10<sup>th</sup> and running through the 2<sup>nd</sup> Sunday in May: 9:00AM--to 9:00 PM.
  - b. SEPTEMBER THROUGH THE 1<sup>ST</sup> Sunday in November: 9:00AM--to 9:00 PM.
4. NO day time use. The site is intended for spring launch and fall retrieval only. Emergency's such as repairs or sold homes will be at the property owner's discretion and handled on a per time basis by appointment only.
5. All users will sign the waiver of liability before use of the site and abide by it.
6. No parking is allowed on site, this includes watercraft parking at the ramp dock.
7. Watercraft are not to be left at the dock or on-site unattended.
8. It is expected that your launch/retrieval should not last more than 20 minutes. This includes prep time.
9. Vehicles will be driven in designated areas only, unless directed otherwise by the property owner.
10. Mechanical repairs, washing, fueling, or maintenance of any kind is not allowed on site.
11. Appointment's that are scheduled may need to be rescheduled in the event of heavy rain. This will be done at the property owner's discretion.
12. You are expected to be prepared, do not expect help from the property owner, he/she is not there to watch your vessel, repair it, or drive it home for you.
13. Any rule changes (with the exception of fee changes) will be presented to the township for review before being implemented.
14. Family/ Children are to remain in their vehicles and not to use play structures or the yard/facilities/property of property owner or adjacent neighbors.
15. This is private property and you are a guest. Property owner will have right to revoke your launching privilege at any time for any reason with written notice.
16. The current fee will be \$100 per season per household. Fees are collected by the CTRA.
17. The ramp is not slip free and caution should be used anytime you walk or transport across it. There is no guarantee of condition or usability of the site, it is watercraft owners, or responsible party, responsibility to verify site is adequate for his/her needs.

Watercraft is defined as anything using the ramp to be transported above or below the water; this includes but is not limited to docks and shore stations floated off or on site for transportation. Property owners are defined as Scott and Hazel Rissi, owners of 7238 Cascade Rd.

**Steve**

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**From:** Scott Rissi <scott@thornappleinc.com>  
**Sent:** Tuesday, January 23, 2018 1:57 PM  
**To:** Steve  
**Subject:** Re: CTRA ramp

That date will work fine for me.

I would like to respectfully request a couple minor changes to the rules.

1. Previously we stated a representative (usually me or my wife) would be present when people used the launch. Since many people have used the launch now I would like to have discretion on who needs us present and who no longer needs supervision.
2. Rule 3 a. Currently reads:
3. Access shall be no greater than:

1. April 10<sup>th</sup> and running through the 2<sup>nd</sup> Sunday in May: 9:00AM--to 9:00 PM.

2. I propose we change it to Read:

3. April thru May: 9:00AM--to 9:00 PM.

I would not change the rest of the rule section (b.)

I would make this request since many marinas wish to use the site the week prior to river draw down, which can sometimes falls as early as April 8th. I also had a lot of people request to use the ramp on the holiday weekend in May as that was when they had time to prepare there boats. And frankly it is just easier to explain and remember.

Aside from this request I have no other concerns or incidents to report at this time. Things went smoothly, most people are respectful of the yard and heavy rains. Marinas continue to seem to be the ones that need the most help/reminders. I am aware of two instances where a person came thru with out notifying us, while we were not home. 1 instance I forgot to lock it on a Saturday night, and the other it appeared they either didn't use the ramp, just backed up to it, or if they did, must have pulled the post out of the ground and replaced it later. Both times we where at church. This season I plan to install a better gate/lock system. Something more secure/permanent than a cable between a couple posts. I had

been delaying this so I could understand what we need better, and really it appears this works fine, we just need to secure the posts to the ground better.

My notes from the 2017 year show 39 members watercraft where launched. 3 boat lifts launched. 12 special requests where accommodated during the summer for repairs or vacation use. 11 Members had more than one watercraft. (Ski Boat + Pontoon, or Jet Ski). 0 Neighbor complaints.

Scott Rissi

**From:** [Steve](#)

**Sent:** Tuesday, January 16, 2018 4:47 PM

**To:** <mailto:Scott@thornappleinc.com>

**Subject:** CTRA ramp

We need to schedule the annual review. I have it on my calendar for the TB meeting on 2/14. Does that work for you? if not then the 2/28 meeting

Steve

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**FIRE DEPARTMENT MEMORANDUM**

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**TO:** DENISE BIEGALLE – DEPUTY CLERK  
**FROM:** ADAM MAGERS – FIRE CHIEF  
**SUBJECT:** RESOLUTION FOR ROAD CLOSURES FOR JULY 4<sup>TH</sup> 2018  
**DATE:** FEBRUARY 8, 2018  
**CC:** TOWNSHIP BOARD

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Attached is a resolution for road closures for July 4<sup>th</sup>, 2018. Listed are the roads and times they will be closed on July 4<sup>th</sup> for the parade and celebration. This is the same closures that were approved last year.

I request that this resolution be approved for the road closures on July 4<sup>th</sup> 2018.

**Cascade Charter Township**  
**Kent County, Michigan**  
Resolution No. -2018

**The Cascade Charter Township Board Hereby Resolves:** Cascade Charter Township to hold a 4<sup>th</sup> of July Celebration using Cascade Road, 28<sup>th</sup> Street and Jacksmith Drive;

**Whereas,** Cascade Charter Township has held a July 4<sup>th</sup> Parade and Celebration for the past 24 years; and,

**Whereas,** Cascade Charter Township desires to close streets and hold a parade on July 4<sup>th</sup> 2018 starting from the intersection of Cascade Road and Burton Street, then proceeding East on Cascade Road to 28<sup>th</sup> Street, then proceeding West on 28<sup>th</sup> Street, ending at Thornhills Drive. The street closure will start at 9:15 a.m., and continue until about 11:45 a.m.; and,

**Whereas,** Cascade Charter Township desires to close Jacksmith Drive for the Annual Cascade July 4<sup>th</sup> Celebration on Jacksmith Drive on July 4, 2018. The street will be closed from 7:30 a.m. – 5:00 p.m. for set up and removal of equipment and the street fair operation from 11:30 a.m. to 3:30 p.m.; and,

**Whereas,** the Kent County Sheriff will be on special patrol starting at 7:00 a.m. until 3:30 p.m. for both the parade and celebration to provide traffic control for the general public.

**Therefore, Be It Resolved,** that the Cascade Charter Township Board respectively request that the Kent County Road Commission issue a permit allowing Cascade Charter Township to close Cascade Road, 28<sup>th</sup> Street and Jacksmith Dr. on July 4<sup>th</sup> 2018 as noted above for the annual Cascade Township July 4<sup>th</sup> Celebration.

The forgoing Resolution was offered by \_\_\_\_ and supported by \_\_\_\_\_. The roll call vote being as follows:

YEAS  
NAYS  
ABSENT

**RESOLUTION DECLARED ADOPTED.**

\_\_\_\_\_  
Susan B. Slater  
Township Clerk

**CERTIFICATION**

I hereby certify the above to be a true copy of a Resolution adopted by the Cascade Charter Township Board at a Regular Board Meeting held at the Wisner Center on the day of February 14, 2018 at 7:00 p.m., pursuant to the required statutory procedures.

Dated:

By \_\_\_\_\_  
Susan B. Slater  
Township Clerk



# CASCADE CHARTER TOWNSHIP

2865 Thornhills SE Grand Rapids, Michigan 49546-7140

**Date:** February 14, 2018  
**To:** Supervisor Beahan and Township Board Members  
**From:** Ben Swayze, Township Manager  
Adam Magers, Fire Chief  
**Subject:** 4th of July Celebration 2018 – Funny Business Contract

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## **FACTS:**

Cascade Charter Township puts on an annual 4<sup>th</sup> of July celebration. The event, which typically takes place on the actual 4<sup>th</sup> of July, runs all day with several activities including a parade, massive used book sale (sponsored by the Friends of the Cascade Library), street festival with rides, games and activities, food, music and fireworks display (co-sponsored by Ada Township). The celebration is well attended and in estimation draws over 10,000 residents and visitors throughout the day.

In years past, the Township has partnered with Funny Business, an entertainment agency out of Ada Township, to provide the bulk of the street festival for the event. In addition to all the rides/games/activities and necessary labor to run the event, Funny Business also provides:

- On-site event management and coordination
- Pre-event site inspection
- Professional flyer for promotion
- Liaison between Township and exhibitors and vendors
- Event staffing
- Liability insurance
- Set/strike of all equipment

Attached for your review are:

- Proposed contract from Funny Business for 2018 4<sup>th</sup> of July Event

## **ANALYSIS & CONCLUSIONS:**

Funny Business has been the street festival partner for the Cascade Township 4<sup>th</sup> of July Celebration for over 15 years. The relationship is well established and Funny Business maintains a vast institutional knowledge on the event. In 2014 the Township considered other vendors, but ultimately chose to retain Funny Business to ensure the continued success of the event.

The 4<sup>th</sup> of July committee has reviewed the proposed contract, which essentially remains the same as last year with the exception of a few rides and activities that are rotated in and out of the line-up. A list of the proposed features for this year can be found in the proposed contract. The



4<sup>th</sup> of July committee is recommending that the Township Board approve the proposed contract with Funny Business for the 2018 4<sup>th</sup> of July celebration.

**FINANCIAL CONSIDERATIONS:**

The proposed price for the 2018 4<sup>th</sup> of July Celebration contract with Funny Business is \$42,375, which represents a \$500 (1.1%) increase over the 2017 contract. This is a budgeted item, and the Township actively seeks sponsorships to offset the cost of the event. The Township typically receives between \$15,000 and \$20,000 in sponsorships each year.

**RECOMMENDED ACTION:**

Approve the 2018 4<sup>th</sup> of July Celebration Contract with Funny Business

Tuesday, January 16, 2018

## THANK YOU FOR YOUR BUSINESS!

To ensure quick and easy processing of the contract please follow these guidelines:

All signed contracts and completed data sheets should either be:

Emailed to [alicia@funny-business.com](mailto:alicia@funny-business.com) or

Faxed to 888.308.9644

Deposits via check should be made payable to: Funny Business Agency, Inc.

A credit card form is attached if this is your preferred method of payment.

Our Federal Tax ID# is [REDACTED]

NOTE: All contracts and deposits are due within 5 business days unless otherwise specified in the Additional Agreement Provisions of the contract

### **\*\*NEW ADDRESS\*\***

**Mailing Address:**

Funny Business Agency

*Mailing:* PO Box 1052

*Shipping:* 519 Ada Dr SE STE #101

Ada, MI 49301

If you have any questions, please call (888) 593-7387 x100 or email [alicia@funny-business.com](mailto:alicia@funny-business.com)





P: (888) 593.7387

F: (888) 308.9644

E: info@funny-business.com

www.funny-business.com

**CONTRACT ID#: 95047** (please refer to contract ID for all correspondence)

The undersigned ARTIST and PURCHASER agree to the following terms on: **January 16, 2018**

- 1. NAME OF ARTIST/EVENT: **See Exhibit A**
- 2. PURCHASER INFORMATION: **Cascade Charter Township  
Adam Magers  
2865 Thornhills Drive SE  
Grand Rapids, MI 49546  
PHONE:6169491320 FAX:6169493918**
- 3. PERFORMANCE DAY(S)/DATE(S): **7/4/2018 to 7/4/2018**
- 4. PERFORMANCE PLACE: **Cascade Library/Notos: 2870 Jack Smith Ave SE, Grand Rapids, MI 49546**
- 5. ESTIMATED ARRIVAL TIME: **8:30:00 AM**  
SHOWTIME: **11:30:00 AM to 3:30:00 PM**  
TOTAL AMT OF TIME: **4 hours**
- 6. AGREED PRICE: **\$42375**  
Deposit of **\$21187.50** to be sent with signed contracts.  
Balance of **\$21187.50** (see Additional Agreement Provisions).

All checks should be payable to: **Funny Business Agency, Inc. Our FED ID# 38-3227974**

7. LODGING: **No**

**8. ADDITIONAL AGREEMENT PROVISIONS:**

Rider: \_ (see any attached rider if yes)

Purchaser to provide Sound?: **No** Stage?: **No** Lights?: **No**

Purchaser agrees to mail signed contract and deposit of **\$21187.50** within 5 business days to secure entertainment. Balance of **\$21187.50** to be paid no later than 6/20/18. The information on the attached addendum is incorporated as part of this agreement. Full amount due rain or shine. See attached Exhibit A for carnival package and additional terms and conditions. Purchaser to provide: two generators if/as needed for inflatables/rides; access to existing power supplies; space for set-up on library and Noto's grounds.

AGREED BY FUNNY BUSINESS AGENCY, INC      AGREED BY OFFICIAL PURCHASER REPRESENTATIVE:

BY: \_\_\_\_\_ DATE: 1/16/18      BY: \_\_\_\_\_ DATE: \_\_\_\_\_



## **Addendum to Contract # 95047**

- 1) It is understood that the AGENCY is an independent contractor and that the AGENCY and its' sub-contractors shall have exclusive control over, and means, method and details of, fulfilling the obligations under this contract, except for performing time(s).
- 2) Funny Business Agency, Inc., agrees to refund to the PURCHASER any advances or deposits received from the PURCHASER in the event that the AGENCY or its' sub-contractors cancels the contract and AGENCY cannot arrange comparable interactive event equipment that is acceptable to the PURCHASER. The foregoing rights of cancellation shall be in addition to any other provision(s) regarding cancellation in this contract. Failure by the PURCHASER to present the engagement, except in a Force Majeure occurrence, does not relieve PURCHASER of obligation to pay in full. Inclement weather shall not be deemed a Force Majeure occurrence and does not relieve Purchaser of obligation to pay in full.
- 3) The AGENCY agrees to perform and discharge all obligations as an independent contractor under any and all laws, whether existing or in the future, in any way pertaining to the engagement hereunder, including but not limited to social security laws, worker's compensation insurance, income taxes, state employment insurance taxes or contributions, and public liability insurance.
- 4) Force Majeure: Notwithstanding any other provision of this agreement, in the event that the performance of any obligation under this contract by any party to this contract (AGENCY or its' sub-contractors or PURCHASER) is prevented due to acts of God, any government restriction, wars, hostilities, civil disturbances, revolutions, strikes, terrorist attacks, lockouts, or any other cause beyond the reasonable control of any party, then such party shall not be responsible to the other parties for failure of performance in its obligations under the agreement. Inclement weather shall not be deemed a Force Majeure occurrence.
- 5) The parties agree that this agreement represents the full and complete understanding between them, and there are no other oral or verbal understandings except as set forth in this contract. Any controversies arising between the AGENCY and the PURCHASER pertaining to this contract shall be resolved by the courts of the state wherein the engagement was, or was to be performed.
- 6) The Official Purchaser Representative, in signing this contract, warrants that he signs as a properly authorized representative of PURCHASER.
- 7) In the event that the AGENCY is required to place the collection of any sums due under this contract in the hands of an attorney for collection, or sums due are collected by suit or through a court bankruptcy, then the PURCHASER agrees to pay all court costs, interest and actual attorney fees incurred as a result of such collection efforts.
- 8) In the event Purchaser fails or refuses to provide any of the items as herein stated, or fails or refuses to make any of the payments as provided herein or to proceed with the Engagement, AGENCY shall have no obligation to perform this agreement and shall retain any amounts theretofore paid to Funny Business Agency, Inc., and Purchaser shall remain liable for the full balance of the contract price herein set forth.



P: (888) 593.7387

F: (888) 308.9644

E: info@funny-business.com

[www.funny-business.com](http://www.funny-business.com)

- 9) Purchaser hereby indemnifies and holds Funny Business Agency, Inc., as well as their respective agents, sub-contractors, representatives, principals, employees, officers and directors, harmless from and against any loss, damage or expense, including reasonable attorney's fee, incurred or suffered by or threatened against AGENCY or any of the foregoing in connection with or as a result of (a) Purchaser's negligence, act(s) or omission(s) or breach of this contract or (b) any claim for personal injury or property damage or otherwise brought by or on behalf of any third party person, firm or corporation as a result of or in connection with the Engagement, which claim does not result from the active and willful negligence of the AGENCY or its sub-contractors.

AGREED TO BY: \_\_\_\_\_ DATE: \_\_\_\_\_



## EXHIBIT A

**Event Date:** Wednesday, July 4, 2018 from 11:30AM-3:30PM

**Event Location:** Cascade Library Grounds + Noto's Parking Lot in Grand Rapids, MI

**Services included:**

- On-site event management and coordination
- Pre-event site inspection
- Map/lay-out of activities
- Template of promotional flyer listing attractions and sponsors
- Liaison between exhibitors, township and vendors
- Event staff
- Liability insurance with Cascade Township listed as additionally insured
- Set/strike of all equipment
- Extensive knowledge of the event and how it's run as a result of 15+ years of working together

**Purchaser to provide:**

- Access to event space day/night prior
- Access to power on Noto's building, Library exterior and township breakers plus (2) generators
- Set-up of tables and chairs

**Payment Terms:** 50% deposit due with signed contract; balance in full 2 weeks prior to event. Full amount due rain or shine.

**Mechanical Rides and Climbing Walls**

Mobile Zip Line with Dual Lines

Dixie Twister

Turbo Tubs

Pirates Revenge

Bumper Cars

Quad Bungee

Trackless Train

(2) Hard-sided Rock Walls with multiple climbing stations on each

**Unique, Eye-Catching Inflatables**

The Edge Slide (3 stories tall!)  
Ultimate Challenge  
100' Extreme Obstacle Course  
Rocket Turbo Slide  
All Sports Arena  
Ahoy Matey  
Dragon Hide-n-Slide  
Bounce House  
Rescue Squad  
Barnyard Petting Zoo – NEW  
School Bus Combo  
Soccer Darts – NEW  
9 Hole Inflatable Mini Golf - NEW

**Other Attractions**

- High Striker
- (3) Rings of Pony Rides
- (2) Face Painters
- (2) Airbrush Artists

**Tents, Tables, Toilets and Chairs**

- (3) 20'x40'
- (2) 10'x10'
- 30'x75'
- (95) 8' Tables
- (400) Chairs
- (9) Standard Porta-Jons
- Handicap Porta-Jons



# CASCADE CHARTER TOWNSHIP

2865 Thornhills SE Grand Rapids, Michigan 49546-7140

**Date:** February 14, 2018  
**To:** Supervisor Beahan & Cascade Township Board  
**From:** Benjamin Swayze, Township Manager  
Brian Wilson, Director of Inspections  
**Subject:** Wisner Center A/V System Upgrade

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## **FACTS:**

In 2015 the Township completed an upgrade of the A/V system in the Wisner Center. During that upgrade, the Township focused on digital conversion of the video components including upgrades to the projectors, screens, cameras, computers, monitoring, wiring and processors. At the time, the Township chose not to upgrade the audio system or controller systems as a significant upgrade was not available. While those components were at the end of their useful lives, we would have been replacing those units with similar components.

In late 2017 we experienced a failure of the audio portion of our A/V system. While we have made the necessary repairs to continue to operate the system, the full system is in need of replacement. Unlike 2015, our technology contactor has indicated that there is now an upgrade available for our audio system. In addition, there is an upgrade available to our controller system which will be needed in order to implement the audio upgrades.

The following upgrade has been proposed:

- New Audio Processor Equipment (2)
- New Controller Processor Equipment (1)
- New Creston Controllers (2)

Attached for your review are:

- Quote for Upgrade of the Wisner Center A/V System
- Brochure information on some of the upgraded equipment

## **ANALYSIS & CONCLUSIONS:**

It is clear that our current audio system has reached the end of its useful life and replacement is needed. Given changes in technology an upgrade to the controller system is also needed. Our previous audio system lasted 20 years, and we would anticipate that this audio system would have a similar useful life. By upgrading the audio and controller systems, the Wisner Center would contain a state-of-the-art A/V system. If the Township chooses not to upgrade the audio system we can continue to repair our current system. However, we run the risk of limited or unavailable parts as well as significant and unexpected downtime. In December and January we had at least 3 Board and/or Commission meetings we were unable to record and amplification was unavailable.



**FINANCIAL CONSIDERATIONS:**

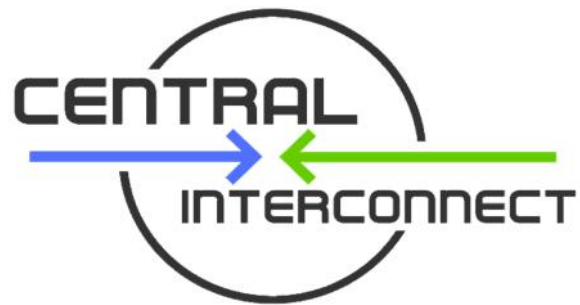
This project is not budgeted. The cost breakdown for the project is as follows:

· Base Bid – Audio/Controller Upgrade	\$9,333.18
· Engineering	\$279.99
· Frieght	\$219.84
· Labor	\$5,430.00
<i>Total</i>	<i>\$15,263.01</i>

If the project is approved by the Township Board, the board will also need to approve a budget amendment to cover the project cost, which will need to be made in the library fund. The library fund balance currently sits at approximately \$2.1 million and has a budgeted FY2018 surplus of \$50,000.

**RECOMMENDED ACTION:**

To approve the Wisner Center Audio & Controller System upgrade project.



Cascade Township Library  
Meeting Room Control & Audio DSP Replacement  
v1.0  
January 5, 2018

Cascade Township  
 2865 Thornhills SE  
 Grand Rapids, MI 49546



Central Interconnect, Inc.  
 1425 Coit NE  
 Grand Rapids, MI 49505

Jan 5, 2018

Attn: Brian Wilson

Sales: Mike Smith 616-732-1034

Central WO# quote

Qty	Mfgr	Model	Description	Unit	Amount
<b>Cascade Library</b>					
<b>Replace "End of Life" Audio DSP</b>					
2	QSC	CORE 110f	Unified Series Core with 24 local I/O channels, 128x128 network I/O channels, dual LAN ports, telephone POTS, 16x16 GPIO, 16 AEC channels, 1RU	2,430.00	4,860.00
0				0.00	0.00
<b>Replace "End of Life" Crestron Control</b>					
<b>Control Processor</b>					
0				0.00	0.00
1	Crestron	AV3	3 Series Control System Processor	2,970.00	2,970.00
0				0.00	0.00
<b>Podium Touch Screen Controller</b>					
0				0.00	0.00
1	Crestron	TSW-560-B-S	5" Touch Screen, Black Smooth	675.00	675.00
0				0.00	0.00
<b>Commission Table Touch Screen Controller</b>					
0				0.00	0.00
1	Crestron	TSW-560-B-S	5" Touch Screen, Black Smooth	675.00	675.00
1	Crestron	TSW-560-TTK-B-S	Table Top Kit for TSW-560, Black Smooth	101.25	101.25
0				0.00	0.00
0.25	WPW	254245EZWH1000	Cat5e Plenum Cable / 1000'	207.71	51.93
0				0.00	0.00
<b>Crestron &amp; DSP Core Programming &amp; Commissioning</b>					
1	Central	Software Division	Core 110f DSP Programming, Tuning, Testing & Training	0.00	0.00
1	Central	Software Division	Crestron Programming, Tuning, Testing & Training	0.00	0.00
0				0.00	0.00
0			<b>Freight PrePaid &amp; Billed w/ 6% Sales Tax Exempt</b>	0.00	0.00
=====					
Total Equipment					\$9,333.18
Retail Sales Tax				<b>MI Tax Exempt</b>	0.00
Engineering Labor					279.99
Sub Contractor / Lift / Misc.					0.00
Travel Expenses					0.00
Freight Charges Actual or Estimate				<b>Freight PrePaid &amp; Billed w/ 6% Sales Tax Exempt</b>	219.84
Labor Total					5,430.00
<b>Total Installed Price</b>				<b>1 Year Warranty - Parts and Labor</b>	<b>\$15,263.01</b>



## Q-SYS Core 110f

Flex Channel Processor

### Features

- 128x128 Network Audio Channels
- 16x16 USB Audio Channels
- 24 Channels of Total Analog Audio
- 8 Configurable Flex Channels
- 16x16 GPIO Logic Ports
- 16 Channels of Routable AEC
- Multiple Instance VoIP Lines
- Single POTS Telephone line
- 3 Year Warranty

The Q-SYS™ Core 110f is the latest addition to the Q-SYS Core family, providing a solution for small, single room projects up to the largest Enterprise scale deployments. QSC's software based DSP platform Q-SYS, gives the systems integrator and end-user a unified software design tool and feature set suitable for projects of any scale. The continuity of the Q-SYS software based DSP platform is unique within the competitor space and allows the Q-SYS Core 110f to leverage all the features that are available across the entire Q-SYS platform to be used in the following applications: Acoustic Echo Canceling (AEC) and sound reinforcement in small to large meeting or multipurpose rooms, sound reinforcement in performance venues such as house of worship and theater, background music systems, wide area paging in airports, convention centers and hospitals.

The Q-SYS Core 110f is a multipurpose software based digital audio signal processor with a total of 8 balanced analog microphone/line level audio inputs and 8 balanced analog microphone/line level audio outputs. In addition to the fixed 8x8 analog audio I/O, the Core 110f features

a software definable bank of 8 balanced analog audio Input/Output Flex Channels, a unique QSC innovation, where each channel can be independently configured during design or run time as either a microphone/line level input or a microphone/line level output. As such, the Core 110f offers class leading 24 analog I/O density plus additional specialized I/O such as VoIP, POTS, Internal Media Playback/Recording HDD and USB.

The Q-SYS Core 110f supports a class leading USB audio device port connection that enables the processor to appear in a Microsoft Windows or Mac OS host operating system simultaneously as both a USB Audio and Communications device. The USB Device port (B type) implementation supports up to 16x16 digital audio channels in a flexible, design time configuration environment that can advertise as multiple virtual USB device instances to the host operating system concurrently over a single physical USB connection. In addition to the USB Device port, the Core 110f provides 6 USB Host ports (A type) which enable the Core to host external USB devices and future Q-SYS peripheral products.

**Benefits**

- **Class leading I/O:** Q-SYS Core 110f has 24 analog I/O + USB, POTS and VoIP simultaneously in a single rack space and one SKU, offering the best cost to I/O ratio in a single chassis product available on the market from any manufacturer.
- **Flex Channels:** Nearly all the flexibility of a card based DSP solution without the cost and inconvenience of multiple SKU's and custom parts ordering.
- **Unified software platform:** Single training investment in one software design tool rather than needing to learn several platforms to scale from small to large systems or support different applications.
- **Industry leading hardware design:** Future proof investment in standards based software and computer technology running on Intel processors.
- **Industry first, software based DSP:** Q-SYS suite of conferencing technology applications built and owned by QSC from the ground up allowing for continued refinement.
  - o Software based routable AEC; no additional hardware needed
  - o SIP Softphones offering multiple instances per Q-SYS Core; no additional hardware needed
  - o Gain sharing and gating automixers
- **True IT Software Integration:** The Core 110f provides more than just networked audio integration and is not just another hardware DSP. Q-SYS is primarily a software platform that offers greater software integration functionality such as native support for LDAP contact server integration, SNMP monitoring, SIP Softphones, and software based routable AEC implementation; it truly is a next generation AV/IT product that is free of the fixed hardware limitations seen in competing products.

**Key Features**

- 128x128 channels of Q-LAN™ network audio in single channel streams
- Up to 24 configurable analog audio I/O
- 8 mic/line level analog audio inputs
- 8 line level analog audio outputs
- 8 Flex Channel mic/line level analog audio inputs or outputs
- Up to 16 assignable and routeable AEC processor instances
- Dual Gigabit Ethernet ports with assignable application resources offering any combination of VoIP, Q-LAN Control, Q-LAN audio or network redundancy
- Up to 16x16 channels of digital audio in and out via software definable USB instances advertised to the host operating system
- 16 General Purpose Inputs (GPI) x 16 General Purpose Outputs (GPO)
- Internal Universal Power Supply plus 12 Volt DC External Power Supply input for redundancy or non-mains power supply sources
- Single software platform for system configuration, control and monitoring via Q-SYS Designer software over Ethernet with support for static or Auto/DHCP TCP/IP addressing
- POTS telephone interface via a standard RJ-11 connector
- Supports up to 4 VoIP Softphone instances in addition to the onboard POTS telephone interface
- Fully compatible with all existing and future Q-SYS accessories such as IO Frames, Paging Stations, and Touch Screen Control Surfaces running Q-SYS user control interfaces
- CE marked, UL listed, and RoHS compliant
- Covered by QSC Systems 3-year warranty



# TSW-560

## 5" Touch Screen

- > Ultra clean, modern appearance
- > Thin profile and small footprint
- > Affordable and easy to install
- > 5" widescreen active-matrix color display
- > 960 x 540 qHD display resolution
- > Capacitive touch screen technology
- > Multi-touch capable
- > Smart Graphics® performance
- > Backlit soft-touch capacitive buttons
- > Any/all button hide feature
- > Auto-brightness control
- > Voice recognition capability<sup>[1,2]</sup>
- > H.264 or MJPEG streaming video display
- > Built-in 5 MP H.264 IP camera<sup>[2]</sup>
- > Built-in microphone and speakers<sup>[2]</sup>
- > Rava® SIP intercom and phone technology<sup>[2]</sup>
- > Native Sonos® app
- > Built-in PinPoint™ beacon<sup>[2,4]</sup>
- > Customizable audio feedback
- > Built-in web browsing<sup>[1]</sup>
- > On-screen multi-language keyboard
- > Customizable screensaver
- > Single-wire Ethernet connectivity
- > PoE or PoE+ network powered (refer to specifications)
- > Pre or post-construction wall mounting
- > Lectern mount over a rectangular cutout
- > TSW-UMB-60 Universal Mounting Bracket included
- > TSW-UMB-60-PMK Pre-Construction Mounting Kit included<sup>[5]</sup>
- > Masonry compatible back box available<sup>[3,5]</sup>
- > Tabletop and swivel mount options available<sup>[3]</sup>
- > 3 RU rack mount option available<sup>[3]</sup>
- > Available in smooth black or white finish

### Advanced Touch Screen Control

A Crestron® touch screen offers an ideal user-interface for controlling all the technology in your home, boardroom, classroom, courtroom, or command center. Touch screens simplify and enhance the way you use technology, doing away with those piles of remote controls, cluttered wall switches, disparate smartphone apps, and cryptic computer screens. For controlling audio, video, lighting, shades, HVAC, security, and other systems, Crestron touch screens are fully-customizable with easy-to-use controls and icons, true feedback and real-time status display, live streaming video, voice recognition, web browsing, and a full-featured media player for an enhanced multiroom entertainment experience.



With its clean, contemporary design highlighted by edge-to-edge glass and stunning color graphics, the Crestron TSW-560 touch screen makes an elegant statement on any wall, tabletop, lectern, or equipment rack. Perfectly at home in the most contemporary residence or modern office building, its high-tech good looks underline its power for simplifying everyday tasks and functions throughout any facility.

The TSW-560 delivers the ultimate touch screen experience in an unobtrusive, space-saving design. It features a brilliant 5 inch capacitive touch screen display with Smart Graphics® and 5 soft-touch buttons. PoE connectivity and a range of mounting options make installation a breeze for both new and retrofit applications. Additional advanced features include the abilities to control any function using voice commands, view security cameras and other video sources, communicate using built-in video intercom and phone capabilities, browse the Internet, and enjoy full access to your Sonos® Home Sound System.<sup>[1]</sup>

### Smart Graphics®

Crestron touch screens use Smart Graphics to deliver the ultimate user experience *and* the ultimate value by enabling the creation of dynamically rich user interfaces with incredible efficiency and unparalleled functionality. Using Smart Graphics, programmers can swiftly integrate fluid gesture-driven controls, animated feedback, rich metadata, embedded apps and widgets, and full-motion video for a deeply engaging and ultra-intuitive touch screen experience.

Crestron Smart Graphics offers these enhancements and more:

- Cool-looking graphical buttons, sliders, knobs, and gauges that are intuitive and fun to use
- Kinetic effects to enhance the feeling of realism, with lists and toolbars that scroll with momentum at the flick of a fingertip
- Drag-and-drop objects that snap into place, offering an easy way to switch sources

# TSW-560 5" Touch Screen



TSW-560-W-S – Shown in White

- Dashboard widgets to personalize the touch screen with clocks, weather, news, and other information<sup>[1]</sup>
- A power-saving screensaver that allows display of time, temperature, and other text content at a reduced brightness level
- Customizable themes allowing a completely different look and feel for every user, event, or season
- Fully-developed SmartObjects® that enable sophisticated control over complex devices with minimal programming
- A consistent look and feel across multiple touch screens of varying sizes

## Soft-Touch Buttons

The TSW-560 includes five backlit, soft-touch capacitive buttons for quick access to commonly used functions. These buttons are pre-labeled with icons for “Power”, “Home”, “Lights”, “Up”, and “Down” functions. Each button is programmable via the [control system](#) for custom functionality, and any unused button can be hidden by simply turning off its backlight.

## Auto-Brightness Control

To ensure optimal visibility under varying lighting conditions, the TSW-560 includes a built-in light sensor, which regulates the brightness of the display and button backlighting according to the ambient light level in the room. Separate auto-brightness settings are provided for the display and buttons to allow each to be adjusted or defeated as needed.

## Voice Recognition

Some things are easier *said* than *done*, so why not just *say* what you want and let Crestron *do* it for you? With built-in voice recognition, the TSW-560 provides the ability to use spoken commands to control virtually anything. Voice recognition can be used to quickly turn devices on or off, select and play a specific media title or playlist, change the channel, choose a lighting scene, lock the doors, arm the security system, or enter a password. Simply say a command and Crestron does the rest.<sup>[1,2]</sup>



TSW-560-B-S with TSW-560-TTK-B-S Tabletop Kit

## Streaming Video

High-performance streaming video capability makes it possible to view security cameras and other video sources right on the touch screen. Native support for H.264 and MJPEG formats allows the TSW-560 to display live streaming video from an IP camera, a streaming encoder (Crestron [CEN-NVS200](#), [DM-TXRX-100-STR](#), or similar<sup>[3]</sup>), or a [DigitalMedia™ switcher](#). Video is delivered to the touch screen over Ethernet, eliminating the need for any extra video wiring.

## Rava® SIP Intercom

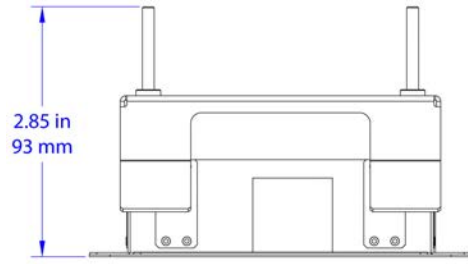
[Rava](#) SIP Intercom Technology enables hands-free VoIP communication with other Rava-enabled touch screens and door stations. Rava works over Ethernet, supporting 2-way intercom, video intercom, and paging without requiring any special wiring. VoIP phone capability is also possible through integration with a SIP-compatible IP phone system or SIP server, allowing hands-free telephone functionality complete with speed-dialing, caller ID, custom ringers, and other enhancements. Built-in echo cancellation affords full-duplex performance for clear, seamless voice communication using the TSW-560's integrated microphone and speakers.<sup>[2]</sup>

## Built-in Camera

A 5 megapixel camera is built into the TSW-560 to support video intercom and room monitoring capabilities. This feature allows individuals to communicate both verbally and visually between two touch screens, or between one touch screen and a Rava-compatible video door station. It can also be used to visually monitor any room securely using an H.264 compatible decoder (Crestron [DM-TXRX-100-STR](#), [DM-RMC-100-STR](#), or similar<sup>[3]</sup>) or a third-party video monitoring system. When not needed, the camera feature can be turned off programmatically through the control system. A “no-camera” model is also available.<sup>[2]</sup>



# TSW-560 5" Touch Screen



**TSW-UMB-60  
wall mounting bracket  
(included)**

