

WHITEWATER TOWNSHIP  
PARKS AND RECREATION ADVISORY COMMITTEE  
AGENDA FOR REGULAR MEETING  
March 19, 2024  
5:00 PM, Whitewater Township Hall  
5777 Vinton Road, Williamsburg, MI 49690  
Phone 231-267-5141/Fax 231-267-9020

Topic: Parks and Rec Advisory Committee Meeting

Time: March 19, 2024, 05:00 PM - Note the different meeting time

1. Roll Call of Committee Members
2. Set/Adjust Meeting Agenda
3. Declaration of Conflict of Interest
4. **Public Comment:** Any person shall be permitted to address a meeting of the committee. Public comments shall be carried out in accordance with the following rules and procedures:
  - a. Comments shall be directed to the Committee, with questions directed to the Chair.
  - b. Any person wishing to address the Committee shall speak from the lectern and state his/her name and address.
  - c. Persons may address the commission on matters that are relevant to township Parks and recreation issues.
  - d. No person shall be allowed to speak more than once on the same matter, excluding the time needed to answer Committee members' questions.
  - e. Public comment shall be limited to 3 minutes.
5. Approval of February 20, 2024 regular meeting minutes
6. Correspondence/Reports/Presentations:
7. Unfinished Business:
  - 1) Bylaw Revisions / Comments
  - 2) Grand Traverse ARPA agreement;
  - 3) Lossie Road Motorized vehicle access drafted memo
  - 4) BCNA Trail design: Revised costs provided, finalize what recommendations are to send board
  - 5) WWT Park Playground Toddler equipment addition:
  - 6) 2024 Budget recommendations / changes
8. New Business:

none
9. Next Meeting April 16, 2024
10. Public Comment
11. Adjournment

Whitewater Township will provide necessary reasonable auxiliary aids and services to individuals with disabilities who are planning to attend. Contact the township supervisor at 231-267-5141.



**DRAFT**  
**Whitewater Township**  
**Parks and Recreation Advisory Committee**  
**Minutes for Regular Meeting**  
**February 20, 2024**

**Call to order 7:00 p.m.**

**Roll Call:** Melton, Voice, Buczkowski, Fran Butler

Absent: Cosgrove, Hubbell

Also present: Recording Secretary MacLean, Parks Manager Andrew Butler

**Set / Approve Agenda:**

**Declaration of Conflict of Interest:** None

**Public Comment:**

Begin: 7:04 p.m.

Heidi Vollmuth, 8388 Winnie Lane, Private citizen

End: 7:06 p.m.

**Approval of minutes:**

**MOTION** by Voice, second by Butler to approve January 24, 2024, meeting minutes.

On voice vote, all in favor. Motion carried.

**Reports/Presentations/Announcements/Comments/Correspondence:**

None

**Unfinished Business:**

1. Lossie Road Nature Trail (LRNT) What rights does the township have? What rights do the property owners have? Non-motorized issue still needs to be addressed. Need legal documents to be presented to legal and Gosling Czubak.

2. Grand Traverse ARPA agreement update: Melton will reconnect with the Supervisor.

3. BCNA trail design, the loop trail design and cost analysis. Sustainability and low maintenance is a priority with GT Regional Land Conservancy (GTRLC). A loop or a "lollipop loop" shape is preferred.

The cost estimates are through SEEDS. The estimate includes funds for wetland delineation and a small boardwalk.

There may be a wet spot area that would need a slightly raised boardwalk.

To complete the New South Loop project via a "lollipop loop" would be \$60,977.

To complete the loop via the Skegemog Point Road Right of Way (ROW) it is approximately \$147,000 because it would require a retaining wall the whole distance.

To complete the loop via an easement with the property owner would be \$22,227.

To reroute the existing path it would be \$14,135.00

Excellent work. Thank you, Gary!!

Will get this in to the Board for the 2024/2025 budget. The township ARPA funds have not been specifically designated.

Will need to look into how the ARPA funds can be used as far as using a non-profit (SEEDS) and / or needing a full on bidding process.

Boardwalk = Richter and Woodcraft

Present the different options to the Board. Present it all to them and give them the PRAC recommendation.

All estimates include a 15% contingency

**Recommendation:**

New South Loop at \$60,977 and

Re-route the existing path at \$14,135.00 and

The true loop crossing the private property at \$22,227.00

4. WWT park playground toddler equipment addition update. Brandon has not gotten any reply from the company. Will add 25% to last year's budget amount.

5. 2024 Budget: toddler playground equipment (Park fund); BCNA proposal as being recommended above - plus parking lot; LRNT is County ARPA funding; did not get a price back on covering the bleachers for Hi Pray Park; still need an estimate on the cutting, grinding and removal of shrub from around the ball field fence; full bleacher replacements including shipping \$10,000 X 4 = \$40,000 (high estimate).

Request Hi Pray walking trail seed money to investigate the feasibility of the path, \$5,000. The high level whole project guestimate ended up \$400,000 to nearly \$1 mil.

**New Business:**

1. Bylaws changes will be updated by Melton who will bring them back for approval at the March meeting.

**Committee Comment and Discussion:** None

**Next regular meeting:** Tuesday, March 19, 2024.

**Public Comment:**

None

**Adjournment at 9:35 p.m.**

Respectfully submitted,  
Lois MacLean  
Recording Secretary





**MEMO****TO:** Parks and Recreation Committee Members**FROM:** Gary Buczkowski (Member Alternate)**DATE:** March 14, 2024**RE:** PRAC Relevance

**BACKGROUND** Ordinance No. 48 was adopted to create a Parks and Recreation Advisory Committee (PRAC) for the Township of Whitewater for the purpose of preparing, reviewing, and updating a Recreation Plan for the Township Parks and Recreation areas as a guide for recreational development within the Township for consideration by the Township Board. Further, the PRAC shall recommend recreation programs, policies, acquisitions and improvements to the Township Board as well as other duties that the Township Board may assign.

**IMPLICATIONS** With the absence of a Trustee representation on the PRAC committee and or other recent events, the long-term relevance of the committee has come into question. Comments made by certain Board members as to how the PRAC is functioning show signs of a lack of confidence in the committees' processes. In an effort to re-gain the confidence of the Board, the PRAC committee needs to re-think and adopt a more professional approach to fulfill its mission as outlined in Ordinance 48 or as further assigned. Such items might include:

1. Re-establish the direct communication conduit between W.W.T. Board and the PRAC committee. If this Board member option is not available, the PRAC should request that the Park manager fulfill that duty. If that scenario were to come about, the PARC should allow the manager to voice his or her opinion on an equal basis to all other members of the committee. The expectation of the PRAC would be that the manager would report back to the Board monthly at the regular monthly meeting. This report by the park manager would be based on fact and without any personal bias unless the Board directly requests the manager's point of view. The park manager would be in no way obligated to entertain any request from a PRAC member or committee formal or informal without first going to the manager's direct supervisor for his or her approval. The park manager may at his own discretion tack on projects identified by the PRAC at no obligation to the PRAC.
2. Moving forward any formal request for discussion or consensus by the PRAC, must be accompanied by a written narrative outlining the need for discussion, viable options or alternatives and any recommendations. This document may be crafted to allow for committee input, modification, and final recommendation. Upon finalization, this document could be used as the means of communication between the PRAC and the Trustee's.
3. Moving forward the PRAC should establish a written list of goals and or desired accomplishments to be completed within the next 12 months. This list should coincide with the goals identified in the 5 Year Comprehensive Master Plan. Along with the goals, the PRAC should develop and agree upon a realistic timeline for completing those

goals. The timeline should be detailed enough to include task responsibilities, outside contributors, committee approvals and Trustee decision making.

**RECOMMENDATION** The PRAC committee should adopt the above three outlined items to more efficiently function as viable community support entity. Further recommend the WWT Board agree to designate and assign the park manager as the full-time replacement for the vacated Board Trustee seat on the PRAC committee and perform the duties as outlined above.



## Whitewater Township Parks and Recreation Advisory Committee

### Bylaws

The following rules of procedure are hereby adopted for the Whitewater Township Parks and Recreation Advisory Committee to facilitate the performance of its duties as outlined by the Whitewater Township Board of Trustees and General Ordinance No. 48.

#### SECTION 1: Membership

- A. Membership Size** The Parks and Recreation Advisory Board shall consist of five (5) members and may have two (2) alternate members.
- B. Membership Terms of Office** Members are appointed by the Whitewater Township Board of Trustees for staggered three year terms and expire on December 31. Members are expected to serve until their term expires and a successor has been appointed as provided above.
- C. Membership Departure** Members who are unable or unwilling to serve the entire terms for which they were appointed or who do not wish to be considered for reappointment shall provide sixty (60) days advance written notice of that fact to the Whitewater Township Board of Trustees so that a successor may be appointed and approved in a timely manner that does not require the Committee to function with less than the five (5) members provided.
- D. Membership Qualification** All members shall be either qualified electors of the Township of Whitewater or a property owner within the Township.
- E. Liaisons** The Township Board Representative (including agents or consultants) shall have the ability to participate in discussions of the Committee during their meetings.

#### Section 2: Officers

- A. Selection and Tenure** At the first regular meeting each January, the Parks and Recreation Advisory Committee shall select a Chairperson, Vice Chairperson, and Secretary. A recording secretary will be provided by the Township Board of Trustees. All officers shall serve a term of one year and shall be eligible for re-election for consecutive terms for the same office. The newly elected officers shall assume their responsibilities at the next regular meeting. If due to unforeseen circumstances, the Parks and Recreation Advisory Committee is unable to elect officers at the January meeting, those officers whose terms as officers have expired and who remain as active members of the Parks and Recreation Advisory Committee shall continue their services as officers until elections are held.

- B. Chairperson** The chairperson shall prepare the agenda for the meetings, shall preside at all meetings and perform such other duties as may be ordered by the Township Board of Trustees.
- C. Vice Chairperson** The Vice Chairperson shall act in the capacity of the chairperson in his/her absence.
- D. Secretary** The Secretary shall be responsible for secretarial duties, including signing official committee documents.
- E. Recording Secretary** The Recording Secretary will be appointed by the Township Board to record the discussions, recommendations and actions taken by the Committee.

### **SECTION 3: Meetings**

The business of the Parks and Recreation Advisory Committee shall be conducted at a public meeting held in compliance with the Open Meetings Act.

- A. Regular Meetings** Meetings of the Parks and Recreation Advisory Committee shall be held on the third Tuesday of each month. All meetings shall take place at Whitewater Township Hall, 5777 Vinton Road, Williamsburg, MI 49690 at 7:00 P.M. When a regular meeting falls on a legal holiday or upon a day resulting in a conflict, the Parks and Recreation Advisory Committee shall, if possible, select a suitable alternate meeting date in the same month as the originally scheduled meeting. If a meeting is to be held at a location other than the Township Hall, notice shall be posted at the Township Hall and on the Township website.

Notice of regular Parks and Recreation Advisory Committee meetings shall be posted at the Township Hall each year in accordance with the Open Meetings Act and on the Township website.

- B. Special Meetings** Special meetings may be called by written request to the clerk, by the Chairperson, or by at least two members of the Parks and Recreation Advisory Committee. Notice of special meetings shall be given to the members of the Parks and Recreation Advisory Committee at least 48 hours prior to the meeting. Such notice shall state the purpose, time and location of the special meeting and shall be posted at the Township Hall and on the Township website in accordance with the Open Meetings Act.
- C. Agenda** The chairperson shall be responsible for preparing a tentative agenda, with the input of the board representative, for Parks and Recreation Advisory Committee meetings. The agenda may be modified by quorum of the Committee. In the instance of a special meeting, the agenda may be modified only with all members present at the meeting and in agreement.
- D. Quorum** Three (3) members of the Parks and Recreation Advisory Committee shall constitute a quorum for transacting business.
- E. Voting** Actions or motions placed before the Parks and Recreation Advisory Committee may be adopted by a majority vote of the members present and voting, as long as a quorum is present. Voting shall be by voice vote; a roll call vote shall be required if

requested by any Committee member or directed by the Chairperson. Except in the case of conflict of interest, all Parks and Recreation Advisory Committee members, including the Chairperson shall vote on all matters.

- F. Public Records** All meetings, minutes, records, documents, correspondence and other materials of the Parks and Recreation Advisory Committee shall be open to public inspection in accordance with the Freedom of Information Act, except as may otherwise be provided by law.
- G. Parliamentary Procedure** Parliamentary procedure in Parks and Recreation Advisory Committee meetings shall be governed by Roberts Rules of Order.

#### **SECTION 4: Duties of the Parks and Recreation Advisory Committee**

The Parks and Recreation Advisory Committee shall perform the following duties:

- A.** Prepare, review and update a Recreation Plan as a guide for the development of recreation areas within the Township's jurisdiction.
- B.** Prepare an annual report to the Township Board of Trustees of the Parks and Recreation Advisory Committee's operations and the status of planning activities, including recommendations regarding actions by the Township Board related to parks and recreation.
- C.** Perform other duties and responsibilities or respond as requested by the Township Board or the board liaison to the Parks & Recreation Advisory Committee.

#### **SECTION 5: Absences and Removals**

- A.** To be excused, members of the Committee shall notify the Parks and Recreation Advisory Committee Chairperson when they intend to be absent from a meeting. Failure to make this notification prior to the meeting shall result in an unexcused absence.
- B.** Members may be removed by the Township Board of Trustees for misfeasance, malfeasance or nonfeasance in office upon written charges and after a public hearing.

#### **SECTION 6: Conflict of Interest**

During the Declaration of Conflict of Interest portion of the agenda, Parks and Recreation Advisory Committee member (s) shall disclose the potential conflict of interest to the Committee. Failure of a member to disclose a potential conflict of interest as required by these bylaws constitutes malfeasance in office.

In the event that a conflict is declared, the member shall remove themselves from the meeting table until the agenda item is concluded.

## **SECTION 7: Compensation**

Parks and Recreation Advisory Committee Members and the Recording Secretary will receive compensation on a per meeting basis as determined by the Township of Whitewater Board of Trustees. Advisory Committee Members may receive reimbursement for travel and expenses with recommendation by the Advisory Committee and approval by the Township Board of Trustees.

## **SECTION 8: Order of Business**

The order of business shall be as follows:

1. Call to Order
2. Roll Call of Advisory Committee Members
3. Set/Adjust Meeting Agenda
4. Declaration of Conflict of Interest
5. Public Comment
6. Approval of Minutes of Previous Meeting (s)
7. Correspondence
8. Reports/Presentations/Announcements/Comments
9. Unfinished Business
10. New Business
11. Public Comment
12. Adjournment

## **SECTION 10: Amendments**

These bylaws may be amended at any time following a recommendation of the majority of the membership of the Parks and Recreation Advisory Committee. A copy of amended Bylaws to be sent to the Clerk to have on file and sent to the board for there reference.

Adopted by the Parks & Recreation Advisory Committee at their regular meeting held on March 19, 2024





MEMO  
TO:  
FROM:  
DATE:

RE: Lossie Road Trail motorized vehicle access

**BACKGROUND** The Lossie Road nature was deeded to Whitewater Township from the Grand County Road Commission in 1992. Today the Trail is primarily used by walkers and occasionally used by adjacent landowners to access portions of their property which otherwise would not be accessible. Newspaper accounts of the land transfer and references in the 2021-2025 W.W.T. Recreation Master Plan indicate the possibility that these adjacent property owners have legal rights to use the trail as means to access their properties. This question needs to be resolved prior to any improvements on the trail.

**IMPLICATIONS** With plans on the table to make trail improvements, the township must find consensus on whether to continue allowing adjacent landowners access to Lossie trail with motorized vehicles. In addition, the question of whether or not to allow public use of the trail with vehicles also needs to be resolved. This determination is necessary sooner than later because it affects the design engineering and construction of certain man-made structures such as boardwalks and bridges. The Park and Recreation Advisor Committee has identified four scenarios to address a possible solution to the problem.

Scenario 1. Restrict all motor vehicle access with physical barriers. This restriction would not include authorized emergency, maintenance, and or construction vehicles access.

Pros:

- Eliminate impact on path walking users.
- Eliminate impact on physical environment.

Cons:

- Would limit access for adjacent property owners whose only means of access to their property is through the Loosie road trail easement.
- May cause legal issues between property owners and Township.

Scenario 2. Allow motor vehicle access to the public during open public hours without any restrictions.

Pros:

- Would provide a means for adjacent property owners to access their properties.
- Would allow individuals with mobility issues better access to the trail system.

Cons:

- Could cause damage to trail surface especially during wet seasons.
- Could impact trail walkers experience.
- Could endanger other trail users.
- Would require additional engineering and capital improvements expense to deal with motor vehicles.

Scenario 3. Limit motor vehicle access by the public but allow limited vehicular access for adjacent property owners with operatable physical barriers. Access Right to adjacent property owners would be granted through a legal agreement with defined terms and conditions to prevent damage to the trail and or harm to the public user. This restriction would not include authorized emergency, maintenance, and or construction vehicles access.

Pros:

- Possibly prevent a legal battle between adjacent property owners and Township.
- Possibly protect the Township from a potential legal incident between a private property owner and his or her use of a vehicle and a trail user(s).

Cons:

- Would require drafting an access agreement between each of the adjacent property owners and the Township.
- Would require enforcement of that legal easement agreement by the Township.
- Would require additional engineering and capital improvements to deal with vehicles at great expense to any capital improvement made on the trail.

Scenario 4. Limit motor vehicle access by the public but allow limited vehicular access for adjacent property owners with operatable physical barriers. This limited access would be granted through a legal agreement with defined terms and conditions to prevent damage to the trail and or harm to the public trail user. Install a second set of operatable barriers at a point that would not affect adjacent property owner access to their properties. This restriction would not include authorized emergency, maintenance, and or construction vehicles access.

Pros:

- Might prevent a legal battle between adjacent property owner(s) and Township.
- Might protect Township from a possible legal incident between a private property owner operating a vehicle and a trail user(s).
- Would protect the majority of the trail from damage caused by private vehicles use.

Cons:

- Would require drafting an access agreement between each of the adjacent property owners and the Township.
- Would require enforcement of that legal easement agreement by the Township.

## **RECOMMENDATIONS**



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**Revised Engineering estimate Battle Creek South path loop**

3 messages

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**Gary buczkowski** <gbuczkowski.1226@gmail.com>  
To: Mel Melton <mammelon@gmail.com>

Tue, Feb 27, 2024 at 4:05 PM

Hi Mel,

I finally was able to touch base with Kevin from Gosling Czubak to talk about possible fees associated with the path work at Battle Creek. He suggested that we increase the engineering cost by \$13,700 for the boardwalk crossing just west of the Skegemog road culvert. Topo survey 3,500, Eagle and local permitting \$5,500 and \$4,700 for floodway analysis. I we move forward with the return crossing loop crossing the private residence we might be able to combine the legal survey and topo of boardwalk area into one contract and save some money.

Attached are all the revised documents with the new number amounts.

Let me know if you have any questions or need anything else

Gary

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**7 attachments****WWT\_BC\_STEVES\_LIDAR\_SOUTH\_PATH.jpg**  
93K**WWT\_BC\_Survey\_Proposal\_1-24.jpg**  
57K



**WWT\_BC\_Greener\_Path\_proposal\_1-24.jpg**  
72K



**Battle Creek path costs 1-24-2024.xlsx**  
14K



**WWT Battle Creek New Path 2-13-24.pdf**  
6006K



**WWT Battle Creek Wall Details 1-30-2024.pdf**  
1661K



**WWT BC PATH COSTS MEMO 2-27-24.docx**  
23K

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**Melissa Melton** <mammelon@gmail.com>  
To: Gary buczkowski <gbuczkowski.1226@gmail.com>

Wed, Feb 28, 2024 at 9:06 PM

Great! Thanks for the updates.  
Your time on this is greatly appreciated!

Thank you!  
Melissa Melton

On Feb 27, 2024, at 4:05 PM, Gary buczkowski <[gbuczkowski.1226@gmail.com](mailto:gbuczkowski.1226@gmail.com)> wrote:

[Quoted text hidden]

<WWT\_BC\_STEVES\_LIDAR\_SOUTH\_PATH.jpg>  
<WWT\_BC\_Survey\_Proposal\_1-24.jpg>  
<Battle Creek path costs 1-24-2024.xlsx>  
<WWT Battle Creek New Path 2-13-24.pdf>  
<WWT Battle Creek Wall Details 1-30-2024.pdf>  
<WWT\_BC\_Greener\_Path\_proposal\_1-24.jpg>  
<WWT BC PATH COSTS MEMO 2-27-24.docx>

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**Mel Melton** <mammelon@gmail.com>  
To: Gary buczkowski <gbuczkowski.1226@gmail.com>

Sun, Mar 17, 2024 at 5:19 PM

Gary - So I think I submitted the old number from our last PRAC meeting of 97k....so based on this revision, that was wrong. We should discuss this on Tuesday and we can make a revision to board based on our discussions.

Thank you,

[Quoted text hidden]

MEMO

TO:

FROM:

DATE:

RE: Battle Creek Natural Area Path upgrade Project 2024

**BACKGROUND** In the most recent White Water Township Master Plan resident survey residents place a high priority rating on walking paths and trails. In response to that need, the Parks and recreation advisory committee is looking at ways to improve the quality and accessibility to trails and or paths in the community. One such site the committee is looking at is Battle Creek Natural which is located east of Skegemog Point Road. Currently the site has a path which runs from the existing parking area of Skegemog Point Road west and then south around a man-made pond on the southern side of the site. This path with a total length of 7/10 of a mile is covered with turf grass and varies in width from five to twelve feet and ends in an open field. A secondary path comes from the previously described path at about the quarter mile mark and runs northwest 350+/- feet. This path is also covered in turf grass and dead ends at the edge of a wetland area.

From a user perspective, it is not desirable to hike out to the end of a path and turn around and follow the same course back to the starting point. Whenever possible, loop paths should be considered. The only exception to this rule is when the path ends at a point of unique interest such as a lake or overlook.

The existing paths in Battle Creek Natural area are most likely remnants of access ways or drives created by previous landowners. Their width and alignment do not allow for emersion into the natural areas of the site. Furthermore, the ongoing maintenance cost of the turfgrass does not add value to the hiking or walking experience.

**IMPLICATIONS** Realizing the current path configuration at Battle Creek Natural Area has its short comings the Park and Recreation Advisory Committee has come up with the following path improvement options and are depicted on the attached site plan drawing:

*Option 1* Extend the existing path south of the pond back east to Skegemog Point Road (A-1, A-2) and then north along the west side of the road. Getting back to Skegemog Road would require crossing a drainage swale and most likely require a bridge or boardwalk structure. Once on the north side of the drainage swale, a path would be constructed back west (A-3, A-4, A-5) to a point where it intersects the existing path north of the existing pond. These path improvements would result in what is called a lollipop configuration which is more desirable than the current dead-end path.

Cost Implications of this Option 1

**\$76,810**



*Option 2* Re alignment of the existing path network into a more natural setting.

Cost Implications of existing path re-alignment items = **\$14,135**

*Option 3* Establish a new path off proposed south loop option 1 (\$76,810) back east to Skegemog Road Right of Way. Construct a path in the existing steep slope north to the private residence property and then into the Grand County Road Commissions ROW back to the path starting point in the existing parking area. This option would require an easement agreement with Grant Traverse County Road Commission.

Cost Implications of Option 3:

Option 1 new loop	\$76,810
New easterly path back to Skegemog ROW	\$5,899
New path paralleling Skegemog Rd. on slope.	<u>\$147,000</u>
	<b>\$229,709</b>

*Option 4* Establish a new path off proposed south loop option 1 (\$76,810) back east to Skegemog Road Right of Way and then north paralleling Skegemog Road and then across and easement on the private residence property. This option would require an easement agreement with the private property owner east of Skegemog Road.

Cost Implications of Option 4:

Option 1 new loop	\$76,810
New easterly path back to Skegemog ROW and across the private residence property.	<u>\$22,227</u>
	<b>\$99,037</b>

*Option 6* Re-route the path heading northwest to Elk Lake. Construct a boardwalk over and through the wetland area to the beach on the southside of Elk Lake.

Cost Implications of Option 6: **\$263,514**

*Option 7* Construct a new path back to the existing parking area and path beginning across the private residence in the center of Battle Creek Natural Area.

Cost Implications of Option 7: **\$22,227**

In addition to the above Options the existing parking area should be improved to include a van accessible drop off area and appropriate signage to comply with current ADA requirements.

Cost of this item

**\$20,010**

## **RECOMMENDATIONS**

The Parks and Recreation Advisory Committee recommends the Township Trustee's earmark funds in the 2024 budget to improve the existing paths and or construct new paths Option 1 \$76,810, Option 2 \$14,135, Option 7 \$22,227 and ADA parking improvement \$20,010 as outlined above for Battle Creek Natural area according to attached plans and documents. Total project budget cost of \$133,182.

	<i>Seeds Trail</i>	<i>Board Walk</i>	<i>Engineering Consulting</i>	<i>GTRLC</i>	<i>Parking ADA</i>	
<i>Option 1</i>	3,862	27,500	3,300	4,000	17,400	
<i>New South</i>	2,182		16,700			
<i>Loop</i>	2,862					
	4,387					
	3,228					
	550					
 <i>option 2</i>						
<i>Re-route</i>	12,292					
<i>Existing</i>						
	4,412	4,125	945	600	2,610	
	33,775	31,625	20,945	4,600	20,010	110,955
	2,133					
 <i>Option</i>	7,128		5,200			
<i>Loop back</i>			7,000			
<i>across Private</i>						
<i>property</i>	1,069		1,830			
	8,197		14,030			22,227
	41,972		34,975			133,182
	BID 1	BID 2	RFP		BID	

Greener Earth Landscaping  
3153 Scenic Hills Dr  
Williamsburg, MI 49690 US  
2316335468  
Chad@greenerearthlandscaping.com  
greenerearthlandscaping.com

## Estimate

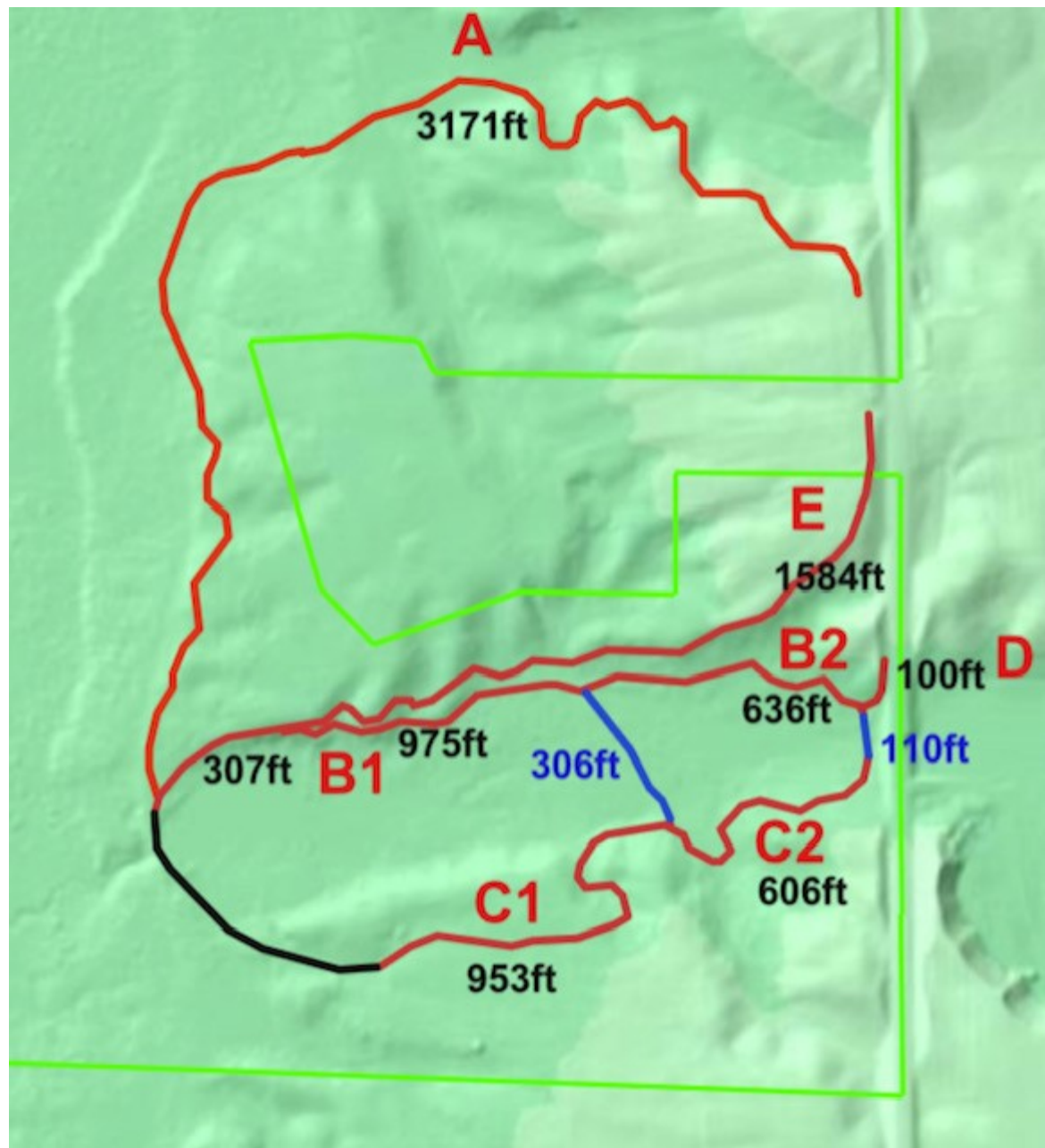
ADDRESS  
Gary Buczkowski  
Skegemog Road Trail Loop

ESTIMATE # 1064  
DATE 02/01/2024

SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
Product	Colored Versa-Lok block includes delivery, approx. 315 blocks embedded	1,945	8.35	16,240.75T
Product	Versa-Lok caps, includes delivery	365	5.99	2,186.35T
Product	Pins and adhesive	1	4,140.00	4,140.00T
Product	Leveling Pad aggregate 25a special, includes delivery	16	91.98	1,471.68T
Product	Versa-Grid	145	2.98	432.10T
Product	Drainage Aggregate 25a	24	81.65	1,959.60T
Product	25a for pathway with an average of 6" depth with 10% contingency for soft areas. Includes delivery	51.30	81.65	4,188.65T
Product	Underlayment for product above, best to use when putting stone walkway on sand.	1	1,113.75	1,113.75T
Product	Top soil for where needed, straw blankets and pins, seed and fertilizer to repair exposed areas.	1	2,500.00	2,500.00T
Labor	Remove all cut soils from area approx. 225 cubic yards approx. 340 ton	48	235.00	11,280.00
Labor	Labor to build wall, includes labor for leveling aggregate and drain aggregate, leveling out pathway, adding underlayment for path, installing and compacting 25a for pathway adding Versa-Grid and adhering caps	1	57,500.00	57,500.00
Product	Contingency for all of the above	1	9,500.00	9,500.00T
Labor	Not included in above estimate are the cost for any permits for this area. Possible roadside permits and soil and water if needed.	1	750.00	750.00

30% down puts you on the calendar, balance due upon completion,  
prices are good for 45 days

SUBTOTAL	113,262.88
TAX	2,623.97
TOTAL	<b>\$115,886.85</b>





Inc.

NEIL L. WAY  
Professional Land Surveyor  
Ph: 231-264-9110  
Cell: 231-883-5410  
eaglelandsurvey@aol.com

7164 Eagle's Way Lane  
Kewadin, MI 49648

WWW.eaglelandsurvey.com

WORK ORDER / ESTIMATE

ESTIMATES AND BIDS ARE VALID FOR 10 DAYS ONLY

DATE: 2-1-2024

FILE NO.: \_\_\_\_\_

ORDERED BY: GARY BUCZKOWSKI  
OF: WHITE WATERS TWP

PHONE: 847-561-2172

ALT. \_\_\_\_\_

FAX: \_\_\_\_\_

INVOICE: \_\_\_\_\_

LOCATED IN: G.L./ 1/4 \_\_\_\_\_ SEC. 26 T. 28 R. 9W WHITEWATER G.T.  
CITY/TWP \_\_\_\_\_ COUNTY \_\_\_\_\_

LOTS: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_

BLOCK: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

TYPE OF SURVEY: (check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Mark/Set Corners                                | <input type="checkbox"/> Mortgage Report (includes Physical Improvements) |
| <input type="checkbox"/> Stake Property Lines                            | Certify To: _____   |
| <input type="checkbox"/> Tie Physical Improvements (House, Drives, etc.) | Mortgage: _____   |
| <input type="checkbox"/> Divide Parcel                                   | Address: _____  |
| <input type="checkbox"/> Drawing: Certificate                            |   |
| <input type="checkbox"/> New Description                                 |   |
| <input type="checkbox"/> Sketch/Preliminary                              |   |
| <input checked="" type="checkbox"/> Other <u>TWO CORNERS @ ROW</u>       | <input checked="" type="checkbox"/> Topographic: Planimetric              |
|  | Contours  |

SPECIAL INSTRUCTIONS:

NOTE TO EMPLOYEES:  
REVERSE SIDE TIME MUST BE COMPLETED.

NOTICE TO CLIENT / CUSTOMER

PAYMENT IS DUE UPON COMPLETION OF WORK,  
OR PRESENTATION OF OUR DRAWING.  
PLEASE SIGN AT "X" AND RETURN TO THIS OFFICE.

TOPOGRAPHIC SITE PLAT  
24"X36" 1 FOOT CONTOURS  
AS SHOWN ON PHOTO 1.4 AC ±

ESTIMATED FEE: \$ 3400

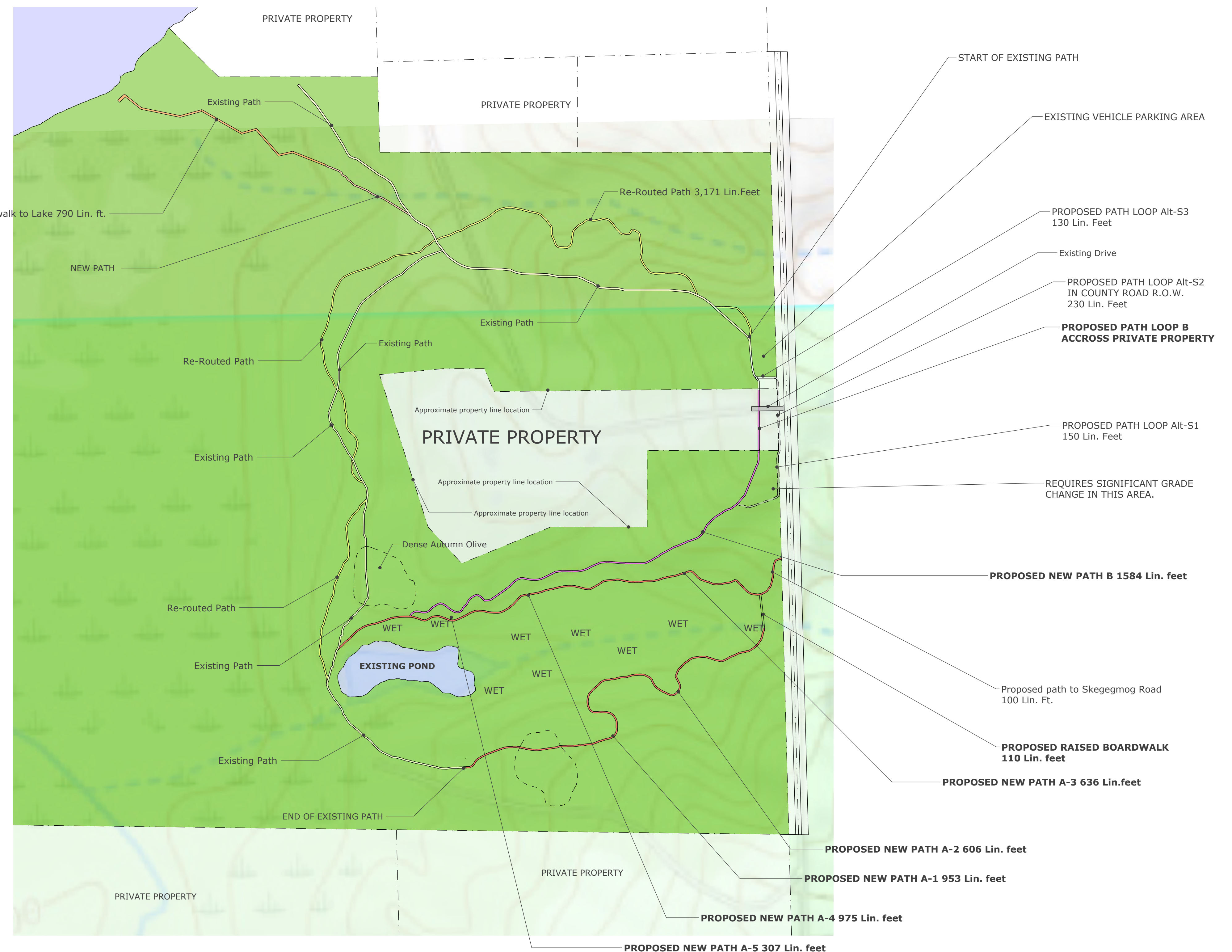
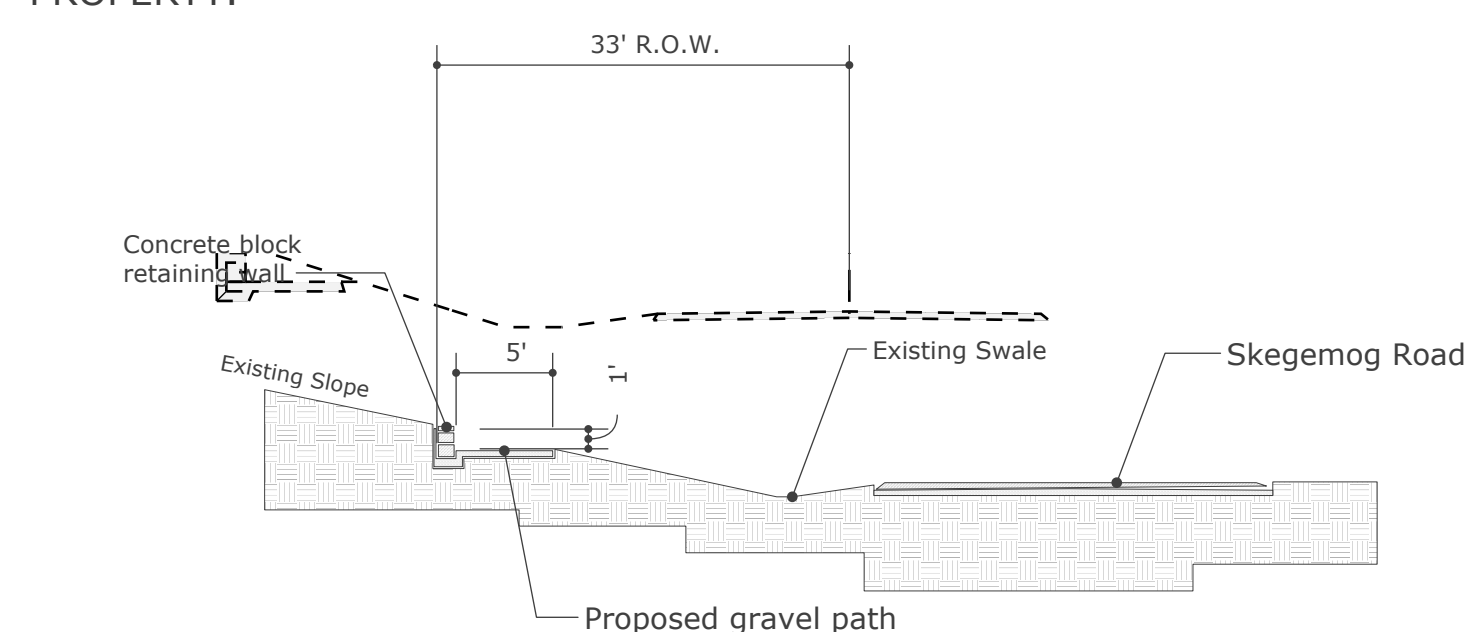
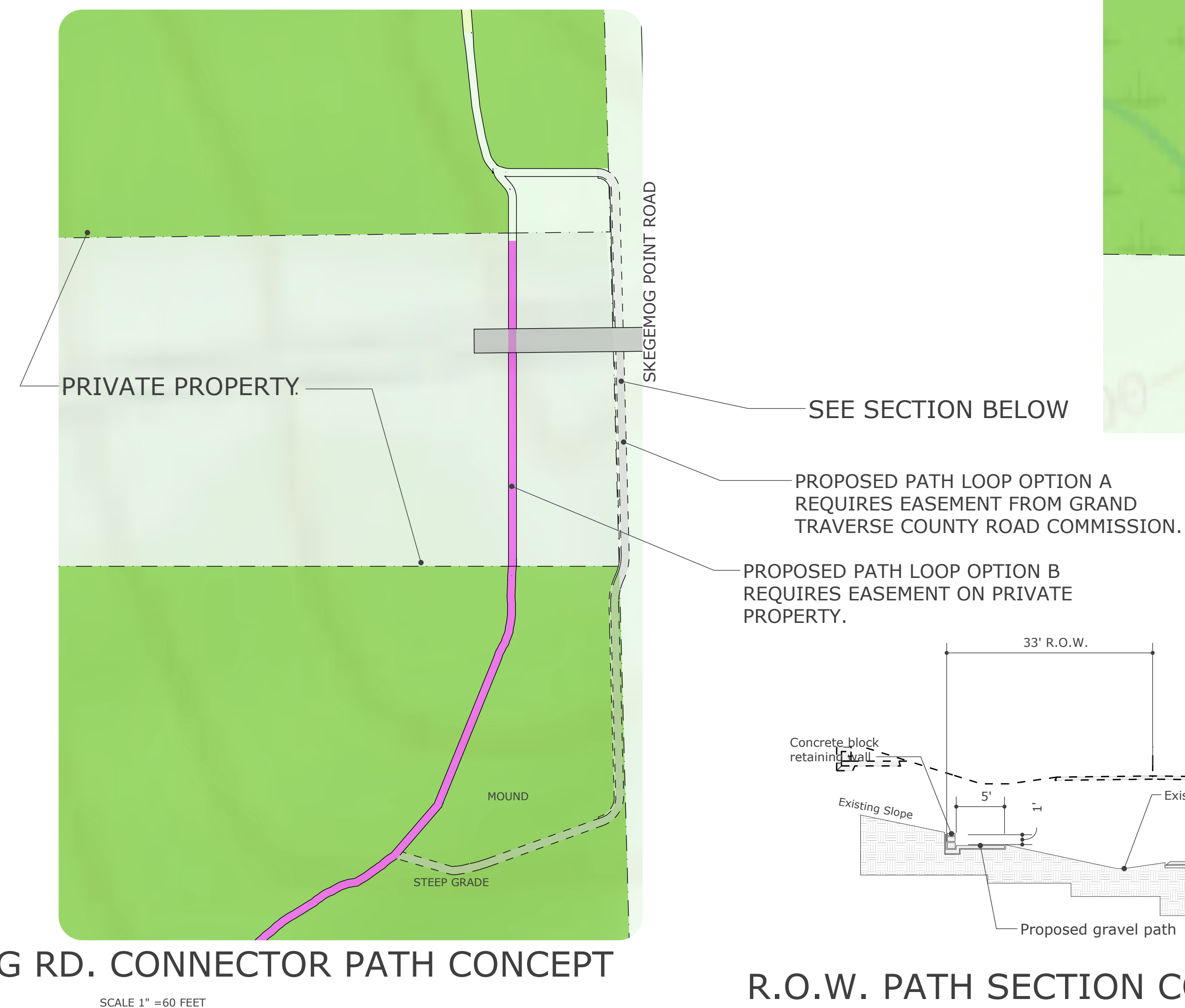
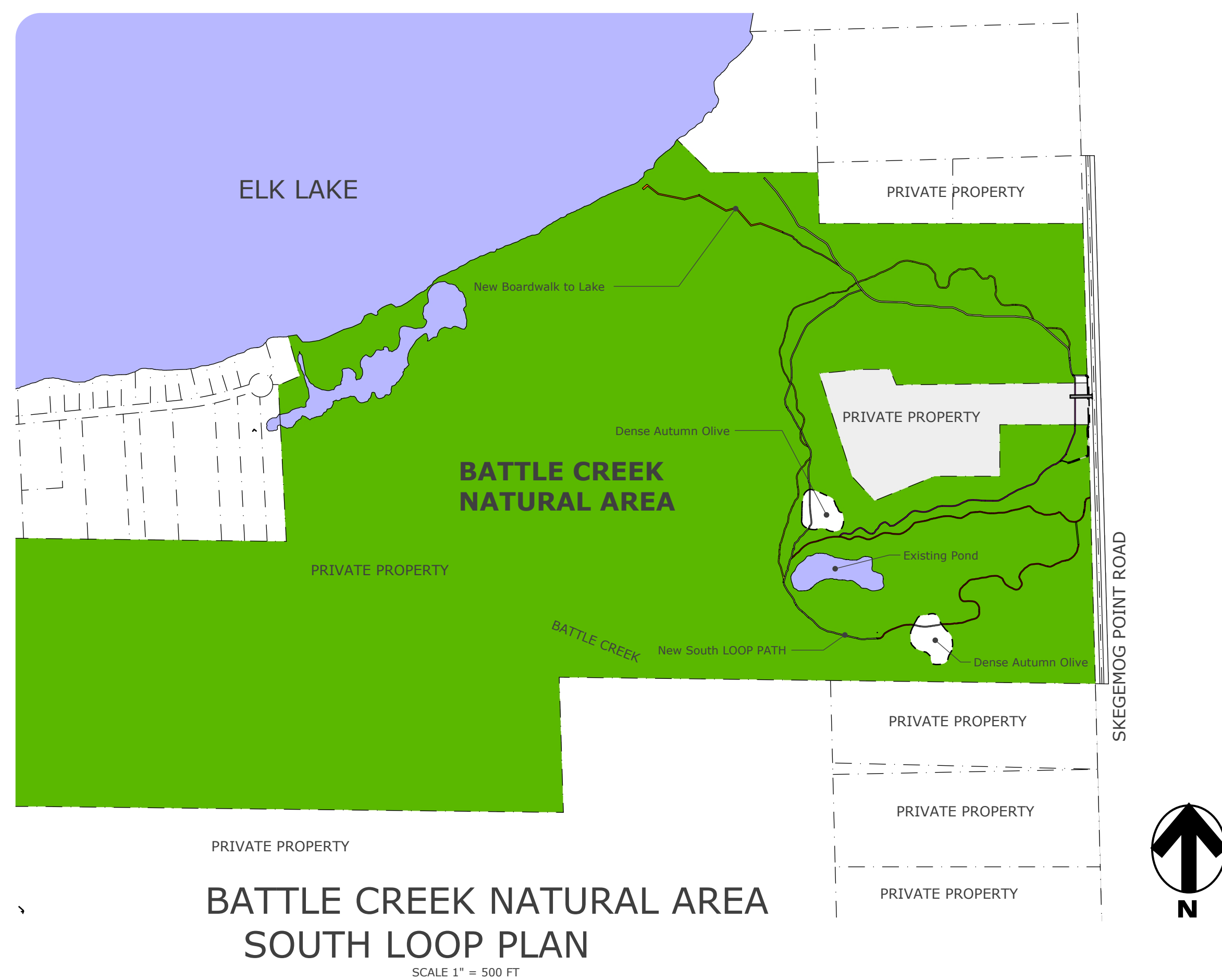
ESTIMATED BY: [Signature]

DUE DATE: \_\_\_\_\_

ACCEPTED BY: X

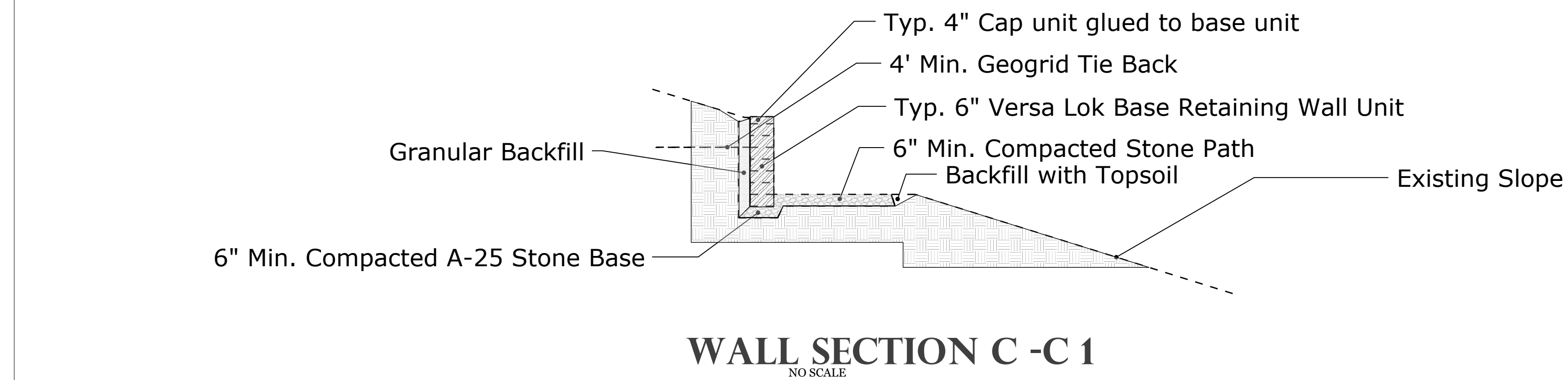
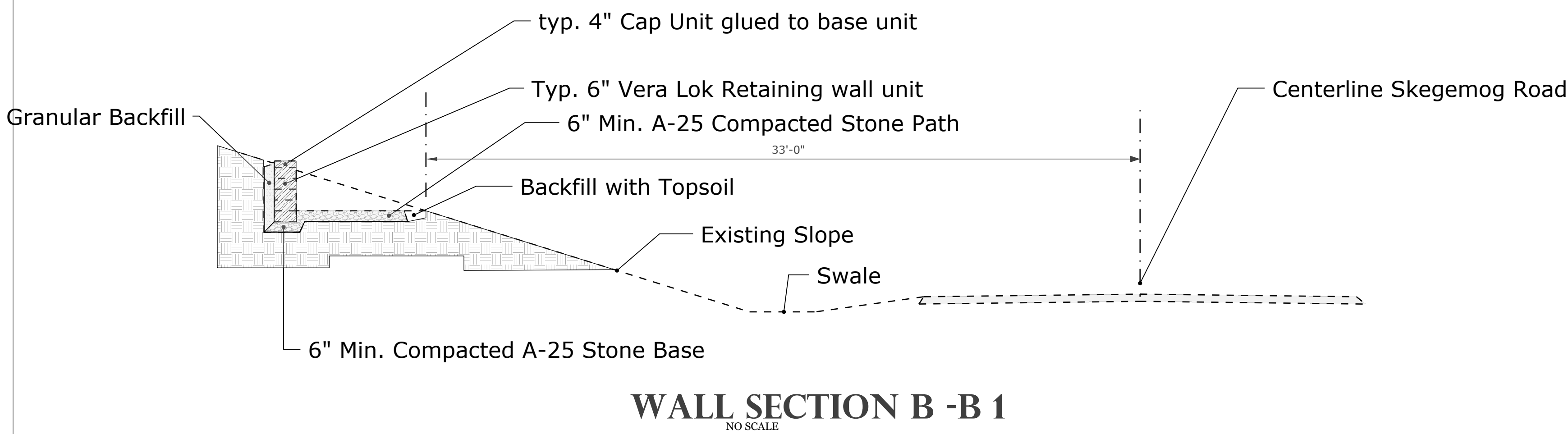
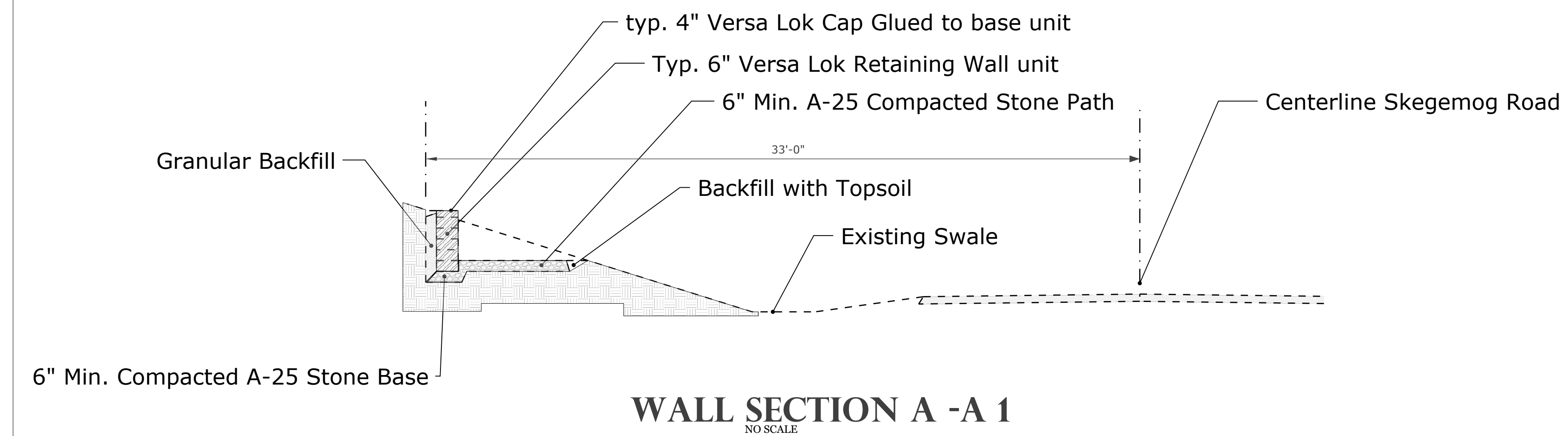
DATE ACCEPTED: \_\_\_\_\_





PROPOSED PATH DISTANCES					
EXISTING PATH W/ LOOP		RE-ROUTE EXISTING W/ LOOP		RE-ROUTE W/ SKEGEMOG RD. RETURN	
EXISTING PATH	6.147	RE-ROUTE PATH	6.342	EXISTING PATH	3.171
PROPOSED A-1,A-2	1.559	EXISTING PATH	590	EXISTING PATH	590
PROPOSED A-3,A-4,A-5	1.918	PROPOSED A-1,A-2	110	PROPOSED A-1,A-2 A-3,A-4	1,252
		PROPOSED A-3,A-4,A-5	1,150	PROPOSED B	1,584
BOARDWALK		BOARDWALK	110	BOARDWALK	110
DISTANCE IN FEET	9,734	DISTANCE IN FEET	10,519	DISTANCE IN FEET	6,707
DISTANCE IN MILES	1.84	DISTANCE IN MILES	1.99	DISTANCE IN MILES	1.27





### NOTES

1. Contractor to remove all excess cut material from site and dispose of it properly.
2. Contractor to backfill and restore all disturbed areas with seed and blanket.

### ESTIMATED QUANTITIES

SECTION A	CUT	115.5 CU YRDS.
SECTION A	A-25	28.1 CU YRDS.
SECTION A	GLANULAR BACK	12.0 CU YRDS.
SECTION B	CUT	72.7 CU YRDS.
SECTION B	A-25 STONE	18.4 CU YRDS.
SECTION B	GRANULAR BACK	7.83 CU YRDS.
SECTION C	CUT	19.0 CU YRDS.
SECTION C	A-25 STONE	3.67 CU YRDS.
SECTION C	GRANULAR BACK	2.16 CU YRDS.

35 FT GEO-GRID FABRIC

