

AGENDA

Cascade Charter Township
Downtown Development Authority Board of Directors
September 17, 2019
5:30 p.m.
Cascade Library Wisner Center
2870 Jacksmith Ave. SE

- ARTICLE 1.** Call the Meeting to Order
Record the Attendance
- ARTICLE 2.** Approval of the Agenda
- ARTICLE 3.** Approval of the Minutes of July 16, 2019 Meeting
- ARTICLE 4.** Acknowledge visitors and those wishing to speak to non-agenda items *(Comments are limited to five minutes per speaker)*
- ARTICLE 5.** Discuss DDA Projected Revenues and Expenditures
- ARTICLE 6.** Discuss and Consider Outdoor Gathering Space Plan
- ARTICLE 7.** Any Other Business
- a. Update on Planning Activities
 - b. Informational Meeting – Tuesday, October 15
 - c. Joint Meeting – Monday, October 21 at 7:00 p.m.
- ARTICLE 8.** Adjournment

MINUTES

Cascade Charter Township
Downtown Development Authority Board of Directors
July 16, 2019
5:30 p.m.
Cascade Library Wisner Center
2870 Jacksmith Ave. SE

- ARTICLE 1.** Chairman Puplava called the meeting to order at 5:30 p.m.
Members Present: Beahan, Grownney, Stephan, Siegle, DeWitt, McNeil-Chapman and Puplava.
Members Absent: Makkar, Kingsland
Others Present: DDA Director Sandra Korhorn, and those listed on the sign in sheet.
- ARTICLE 2. Approve the Current Agenda**

Motion was made by Member Beahan to approve the Agenda. Supported by Member Stephan. Motion carried 6 to 0.
- ARTICLE 3. Approval of the Minutes of June 18, 2019 Meeting**

Motion was made by Member Beahan to approve the Agenda. Supported by Member DeWitt. Motion carried 6 to 0.
- ARTICLE 4. Acknowledge visitors and those wishing to speak to non-agenda items** *(Comments are limited to five minutes per speaker)*

No visitors came forward to comment
- ARTICLE 5. Discuss and Consider Streetlight Options for the Cascade Rd Pathway**

(Member Siegle arrived to the Meeting at 5:35)

Director Korhorn introduced Mike and Greg from Fishbeck, and stated that Greg has been doing a lot of the work on this DDA portion of the Cascade Road pathway. Director Korhorn then stated that this portion of the pathway is going to be 7 feet wide, and will be located from Independent Bank on the corner of 28th St and Cascade Road, to the Cascade Villa Apartments. The DDA is paying for construction as part of the pathway millage approved in November.

Director Korhorn stated that LED streetlight fixtures will be installed on both sides of Cascade Road in this area, and that in their packets, Members will find three streetlight options provided by the engineers.

Chairman Puplava asked how far apart these streetlights will be from the existing ones, and if there will be a noticeable difference in appearance. Mike stated that the lights will be positioned 100-150 feet away from each other, and that yes, there will be a difference in appearance between the new and existing lights, but that most people will likely not notice. Mike stated that the first streetlight option seems to match the closest, the other two are provided as "equals", meaning the contractor that wins the bid can choose any one streetlight option offered, and install that streetlight. If the contractor chooses a light other than the engineer-selected option, there will be a slight price decrease. Cost difference on fixtures is about 20%, not including the pole, base, conduit, conductors, and other necessary parts. Price difference between the most expensive fixture, and the least expensive fixture may only be near 5% after all costs are included.

Member Beahan asked if the bulbs would be inside of the fixture, or exposed on the exterior potentially causing glare at night. Mike and Director Korhorn stated that by looking at the pictures, it appears bulbs will be inside of the fixtures.

Member DeWitt asked if the fixture will be sealed or enclosed to help keep the fixtures cleaner and free of possible bug infestation. Mike stated that he did not have a definite answer, but will check. He then also stated that many fixtures are 'vented' to help keep a cooler temperature.

Member Siegle asked if it would be cost efficient to purchase bulbs with a longer life than the 70,000-hour bulbs being quoted. Mike stated that most LED bulbs of this style are cast to a specific fixture, and are likely not available.

Chairman Puplava suggested a photo confirmation of the bulb being housed inside of the upper part of the fixture, and then choosing option ALN540 (first choice) as the primary fixture to be used, Arlington as the bid alternate.

Director Korhorn invited Greg to give an overview of the project.

Greg introduced himself as the Township Engineer assistant, and stated basics of the pathway project. The pathway will be 7 feet wide, and made of concrete (asphalt outside of the DDA boundary). There are four properties along the pathway; Dr. Siegle owns two, the other two are the private drive of the Grenelefe community, and Independent Bank. Greg states that all property owners have been helpful and granted easements. There will be 14 total lights along this section of DDA pathway. Total estimated cost of this project is \$220,000, which is 10% less than the original estimate back in February.

Chairman Puplava asked if the concrete and asphalt will stay level at meeting points as they are different materials, Greg stated that it should not be an issue.

Member Siegle asked if the concrete path will conjoin to the driveway of the Cascade Villas, even though a small section of that property is outside of the DDA boundary. He stated that having a continuous path seems logical. Director Korhorn stated that DDA funds cannot be used outside of the boundary, and that the general fund will need to pick up that cost.

ARTICLE 6. Discuss DDA Streetlights – LED Conversion

Director Korhorn stated that there has been discussion to switch from lumec lighting fixtures to LED fixtures, which will potentially save on maintenance and electric costs. Director Korhorn states that swapping out fixtures can be expensive, and can take a number of years (approximately 20) to see a return on the investment. There is an available LED retrofit kit that can be tested (free of charge) in three of the light fixtures on 28th St between Cascade Road and Old 28th St. There are 19 lights out between Old 28th and Cascade Road right now, and Director Korhorn was given a proposal of retrofitting those fixtures right now for a cost of \$5,100. Director Korhorn stated that she would like to see a sample of what the lights look like before committing to the retrofitting. If retrofitting the fixtures is something the DDA decides to pursue, the estimated payback is 3 ½ years. Total cost of retrofitting the lumec lights throughout the DDA District was under \$100,000.

Chairman Puplava suggests the trial of retrofitting 3 fixtures before deciding to move forward with retrofitting all of them in the district; Members and Director Korhorn agree.

ARTICLE 7. Discuss and Consider Sponsorship for an Oktoberfest Event

Director Korhorn stated that an Events Committee has been meeting for a couple of months, and is interested in holding an Oktoberfest event Saturday, September 14th, 5pm-9pm (tentatively) on the Library property. Director Korhorn stated that this will be approximately 4 hours long, and have bands, food, beer, and activities for all age groups. This will be structured as a DDA event, Thornapple Brewing Co. will be the main sponsor.

Director Korhorn stated that there is around \$10,000 in the DDA budget for 2019 events, with the option of an amendment for more if needed.

Discussion was held about potential event details such as liquor license responsibility and ticket purchases for food. No decisions needed to be made.

Sponsorship for this event could go towards tent/chair/table/fence rentals, yard games, activities, entertainment, Sherriff Department assistance, and security.

Members are in agreeance of a \$5,000 cap for potential sponsorship.

ARTICLE 8. Discuss Sign or Gateway Feature at Museum Gardens

Director Korhorn stated that she received an email from a resident stating that she would like to see a sign or something similar to "Welcome to Cascade" in that area. Director Korhorn replied to her that it is something the DDA will consider. Member Beahan stated that the Historical Society may be planning something similar, and he believes a potential sign in that area should wait until there is a definitive plan regarding the possible acquisition of the Verberg and Tuffy properties.

ARTICLE 9. Any Other Business

- a. Update on Planning Activities**
- b. Update on Community/DDA Events**
 - a. Cascade Metro Cruise Warmup – August 22nd**
 - b. Thursday Night Lights at the Library**

Director Korhorn updated Members about Chick-fil-A moving into the old Macaroni Grill, and explained the car stacking and parking lot structure.

Director Korhorn reminded Members of the upcoming Metro Cruise, and remaining Thursday night events at the Library.

A second informational meeting is required by new law, Chairman Puplava suggested Director Korhorn choose the date.

ARTICLE 10. Adjournment

Motion was made by Member Growney to adjourn. Supported by Member DeWitt. Motion carried 7 to 0. Meeting was adjourned at 6:50 p.m.

Respectfully submitted,
Diana Kingsland, Secretary

DDA MEMORANDUM

To: Cascade Township DDA Board

From: Sandra Korhorn, DDA/Economic Development Director *SKK*

Subject: Discuss and Consider Outdoor Gathering Space

Meeting Date: September 17, 2019

When considering future projects, the DDA Board has talked about the Outdoor Gathering Space at the library a handful of times. I have asked Viridis Design Group (consultant who put the plan together) to update the costs for each phase of the project. They are included in the packet.

If you recall, comments regarding an outdoor space for the community has come up at numerous project planning events (master plan, facilities plan, etc.) and ranked high at the joint meeting with the boards and commissions.

This item is for discussion and to make a recommendation on the project. The project and costs will then be reviewed by the Township Board.



**Cascade Community Event Center
Cascade Township, Michigan**

Opinion of Probable Costs - SKATE AND CLIMBING PLAZA

Item	Quantity	Unit	Unit Price	Total
Mobilization and General Conditions	1	LS	\$56,400	\$56,400
Permitting Allowance	1	LS	\$2,000	\$2,000
<u>General Site Improvements</u>				
Concrete Skate Plaza	6,860	SF	\$8.50	\$58,310
Skate Plaza Equipment	1	LS	\$112,000.00	\$112,000
Climbing Plaza Surfacing	5,130	SF	\$4.00	\$20,520
Climbing Plaza Equipment	1	LS	\$112,000.00	\$112,000
Picnic Shelter (20'x40')	800	SF	\$56	\$44,800
Bike Loops	5	EA	\$700	\$3,500
Bike Air & Tool Station	1	EA	\$1,350	\$1,350
Bench	8	EA	\$2,000	\$16,000
Picnic Tables	6	EA	\$1,000	\$6,000
Trash Receptacle	6	EA	\$1,060	\$6,360
			Subtotal	\$380,840
<u>Landscaping</u>				
Deciduous Trees	15	EA	\$420	\$6,300
Landscape Beds	1,000	SF	\$6	\$6,000
Lawn Seeding / Restoration	10,000	SF	\$0.20	\$2,000
Metal Edging	50	LF	\$8	\$400
Topsoil - Lawn and Native Landscape 4"	122	CY	\$15	\$1,830
Topsoil - Landscape Beds and Bio Infiltration Area 12"	37	CY	\$22	\$814
Irrigation	1	LS	\$6,720	\$6,720
			Subtotal	\$24,064
<u>Grading and Drainage</u>				
Earthwork - General Grading	1,000	CY	\$7	\$7,000
SESC Measures	1	LS	\$1,120	\$1,120
			Subtotal	\$8,120
<u>Utilities</u>				
Stormwater Improvements	1	LS	\$5,600	\$5,600
Site Electrical and Special Lighting	1	LS	\$6,720	\$6,720
			Subtotal	\$12,320
			Subtotal	\$483,744
			10% Contingency	\$48,374
			Construction Total	\$532,118
			A&E Fee @ 9%	\$47,891
			Project Total	\$580,009.06

**Cascade Community Event Center
Cascade Township, Michigan**

Opinion of Probable Costs - AMPHITHEATER

Item	Quantity	Unit	Unit Price	Total
Mobilization and General Conditions	1	LS	\$180,000	\$180,000
Permitting Allowance	1	LS	\$4,500	\$4,500
General Site Improvements				
Restroom, Storage, and Event Kiosk (20'x20')	400	SF	\$215	\$86,000
Concrete Curb and Gutter	390	LF	21.50	\$8,385
Concrete Pavement	9,780	SF	\$7	\$68,460
Pavers on 4" Concrete Base	2,500	SF	\$16.80	\$42,000
Brick Bandshell Plaza	805	SF	\$16.80	\$13,524
Bandshell	800	SF	\$96.00	\$76,800
Amphitheater Seatwalls	375	LF	\$260	\$97,500
Overlook / Viewing Area Stone Wall	55	LF	\$260	\$14,300
Bandshell Overlook Stone Wall	70	LF	\$260	\$18,200
Fountain Basin Stone Wall	300	LF	\$260	\$78,000
Fountain Basin and Recirculating System	3,765	SF	\$56.00	\$210,840
Creek	2,000	SF	\$34	\$68,000
Creek Boulders	100	TON	\$280	\$28,000
Bench	9	EA	\$2,000	\$18,000
Trash Receptacle	4	EA	\$1,060	\$4,240
Collapsible Bollard	2	EA	\$450	\$900
New Site Sign	1	EA	\$22,400	\$22,400
			Subtotal	\$855,549
Landscaping				
Deciduous Trees	40	EA	\$420	\$16,800
Landscape Beds	6,345	SF	\$6	\$38,070
Stone Maintenance Strip (3" depth)	2	CY	\$34	\$68
Native Landscape - Bio Infiltration Area (Rain Garden)	7,000	SF	\$7	\$49,000
Native Landscape Seeding	8,000	SF	\$0.25	\$2,000
Lawn Seeding / Restoration	70,000	SF	\$0.20	\$14,000
Metal Edging	180	LF	\$9	\$1,620
Topsoil - Lawn and Native Landscape 4"	855	CY	\$15	\$12,825
Topsoil - Landscape Beds and Bio Infiltration Area 12"	494	CY	\$22	\$10,868
Irrigation	1	LS	\$22,400	\$22,400
			Subtotal	\$167,651
Grading and Drainage				
Earthwork - General Grading	6,000	CY	\$7	\$42,000
SESC Measures	1	LS	\$6,000	\$6,000
			Subtotal	\$48,000
Utilities				
Water Service Extension	410	LF	\$93	\$38,130
Sanitary Sewer Extension	410	LF	\$75	\$30,750
Stormwater Improvements	1	LS	\$33,600	\$33,600
Electrical Service Extension	1	LS	\$22,400	\$22,400
Site Electrical and Special Lighting	1	LS	\$124,000	\$124,000
			Subtotal	\$248,880
			Subtotal	\$1,504,580
			10% Contingency	\$150,458
			Construction Total	\$1,655,038
			A&E Fee @ 8%	\$148,953
			Project Total	\$1,803,991.42



**Cascade Community Event Center
Cascade Township, Michigan**

Opinion of Probable Costs - TRAIL LOOP, NATURAL LANDSCAPING, AND CHILDREN'S DISCOVERY GARDEN

Item	Quantity	Unit	Unit Price	Total
Mobilization and General Conditions	1	LS	\$56,400	\$56,400
Permitting Allowance	1	LS	\$2,300	\$2,300
General Site Improvements				
Concrete Pavement	10,640	SF	\$7	\$74,480
Detention Basin Stone Wall	280	LF	\$130	\$36,400
Overlook / Viewing Area Stone Wall	55	LF	\$260	\$14,300
Bike Loops	5	EA	\$700	\$3,500
Bench	4	EA	\$2,000	\$8,000
Trash Receptacle	2	EA	\$1,060	\$2,120
Childrens Sound and Discovery Garden	1	LS	\$112,000	\$112,000
			Subtotal	\$250,800
Landscaping				
Deciduous Trees	13	EA	\$420	\$5,460
Native Landscape - Bio Infiltration Area (Rain Garden)	7,577	SF	\$7	\$53,039
Native Landscape Seeding	58,000	SF	\$0.25	\$14,500
Lawn Seeding / Restoration	20,000	SF	\$0.20	\$4,000
Topsoil - Lawn and Native Landscape 4"	953	CY	\$15	\$14,295
Topsoil - Landscape Beds and Bio Infiltration Area 12"	815	CY	\$22	\$17,930
Irrigation	1	LS	\$5,600	\$5,600
			Subtotal	\$114,824
Grading and Drainage				
Earthwork - General Grading	2,000	CY	\$7	\$14,000
SESC Measures	1	LS	\$3,400	\$3,400
			Subtotal	\$17,400
Utilities				
Stormwater Improvements	1	LS	\$5,600	\$5,600
Site Electrical and Special Lighting	1	LS	\$22,400	\$22,400
			Subtotal	\$28,000
			Subtotal	\$469,724
			10% Contingency	\$46,972
			Construction Total	\$516,696
			A&E Fee @ 9%	\$46,503
			Project Total	\$563,199.08



**Cascade Community Event Center
Cascade Township, Michigan**

Opinion of Probable Costs - JACKSMITH STREETScape

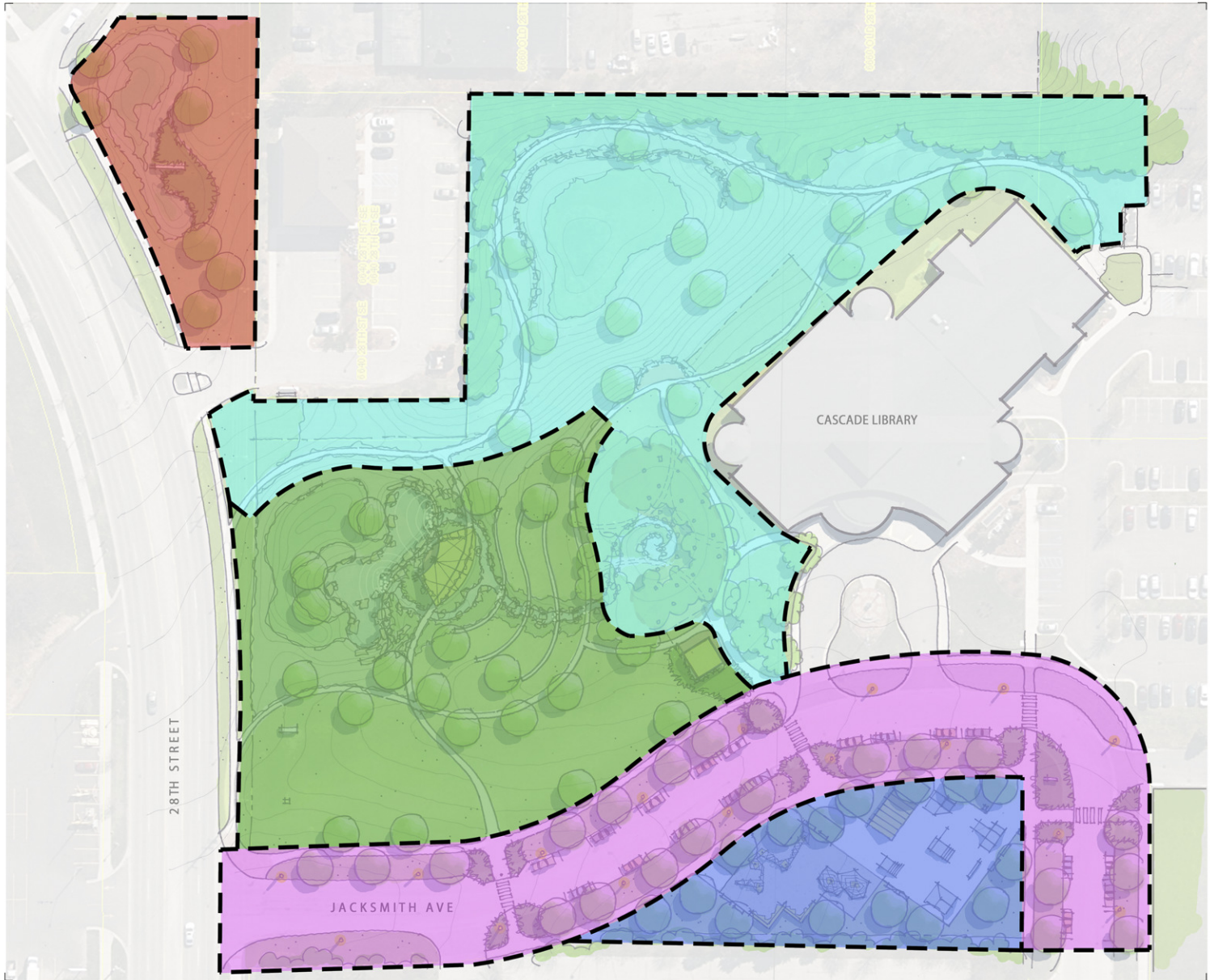
Item	Quantity	Unit	Unit Price	Total
Mobilization and General Conditions	1	LS	\$74,400	\$74,400
Permitting Allowance	1	LS	\$2,300	\$2,300
Removals / Site Prep				
Remove Asphalt Pavement	2,110	SF	\$1.50	\$3,165
Remove Concrete Curb	345	LF	\$2.50	\$863
Sawcutting	400	LF	\$5.60	\$2,240
			Subtotal	\$6,268
General Site Improvements				
Concrete Curb and Gutter	390	LF	\$21.50	\$8,385
Concrete Pavement	7,000	SF	\$6	\$42,000
Pedestrian Scale Lighting & Distribution	11	EA	\$8,000	\$88,000
Parking and Crosswalk Striping	1	LS	\$280	\$280
			Subtotal	\$138,665
Landscaping				
Deciduous Trees	24	EA	\$420	\$10,080
Landscape Beds	2,500	SF	\$6	\$15,000
Native Landscape - Bio Infiltration Area (Rain Garden)	2,000	SF	\$7	\$14,000
Lawn Seeding / Restoration	18,900	SF	\$0.20	\$3,780
Metal Edging	180	LF	\$9	\$1,620
Topsoil - Lawn and Native Landscape 4"	231	CY	\$15	\$3,465
Topsoil - Landscape Beds and Bio Infiltration Area 12"	74	CY	\$22	\$1,628
Irrigation	1	LS	\$11,200	\$11,200
			Subtotal	\$60,773
Grading and Drainage				
Earthwork - General Grading	1,000	CY	\$7	\$7,000
SESC Measures	1	LS	\$3,400	\$3,400
			Subtotal	\$10,400
Utilities				
Stormwater Improvements	1	LS	\$11,200	\$11,200
Site Electrical and Special Lighting	1	LS	\$11,200	\$11,200
			Subtotal	\$22,400
			Subtotal	\$315,206
			10% Contingency	\$31,521
			Construction Total	\$346,726
			A&E Fee @ 9%	\$31,205
			Project Total	\$377,931.39



**Cascade Community Event Center
Cascade Township, Michigan**

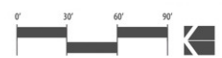
Opinion of Probable Costs - VILLAGE GATEWAY

Item	Quantity	Unit	Unit Price	Total
Mobilization and General Conditions	1	LS	\$23,800	\$23,800
Permitting Allowance	1	LS	\$4,000	\$4,000
General Site Improvements				
Village Gateway Sign	1	EA	\$45,000	\$45,000
			Subtotal	\$45,000
Landscaping				
Deciduous Trees	7	EA	\$420	\$2,940
Landscape Beds	3,000	SF	\$6	\$18,000
Native Landscape - Bio Infiltration Area (Rain Garden)	4,800	SF	\$7	\$33,600
Lawn Seeding / Restoration	19,200	SF	\$0.20	\$3,840
Metal Edging	160	LF	\$9	\$1,440
Topsoil - Lawn and Native Landscape 4"	234	CY	\$15	\$3,510
Topsoil - Landscape Beds and Bio Infiltration Area 12"	711	CY	\$22	\$15,642
Irrigation	1	LS	\$5,600	\$5,600
			Subtotal	\$84,572
Grading and Drainage				
Earthwork - General Grading	600	CY	\$7	\$4,200
SESC Measures	1	LS	\$3,360	\$3,360
			Subtotal	\$7,560
Utilities				
Stormwater Improvements	1	LS	\$22,400	\$22,400
Site Electrical and Special Lighting	1	LS	\$9,000	\$9,000
			Subtotal	\$31,400
			Subtotal	\$196,332
			10% Contingency	\$19,633
			Construction Total	\$215,965
			A&E Fee @ 9%	\$19,437
			Project Total	\$235,402.07



LEGEND

- VILLAGE GATEWAY IMPROVEMENTS**
2019 Cost Estimate: \$235,400
- TRAIL LOOP, NATURAL LANDSCAPING AND CHILDREN'S DISCOVERY GARDEN**
2019 Cost Estimate: \$563,200
- AMPHITHEATER AREA**
2019 Cost Estimate: \$1,804,000
- STREETSCAPE IMPROVEMENTS**
2019 Cost Estimate: \$378,000
- SKATE AND CLIMBING PLAZA**
2019 Cost Estimate: \$580,000



COMMUNITY GATHERING SPACE

Cascade Township, Michigan

09.06.19

PROJECT PHASING PLAN



An aerial photograph of a development site, showing buildings, parking lots, and green spaces, overlaid with a semi-transparent blue filter. The text "Transform. Activate. Gather." is centered on the left side of the image.

Transform.
Activate. Gather.

CASCADE GATHERING PLACE
COMMUNITY INPUT SUMMARY



INTRODUCTION

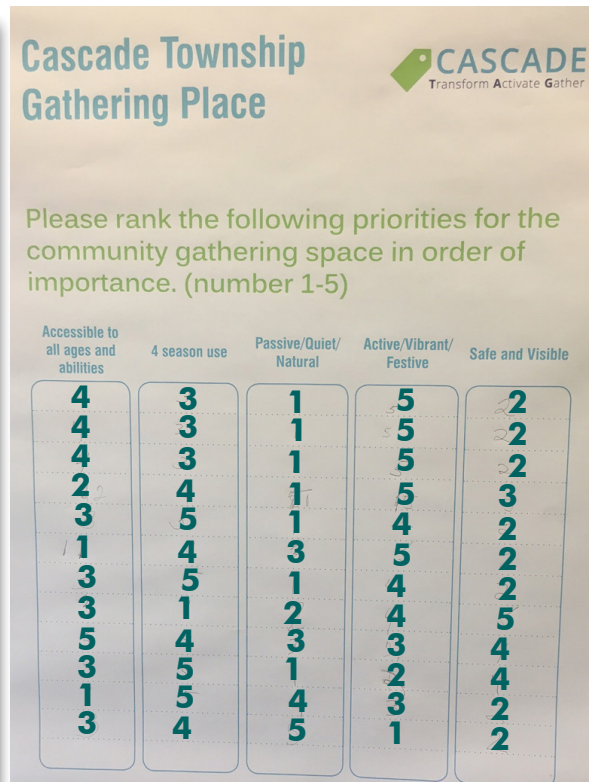
A meeting was held on June 14, 2016 to discuss the Township's Community Gathering Place scope and schedule with key stakeholders. Community stakeholders provided feedback on the future of the Community. A community input survey was also conducted. The following is a summary of the meeting and survey results.

1. **DESIRED AMENITIES | The following amenities were chosen by stakeholders in order of preference:**
 1. Walking paths, native landscaping
 2. Venue for music, entertainment and festivals, flexible open green space for casual/social events, seating and viewing areas
 3. Shelter/pavilion, public art/sculpture, decorative lighting
 4. Educational, environmental or historical interpretive amenities

2. **PRIORITIES | The following priorities were chosen by stakeholders in order of preference:**
 1. Passive/Quiet/Natural
 2. Safe and Visible
 3. Accessible to all ages and abilities
 4. Four-season use
 5. Active/Vibrant/Festive



1. DESIRED AMENITIES



2. PRIORITIES

3. The following community input was recorded:

- Should be separation of water play from other park users/library.
- Ice skating rink is a must with a warming shelter.
- Children's area needs to be much bigger and literature-themed, not a standard playground.
- Need screening and fencing along 28th Street for security.
- Have a separate adult area including a labyrinth and meditation area.
- Library expansion is desired to be off of the main library, not the Wisner wing.
- Would like to keep the lawn area between Jack Smith Ave. and Noto's open for library/4th of July events.
- Amphitheater should be close to the library.
- Like the idea of a water feature.
- Would like lots of public art, movable pieces and sound art.
- Skate and climbing plaza too noisy/busy.
- The library hosts large events (i.e. animal petting, games, truck events) hosting 500-1,500 children over 1-2 hours. Can't do this next to 28th Street unless kids are protected.
- Reading gardens adjacent to the library.
- Like native planting and naturalization.
- Like the space to be quiet and peaceful.
- Activity areas close to 28th Street should be fenced for kids.
- Love amphitheater but is stage big enough for music? Need access to power and speakers (community summer music series).
- Want lots of trees and bushes to form sound barrier from 28th Street.
- Want the amphitheater to be big enough for 200-500 people.
- Old master plan showed an amphitheater in the large detention area.
- Concern about kids using the splash pad and coming into the library to use the bathroom tracking mud and water.



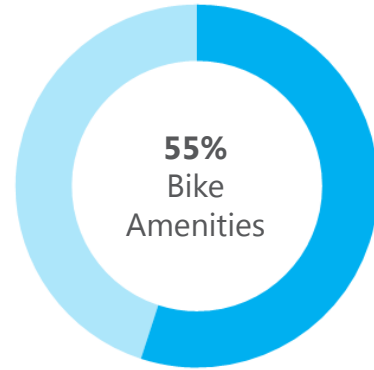
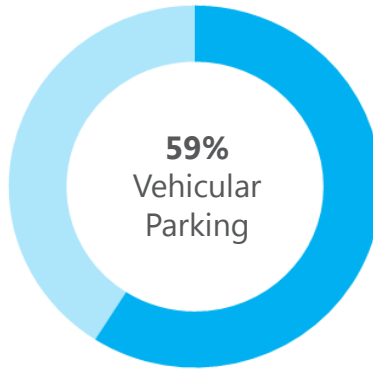
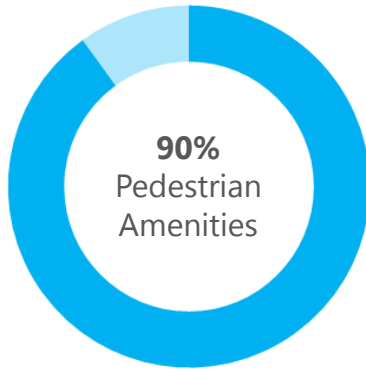
3. The following community input was recorded (continued):

- Parking is a concern
- Is a splash pad too different of a feel for the space?
- Cool project examples: Maggie Daley Park - cool climbing wall park in Chicago; Teton Boulder Park - climbing wall park at the base of a ski mountain in Jackson Hole, Wyoming.
- Dedicated areas developed for older youth is needed.
- Would like "green, natural areas" preserved as much as possible. These areas are used certain times of the year for events, book sales, etc. The rest of the year they preserve the nature of Cascade. In our 30 years here we have watched beautiful, natural areas being eaten up by development.
- I'd like to see a world-class fountain.
- Use the large central area to have something very prominent as the "nucleus". Use the "outer" areas for skate parks, walking trails, plants, etc.
- Maintain fair amount of natural area - don't overbuild.
- Like the path through woods - circular fountain area - tree grove stays - skate & climb area.
- Nice, keeping the grove of trees. Good to have an area for teens to skate and climb. Good use of space.
- Keep as much space natural as possible. Let the green areas have flexible uses. Don't add too many activities. It would be "overkill". Put skating or splash pad at Cascade Park. Water and library are not compatible. What about liabilities? Walk path and a fountain would be nice.
- Another option should be considered; keeping all of the current "open spaces" around the library as green natural space.
- Plant them with native trees to expand the wooded area already existing on the south side of the library.
- Allow these to eventually grow into a beautiful natural area that will also serve as a noise buffer from 28th Street traffic and remain as a natural area to offset the rapid expansion and development in Cascade.
- Create a curved walking path through the natural area.
- Protect the quiet, peaceful, reflective environment that nurtures and compliments the library experience.
- Move any "splash park" or other noisy development one mile to the Cascade Township Park (which is a much more appropriate "fit").

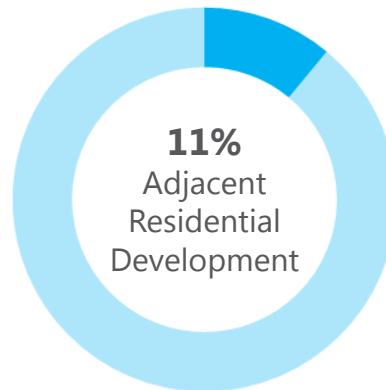
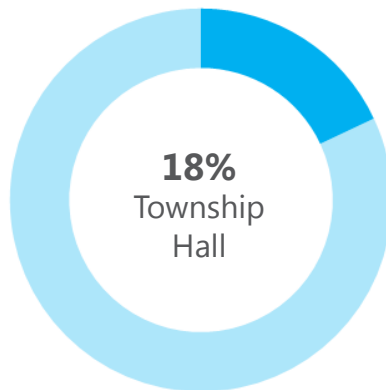
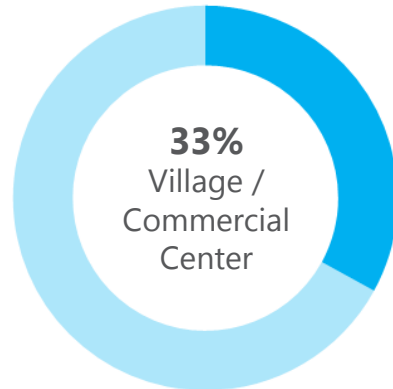
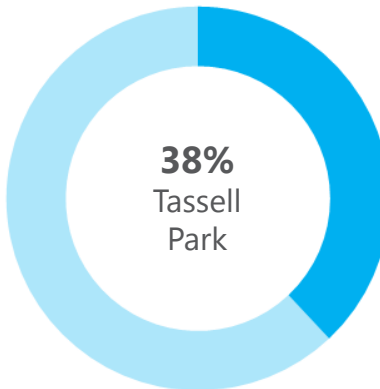
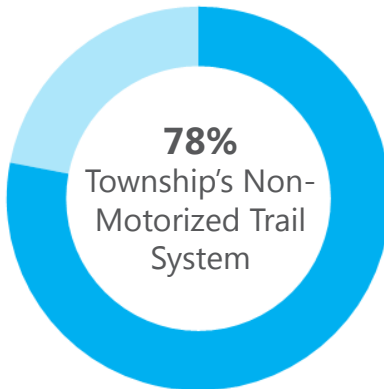
ANALYSIS OF SURVEY RESULTS

The following data is reflective of the online community survey results. A total of 80 participants took the online survey.

What mobility needs should be considered?



What connections are important to make from the community gathering space?



ANALYSIS OF SURVEY RESULTS

What are your desired amenities for the community gathering space?



NEXT STEPS...

Public Meeting // July 26, 2016

Show preferred option that reflects the priorities of the community.

Cascade Charter Township Community Survey

SurveyMonkey

	VERY IMPORTANT	(NO LABEL)	SOMEWHAT IMPORTANT	(NO LABEL)	NOT IMPORTANT	TOTAL	WEIGHTED AVERAGE
Reducing traffic speeds	22.27% 96	8.35% 36	30.16% 130	8.12% 35	31.09% 134	431	2.83
Improving pedestrian safety and connectivity	48.38% 209	10.65% 46	27.08% 117	4.17% 18	9.72% 42	432	3.84
Improving trails and pathways	41.67% 180	13.19% 57	30.56% 132	4.63% 20	9.95% 43	432	3.72
Creating a "village green" or similar community gathering space	34.26% 148	11.57% 50	30.09% 130	4.17% 18	19.91% 86	432	3.36
Improving east-west street connectivity	12.82% 55	9.09% 39	39.63% 170	8.62% 37	29.84% 128	429	2.66
Improving north-south street connectivity	9.35% 40	8.18% 35	39.25% 168	10.28% 44	32.94% 141	428	2.51
Increasing access to the Thornapple River	28.94% 125	8.33% 36	30.32% 131	8.10% 35	24.31% 105	432	3.09
Preserving natural areas	57.51% 249	10.16% 44	25.17% 109	3.00% 13	4.16% 18	433	4.14
Preserving farmland	27.27% 117	9.79% 42	37.76% 162	7.93% 34	17.25% 74	429	3.22
Expanding office development	2.32% 10	4.41% 19	25.99% 112	15.08% 65	52.20% 225	431	1.90
Expanding industrial development	2.55% 11	3.47% 15	19.68% 85	14.35% 62	59.95% 259	432	1.74
Improving police protection	22.17% 96	11.55% 50	43.65% 189	7.62% 33	15.01% 65	433	3.18
Providing more recreational facilities	29.33% 127	10.16% 44	37.88% 164	8.55% 37	14.09% 61	433	3.32
Extending water lines	24.24% 104	10.02% 43	33.80% 145	8.16% 35	23.78% 102	429	3.03
Extending sewer lines	31.15% 133	10.30% 44	31.85% 136	6.32% 27	20.37% 87	427	3.26
Increasing housing opportunities for seniors	12.33% 53	7.44% 32	36.05% 155	12.56% 54	31.63% 136	430	2.56
Increasing housing opportunities for young families/millennials	19.95% 86	11.14% 48	36.89% 159	8.82% 38	23.20% 100	431	2.96
Zoning enforcement	21.60% 92	11.74% 50	39.20% 167	9.62% 41	17.84% 76	426	3.10
Providing recycling drop off site	33.26% 144	12.24% 53	27.25% 118	6.70% 29	20.55% 89	433	3.31

#	OTHER (PLEASE SPECIFY)	DATE
1	Concerned that most of the remaining natural wooded areas are being turned in to subdivisions	10/29/2018 11:31 PM
2	People jogging are constantly in danger of being hit because there are no walkways by the roads	10/28/2018 9:06 PM
3	No mention of the traffic congestion between Spaulding and Kraft on Burton. Speeds need to be reduced to 35mph. It is getting dangerous exiting the Burton Pointe subdivision. The new YMCA has precipitated a lot of traffic.	10/26/2018 7:31 AM
4	The plans for the new Township Hall require a significant review and modification. Those plans and the architecture are very poor versus the role for safety for the area and for protection of computer systems. I intend to engage on those designs review.	10/24/2018 9:29 PM

COMMUNITY ENGAGEMENT

What is the desired future for Cascade Township?

The community ranked the following attributes:

- 1 Township center & green space for events
- 2 New / improved emergency services / coverage
- 3 Planned development / controlled growth
- 4 Small town feel / sense of place
- 5 Preserve & enhance recreation, natural assets

