



VILLAGE OF CLEVELAND

HIKA PARK MASTER PLAN

PLAN COMMISSION PRESENTATION

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Cedar Corporation Planning Staff



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The Hika Park Master Plan

Project Directives

1. Update and expand elements of the previous Hika Park Master Plan: *Hika Bay Park & Dam Impoundment Area Master Plan*
2. Plan to include all three areas of the park:
 1. Hika Park (Launch/Parking Area)
 2. Hike Sands and the
 3. Centerville Creek Restoration Area
3. Create conceptual site plan options for the three areas for review
4. Involve community stakeholders to provide input and review the conceptual site plans
5. Presentation of initial findings to the Village of Cleveland Plan Commission and public
6. Investigate grant and funding options for recommended plan options



The Hika Park Master Plan Planning Process

1. Gather community input.
2. Met with a wide variety of community stakeholders to hear their ideas and vision for Hika Park, Hike Sands and the Centerville Creek Restoration Area.
3. Created conceptual site plans for the three areas incorporating the main ideas that came out of the stakeholder meetings.
4. Held a meeting with the community stakeholders to review the conceptual site plans and vote on their preferred choices. They provided further comments.
5. Shared concepts with two engineering firms to gather their perspectives on the options. Pros. Cons. Scale of cost.
6. Presentation of initial findings to the Village of Cleveland Plan Commission.
7. Hold a Public Informational Meeting and select recommended plan options.



Community Stakeholders

1. Cleveland Lions Club
2. Cleveland Fish and Game
3. Dan Welch, Sport Fishing
4. East Wind Garden Club
5. Cleveland Athletic Club
6. Friends of Hika Bay
7. Business Owners
8. Cleveland Elementary School
9. Adjacent Property Owners and Residents



Hika Park Stakeholder Interview Questions

1. What are your thoughts and ideas for future development at Hika Park (Opportunities).
2. What impacts do you think will occur locally, regionally if park upgrades are pursued?
3. Is there a preference for the types of recreation (passive vs active) or can a balance be achieved at Hika Park?
4. What is the desired level of intensity for new facilities?



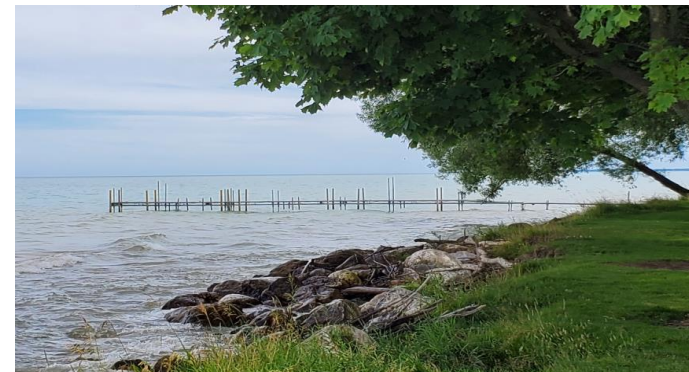
Initial Concerns/Barriers

1. Repeated damage to the Hika Park boat ramp and pier. Running out of Band Aids. Protection needed. Boat launch safety concerns. Fluctuating lake levels.
2. Protect park and adjacent privately owned shoreline. Erosion/Sedimentation
3. Need for expanded boat and trailer parking
4. Future of municipal garage on Hika Sands. Hika House location impacts.
5. Balance intensity of facilities and uses
6. Loss of passive lake viewing opportunities
7. Scale of project must be based on ability to fund. Research funding opportunities.
8. Invasive specie control in Hika Sands and Centerville Creek. Continued restoration.
9. Pedestrian safety to access park locations
10. Park surveillance
11. Loss of “Dark Sky”



Opportunities

1. A growing fishery. Good off shore fish structure. WDNR three year stocking commitment.
2. Improve boat launch safety and parking to accommodate boating needs
3. Utilize exceptional passive lake views
4. Promote beach access and passive beach use
5. Supporting neighbors if improvements are kept in balance
6. Further enhance past investments in Hika Sands and Centerville Creek. Improved access.
7. Enhance the business community through increased park users
8. Educational opportunities for Cleveland Elementary School
9. Promote “Dark Sky”
10. Promote bird watching
11. Utilize technology for surveillance
12. Funding opportunities



Hika Park Master Plan: Boat Ramp Option 1

Village of Cleveland, Manitowoc County, WI



Key Considerations

1. Provides the most protection in a sheltered harbor design
2. Provides off shore fishing and lake viewing opportunities on breakwater
3. Provides protected boat transient dock
4. Provides flow through parking and launching
5. Loss of parked vehicle passive lake viewing
6. More intensive use of entire lake front area
7. Potential harbor entrance sediment issues
8. Is a "Harbor of Refuge" really needed due to proximity of Manitowoc and Sheboygan?
9. Most costly option likely by a factor of 4 or 5 over options 2 & 3. Five million or more.

Hika Park Master Plan: Boat Ramp Option 2

Village of Cleveland, Manitowoc County, WI



Key Considerations

1. Very functional parking and launching flow
2. Provides some protection from N-NE waves. However, not large enough to protect >2' waves
3. Provide little protection from S-SE waves
4. Jetty would likely need to be extended further to be more useful
5. More study required to determine sediment impacts to south properties
6. Loss of parked vehicle passive lake viewing
7. Cost will be less by a factor of 4 to Option 1
8. Potential for jetty and breakwater expansion. Phase 1 of Option 1.

Hika Park Master Plan: Boat Ramp Option 3

Village of Cleveland, Manitowoc County, WI



1. Most sheltered boat launch option. Saves significant cost of putting large riprap into lake.
2. Will require substantial initial creek dredging to achieve required depth for boats
3. Potential creek sediment issues. Possible more frequent dredging. Can install groin feature to trap sediment from entering mouth. Likely needs jetty adjustments into lake.
4. Tight boat maneuverability. No safe holding area for boats
5. Will require moving existing bridge
6. Parking allows for passive lake viewing and use
7. Cost will be less by a factor of 4 to Option 1

Indicate Your Preferred Options

- Stakeholder Preference

Hika Park	Place Sticker Here
Option 1	
Option 2	
Option 3	

Preliminary Engineering Assessments

1. Boat launch options reviewed by two very unqualified firms: Miller Engineering and Edgewater Resources.
2. Both firms agreed more lake bathymetry (lake topography) study is needed to determine boat launch design, sediment movement and the impact of water levels. A Wave Energy Study would also be required to determine facility design/stamina and sediment movements based on directional wave action.
3. Both firms agreed all options will have sediment and erosion issues. Also, continual Lake Michigan maintenance cost.
4. Both firms agreed Option 2 holds the most promise to achieve the objective of accommodating a boat launch with some protection in the most cost effective manner. It also offers the opportunity to expand in phases (enlargement) based on financial resources.
5. One firm felt Option 2 could be Phase 1 of Option 1. Add more breakwater as boater demand and conditions warrant. Most fishing boats won't attempt 3' waves.
6. Both firms agree all options present artificial obstructions to the natural north to south movement of sand & silt along the shoreline. Potential impacts of built obstructions would require further wave study analysis.

Hika Sands

1. What level of development is appropriate?
2. Can the existing Public Works building be utilized?
3. Protect private property to north
4. Address invasive species. Further ecological study and restoration.
5. Promote beach access and passive beach use.
6. Accommodate overflow parking from ramp?
7. Keep shoreline as natural as possible. Protect lake views.



Hika Sands: Option 1

Village of Cleveland, Manitowoc County, WI



Key Considerations

1. Calls for removal of village garage
2. Maintain as a low impact, passive use area. Natural shoreline.
3. Provides parking for lake viewing/use. However, no overflow boat parking
4. Improves and better defines access to beach area
5. Expands trail system to North
6. Includes a playground area
7. Invasive specie reduction. Plant restoration.

Hika Sands: Option 2

Village of Cleveland, Manitowoc County, WI



Key Considerations

1. Calls for removal of village garage
2. Maintain as a low impact, passive use area. Natural shoreline.
3. Provides some parking for lake viewing/beach use.
4. Parking lot accommodates overflow boat parking
5. Improves access to beach area in several locations along the trail
6. Expands trail system to North
7. Invasive specie reduction. Plant restoration.

Hika Sands: Option 3

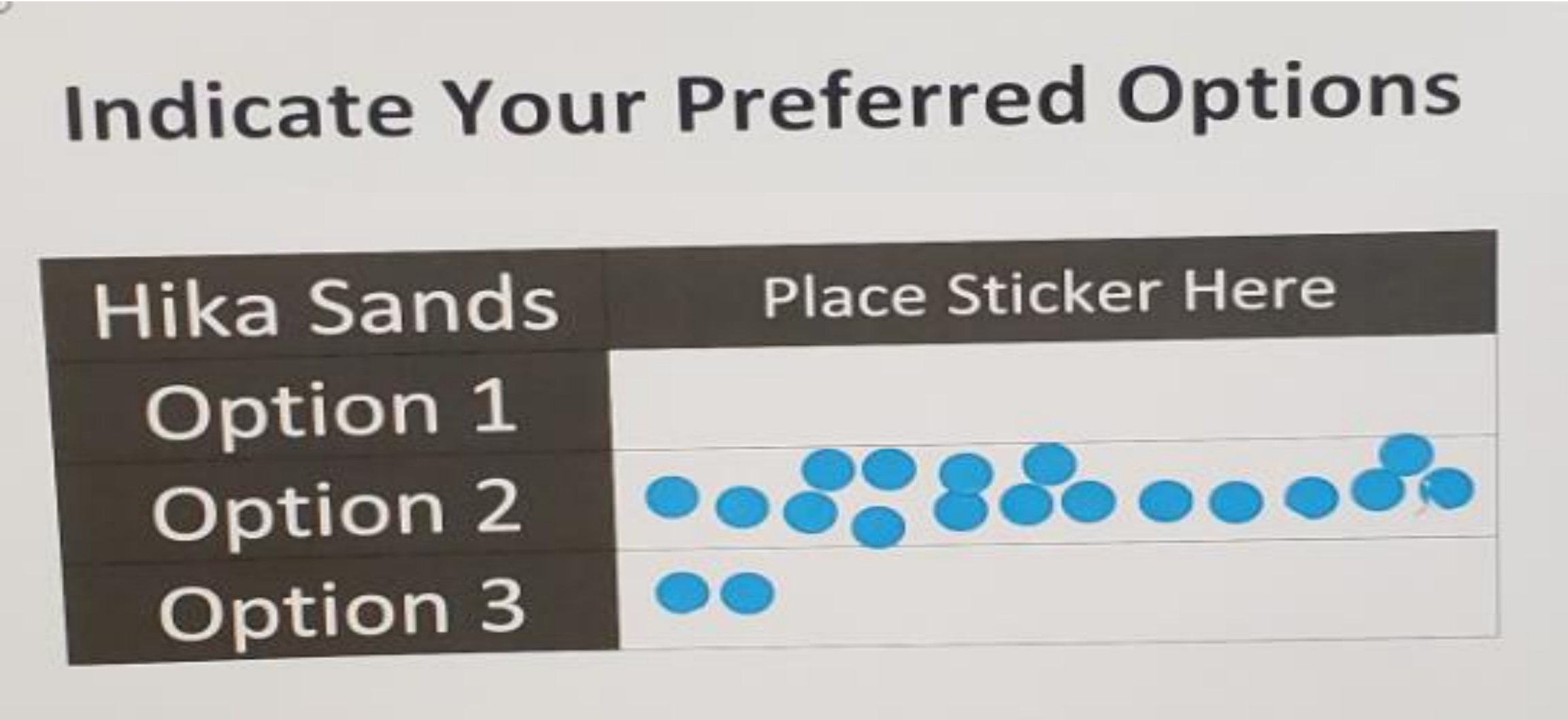
Village of Cleveland, Manitowoc County, WI



Key Considerations

1. Calls for removal of village garage
2. Maintain as a low impact, passive use area. Natural shoreline.
3. Provides some parking for lake viewing/beach use.
4. Circular parking lot more natural in appearance but does not accommodate overflow boat parking
5. Improves access to beach area in several locations along the trail
6. Expands trail system to North
7. Invasive specie reduction & restoration plantings
8. Includes lake observation deck

Hika Sands Stakeholder Preference



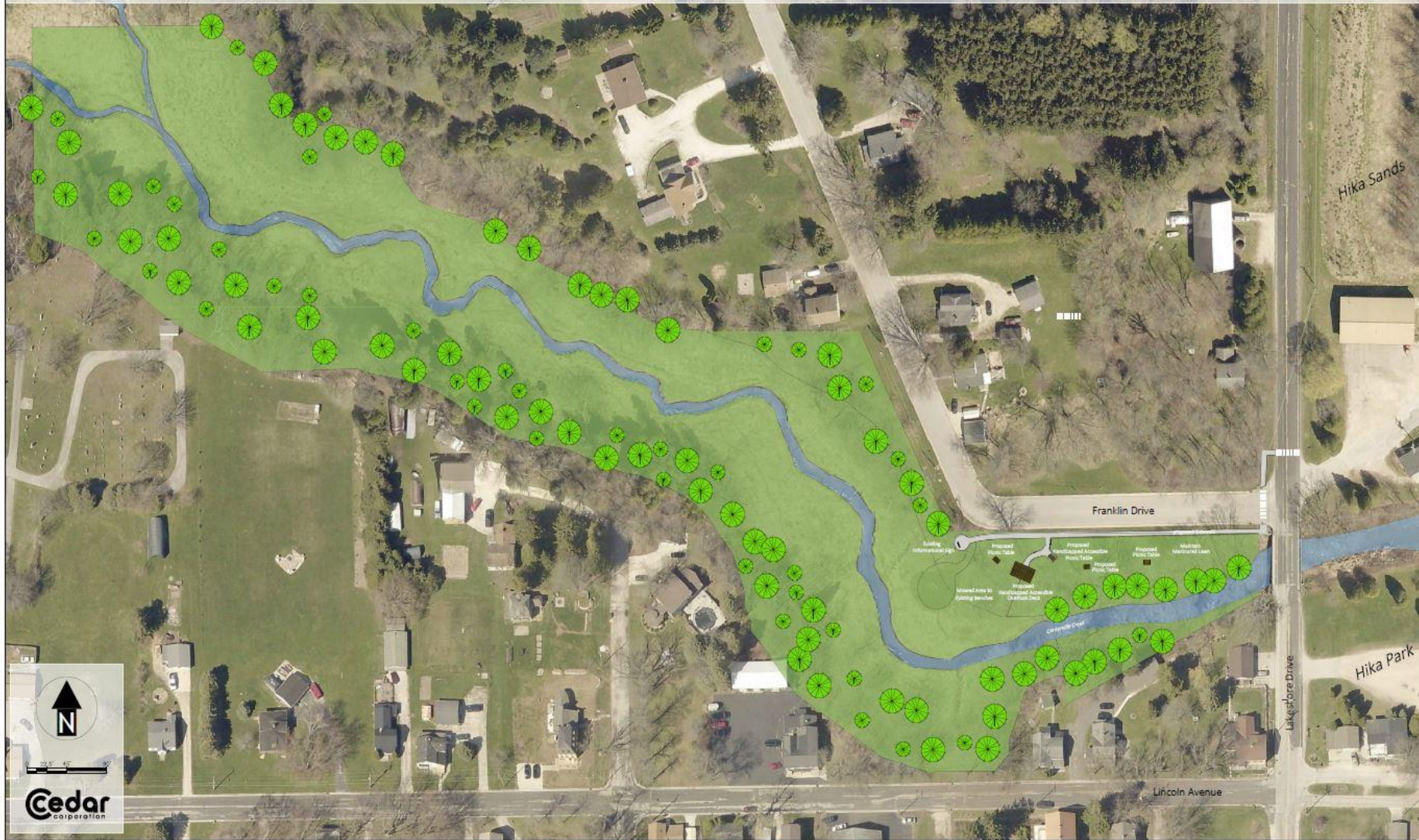
Centerville Creek Restoration Area

1. What level of development is appropriate? Trail expansion?
2. Provide a safe connection to Hika Park and Hika Sands
3. Address invasive species and need for further ecological study and restoration.
4. Allow for overflow parking?
5. Enhance opportunities for “hands on” outdoor education



Centerville Creek Restoration Area: Option 1

Village of Cleveland, Manitowoc County, WI

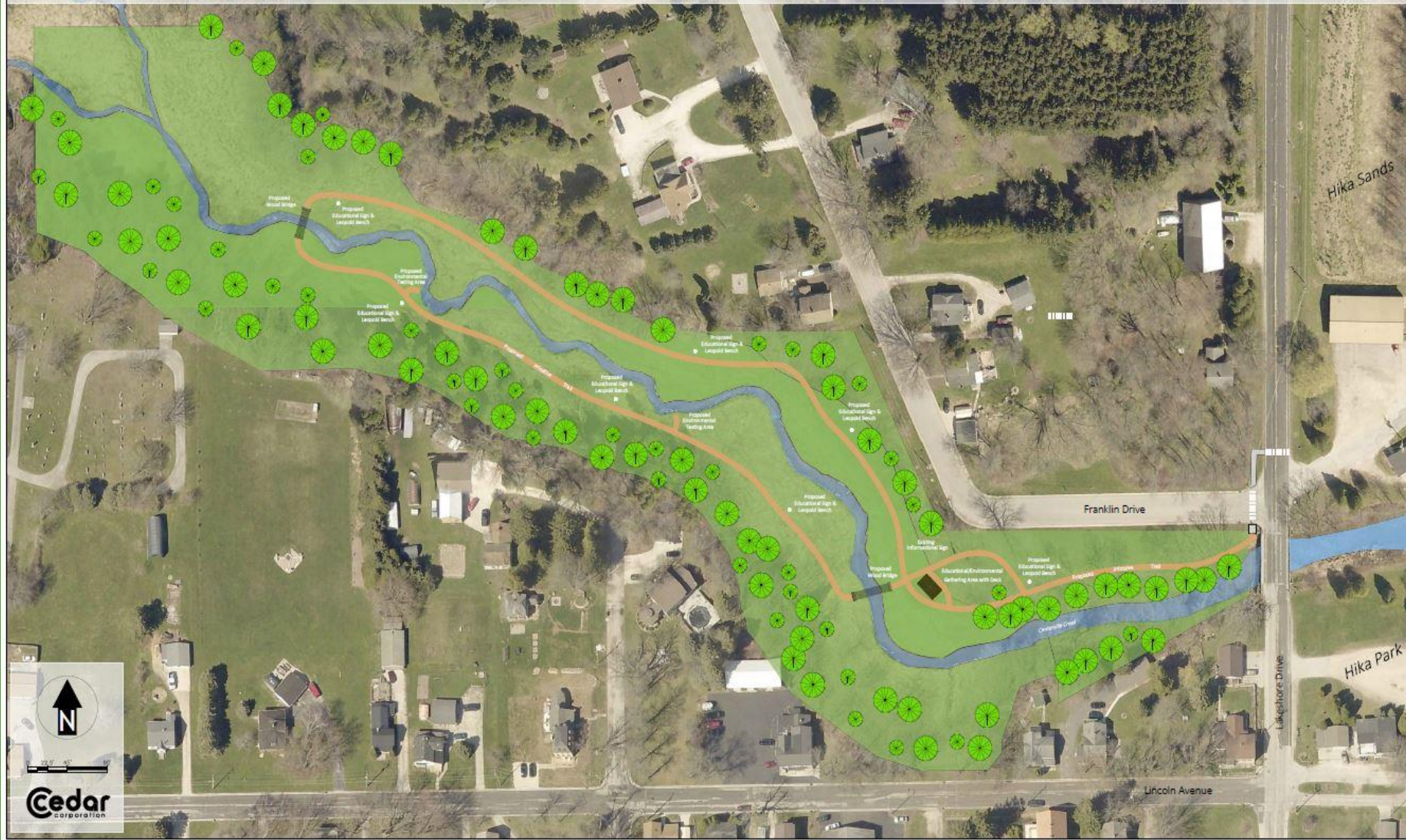


Key Considerations

1. Includes defined crossing for connection with Hika Sands
2. Includes an observation deck and picnic area
3. Portable picnic table area along Franklin Dr. will allow greenspace to still be used for overflow boat trailer parking
4. Invasive species control with new plantings

Centerville Creek Restoration Area: Option 2

Village of Cleveland, Manitowoc County, WI





Key Considerations

1. Includes defined crossing for connection with Hika Sands
2. Expands natural trail system along the creek including two bridge crossings and creek testing locations
3. Preserves greenspace along Franklin Dr. to still be used for overflow boat trailer parking
4. Includes an observation deck and Environmental gathering area.
5. Invasive species control with new plantings

Centerville Creek Restoration Area Stakeholder Preference

Indicate Your Preferred Options

Centerville Creek Restoration Area	Place Sticker Here
Option 1	
Option 2	

Tonight's Objectives

- Educate. (We hope you learned about the process, options and input to date)
- Answer your questions.
- Discuss Recommendations/Future Study.
- Discuss format for Village Public Informational Meeting.





THANK YOU



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