Capital Project Worksheet

Date: 12/15/2021

Prepared by: Jane Gale based on 2014 energy audit conducted by Steve Smiley of Northport Energy Action Team (now Leelanau Energy)

1. **Project title:** Village Office Rooftop Solar Installation

2. **Brief Description of the Project:**

The western section of the south-facing, sloping roof has space for an approximately 5.5 kilowatt solar electric system, grid intertied, with net metering under Consumers Energy program. The system would consist of twenty (20) solar panels with micro-inverters. The proposed system will generate approximately 6,000 kW hours per year

3. **Estimate of Cost:**

The full cost was estimated to be $15,000 in 2014. The cost of solar panels has dropped considerably over the past five years and a new estimate was requested.

4. **Potential sources of funding:**

Leelanau Energy has a project fund that offers grants. Leelanau Energy members may provide volunteer labor to offset installation costs. Consumers Energy may offer incentives. Michigan Department of Environment, Great Lakes and Energy Office of Climate and Energy has a new Community Energy Management Incentive Program with maximum awards of $15,000 to qualifying applicants.

To: Joni — 1/19/2022
From Kathy —

Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: Solar		**Project #:**		
Department:		**Total score:**		
Rater name:	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)				
Eliminates a potential hazard	5			
Materially contributes				
Minimally contributes	1			
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No	0			
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan	5			
Project is consistent with administrative policy				
No policy/plan in place				
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem	3			
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility	5			
Replaces existing facility				
New facility				
6. Contributes to long-term needs of community				
More than 30 years				
21–30 years				
11–20 years	3			
4–10 years				
3 years or less				
7. Service area of project				
Regional				
City-wide				
Several neighborhoods				
One neighborhood or less	1			
8. Department priority				
High				
Medium	3			
Low				
9. Project delivers level of service desired by community				
High				
Medium	3			
Low				
	24		69	

Description of Upgrading walking/biking path to Northport Public School

Creating a bike/walking path along the eastern or western edge of M201 would greatly improve safe passage to the K through 12th grade students of the Northport School. Currently, walkers and bikers use the 3' to 4' shoulder along this highway. To the southern entrance to Northport speeds are up to 55MPH. On Waukazoo the listed speed limit is listed at 35 to 25 MPH. The route is used by school children and would be more widely used if it were at a safer distance from the roadway. Creating a path some few feet from the edge of the road shoulder would help to decrease the likelihood of any contact with cars, trucks, and buses that traverse the road. Secondly, visitors to Northport during summer could park their cars in the school parking lot and be able to get to town and public beaches more safely.

Steps to achieve this goal:

1. Evaluate the current arrangement of traffic control lights at the entrance to the school; determine if a pedestrian controlled stop light would help assure safe crossing; and consider extending the school speed zone and its signage.
2. Design the location of a potential path. Gather pledges from home owners who own property adjacent to the shoulder of M22 to allow a bike path at the edge of their property.
3. Gather cost estimates for creating a path from the school to Homewood Road and to further sites to the south of Homewood to the Village limit.
4. Gather cost estimates for putting an asphalt surface on the determined path. Ideally the path would be 5' wide, approximately 2 miles long, and set back from the road shoulder.
5. More information is on the MDOT website under Safe Routes to school.

Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: SRTS		**Project #:**		
Department:		**Total score:**		
Rater name:	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)	5			
Eliminates a potential hazard				
Materially contributes				
Minimally contributes				
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No	0			
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan	5			
Project is consistent with administrative policy	~~3~~			
No policy/plan in place	~~0~~			
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem	3			
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility	5			
Replaces existing facility				
New facility				
6. Contributes to long-term needs of community				
More than 30 years	5			
21–30 years				
11–20 years				
4–10 years				
3 years or less				
7. Service area of project				
Regional				
City-wide	4			
Several neighborhoods				
One neighborhood or less				
8. Department priority				
High	5			
Medium				
Low				
9. Project delivers level of service desired by community				
High	5			
Medium				
Low				
	37		107	

9/23/21

Daniel Caudill

RE: City of Northport Public Restroom

Dear Daniel,

Thanks for giving us the opportunity to provide some preliminary concepts and ideas for your new public restroom, we are very excited to be able to be presenting a proposal on this project.

20' Unisex Bathroom Container:

- 20' long - High Cube shipping container outfitted with BoxPop attachment plates.
- Full custom paint system on the exterior matched to customer requirements.
- Man-door openings fabricated into container for new entrances to bathrooms.
- Floor openings made on one end of container for water, gas and electrical entrance.
- Insulated perimeter walls with vinyl wall panels.
- Insulated divider walls comprised of wood studs, batt insulation and vinyl wall panels to separate bathrooms.
- Seamless vinyl flooring throughout
- In-wall plumbing rough-in to include pro-pex water piping and PVC drain piping.
- Plumbing trim to include (4) separate non-ADA restrooms.
- Exhaust Fans in each room.
- Electrical panel, GFCI receptacles, and LED lighting throughout.
- Mechanical split system for heating and cooling.
- Hauling and delivery to project site.
    - Shipping is an estimate at this time, we used an elevated shipping rate based on the current market.
- Full shop drawings and engineering services.

Exclusions:

- Stand-alone generators.
- Stamped architectural or MEP design drawings.
- Final power/utilities hook up.
- Building permits.
- Sales Tax

Total Investment: **$ 83,090**

Alternates:

1. Custom Signage: **$ TBD**

Payment / Financing Options

- 50% down payment.
- Balance due net 30 days after delivery.

Timeline Considerations

- 2 Weeks for Shop Drawings.
- 8-10 Weeks for fabrication time from final approval.

Thank you again for the opportunity to provide this proposal to your team and as previously discussed, we can rework this proposal and design to be flexible to your team's budget. Ultimately, we want to be your go-to partner to be there to build up your brand and company.

MATT EGAN
VP, SPECIALTY CONTRACTING
W: 231.941.8200 | M: 708.299.4122

Project: City of Northport Public Restroom
Location: Northport, MI

Date: 9/23/21

Budget Summary

Line		Trade		Cost
1		- Base Containers and Engineering	$	13,910
2		- Fabrication	$	2,652
3		- Paint Department	$	2,158
4		- Assembly		N/A
5		- Millwork		N/A
6		- Bar and Kitchen Equipment		N/A
7		- Wall Systems	$	16,855
8		- Print Department		N/A
9		- Doors, Frames and Hardware	$	7,176
10		- Glass and Glazing	$	2,236
11		- Flooring Systems	$	1,183
12		- Ceramic Tile		N/A
13		- Appliances		N/A
14		- Furniture		N/A
15		- Plumbing	$	16,796
16		- Mechanical	$	12,220
17		- Electric	$	5,512
18		- Accessories	$	1,872
19		- Hauling / Logistics	$	520
20		- Rental Equipment		N/A
21		- Building Permits		Excluded
22		Subtotal Direct Costs	$	83,090
23		- General Conditions		Included
24		- General Liability Insurance		Included
25		Subtotal Directs, GCs, Insurance	$	83,090
26		- Overhead & Profit		Included
27		Subtotal Directs, GCs, Insurance, OH&P	$	83,090
28		- Project Contingency		Excluded
29		**TOTAL**	**$**	**83,090**

BRITTEN

VOSB

Approval to Proceed: _____ Date: _____

Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: BATHROOMS		**Project #:**		
Department:		**Total score:**		
Rater name:	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)	4			
Eliminates a potential hazard	~~4~~ 4			
Materially contributes				
Minimally contributes				
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No	0			
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan				
Project is consistent with administrative policy				
No policy/plan in place	0			
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem	3			
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility				
Replaces existing facility				
New facility	1			
6. Contributes to long-term needs of community				
More than 30 years				
21–30 years	4			
11–20 years				
4–10 years				
3 years or less				
7. Service area of project				
Regional	5			
City-wide				
Several neighborhoods				
One neighborhood or less				
8. Department priority /				
High	5			
Medium				
Low				
9. Project delivers level of service desired by community				
High	5			
Medium				
Low				
			27	75

Capital Improvement Worksheet: Bridge

External

Inbox

Robert Newell Dec 20, 2021, 10:05 PM (10 hours ago)

to me, bobceng@att, Joni

Date: December 14, 2021

Prepared By: Bob Newell

Project Title: Northport Bridge Replacement

Brief Description/Justification: Replace the existing (4' wide X 12' long) aging treated lumber bridge spanning Northport Creek with a new (8' wide X 12' long) structure.

A bridge at this site is necessary to connect North Beach, the Marina, South Beach, all associated restroom facilities, pedestrian pathways, play and sportscapes together into a single unified Village waterfront recreational system.

It will tie two planned projects together: the Marina Repaving Project, and the Rose Street Culvert Project.

It will better facilitate pedestrian use of the bridge (and walking paths), and produce a necessary structure having an expected lifespan that matches or exceeds that of the adjacent Marina Repaving and Rose Street Culvert Projects.

This bridge may be reconstructed in-place, or moved slightly westward if the pedestrian pathway system bridging Northport Creek is redesigned.

Estimate of Cost: $73,000 (initial estimate only).

Potential Source(s) of Funding: Michigan Natural Resources Trust Fund
(50:50 match?)

Can we tie this project into the Marina Plg

Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: Bridge 8X12"		**Project #:**		
Department: widen bridge		**Total score:**		
Rater name:	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)				
Eliminates a potential hazard				
Materially contributes	3			
Minimally contributes				
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No	0			
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan				
Project is consistent with administrative policy				
No policy/plan in place	0			
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem	3			
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility				
Replaces existing facility	3			
New facility				
6. Contributes to long-term needs of community				
More than 30 years	5			
21–30 years				
11–20 years				
4–10 years				
3 years or less				
7. Service area of project				
Regional	5			
City-wide				
Several neighborhoods				
One neighborhood or less				
8. Department priority				
High				
Medium	3			
Low				
9. Project delivers level of service desired by community				
High				
Medium	3			
Low				

25 15

Capital Project Worksheet

Prepared by: Nicole Arbury
Date: 12/14/20

Project Title: Outdoor Fitness Equipment

Project description:

This project would include the installation of outdoor fitness equipment geared toward adults. Given the high ratio of adults and seniors in our community, it's believed we could benefit from easily accessible, free fitness equipment.

There are two main ways to approach this. One is to install a pre-packaged fitness park such as HealthBeat Circuit by Landscape Structures, which includes all 'stations' within a single footprint. Another approach is to design a space ourselves and purchase individual components, or a smaller package that meets our needs.

Total estimated cost:

Prices range broadly depending on the approach. Equipment packages begin around $8,500 and run as high as $80,000 – site prep and installation are extra.

Fitlot is a trademarked use of the HealthBeat Circuit by Landscape Structures. It is a universal program, with sites across the country that utilize QR codes to link to instruction videos, as well as 32 resistance band connections to expand exercise options. AARP is in its third year of sponsoring a park in each state. Lansing had one installed in 2020.

Potential Funding Sources:

Funding sources potentially include:

- national (e.g. AARP, though I believe we lost our opportunity)
- corporate/business sponsors
- foundations, including national, statewide, and local
- private sector donations

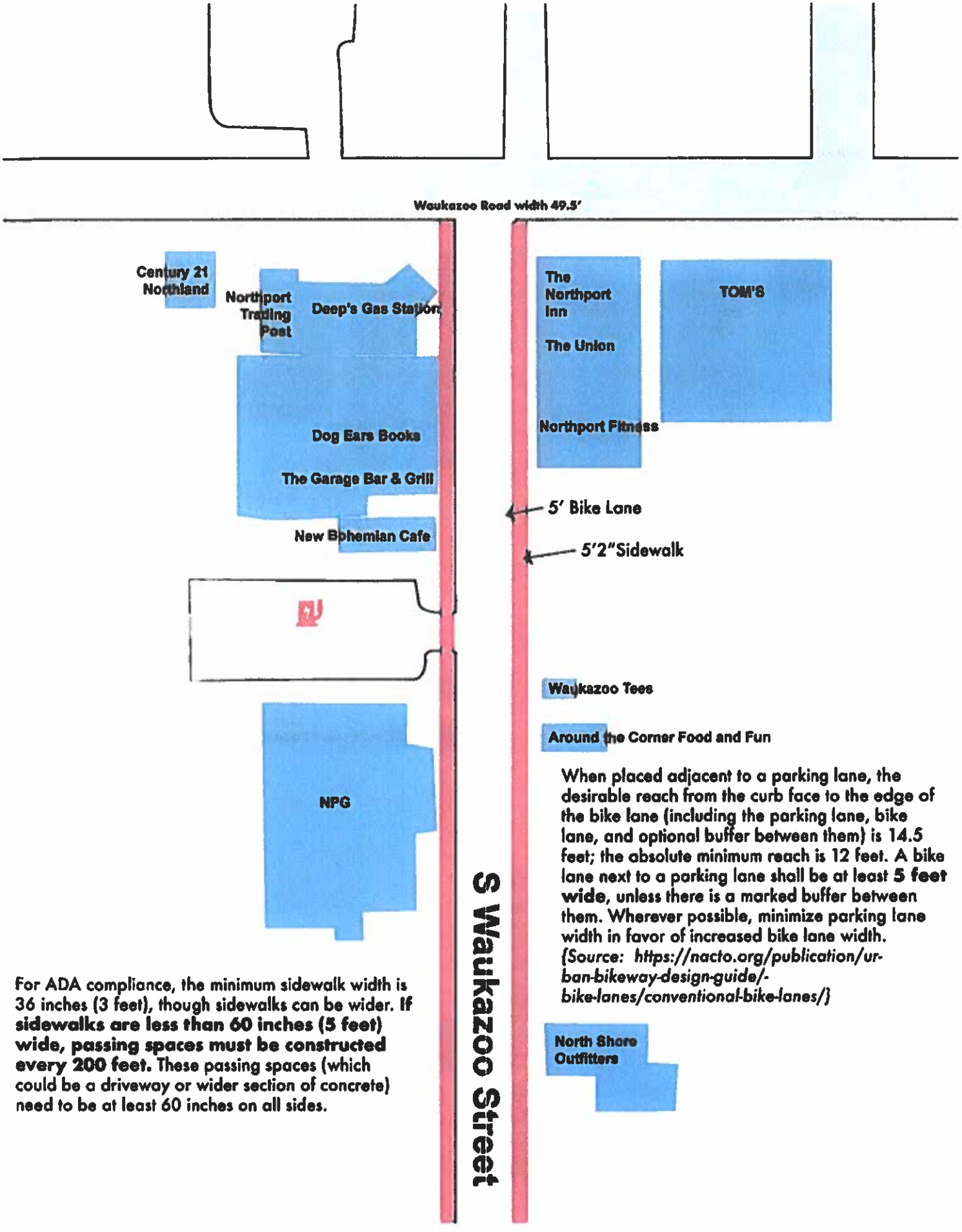
Fitlot provides a 49-page planning guide that has many helpful strategies that could be beneficial, regardless of approach.

Considerations:

- Is there significant interest?
- Is there an available and appropriate location?

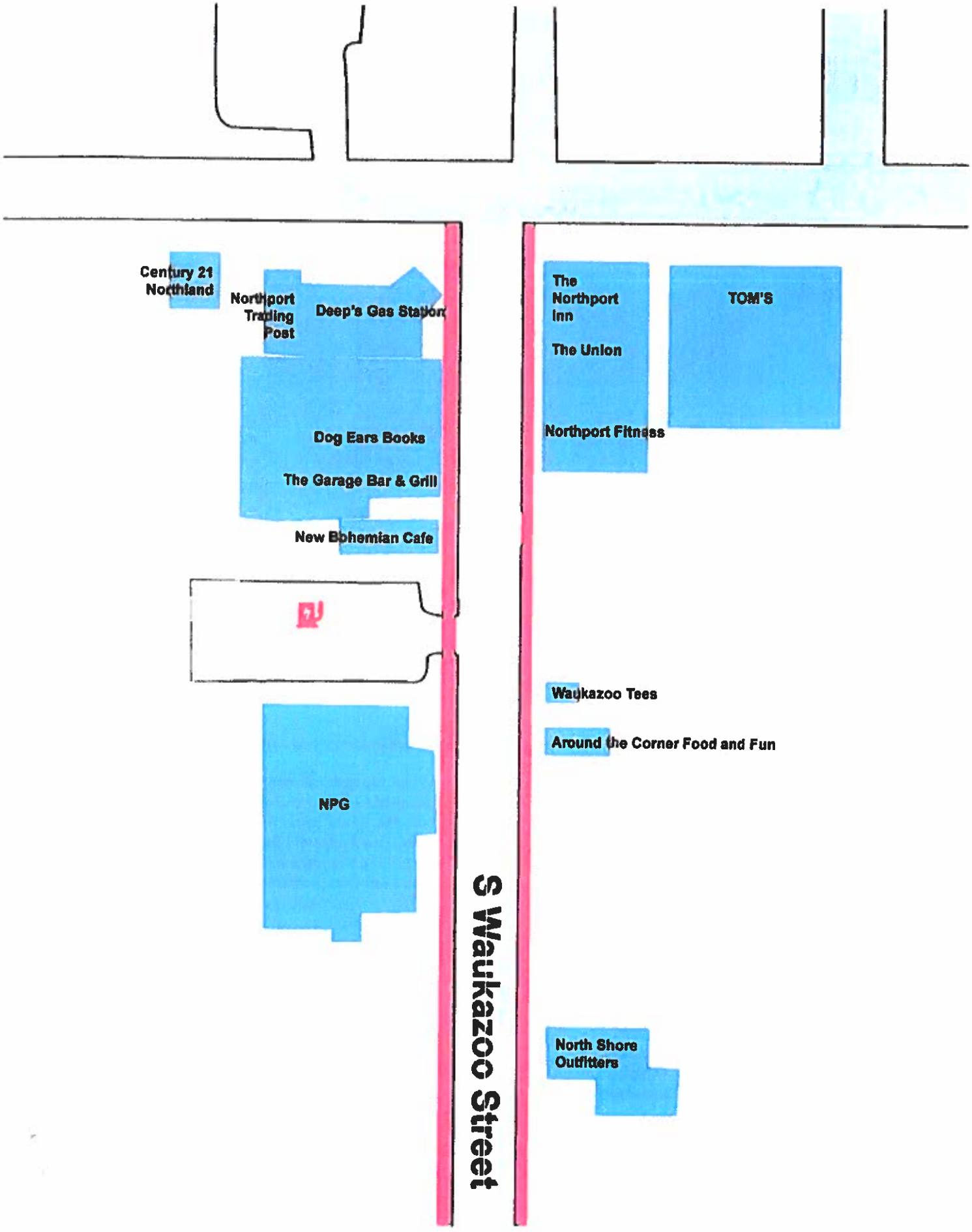
Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: Out door fitness equipment		**Project #:**		
Department:		**Total score:**		
Rater name:	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)				
Eliminates a potential hazard				
Materially contributes	3			
Minimally contributes				
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No	0			
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan	5			
Project is consistent with administrative policy				
No policy/plan in place	0			
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem	3			
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility				
Replaces existing facility				
New facility	1			
6. Contributes to long-term needs of community				
More than 30 years				
21–30 years				
11–20 years	3			
4–10 years				
3 years or less				
7. Service area of project				
Regional	5			
City-wide				
Several neighborhoods				
One neighborhood or less				
8. Department priority				
High				
Medium	3			
Low				
9. Project delivers level of service desired by community				
High	5			
Medium	3			
Low				
	26		7.5	



When placed adjacent to a parking lane, the desirable reach from the curb face to the edge of the bike lane (including the parking lane, bike lane, and optional buffer between them) is 14.5 feet; the absolute minimum reach is 12 feet. A bike lane next to a parking lane shall be at least **5 feet wide**, unless there is a marked buffer between them. Wherever possible, minimize parking lane width in favor of increased bike lane width. *(Source: https://nacto.org/publication/urban-bikeway-design-guide/bike-lanes/conventional-bike-lanes/)*

For ADA compliance, the minimum sidewalk width is 36 inches (3 feet), though sidewalks can be wider. If **sidewalks are less than 60 inches (5 feet) wide, passing spaces must be constructed every 200 feet.** These passing spaces (which could be a driveway or wider section of concrete) need to be at least 60 inches on all sides.


Century 21 Northland
Northport Trading Post
Deep's Gas Station
Dog Ears Books
The Garage Bar & Grill
New Bohemian Cafe
NPG
The Northport Inn
The Union
Northport Fitness
TOM'S
Waukazoo Tees
Around the Corner Food and Fun
North Shore Outfitters
S Waukazoo Street

Street Walks
Sidewalk
Bike

Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: Sidewalks on Waukazoo		**Project #:**		
Department:		**Total score:**		
Rater name: Consult MDot	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)				
Eliminates a potential hazard				
Materially contributes				
Minimally contributes				
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No				
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan				
Project is consistent with administrative policy				
No policy/plan in place				
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem				
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility				
Replaces existing facility				
New facility				
6. Contributes to long-term needs of community				
More than 30 years				
21–30 years				
11–20 years				
4–10 years				
3 years or less				
7. Service area of project				
Regional				
City-wide				
Several neighborhoods				
One neighborhood or less				
8. Department priority				
High				
Medium				
Low				
9. Project delivers level of service desired by community				
High				
Medium				
Low				

Capital Project Worksheet

Date: *12/15/2015*

Prepared by: Kathy Wessell with information from Kallie Craker

1. **Project title:** Trail Improvement and Wayfinding Signs

2. **Brief Description of the Project:**

Improve and update portions of Northport's existing trail system for non-motorized multi-use including hiking, snow shoeing, cross-country skiing, mountain biking and fat tire biking.

Add and improve way finding signage along the trails and throughout the village to keep users oriented, informed, connected, and safe.

3. **Estimate of Cost:**

$50,000

Cost estimate for mountain bike specific trails — $10,000 to $20,000 per mile

4. **Potential sources of funding:**

Leelanau Township Community Foundation

Tribal 2% Grant

DNR Grants Program

NORTE (Bike-centric, youth focused advocacy organization)

Munson Healthcare Foundation - Outdoor Activity Grants

People for Bikes Community Grants

DALMAC Fund (Tri-County Bicycle Association)

EPA (Recreation Economy for Rural Communities Assistance Program)

Score sheet

2014–2019 CAPITAL IMPROVEMENT NEEDS ASSESSMENT FORM				
Project name: Trail Improvements & Wayfinding		**Project #:**		
Department:		**Total score:**		
Rater name: Brett Dawe	**Score range**	**Rater score**	**Weight**	**Total points**
1. Contributes to health, safety and welfare				
Eliminates a known hazard (accident history)				
Eliminates a potential hazard				
Materially contributes				
Minimally contributes				
No impact				
2. Project needed to comply with local, state or federal law				
Yes				
No				
3. Project conforms to adopted program, policy or plan				
Project is consistent with adopted city council policy or plan				
Project is consistent with administrative policy				
No policy/plan in place				
4. Project remediates an existing or projected deficiency				
Completely remedy problem				
Partially remedy problem				
No				
5. Will project upgrade facilities?				
Rehabilitates/upgrades existing facility				
Replaces existing facility				
New facility				
6. Contributes to long-term needs of community				
More than 30 years				
21–30 years				
11–20 years				
4–10 years				
3 years or less				
7. Service area of project				
Regional				
City-wide				
Several neighborhoods				
One neighborhood or less				
8. Department priority				
High				
Medium				
Low				
9. Project delivers level of service desired by community				
High				
Medium				
Low				