

**Motorized Recreation Grant Application**

For: (choose all that apply) Form 8700-159 (R 12/18)

- ATV/UTV Trail Aid
- Snowmobile Trail Aid
- Motorized Stewardship - 20% County match required

**Due Date: April 15**

**Notice:** Completion of this form is required under Wisconsin Statutes 23.09(26) and 23.33. Failure to complete this form will result in denial of financial assistance. Personally identifiable information found on this form is not intended to be used for any other purpose. The Department of Natural Resources (DNR) may provide this information to requesters as required by Wisconsin's Open Records law {ss. 19.31 – 19.39, Wis. Stats.}.

**Instructions:** Applications may combine more than one source of funds. They may be submitted for consideration of traditional ATV, UTV, Snowmobile and Motorized Stewardship funding. Submit one copy of all forms and attachments. See Page 2 for necessary attachments. Send applications to your [Community Services Specialist](#).

DNR Use Only	
Category	Number

**Section 1: Applicant Information**

Applicant / Organization Name Vilas County Parks and Recreation			Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input checked="" type="checkbox"/> Select if the same as applicant.		
Individual Authorized to Act on Behalf of Applicant per Resolution Todd Bierman			Check Recipient Name (Name to Appear on Check)		
Title Park and Recreation Supervisor			Title		
Address 330 Court Street			Address		
City Eagle River	State WI	ZIP Code 54521	City	State	ZIP Code
Telephone Number (715) 479-5160		Email Address tobier@vilascountywi.gov			

**Section 2: Project Information Required for all Projects**

Project Title Hiawatha Passage					Current Funded Miles 34.6 <del>35.8</del> ATV/501 Snow	New Miles (if applicable) 0.5 ATV/0 Snow
County Vilas	Township 40 N	Range 10	Section 16	GPS Coordinates: Lat. Long.		

**Project Description Summary**

This project is currently used as a Funded Snowmobile Trail. This trail is being proposed to be a Summer ATV/UTV trail that will connect the downtown Eagle River area to communities to the north. There are several services that are cut off from the downtown area with the only access being a 15+ mile road route. The funded snowmobile trail would have a 850 foot reroute to move the trail out of a swamp, that is fed from a roadway storm sewer, and doesn't allow for travel early in the season and opens up usually before the season is over. Grooming equipment has been stuck in this area several times in the past. This project will be constructed on USH 45 ROW to Wisconsin DOT standards. A variance letter is attached with this application. There will be fill added to get to keep a 14' wide trail width with a 10' setback from the fog-line. Funding broken down as follows: ~~RTP: \$139,748; Snow: \$10,481.10; ATV: \$24,455.90~~  
 RTP: \$100,000; Snow: \$22,405; ATV: \$52,280

I certify that all maintenance land use agreements are on file.

**Estimated Cost**

Maintenance \$400.00	Acquisition	Insurance	Development \$174,685.00	Bridge Rehab.	Trail Rehab.	Total Estimated Cost \$175,085.00
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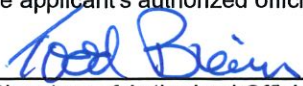
**Leave Blank – DNR Use Only**

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**Applicant Certification**

Printed Name of Authorized Official Todd Bierman	Official's Title Vilas County Parks and Recreation Supervisor
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As the applicant's authorized official, I certify that, to the best of my knowledge, the information in this application is true and correct.

  
 Signature of Authorized Official

2/28/2023  
 Date Prepared

**Appendix B – Required for Trail/Qualified Trout Rehab, Reroute, or Development**

Trail Rehab     Qualified Trout     New Trail     Trail Reroute (Mandatory or Discretionary)

County Vilas	Township 40 N	Range 10	<input checked="" type="radio"/> E <input type="radio"/> W	Section 16	¼ ¼	¼	GPS Coordinates: Lat. Long.
Funded Trail Name or Number (SNARS if applicable) Trail 17				Has this trail ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input checked="" type="radio"/> No    Year: _____ \$ _____			
Trail is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property		Length of Easement or Landowner Use Agreement _____ years			Expiration Date		
Landowner Where Trail is Located Wisconsin Department of Transportation					Telephone Number (715) 365-3490		

What other recreational trail uses are planned for this trail?

None at this time

If there are other Recreational uses planned, how much of the trail development/rehab. cost will be paid for by other users?

How many miles would be affected if this project is not funded? 0	Will this result in closure of a trail? <input type="radio"/> Yes <input checked="" type="radio"/> No
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Is this a critical section to the overall trail system? <input checked="" type="radio"/> Yes <input type="radio"/> No	Is there a reasonable alternative? No
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Does any section of this trail contain a bridge? <input type="radio"/> Yes <input checked="" type="radio"/> No	Will this bridge require rehabilitation now or in the next few years? <input type="radio"/> Yes <input type="radio"/> No	What is the weight of your puller & drag/grading equipment? _____ lbs.
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- Yes    No   Have you contacted your local [DNR Water Management Specialist \(WMS\)](#) regarding a permit?
- Yes    No   Is a permit needed? (Please provide any written correspondence from WMS.)
- Yes    No   Will this project be located near or cross any intermittent or perennial waterway? [Surface Water Data Viewer](#)
- Yes    No   Will this project be located near or cross any wetland?
- Yes    No   Will this project involve land disturbance – including clearing and grubbing – of 1 acre or more of land? (Less than 4/10th mile for a typical trail) [DNR Storm Water Contact List](#)

**Trail Project Detailed Description**

This project is currently used as a Funded Snowmobile Trail. This trail is being proposed to be a Summer ATV/UTV trail that will connect the downtown Eagle River area to communities to the north. There are several services that are cut off from the downtown area with the only access being a 15+ mile road route. The funded snowmobile trail would have a 850 foot reroute to move the trail out of a swamp, that is fed from a roadway storm sewer, and doesn't allow for travel early in the season and opens up usually before the season is over. Grooming equipment has been stuck in this area several times in the past. This project will be constructed on USH 45 ROW to Wisconsin DOT standards. A variance letter is attached with this application. There will be fill added to get to keep a 14' wide trail width with a 10' setback from the fog-line. ~~Funding broken down as follows: RTP: \$10,748; Snow: \$10,481; ATV: \$24,455.90~~

Vilas County is proposing to construct a new Summer ATV/UTV trail and re-locate a portion of the current snowmobile trail. A wider trail base will be established in the USH 45 Row to accommodate at least a 10' set back from the roadway and for a 14' wide trail required by the DOT. There are 2 storm sewer drains that will need to be extended. There is also one area on the trail that will require fill due to a sharp drop-off. This area, as well as the area along the wetland and USH 45 will be built up behind large rip-rap with pit run to bring these areas up to the trail level. Asphalt aprons will be needed at all road and driveway crossings per DOT. A 6"x14' gravel trail base will be installed. Funding to be split as follows: RTP: \$100,000; Snow: \$22,405; ATV: \$52,280

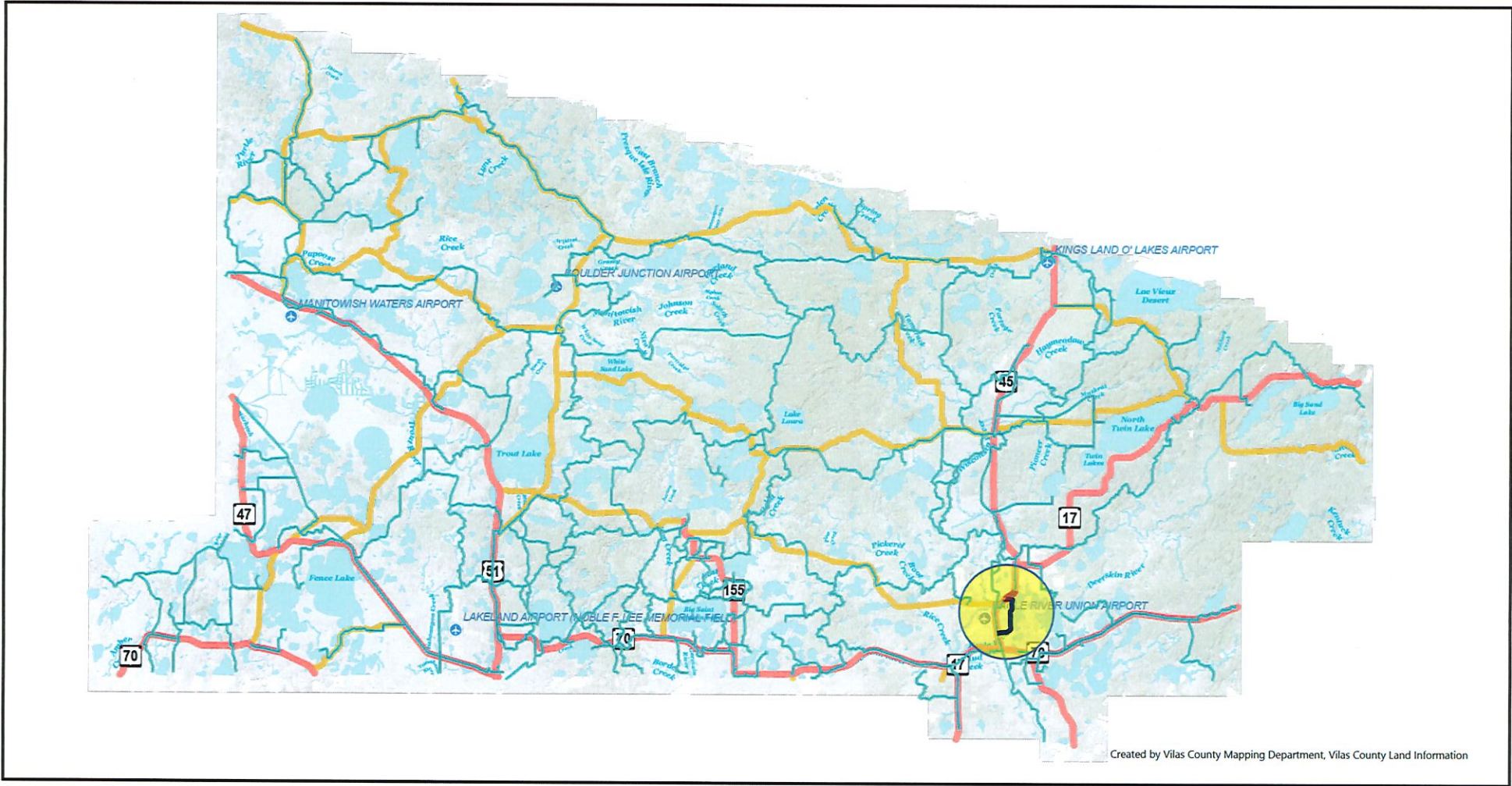
Project Name: Hiawatha Passage		Prepared By: Todd Bierman	Date: 02/16/2023
County: Vilas	Project Applicant: Vilas County Parks & Recreation	Landowner Name: Wisconsin department of Transportation	<input checked="" type="radio"/> Public <input type="radio"/> Private

Indicate - (C) Contract , (F) Force Acct., (D) Donated

DEVELOPMENT PROJECT ITEMS <i>List by individual item or break down by Use Areas (See Item List On Back Of This Form)</i>					
	Quantity	Unit of Measure	Component Costs	Estimated Total Item Cost	
(C)	Engineering	1	LS	\$22,000.00	\$22,000.00
(C)	Mobilization & Bonds	1	LS	\$9,000.00	\$9,000.00
(C)	Erosion & Sediment Control	1	LS	\$8,500.00	\$8,500.00
(C)	Turf Restoration	1	LS	\$8,000.00	\$8,000.00
(C)	Traffic Control	1	LS	\$7,500.00	\$7,500.00
(C)	Furnish & Install Silt Fence	1,800	LF	\$4.00	\$7,200.00
(C)	Furnish & Install Erosion Mat, Class 1, Type B	650	SY	\$2.50	\$1,625.00
(C)	Furnish & Install Inlet Protection, Type C	6	EA	\$65.00	\$390.00
(C)	Furnish & Install 24" Dia. RCP Class 4 Storm Sewer	10	LF	\$125.00	\$1,250.00
(C)	Remove & Re-install Apron Endwall	1	EA	\$500.00	\$500.00
(C)	Connect to Existing Sewer	1	EA	\$500.00	\$500.00
(C)	Furnish & Install Medium Rip Rap	250	CY	\$70.00	\$17,500.00
(C)	Furnish & Install Geo-textile Fabric Type HR	25	SY	\$3.80	\$95.00
(C)	Unclassified Excavation (Includes Removals)	1	LS	\$6,000.00	\$6,000.00
(C)	Furnish & Install Granular Borrow Fill	425	CY	\$15.00	\$6,375.00
(C)	Furnish & Install 6" thick Aggregate Base Dense, 3/4"	3,500	SY	\$7.50	\$26,250.00
(C)	DOT Asphalt Aprons	13	EA	\$4,000.00	\$52,000.00
<b>TOTALS</b>					<b>\$174,685.00</b>

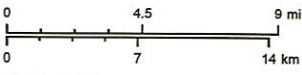
**NOTE:** For acquisition projects, complete the Acquisition Project Cost Estimate Section

# Vilas County Snowmobile Trails Hiawatha Passage



Created by Vilas County Mapping Department, Vilas County Land Information

Scale: 1:253,440

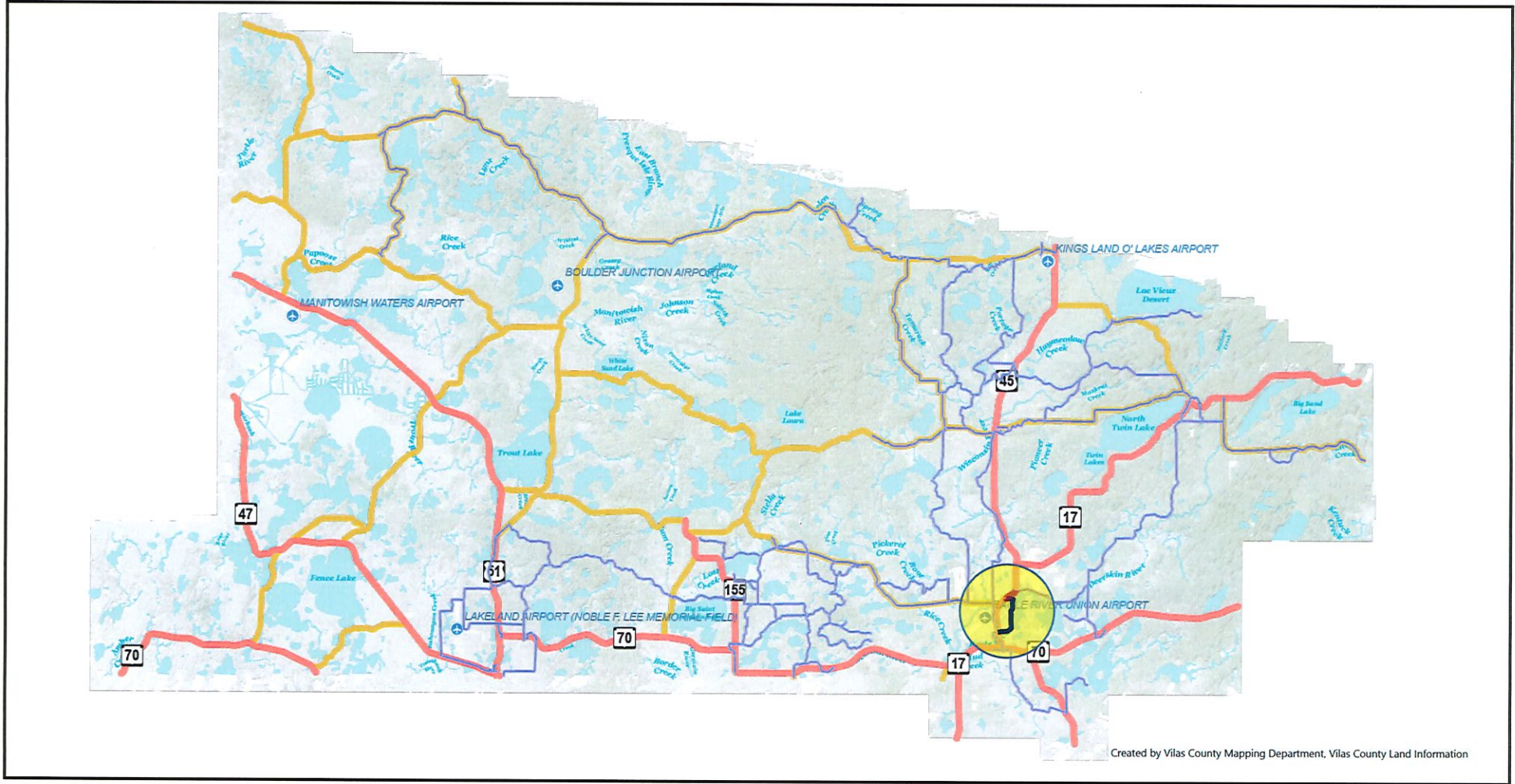


Vilas County Online Mapping

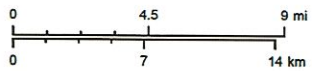
Created 2/15/2023 12:00 PM  
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 This map does not represent a survey.

- |                                |                       |                |
|--------------------------------|-----------------------|----------------|
| Snowmobile Trails (Level 8-10) | Club Snowmobile Trail | County Highway |
| Primary Type                   | Highways              | Airport        |
| Corridor Snowmobile Trail      | Type                  |                |
| Funded Snowmobile Trail        | US/State Highway      |                |

# Vilas County Summer ATV/UTV Trails Hiawatha Passage



Scale: 1:253,440



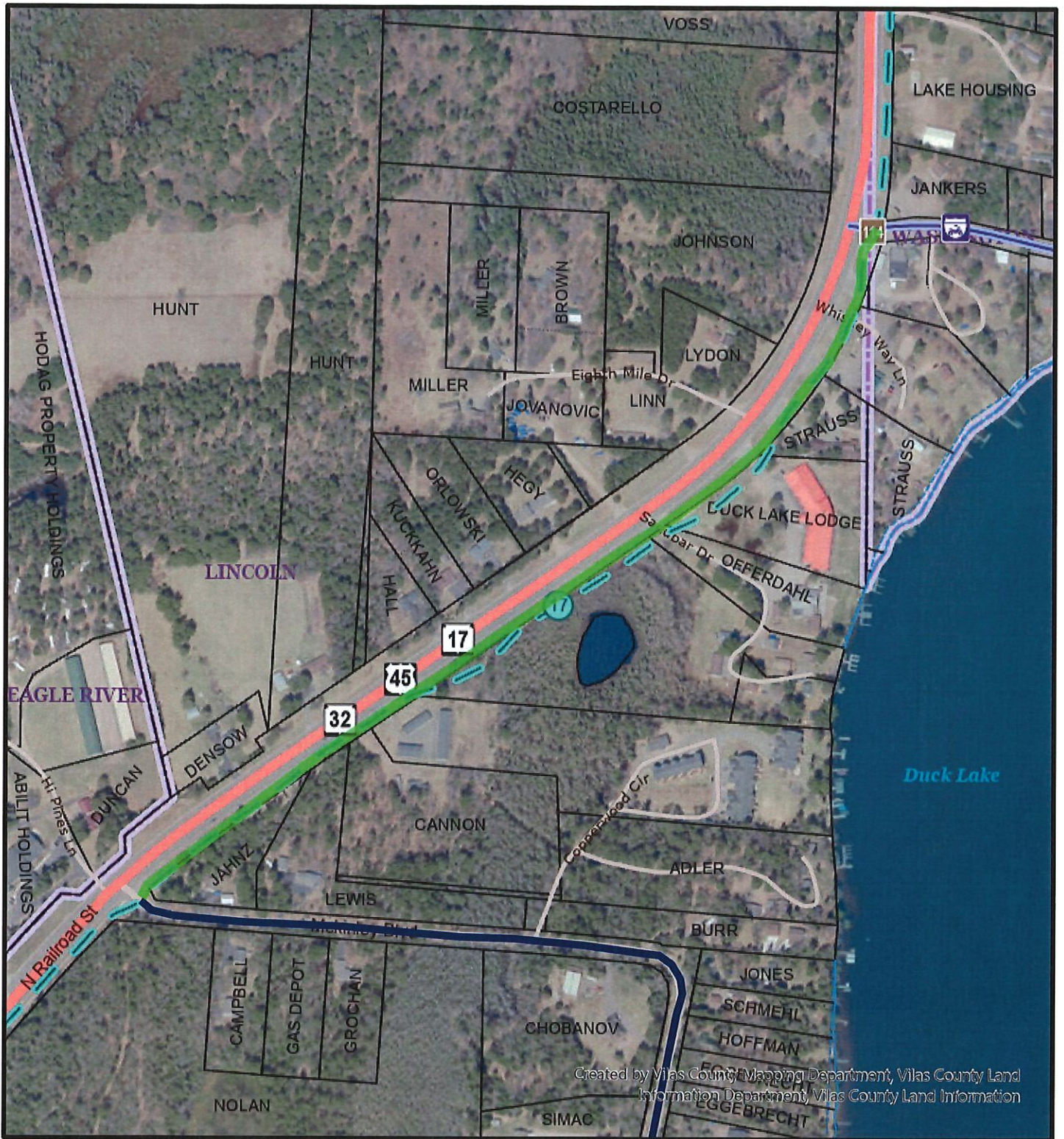
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 This map does not represent a survey.

- |  |                  |                |
|--|------------------|----------------|
| ATV/UTV (Level 8-10)                     | Trail            | County Highway |
| Trail Type 1, Trail Type 2, Surface Type | Highways         | Airport        |
| — Paved Route                            | Type             |                |
| — Unpaved Route                          | US/State Highway |                |

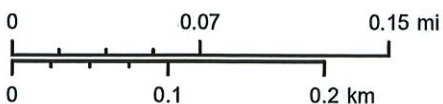
# Hiawatha Passage Aerial



Created by Vilas County Mapping Department, Vilas County Land Information Department, Vilas County Land Information

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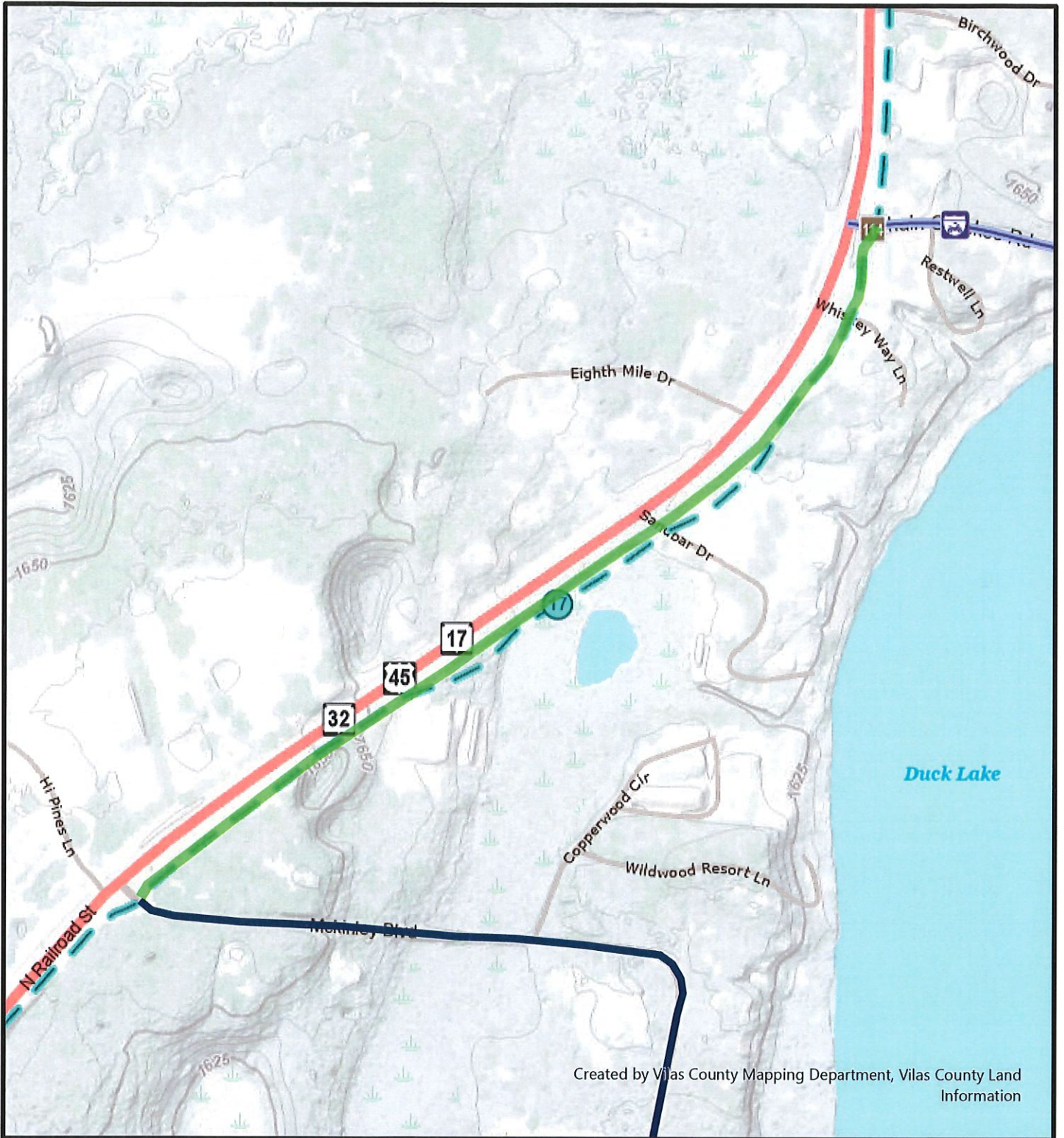
Scale: 1:4,800



Vilas County Online Mapping

- |   |   |  |
|---|---|--|
| <p><b>Snowmobile Trails (Level 4-5)</b></p> <p>Primary Type</p> <ul style="list-style-type: none"> <li><span style="color: green;">—</span> Corridor Snowmobile Trail</li> <li><span style="color: teal;">—</span> Funded Snowmobile Trail</li> <li><span style="color: lightblue;">—</span> Club Snowmobile Trail</li> </ul> <p><b>ATV/UTV (Level 4-5)</b></p> <p>Trail Type 1, Trail Type 2, Surface Type</p> <ul style="list-style-type: none"> <li><span style="color: blue;">—</span> Paved Route</li> </ul> | <p><b>Unpaved Route</b></p> <ul style="list-style-type: none"> <li><span style="color: blue;">- - -</span> Trail</li> </ul> <p><b>Paddling (Level 4-5)</b></p> <p>Trail Category</p> <ul style="list-style-type: none"> <li><span style="color: blue;">—</span> Paddling Route</li> <li><span style="color: lightblue;">—</span> Portage Trail</li> </ul> | <p><b>Bike/Ped (Level 4-5)</b></p> <p>Trail Category</p> <ul style="list-style-type: none"> <li><span style="color: red;">—</span> Land Route (On-Road)</li> <li><span style="color: orange;">—</span> Hard-Surface Trail</li> <li><span style="color: yellow;">—</span> Land Trail (Off-Road)</li> </ul> <p><b>Other Recreation Sites</b></p> <p>Type of Feature</p> <ul style="list-style-type: none"> <li><span style="color: blue;">●</span> Hazard</li> </ul> |
|---|---|--|

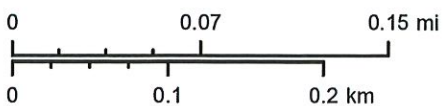
# Hiawatha Passage Topo



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Scale: 1:4,800

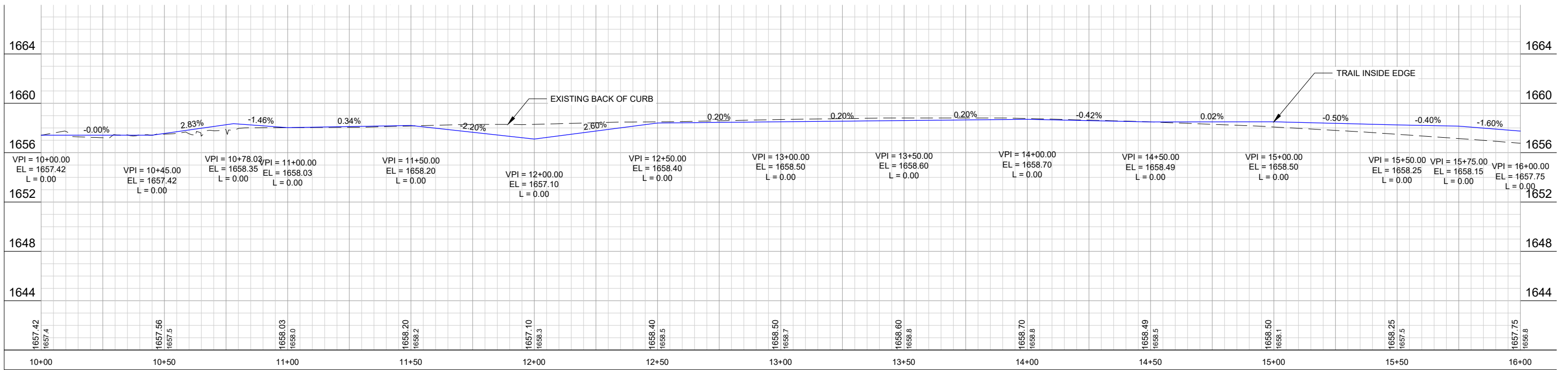
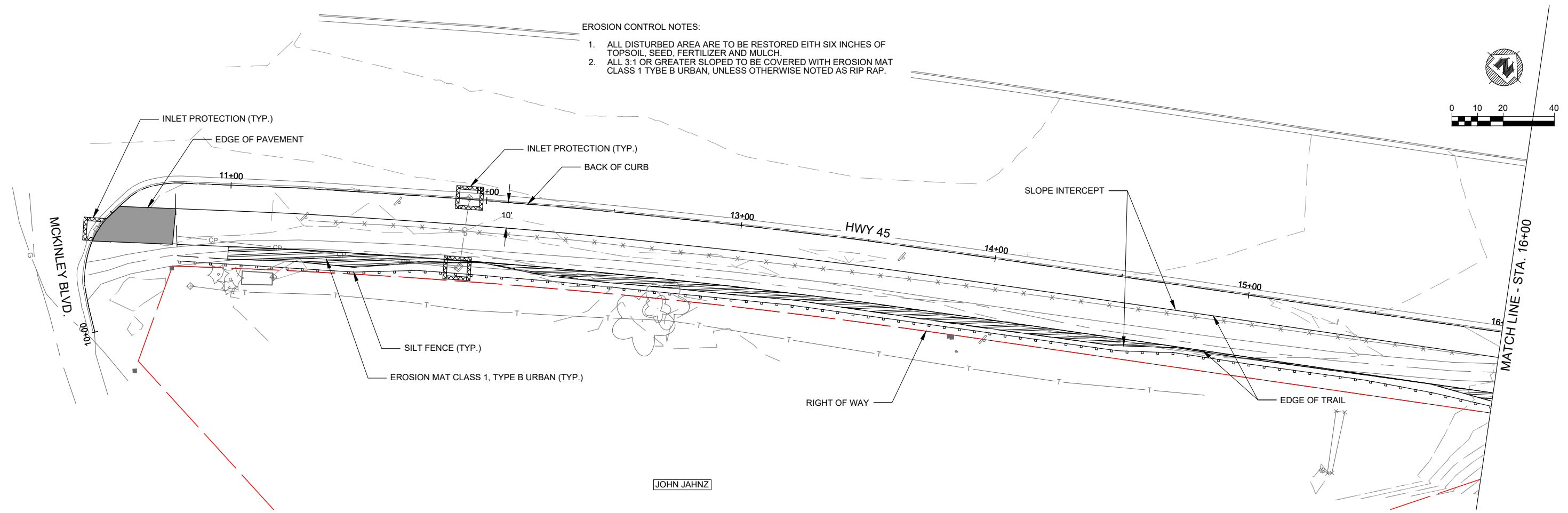


Vilas County Online Mapping

- |   |                             |                               |
|---|-----------------------------|-------------------------------|
| <b>Snowmobile Trails (Level 4-5)</b>            | <b>Unpaved Route</b>        | <b>Bike/Ped (Level 4-5)</b>   |
| <b>Primary Type</b>                             | <b>Trail</b>                | <b>Trail Category</b>         |
| Corridor Snowmobile Trail                       | OHM Trail                   | Land Route (On-Road)          |
| Funded Snowmobile Trail                         | <b>Paddling (Level 4-5)</b> | Hard-Surface Trail            |
| Club Snowmobile Trail                           | <b>Trail Category</b>       | Land Trail (Off-Road)         |
| <b>ATV/UTV (Level 4-5)</b>                      | Paddling Route              | <b>Other Recreation Sites</b> |
| <b>Trail Type 1, Trail Type 2, Surface Type</b> | Portage Trail               | <b>Type of Feature</b>        |
| Paved Route                                     |                             | Hazard                        |

EROSION CONTROL NOTES:

1. ALL DISTURBED AREA ARE TO BE RESTORED EITH SIX INCHES OF TOPSOIL, SEED, FERTILIZER AND MULCH.
2. ALL 3:1 OR GREATER SLOPED TO BE COVERED WITH EROSION MAT CLASS 1 TYPE B URBAN, UNLESS OTHERWISE NOTED AS RIP RAP.



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
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	DESIGNED BY: PJK	-	-	-	-
	CHECKED BY: SM	-	-	-	-

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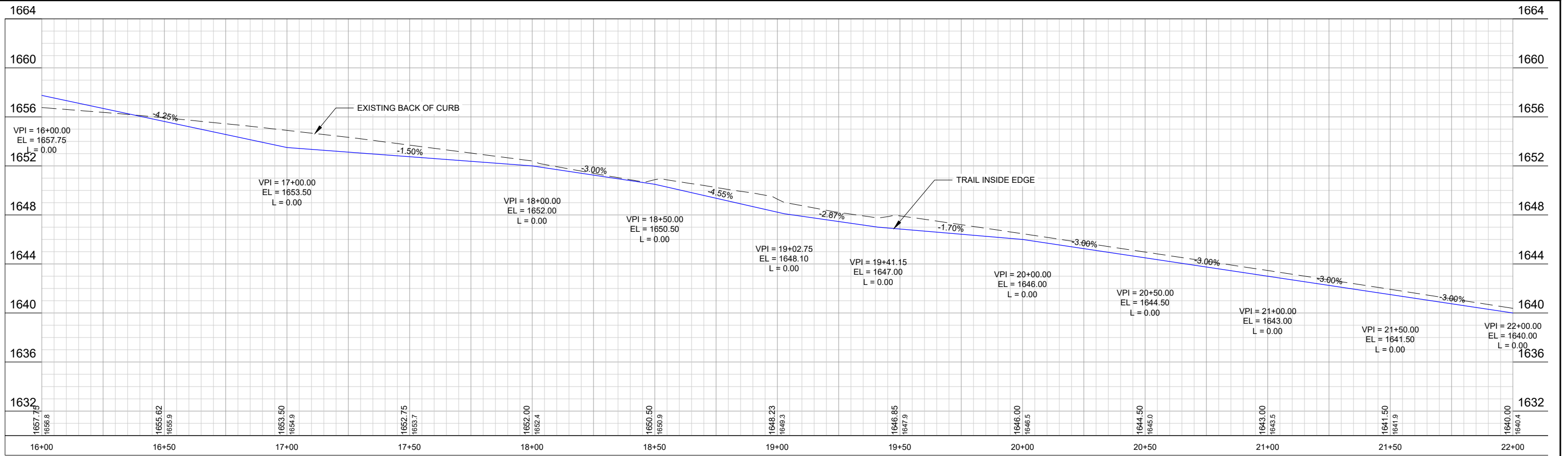
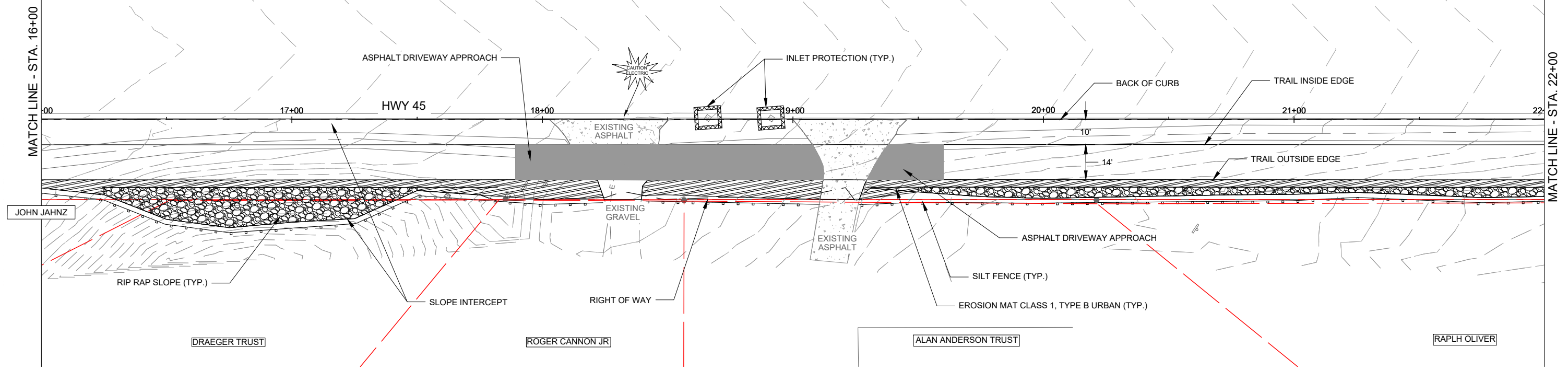
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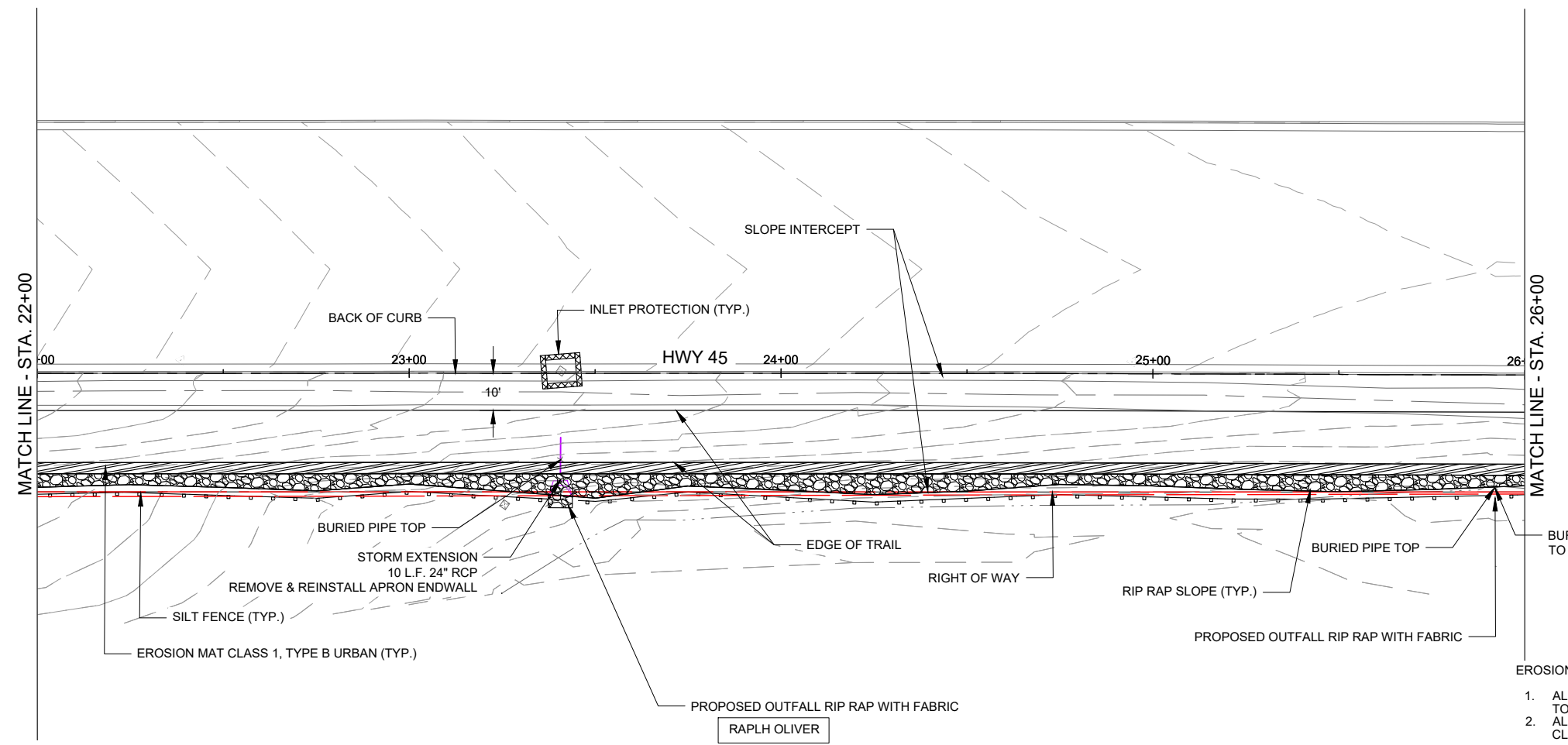
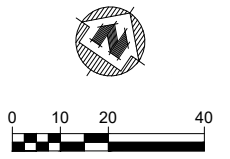
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	DESIGNED BY: PJK	-	-	-	-
	CHECKED BY: SM	-	-	-	-

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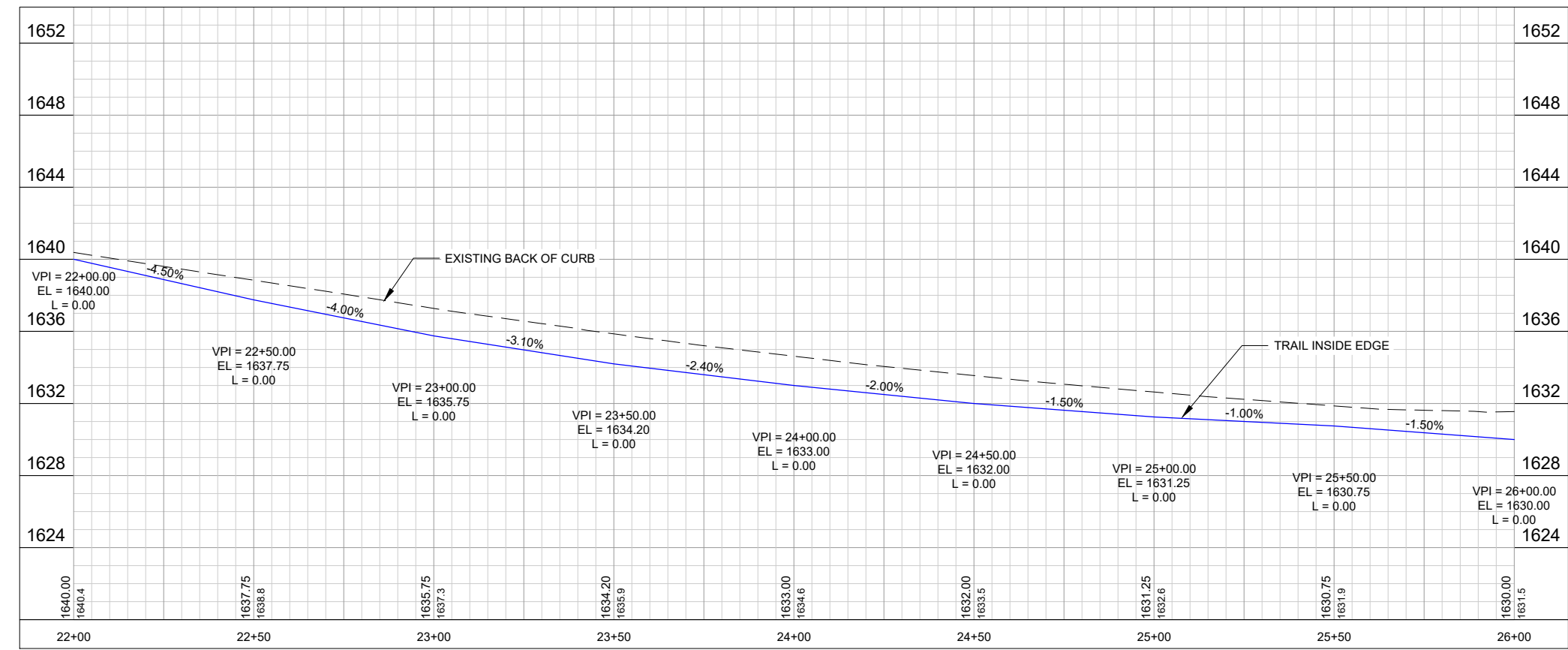
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	PJK				
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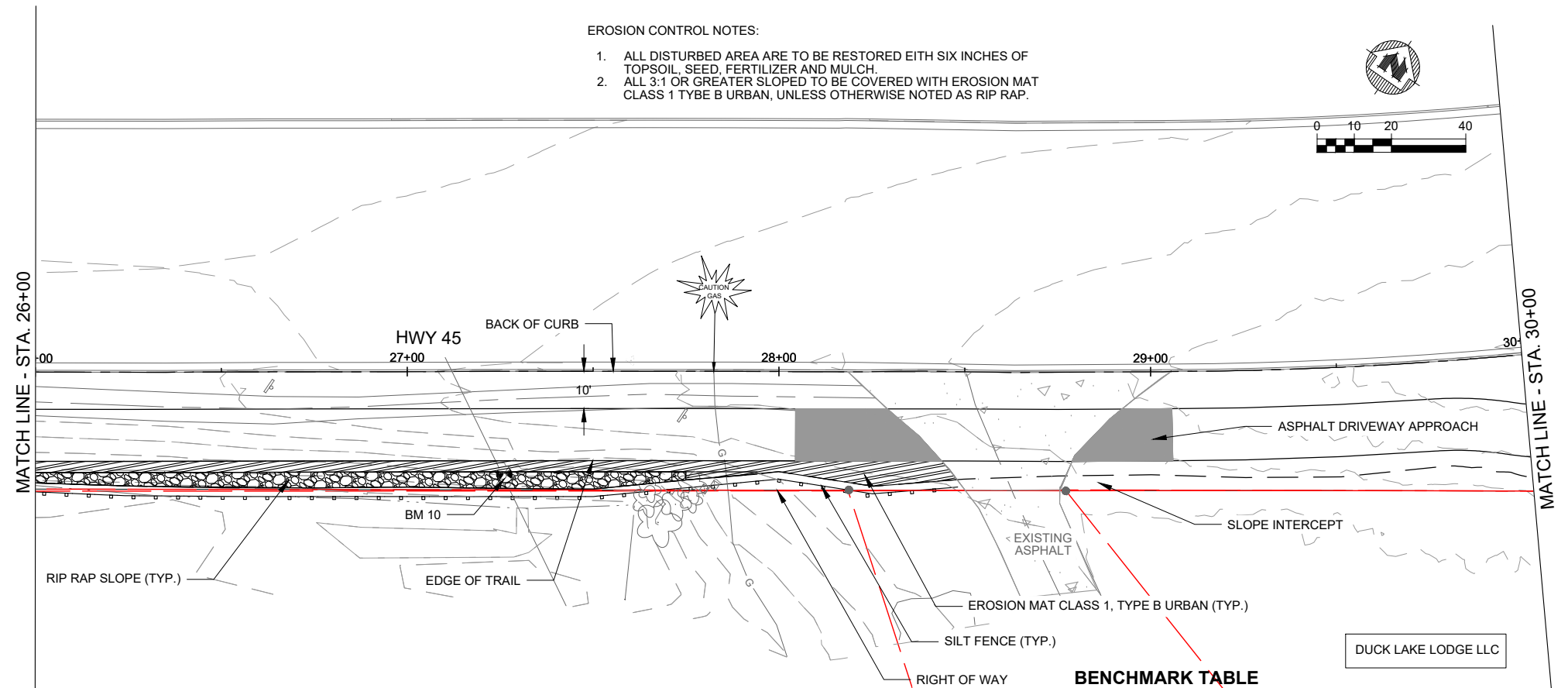
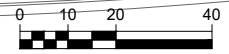
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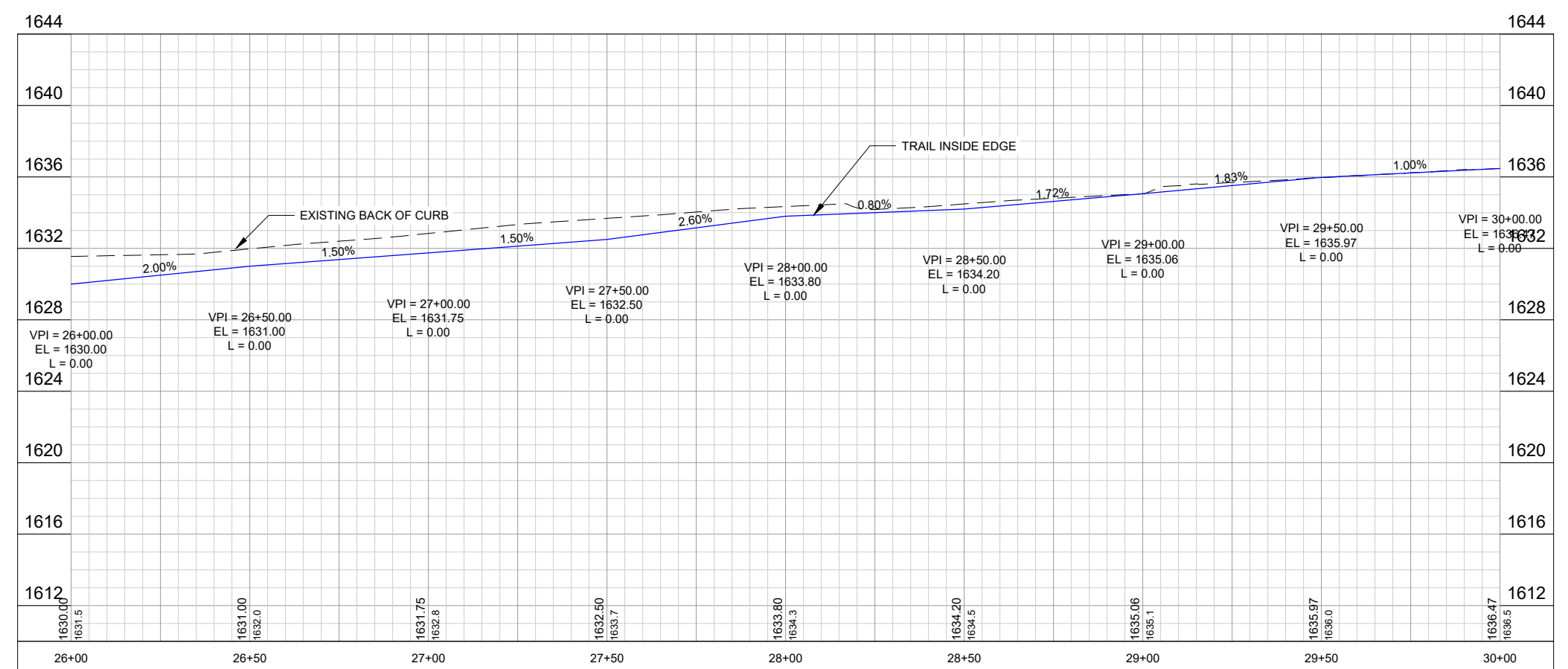


RAPLH OLIVER

LEIF OFFERDAHL

**BENCHMARK TABLE**

BM. NO.	STATION	DESCRIPTION	ELEV.
10	27+26.27.68' RT	SPIKE IN POWER POLE	1630.76



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
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	PJK				
	SM				

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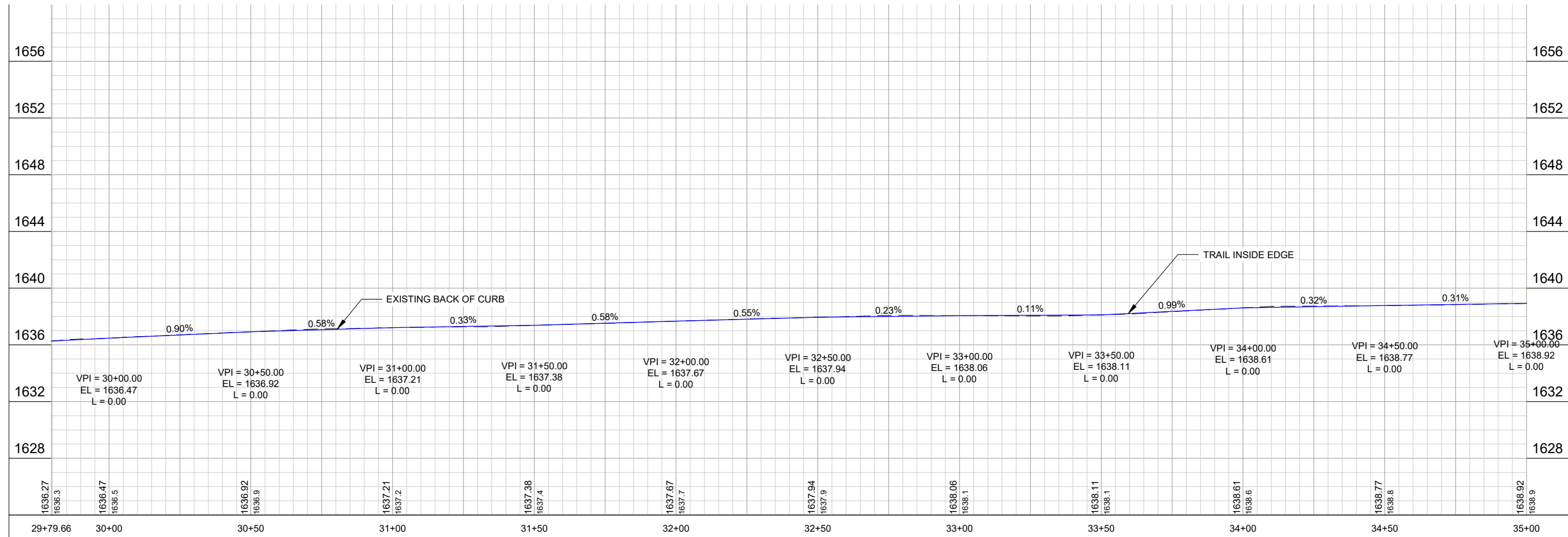
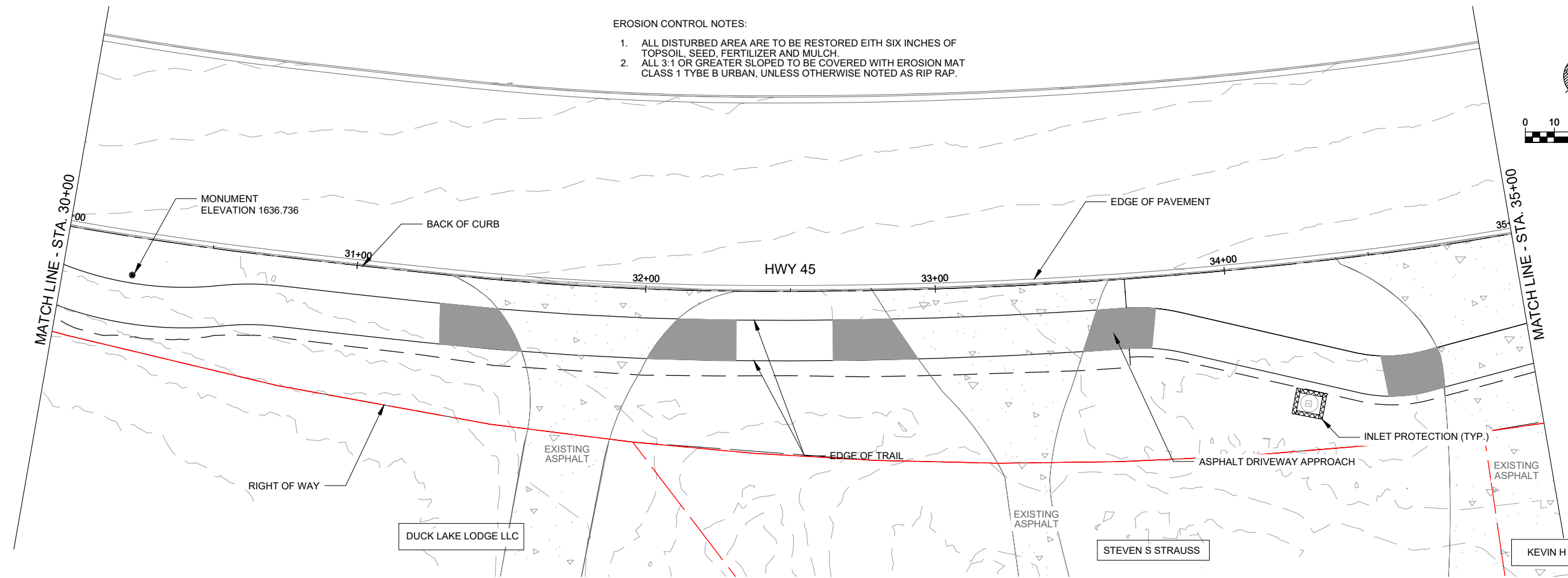
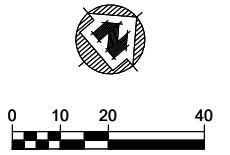
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  2. ALL 3:1 OR GREATER SLOPED TO BE COVERED WITH EROSION MAT CLASS 1 TYPE B URBAN, UNLESS OTHERWISE NOTED AS RIP RAP.



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
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	PJK				
	SM				



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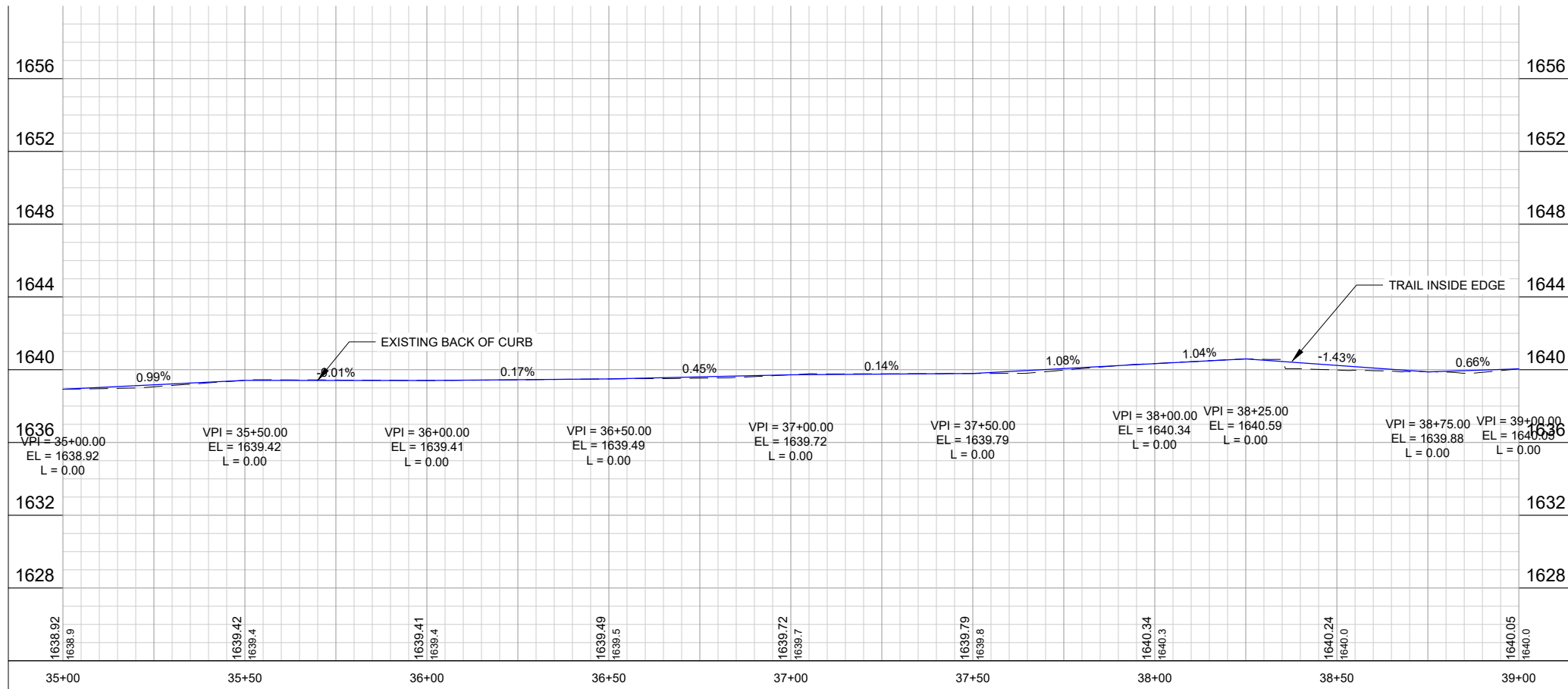
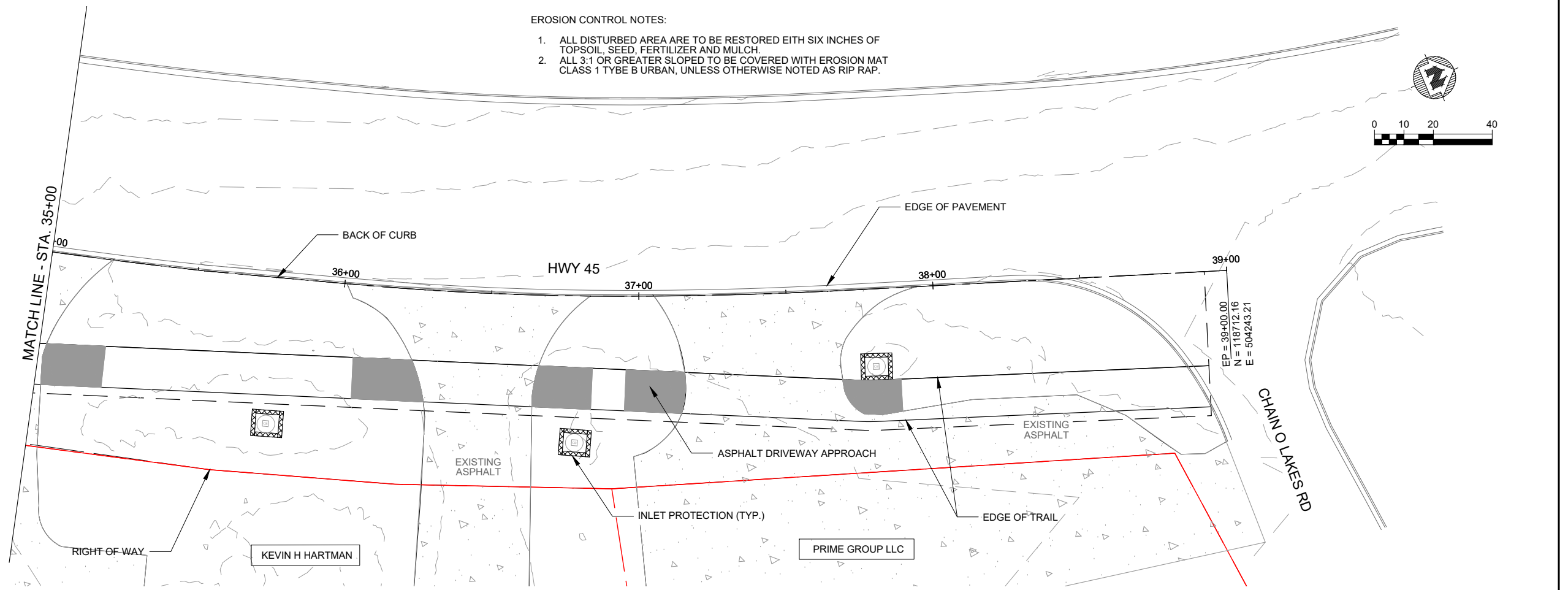
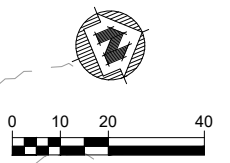
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PLOT DATE: 7/19/2022 2:57 PM, G:\11\11652\11652006\CADD\C3D\11652006 Hiawatha ATV Plan & Profile.dwg

EROSION CONTROL NOTES:

1. ALL DISTURBED AREA ARE TO BE RESTORED EITH SIX INCHES OF TOPSOIL, SEED, FERTILIZER AND MULCH.
2. ALL 3:1 OR GREATER SLOPED TO BE COVERED WITH EROSION MAT CLASS 1 TYBE B URBAN, UNLESS OTHERWISE NOTED AS RIP RAP.



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
	JMP				
	PJK				
	SM				

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HIAWATHA ATV TRIAL  
 VILAS COUNTY  
 VILAS COUNTY, WI

PLAN AND PROFILE SHEET

PROJECT NO.  
11652006  
 SHEET  
P6

PLOT DATE: 7/19/2022 2:57 PM, G:\11\11652\11652006\CADD\C3D\11652006 Hiawatha ATV Plan & Profile.dwg











## Todd Bierman

---

**From:** Handrick, Richard - DOT <Richard.Handrick@dot.wi.gov>  
**Sent:** Wednesday, July 27, 2022 7:58 AM  
**To:** Todd Bierman; Phil Kriesel  
**Cc:** Ratty, Mark - DOT; Handrick, Richard - DOT  
**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Todd – thanks for the quick response. All looks good – looking forward to continued coordination on this project.

**From:** Todd Bierman <tobier@vilascountywi.gov>  
**Sent:** Wednesday, July 27, 2022 7:36 AM  
**To:** Handrick, Richard - DOT <Richard.Handrick@dot.wi.gov>; Phil Kriesel <pkriesel@msa-ps.com>  
**Cc:** Ratty, Mark - DOT <Mark.Ratty@dot.wi.gov>  
**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

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Morning Rich,

I answer your questions below in blue. Just so that we are on the same page, this is just a preliminary approval request to see if this is viable. If it is, we will be going for funding in the next grant cycle that will be due April 15, 2023. Then the awarding of projects won't accrue until the end of August, 2023. So, we are about a year and half away until the project start would happen.

Thanks for working with us,  
Todd

*Todd Bierman*

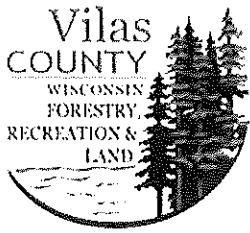
**Park and Recreation Supervisor**

**Vilas County Forestry, Recreation, and Land**

330 Court Street, Eagle River, WI 54521

☎ : (715) 479-5160 | 📠 : (715) 891-3317

✉ : [tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov) | <https://www.vilascountywi.gov/index.php?page=Forestry-Land-Dept>



**From:** Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>  
**Sent:** Tuesday, July 26, 2022 3:25 PM  
**To:** Phil Kriesel <[pkriesel@msa-ps.com](mailto:pkriesel@msa-ps.com)>; Todd Bierman <[tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)>  
**Cc:** Ratty, Mark - DOT <[Mark.Ratty@dot.wi.gov](mailto:Mark.Ratty@dot.wi.gov)>; Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>  
**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

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Thanks Phil – I think the revised plan is enough that we can circulate for internal review. A couple more comments:

- 1) We will need a complete, up to date trail application [**Todd Bierman**] This will be completed in late winter of 2023. Will send it to you when completed.
- 2) Signing plans will be needed I will get this completed in the near future and send you a copy.
- 3) In areas where the trail encroaches on private property, we will need evidence of landowner coordination and lease/approval I will get this to you from the club.

We may have additional comments from further review as well.

Thanks,

Rich Handrick, PE  
WisDOT Access Engineer  
715-365-5716  
[richard.handrick@dot.wi.gov](mailto:richard.handrick@dot.wi.gov)

**From:** Phil Kriesel <[pkriesel@msa-ps.com](mailto:pkriesel@msa-ps.com)>  
**Sent:** Tuesday, July 19, 2022 3:04 PM  
**To:** Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>; Todd Bierman ([tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)) <[tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)>  
**Cc:** Ratty, Mark - DOT <[Mark.Ratty@dot.wi.gov](mailto:Mark.Ratty@dot.wi.gov)>  
**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

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Rich,  
Attached are the plans extended to Chain O Lakes Road.

Please let me know what comments you have on the proposal.

Thanks

Phil

**From:** Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>

**Sent:** Thursday, July 7, 2022 10:05 AM

**To:** Phil Kriesel <[pkriesel@msa-ps.com](mailto:pkriesel@msa-ps.com)>; Todd Bierman ([tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)) <[tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)>

**Cc:** Ratty, Mark - DOT <[Mark.Ratty@dot.wi.gov](mailto:Mark.Ratty@dot.wi.gov)>

**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

Thanks Phil – let me know if you need anything additional from us at this point.

**From:** Phil Kriesel <[pkriesel@msa-ps.com](mailto:pkriesel@msa-ps.com)>

**Sent:** Thursday, July 07, 2022 8:06 AM

**To:** Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>; Todd Bierman ([tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)) <[tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)>

**Cc:** Ratty, Mark - DOT <[Mark.Ratty@dot.wi.gov](mailto:Mark.Ratty@dot.wi.gov)>

**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

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Rich,

We will work on getting the trail to Chain O Lakes Road over the next week.

Thanks

Phil

**From:** Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>

**Sent:** Wednesday, July 6, 2022 7:05 AM

**To:** Phil Kriesel <[pkriesel@msa-ps.com](mailto:pkriesel@msa-ps.com)>; Todd Bierman ([tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)) <[tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)>

**Cc:** Ratty, Mark - DOT <[Mark.Ratty@dot.wi.gov](mailto:Mark.Ratty@dot.wi.gov)>; Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>

**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

Phil,

Thank you for the submittal. One item that needs to be discussed prior to a full review of the trail segment is trail connectivity. It appears that the trail is planned to end at a private road to Hiawatha Condos on the north end of the trail. This is problematic because WisDOT policy does not allow for ATV trail permitting that serves private business with no route/trail interconnectivity. The logical end point of the trail is Chain O Lakes Road to the north. The other concern is that it appears that there is some illegal ATV use of the right of way today between Hiawatha and Chain O Lakes Road. Construction of an ATV trail without including this area in the trail planning will result in increased illegal use of the US 45 right of way, and associated maintenance and safety concerns. WisDOT will require additional consideration for trail extension to Chain O Lakes Road, or some other logical terminus, prior to being able to fully review a planset and approve a trail permit.

Let me know if you have any questions.

Thanks,

Rich Handrick, PE  
WisDOT Access Engineer  
715-365-5716  
[richard.handrick@dot.wi.gov](mailto:richard.handrick@dot.wi.gov)

**From:** Phil Kriesel <[pkriesel@msa-ps.com](mailto:pkriesel@msa-ps.com)>  
**Sent:** Thursday, June 30, 2022 11:28 AM  
**To:** Handrick, Richard - DOT <[Richard.Handrick@dot.wi.gov](mailto:Richard.Handrick@dot.wi.gov)>; Ratty, Mark - DOT <[Mark.Ratty@dot.wi.gov](mailto:Mark.Ratty@dot.wi.gov)>; Todd Bierman ([tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)) <[tobier@vilascountywi.gov](mailto:tobier@vilascountywi.gov)>  
**Subject:** 11652006 Hiawatha ATV Trail Preliminary Plans

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All,  
Attached are our preliminary plans for the ATV trail along USH 45 north of Eagle River.

The typical section we used has the following elements:

1. 10-foot setback from the back of curb.
2. A maximum slope of 6:1 in the 10-foot setback from the curb and gutter to the trail.
3. A 14-foot wide 6-inch thick gravel trail with a 2% cross slope normal and maximum cross slope of 4% to match the driveways.
4. A 3:1 slope on the right side for 3-feet. After the 3-feet we vary from 3:1 with vegetation to a 1.5:1 with riprap.

The 1.5:1 rippapped slope was used to reduce the impacts to adjacent property owners and to reduce or eliminate the need to fill wetlands.

Our wetland boundary is approximated by our surveyor and should this project move forward we would look to contract with Vilas County to perform a wetland delineation to better define the wetland boundary.

The slope intercepts do drift out of Right of Way on the Johnz, Draeger Trust, and Oliver properties. The County would need to approach these landowners about the work out of the right of way. Would the DOT require the County to acquire easements for the disturbance?

The existing storm sewers at 23+40 would need to be extended. Currently the storm sewer at 23+40 end wall is partially plugged with sod. The storm sewer at 25+92 is completely plugged with vegetation from the wetland and should be cleaned out. The inlet in the curb at 25+92 show signs of water overtopping the curb and running to the wetland.

If required a safety fence could be installed at the end of the 3:1 slope allowing a 3-foot clear area from the trail.

A DNR NOI would need to be applied for as the disturbance is greater than one acre.

Wetland fill permit may be required. Todd you may want to reach out to the DNR with the preliminary plans and get their feedback. We are very close from 25+50 to 26+25.

A preliminary probable cost estimate is included in this email.

Rich or Mark,

Do you see any part of this preliminary plan that you feel is unworkable for the DOT?

Todd,

Please let me know if you have any questions about the project as presented. I would be happy to discuss what we have presented here.

Thanks

Phil



Phil Kriesel | Team Leader

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## Todd Bierman

---

**From:** Seidl, Jared W - DNR <Jared.Seidl@wisconsin.gov>  
**Sent:** Wednesday, July 6, 2022 7:41 AM  
**To:** Todd Bierman  
**Subject:** RE: 11652006 Hiawatha ATV Trail Preliminary Plans

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Good Morning Todd,

Thanks for the information, maps and plans. I remember being on site with you last year and seeing the wetlands adjacent to the proposed trail area immediately off the roadway's slope. I agree with Phil's statement that must figure out where exactly that wetland boundary is (by a wetland delineation), and then if any fill material is to be placed within the wetland this will require DNR Wetland Disturbance – Recreational Development permitting. I would say the next step is to get a Wetland Delineation completed to flag this wetland boundary, overlay the project design to that delineation report, and calculate that amount of fill (in square feet). If no fill will be placed within the wetlands, then DNR Wetland Disturbance permitting will not be required. I know we discussed constructing an elevated boardwalk thru this area to avoid wetland disturbance, but this is very costly and that must be explained in the Practical Alternative Analysis submitted with the Wetland Disturbance permit, all options considered to avoid and reduce wetland impacts (ie: elevated boardwalk, trail routed elsewhere, etc..).

Thanks,

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### Jared Seidl

Water Management Specialist – Habitat & Outdoor Recreation Team  
Wisconsin Department of Natural Resources  
473 Griffith Ave., Wisconsin Rapids, WI 54494  
Phone: (920) 420-5960  
[jared.seidl@wisconsin.gov](mailto:jared.seidl@wisconsin.gov)



**From:** Todd Bierman <tobier@vilascountywi.gov>  
**Sent:** Wednesday, July 6, 2022 7:08 AM  
**To:** Seidl, Jared W - DNR <Jared.Seidl@wisconsin.gov>  
**Subject:** FW: 11652006 Hiawatha ATV Trail Preliminary Plans

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