



US Army Corps of Engineers ®

## Site Visit Summary

Name of System: Highland

Name of Segment: Highland

NLD System ID: 2605000005 NLD Segment ID: 2604000007

Segment Type: USACE Federally constructed, turned over to public sponsor for operations and maintenance

Levee Sponsor (Name and Organization): Little Calumet River Basin Development Commission

Field Trip Report Prepared by: Chris Schaal Date of Site Visit: 05/02/2024 - 05/02/2024

Field Trip Report Prepared by: Mike Cook

Field Trip Report Prepared by: Youa Yang

### Other Segments Within This System

Segment Name	NLD Segment ID#	Segment Type

### Site Visit - Team Members (Levee Sponsor, USACE, and others)

Name	Organization	Discipline	Phone Number
Yuki Galisanao	USACE - Chicago District	Geotech	
Chris Schaal	USACE - Chicago District	Geotech	
Mike Cook	USACE - Chicago District	Geotech	
Youa Yang	USACE - Chicago District	Geotech	
Alan Jaski	USACE - Chicago District	Electrical	
Kaityln Wesolowski	USACE - Chicago District	H&H	
Andrew Lin	USACE - Chicago District	Structural	

Art Rundzaitis	USACE - Chicago District	Construction	
Bill Plucinok	Highland Public Works		
Bob Ruzycki	Highland Public Works		
Steve Hood	Highland Public Works		
Dan Repay	LCRBDC		
Sylvia Pimentel	USACE - Chicago District	H&H	
Aaron Krestel	Highland Public Works		
Brett Teske	Highland Public Works		
Levee Safety Program Manager Signature: <i>Melai Gahanna</i>		Date: 5/28/2024	

**Summary of Site Visit:** *[Summarize pertinent discussions with sponsor regarding levee conditions, O&M activities, etc. and describe notable observations or changed conditions since the last site visit or inspection]*

The sponsor and community are performing O&M. On the levee and at the gates, there were minor issues with trees and tall vegetation; sod cover; debris; slope stability; bank erosion; rutting; asphalt cracking; animal burrows; seepage; spalling and cracking; misalignment of the wall, deteriorating sealant; vegetation, silt, or debris at the gates; concrete surfaces; gabion baskets; missing closure seal; fencing at gate wells; and squeaking and rust on gates.

At the pump stations, there were minor issues with missing safety labels; inoperable fans; corrosion on pump housings; bird nests in louvers; cracked or delaminated concrete; deteriorating sealant; an inoperable pump (being replaced); generators (being repaired or replaced); unlabeled breakers; and an out of service power quality meter.

**Observations and Photos**



**Inspect ID:** 2024-0110

**Rated Item:** 2. Emergency Supplies and Equipment (A or M only)

**Lat/Long:** 41.56837/-87.46041

**Caption:**

No User Rating (Site Visit) - Flood fighting supplies at the Public Works Facility at 8001 Kennedy Avenue. Highland Public Works has 14-16 pellets of sandbags, approximately 1000 pieces of sandbags.



**Inspect ID:** 2024-0114

**Rated Item:** 2. Emergency Supplies and Equipment (A or M only)

**Lat/Long:** 41.56799/-87.46046

**Caption:**

No User Rating (Site Visit) - Sand bagger located at the Highland Public Works facility at 8001 Kennedy Avenue.



**Inspect ID:** 2024-0002

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56784/-87.47590

**Caption:**

No User Rating (Site Visit) - HI-03: Unwanted vegetation around the gatewell



**Inspect ID:** 2024-0013

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56504/-87.48029

**Caption:**

No User Rating (Site Visit) - Tree on landside toe



**Inspect ID:** 2024-0017

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56507/-87.48031

**Caption:**

No User Rating (Site Visit) - Tree on landside toe



**Inspect ID:** 2024-0025

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56690/-87.47676

**Caption:**

No User Rating (Site Visit) - Vegetation in landside ditch. - improved since last year



**Inspect ID:** 2024-0028

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56250/-87.48052

**Caption:**

No User Rating (Site Visit) - Vegetation on riverside



**Inspect ID:** 2024-0029

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56738/-87.47589

**Caption:**

No User Rating (Site Visit) - Vegetation along landside toe



**Inspect ID:** 2024-0034

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56787/-87.47365

**Caption:**

No User Rating (Site Visit) - HI-05: High vegetation around gate well



**Inspect ID:** 2024-0045

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56784/-87.47383

**Caption:**

No User Rating (Site Visit) - Tree on landside toe





**Inspect ID:** 2024-0048

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56791/-87.47492

**Caption:**

No User Rating (Site Visit) - Vegetation on riverside toe



**Inspect ID:** 2024-0049

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56829/-87.47241

**Caption:**

No User Rating (Site Visit) - Tree on landside toe



**Inspect ID:** 2024-0052

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56785/-87.47590

**Caption:**

No User Rating (Site Visit) - Vegetation on riverside slope



**Inspect ID:** 2024-0062

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56983/-87.44460

**Caption:**

No User Rating (Site Visit) - HI-10: Vegetation around gate well



**Inspect ID:** 2024-0065

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56873/-87.47101

**Caption:**

No User Rating (Site Visit) - Riverside vegetation along toe



**Inspect ID:** 2024-0068

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56879/-87.47041

**Caption:**

No User Rating (Site Visit) - Vegetation on riverside toe



**Inspect ID:** 2024-0128

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56895/-87.45981

**Caption:**

No User Rating (Site Visit) - Typical riverside vegetation.



**Inspect ID:** 2024-0161

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56762/-87.44386

**Caption:**

No User Rating (Site Visit) - Vegetation along riverside toe



**Inspect ID:** 2024-0168

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56761/-87.45161

**Caption:**

No User Rating (Site Visit) - Trees on riverside toe



**Inspect ID:** 2024-0180

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56749/-87.44765

**Caption:**

No User Rating (Site Visit) - Vegetation on riverside toe



**Inspect ID:** 2024-0204

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56986/-87.44476

**Caption:**

No User Rating (Site Visit) - Vegetation at riverside levee toe.



**Inspect ID:** 2024-0225

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.55882/-87.43359

**Caption:**

No User Rating (Site Visit) - Typical vegetation near landside ditch



**Inspect ID:** 2024-0252

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56204/-87.44109

**Caption:**

No User Rating (Site Visit) - Trees on riverside toe



**Inspect ID:** 2024-0264

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.55906/-87.43426

**Caption:**

No User Rating (Site Visit) - Vegetation on landside toe.



**Inspect ID:** 2024-0268

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.55847/-87.43294

**Caption:**

No User Rating (Site Visit) - Vegetation at ditch on riverside.



**Inspect ID:** 2024-0080

**Rated Item:** 2. Sod Cover

**Lat/Long:** 41.56883/-87.47050

**Caption:**

No User Rating (Site Visit) - Poor sod cover on landside slope.





**Inspect ID:** 2024-0216

**Rated Item:** 2. Sod Cover

**Lat/Long:** 41.56934/-87.44392

**Caption:**

No User Rating (Site Visit) - Typical excellent sod cover on both landside and waterside.



**Inspect ID:** 2024-0009

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56175/-87.48076

**Caption:**

No User Rating (Site Visit) - Fence encroachment removed on landside.



**Inspect ID:** 2024-0021

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56662/-87.47999

**Caption:**

No User Rating (Site Visit) - Access ramp blocks landside ditch.



**Inspect ID:** 2024-0032

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56613/-87.48029

**Caption:**

No User Rating (Site Visit) - Downed tree on riverside toe



**Inspect ID:** 2024-0056

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56740/-87.47592

**Caption:**

No User Rating (Site Visit) - Tree on riverside toe area.



**Inspect ID:** 2024-0069

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56882/-87.47084

**Caption:**

No User Rating (Site Visit) - Downed tree on riverside toe



**Inspect ID:** 2024-0072

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56854/-87.47188

**Caption:**

No User Rating (Site Visit) - Logs on riverside toe



**Inspect ID:** 2024-0073

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56938/-87.46772

**Caption:**

No User Rating (Site Visit) - Downed tree on riverside toe



**Inspect ID:** 2024-0076

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56878/-87.47092

**Caption:**

No User Rating (Site Visit) - Lawn clipping encroachment on riverside slope



**Inspect ID:** 2024-0153

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56896/-87.44518

**Caption:**

No User Rating (Site Visit) - Minor debris on riverside toe



**Inspect ID:** 2024-0172

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56746/-87.44932

**Caption:**

No User Rating (Site Visit) - Logs and debris at riverside toe



**Inspect ID:** 2024-0184

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56851/-87.44812

**Caption:**

No User Rating (Site Visit) - Garbage can on landside toe



**Inspect ID:** 2024-0193

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56238/-87.44113

**Caption:**

No User Rating (Site Visit) - Debris on riverside toe



**Inspect ID:** 2024-0209

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.55987/-87.43707

**Caption:**

No User Rating (Site Visit) - Debris on riverside toe



**Inspect ID:** 2024-0220

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56731/-87.44372

**Caption:**

No User Rating (Site Visit) - ATV on riverside slope.



**Inspect ID:** 2024-0224

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56661/-87.44300

**Caption:**

No User Rating (Site Visit) - Debris on crown and riverside slope





**Inspect ID:** 2024-0248

**Rated Item:** 3. Encroachments

**Lat/Long:** 41.56315/-87.44143

**Caption:**

No User Rating (Site Visit) - Debris at landside levee toe.



**Inspect ID:** 2024-0036

**Rated Item:** 6. Erosion/ Bank Caving

**Lat/Long:** 41.56695/-87.47811

**Caption:**

No User Rating (Site Visit) - Erosion at riverside toe.



**Inspect ID:** 2024-0040

**Rated Item:** 6. Erosion/ Bank Caving

**Lat/Long:** 41.56727/-87.47696

**Caption:**

No User Rating (Site Visit) - Erosion at riverside toe.



**Inspect ID:** 2024-0133

**Rated Item:** 6. Erosion/ Bank Caving

**Lat/Long:** 41.56856/-87.44810

**Caption:**

No User Rating (Site Visit) - Erosion on riverside toe



**Inspect ID:** 2024-0205

**Rated Item:** 6. Erosion/ Bank Caving

**Lat/Long:** 41.55986/-87.43764

**Caption:**

No User Rating (Site Visit) - Erosion near wingwall on riverside slope.



**Inspect ID:** 2024-0064

**Rated Item:** 7. Settlement

**Lat/Long:** 41.56793/-87.47395

**Caption:**

No User Rating (Site Visit) - Depression dips on the crown of the levee.



**Inspect ID:** 2024-0244  
**Rated Item:** 7. Settlement  
**Lat/Long:** 41.56401/-87.44224  
**Caption:**

No User Rating (Site Visit) - Depression in crown of levee around the bend.



**Inspect ID:** 2024-0169  
**Rated Item:** 8. Depressions/ Rutting  
**Lat/Long:** 41.56560/-87.44224  
**Caption:**

No User Rating (Site Visit) - Riverside rutting with ponding on riverside toe.



**Inspect ID:** 2024-0177

**Rated Item:** 8. Depressions/ Rutting

**Lat/Long:** 41.56428/-87.44215

**Caption:**

No User Rating (Site Visit) - Erosion and rutting on riverside slope



**Inspect ID:** 2024-0181

**Rated Item:** 8. Depressions/ Rutting

**Lat/Long:** 41.56391/-87.44216

**Caption:**

No User Rating (Site Visit) - Pothole in asphalt on landside crest.



**Inspect ID:** 2024-0189

**Rated Item:** 8. Depressions/ Rutting

**Lat/Long:** 41.56276/-87.44118

**Caption:**

No User Rating (Site Visit) - Old riverside slope rutting



**Inspect ID:** 2024-0197

**Rated Item:** 8. Depressions/ Rutting

**Lat/Long:** 41.56066/-87.44112

**Caption:**

No User Rating (Site Visit) - Old rutting and poor sod cover on riverside slope.



**Inspect ID:** 2024-0201

**Rated Item:** 8. Depressions/ Rutting

**Lat/Long:** 41.56021/-87.44113

**Caption:**

No User Rating (Site Visit) - Rutting in riverside slope



**Inspect ID:** 2024-0109

**Rated Item:** 9. Cracking

**Lat/Long:** 41.56898/-87.46025

**Caption:**

No User Rating (Site Visit) - Cracking on asphalt on crown



**Inspect ID:** 2024-0185

**Rated Item:** 10. Animal Control

**Lat/Long:** 41.56289/-87.44131

**Caption:**

No User Rating (Site Visit) - Collapsed animal burrow on riverside toe.



**Inspect ID:** 2024-0236

**Rated Item:** 10. Animal Control

**Lat/Long:** 41.56582/-87.44217

**Caption:**

No User Rating (Site Visit) - Animal burrows/depressions on landside toe.





**Inspect ID:** 2024-0129

**Rated Item:** 12. Riprap Revetments & Bank Protection

**Lat/Long:** 41.56765/-87.45162

**Caption:**

No User Rating (Site Visit) - Riprap was sprayed with herbicide in mid-April. Typical result of spraying.



**Inspect ID:** 2024-0060

**Rated Item:** 15. Seepage

**Lat/Long:** 41.56286/-87.48046

**Caption:**

No User Rating (Site Visit) - Prior area of pinhole seeps



**Inspect ID:** 2024-0001

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56023/-87.48073

**Caption:**

No User Rating (Site Visit) - Tall vegetation along landside wall.



**Inspect ID:** 2024-0004

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56008/-87.48076

**Caption:**

No User Rating (Site Visit) - Typical vegetation on riverside of floodwall.



**Inspect ID:** 2024-0081

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56896/-87.46697

**Caption:**

No User Rating (Site Visit) - Tree on landside of floodwall



**Inspect ID:** 2024-0089

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56907/-87.46633

**Caption:**

No User Rating (Site Visit) - Vegetation on landside of floodwall



**Inspect ID:** 2024-0108

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56913/-87.46663

**Caption:**

No User Rating (Site Visit) - Typical vegetation on riverside of floodwall.



**Inspect ID:** 2024-0113

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56986/-87.45628

**Caption:**

No User Rating (Site Visit) - Trees on riverside



**Inspect ID:** 2024-0132

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56951/-87.45748

**Caption:**

No User Rating (Site Visit) - Tree trunks cut but still growing on landside.



**Inspect ID:** 2024-0145

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56976/-87.44809

**Caption:**

No User Rating (Site Visit) - Tall vegetation on riverside line from here to the east.



**Inspect ID:** 2024-0148

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56947/-87.45625

**Caption:**

No User Rating (Site Visit) - HI-08: Trees around gate headwall.



**Inspect ID:** 2024-0156

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56907/-87.45592

**Caption:**

No User Rating (Site Visit) - Vegetation and debris typical



**Inspect ID:** 2024-0165

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56593/-87.44233

**Caption:**

No User Rating (Site Visit) - Vegetation along the weir at the rookery



**Inspect ID:** 2024-0192

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.56740/-87.44788

**Caption:**

No User Rating (Site Visit) - Small trees on the riverside



**Inspect ID:** 2024-0256

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.55825/-87.43420

**Caption:**

No User Rating (Site Visit) - Small tree on riverside.



**Inspect ID:** 2024-0260

**Rated Item:** 1. Unwanted Vegetation Growth

**Lat/Long:** 41.55917/-87.43428

**Caption:**

No User Rating (Site Visit) - Small tree landside





**Inspect ID:** 2024-0077

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56918/-87.46715

**Caption:**

No User Rating (Site Visit) - Debris on landside of the floodwall.



**Inspect ID:** 2024-0096

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56920/-87.46695

**Caption:**

No User Rating (Site Visit) - Graffiti on riverside of railroad closure gate and floodwall.



**Inspect ID:** 2024-0097

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56906/-87.46465

**Caption:**

No User Rating (Site Visit) - Stairs in berm on landside by the floodwall



**Inspect ID:** 2024-0101

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56898/-87.46418

**Caption:**

No User Rating (Site Visit) - Stairs on landside berm by the floodwall



**Inspect ID:** 2024-0116

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56914/-87.46624

**Caption:**

No User Rating (Site Visit) - Sign encroachment on riverside of floodwall.



**Inspect ID:** 2024-0120

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56908/-87.46520

**Caption:**

No User Rating (Site Visit) - Firepit debris on riverside of the floodwall.



**Inspect ID:** 2024-0121

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56872/-87.45540

**Caption:**

No User Rating (Site Visit) - Debris on the riverside



**Inspect ID:** 2024-0124

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56907/-87.46188

**Caption:**

No User Rating (Site Visit) - Sign on the landside of the floodwall.



**Inspect ID:** 2024-0136

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56983/-87.45662

**Caption:**

No User Rating (Site Visit) - Leaf pile on landside.



**Inspect ID:** 2024-0140

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56985/-87.45634

**Caption:**

No User Rating (Site Visit) - Graffiti on the floodwall on landside.



**Inspect ID:** 2024-0160

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56826/-87.45275

**Caption:**

No User Rating (Site Visit) - Pile of leaves on landside.



**Inspect ID:** 2024-0164

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56822/-87.45251

**Caption:**

No User Rating (Site Visit) - Pile of leaves on landside.



**Inspect ID:** 2024-0196

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56977/-87.44761

**Caption:**

No User Rating (Site Visit) - Debris pile on landside of floodwall.



**Inspect ID:** 2024-0228

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56651/-87.44149

**Caption:**

No User Rating (Site Visit) - Graffiti on sheet piling by weir on the landside face.



**Inspect ID:** 2024-0085

**Rated Item:** 3. Closure Structures (Stop Log Closures and Gates) (A or U only)

**Lat/Long:** 41.56909/-87.46655

**Caption:**

No User Rating (Site Visit) - Missing seal on railroad closure.



**Inspect ID:** 2024-0100

**Rated Item:** 3. Closure Structures (Stop Log Closures and Gates) (A or U only)

**Lat/Long:** 41.56913/-87.46687

**Caption:**

No User Rating (Site Visit) - Animal burrow at riverside base of floodwall under closure gate.





**Inspect ID:** 2024-0104

**Rated Item:** 3. Closure Structures (Stop Log Closures and Gates) (A or U only)

**Lat/Long:** 41.56913/-87.46672

**Caption:**

No User Rating (Site Visit) - Crack in concrete and asphalt at closure structure on the top of the floodwall.



**Inspect ID:** 2024-0105

**Rated Item:** 3. Closure Structures (Stop Log Closures and Gates) (A or U only)

**Lat/Long:** 41.56915/-87.46147

**Caption:**

No User Rating (Site Visit) - Spalling on eastern closure structure



**Inspect ID:** 2024-0229

**Rated Item:** 3. Closure Structures (Stop Log Closures and Gates) (A or U only)

**Lat/Long:** 41.55788/-87.43272

**Caption:**

No User Rating (Site Visit) - No issues observed with wall along Cline Avenue.



**Inspect ID:** 2024-0229

**Rated Item:** 3. Closure Structures (Stop Log Closures and Gates) (A or U only)

**Lat/Long:** 41.55788/-87.43272

**Caption:**

No User Rating (Site Visit) - No issues observed with median wall sandbag abutment



**Inspect ID:** 2024-0016

**Rated Item:** 4. Concrete Surfaces

**Lat/Long:** 41.56041/-87.48085

**Caption:**

No User Rating (Site Visit) - Typical joint deterioration on floodwall on riverside.



**Inspect ID:** 2024-0020

**Rated Item:** 4. Concrete Surfaces

**Lat/Long:** 41.56121/-87.48082

**Caption:**

No User Rating (Site Visit) - Small crack in riverside of floodwall.



**Inspect ID:** 2024-0141

**Rated Item:** 4. Concrete Surfaces

**Lat/Long:** 41.56944/-87.44810

**Caption:**

No User Rating (Site Visit) - Spalling concrete on landside



**Inspect ID:** 2024-0200

**Rated Item:** 4. Concrete Surfaces

**Lat/Long:** 41.56973/-87.44714

**Caption:**

No User Rating (Site Visit) - Crack on landside of floodwall.



**Inspect ID:** 2024-0217

**Rated Item:** 4. Concrete Surfaces

**Lat/Long:** 41.55934/-87.43436

**Caption:**

No User Rating (Site Visit) - Crack over top of floodwall



**Inspect ID:** 2024-0233

**Rated Item:** 4. Concrete Surfaces

**Lat/Long:** 41.55780/-87.43270

**Caption:**

No User Rating (Site Visit) - Spalling on concrete wall



**Inspect ID:** 2024-0137

**Rated Item:** 5. Tilting, Sliding or Settlement of Concrete Structures

**Lat/Long:** 41.56925/-87.44815

**Caption:**

No User Rating (Site Visit) - Misalignment of I wall



**Inspect ID:** 2024-0112

**Rated Item:** 6. Foundation of Concrete Structures

**Lat/Long:** 41.56913/-87.46638

**Caption:**

No User Rating (Site Visit) - 1 ft deep hole at riverside of floodwall.



**Inspect ID:** 2024-0093

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.56907/-87.46504

**Caption:**

No User Rating (Site Visit) - Cracks in sealant, typical observations on landside.



**Inspect ID:** 2024-0125

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.56865/-87.45525

**Caption:**

No User Rating (Site Visit) - Typical silt infill in joints on the landside.



**Inspect ID:** 2024-0149

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.56971/-87.44710

**Caption:**

No User Rating (Site Visit) - Sealant cracking on landside of floodwall.



**Inspect ID:** 2024-0188

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.56742/-87.44755

**Caption:**

No User Rating (Site Visit) - Sealant cracking in joints.





**Inspect ID:** 2024-0213

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.55950/-87.43432

**Caption:**

No User Rating (Site Visit) - Sealant and backer rod completely missing on the landside.



**Inspect ID:** 2024-0221

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.55929/-87.43436

**Caption:**

No User Rating (Site Visit) - Sealant missing and water stop shifting from original location on the landside.



**Inspect ID:** 2024-0232

**Rated Item:** 7. Monolith Joints

**Lat/Long:** 41.56655/-87.44146

**Caption:**

No User Rating (Site Visit) - At weir on landside, potential seepage at joint interlock.



**Inspect ID:** 2024-0008

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56016/-87.48078

**Caption:**

No User Rating (Site Visit) - HI-01: Silting and vegetation around headwall.



**Inspect ID:** 2024-0037

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56147/-87.48089

**Caption:**

No User Rating (Site Visit) -HI-02: Silt covering flap gate



**Inspect ID:** 2024-0041

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56145/-87.48080

**Caption:**

No User Rating (Site Visit) - HI-02: Tree on wingwall on outlet structure.



**Inspect ID:** 2024-0057

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56860/-87.47191

**Caption:**

No User Rating (Site Visit) -HI-06: Debris at outlet structure



**Inspect ID:** 2024-0058

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56973/-87.44449

**Caption:**

No User Rating (Site Visit) - HI-10: Vegetation around inlet structure



**Inspect ID:** 2024-0058

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56973/-87.44449

**Caption:**

No User Rating (Site Visit) - HI-10: Vegetation around inlet structure



**Inspect ID:** 2024-0078

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.55973/-87.43765

**Caption:**

No User Rating (Site Visit) - HI-11 a-d: Vegetation around inlet structure



**Inspect ID:** 2024-0173

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56521/-87.44218

**Caption:**

No User Rating (Site Visit) - Riverside culvert for rookery road clogged with vegetation



**Inspect ID:** 2024-0212

**Rated Item:** 1. Vegetation and Obstructions

**Lat/Long:** 41.56967/-87.44404

**Caption:**

No User Rating (Site Visit) - Vegetation in landside ditch.



**Inspect ID:** 2024-0022

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56765/-87.47573

**Caption:**

No User Rating (Site Visit) - HI-03: Wood debris at inlet structure



**Inspect ID:** 2024-0038

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56774/-87.47359

**Caption:**

No User Rating (Site Visit) - HI-05: Vegetation around the inlet structure



**Inspect ID:** 2024-0157

**Rated Item:** 2. Encroachments

**Lat/Long:** 41.56813/-87.44383

**Caption:**

No User Rating (Site Visit) - Debris in landside ditch



**Inspect ID:** 2024-0144

**Rated Item:** 5. Concrete Surfaces (Such as gatewells, outfalls, intakes, or culverts)

**Lat/Long:** 41.56955/-87.45628

**Caption:**

No User Rating (Site Visit) - HI-08: Hole showing missing concrete piece.





**Inspect ID:** 2024-0240

**Rated Item:** 5. Concrete Surfaces (Such as gatewells, outfalls, intakes, or culverts)

**Lat/Long:** 41.56524/-87.44231

**Caption:**

No User Rating (Site Visit) - Crack in asphalt above pipe and settlement at outlet.



**Inspect ID:** 2024-0042

**Rated Item:** 7. Foundation of Concrete Structures (Such as culverts, inlet and discharge structures, or gatewells.)

**Lat/Long:** 41.56966/-87.45627

**Caption:**

No User Rating (Site Visit) - HI-07: Scouring around gate well structure



**Inspect ID:** 2024-0044

**Rated Item:** 7. Foundation of Concrete Structures (Such as culverts, inlet and discharge structures, or gatewells.)

**Lat/Long:** 41.56790/-87.47475

**Caption:**

No User Rating (Site Visit) - INDOT: gabion baskets damaged on West side of outlet structure



**Inspect ID:** 2024-0053

**Rated Item:** 7. Foundation of Concrete Structures (Such as culverts, inlet and discharge structures, or gatewells.)

**Lat/Long:** 41.56856/-87.47186

**Caption:**

No User Rating (Site Visit) - Erosion around outlet structure



**Inspect ID:** 2024-0066

**Rated Item:** 7. Foundation of Concrete Structures (Such as culverts, inlet and discharge structures, or gatewells.)

**Lat/Long:** 41.56989/-87.44451

**Caption:**

No User Rating (Site Visit) - HI-10: Scouring around wingwall and debris at outlet



**Inspect ID:** 2024-0082

**Rated Item:** 7. Foundation of Concrete Structures (Such as culverts, inlet and discharge structures, or gatewells.)

**Lat/Long:** 41.55986/-87.43761

**Caption:**

No User Rating (Site Visit) - HI-11: Erosion around the gate well structure



**Inspect ID:** 2024-0010

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.56786/-87.47591

**Caption:**

No User Rating (Site Visit) - HI-03: Damaged fence rail on east side of gate well structure



**Inspect ID:** 2024-0014

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.56784/-87.47593

**Caption:**

No User Rating (Site Visit) - HI-03: Gate fully closed, no issues



**Inspect ID:** 2024-0026

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.56787/-87.47364

**Caption:**

No User Rating (Site Visit) - HI-05: Fully closed, no issues



**Inspect ID:** 2024-0046

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.56960/-87.45627

**Caption:**

No User Rating (Site Visit) - HI-07: Fully closed, noisy when closing with minor rust on the gate



**Inspect ID:** 2024-0054

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.56985/-87.44454

**Caption:**

No User Rating (Site Visit) - HI-10: Gate fully closed, no issues



**Inspect ID:** 2024-0070

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.55987/-87.43769

**Caption:**

No User Rating (Site Visit) - HI-11a: (Left) fully closed, some noise when closing



**Inspect ID:** 2024-0086

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.55989/-87.43764

**Caption:**

No User Rating (Site Visit) - HI-11b: (Right) fully closed, no issues.



**Inspect ID:** 2024-0090

**Rated Item:** 10. Sluice / Slide Gates

**Lat/Long:** 41.55986/-87.43769

**Caption:**

No User Rating (Site Visit) - HI-11c: (Left) gate fully closed with no issues.



**Inspect ID:** 2024-0094  
**Rated Item:** 10. Sluice / Slide Gates  
**Lat/Long:** 41.55988/-87.43774  
**Caption:**

No User Rating (Site Visit) - HI-11d: (Right) gate fully closed with no issues.



**Inspect ID:** 2024-0106  
**Rated Item:** 10. Sluice / Slide Gates  
**Lat/Long:** 41.55782/-87.43272  
**Caption:**

No User Rating (Site Visit) - HI-12: Gate fully closed, no issues





**Inspect ID:** 2024-0006

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.56790/-87.47594

**Caption:**

No User Rating (Site Visit) - HI-03: Water level high thus flap is mostly in the water, looks to be in closed position



**Inspect ID:** 2024-0012

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.56016/-87.48082

**Caption:**

No User Rating (Site Visit) - HI-1: Flap gate deformed.



**Inspect ID:** 2024-0024

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.56122/-87.48082

**Caption:**

No User Rating (Site Visit) - HI-02: Flap gate.



**Inspect ID:** 2024-0030

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.56792/-87.47351

**Caption:**

No User Rating (Site Visit) - HI-05: High water level cover gate flap, looks to be closed



**Inspect ID:** 2024-0061

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.56859/-87.47190

**Caption:**

No User Rating (Site Visit) - HI-06: Flap gate slightly ajar.



**Inspect ID:** 2024-0074

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.55992/-87.43764

**Caption:**

No User Rating (Site Visit) - HI-11a-d: Debris around the gates



**Inspect ID:** 2024-0098

**Rated Item:** 11. Flap Gates/ Flap Valves/ Pinch Valves

**Lat/Long:** 41.55788/-87.43273

**Caption:**

No User Rating (Site Visit) - HI-12: Inlet gate silted in



**Inspect ID:** 2024-0005

**Rated Item:** 12. Trash Racks (non-mechanical)

**Lat/Long:** 41.56107/-87.48079

**Caption:**

No User Rating (Site Visit) - HI-02: Inlet clogged with debris



**Inspect ID:** 2024-0102

**Rated Item:** 12. Trash Racks (non-mechanical)

**Lat/Long:** 41.55777/-87.43274

**Caption:**

No User Rating (Site Visit) - HI-12: Trash rack in good condition



**Inspect ID:** 2024-0117

**Rated Item:** 12. Trash Racks (non-mechanical)

**Lat/Long:** 41.56947/-87.45616

**Caption:**

No User Rating (Site Visit) - HI-08: Outfall gate is bent and damaged.



**Inspect ID:** 2024-0033

**Rated Item:** 15. Revetments other than Riprap

**Lat/Long:** 41.56794/-87.47461

**Caption:**

No User Rating (Site Visit) - Gabion wall broken on riverside outlet structure of INDOT gate.



**Inspect ID:** 2024-0003

**Rated Item:** 2. Pump Station Operations and Maintenance Equipment Manuals

**Lat/Long:** 41.56844/-87.47171

**Caption:**

No User Rating (Site Visit) - PS-81: Manuals onsite



**Inspect ID:** 2024-0059

**Rated Item:** 2. Pump Station Operations and Maintenance Equipment Manuals

**Lat/Long:** 41.56960/-87.45642

**Caption:**

No User Rating (Site Visit) - PS-N5: Manuals onsite



**Inspect ID:** 2024-0091

**Rated Item:** 2. Pump Station Operations and Maintenance Equipment Manuals

**Lat/Long:** 41.56791/-87.44817

**Caption:**

No User Rating (Site Visit) - PS-ND: Manuals onsite



**Inspect ID:** 2024-0035

**Rated Item:** 3. Safety Compliance

**Lat/Long:** 41.56966/-87.45653

**Caption:**

No User Rating (Site Visit) - PS-N5: Guardrails are wobbly - noted during last inspection



**Inspect ID:** 2024-0015

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56832/-87.47161

**Caption:**

No User Rating (Site Visit) - PS-81: Cracked and delaminated concrete





**Inspect ID:** 2024-0019

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56831/-87.47176

**Caption:**

No User Rating (Site Visit) - PS-81: Bird nests in louver



**Inspect ID:** 2024-0027

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56824/-87.47168

**Caption:**

No User Rating (Site Visit) - PS-81: Bird nests are present on screen of louver



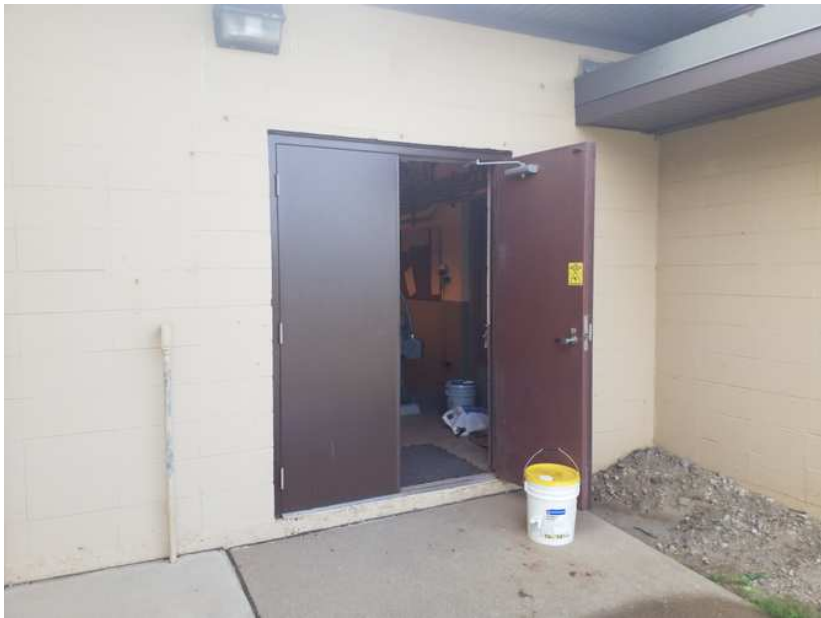
**Inspect ID:** 2024-0051

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56954/-87.45656

**Caption:**

No User Rating (Site Visit) - PS-N5: Spalling on concrete



**Inspect ID:** 2024-0063

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56960/-87.45654

**Caption:**

No User Rating (Site Visit) - PS-N5: Doors were recently repainted - exterior will also be repainted soon



**Inspect ID:** 2024-0071

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56959/-87.45647

**Caption:**

No User Rating (Site Visit) - PS-N5: Erosion in danger of undercutting sidewalk - noted during last inspection



**Inspect ID:** 2024-0087

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56790/-87.44809

**Caption:**

No User Rating (Site Visit) - PS-ND: Sealant between retaining wall and floor sections is badly deteriorated - noted during previous inspections, may be getting worse



**Inspect ID:** 2024-0087

**Rated Item:** 5. Plant Building

**Lat/Long:** 41.56790/-87.44809

**Caption:**

No User Rating (Site Visit) - PS-ND: Sealant between retaining wall and floor sections is badly deteriorated - noted during previous inspections, may be getting worse



**Inspect ID:** 2024-0043

**Rated Item:** 7. Pumps

**Lat/Long:** 41.56965/-87.45648

**Caption:**

No User Rating (Site Visit) - PS-N5: Missing bolts on top of SWP-4 - noted during last inspection



**Inspect ID:** 2024-0055

**Rated Item:** 7. Pumps

**Lat/Long:** 41.56955/-87.45636

**Caption:**

No User Rating (Site Visit) - PS-N5: Corrosion and ponding on SWP-6 and SWP-7 - corrosion noted during last inspection



**Inspect ID:** 2024-0103

**Rated Item:** 7. Pumps

**Lat/Long:** 41.56792/-87.44803

**Caption:**

No User Rating (Site Visit) - PS-ND: SWP-1 does not work - noted during last inspection. Plant personnel noted that it would cost more to fix the pump than to replace it, so it is out for bid to replace all the pumps at the facility



**Inspect ID:** 2024-0079

**Rated Item:** 8. Motors, Engines, Fans, Gear Reducers, Back Stop Devices, etc.

**Lat/Long:** 41.56956/-87.45643

**Caption:**

No User Rating (Site Visit) - PS-N5: Exhaust fan EF-3 is inoperable, no ETA on repair - noted during last inspection



**Inspect ID:** 2024-0023

**Rated Item:** 13. Power Source

**Lat/Long:** 41.56830/-87.47173

**Caption:**

No User Rating (Site Visit) - PS-81: Generator hours are 920.6 (hours during last inspection were 885.4). Generator was supposed to be replaced last December but the replacement unit had issues so they are waiting on a different replacement, no ETA. Current generator is operational in the meantime with some issues



**Inspect ID:** 2024-0075  
**Rated Item:** 13. Power Source  
**Lat/Long:** 41.56971/-87.45674  
**Caption:**  
No User Rating (Site Visit) - PS-N5: Generator 1 through 4 hrs are 417.7, 386.5, 396.4, and 391.9, respectively. Hours during last inspection were 402, 371.2, 380.7, and 376.1, respectively



**Inspect ID:** 2024-0099  
**Rated Item:** 13. Power Source  
**Lat/Long:** 41.56788/-87.44797  
**Caption:**  
No User Rating (Site Visit) - PS-ND: Waiting on transfer switch for generator, expected by July 2024 - last inspection noted same issue



**Inspect ID:** 2024-0111

**Rated Item:** 13. Power Source

**Lat/Long:** 41.56780/-87.44795

**Caption:**

No User Rating (Site Visit) - PS-ND: Generator has 573.9 hrs - there were 551.8 hrs during the last inspection



**Inspect ID:** 2024-0007

**Rated Item:** 14. Electrical Systems

**Lat/Long:** 41.56845/-87.47172

**Caption:**

No User Rating (Site Visit) - PS-81: Missing arc flash warning labels





**Inspect ID:** 2024-0039

**Rated Item:** 14. Electrical Systems

**Lat/Long:** 41.56966/-87.45653

**Caption:**

No User Rating (Site Visit) - PS-N5: Transducer was replaced within the last year (old one shown in photo)



**Inspect ID:** 2024-0047

**Rated Item:** 14. Electrical Systems

**Lat/Long:** 41.56965/-87.45648

**Caption:**

No User Rating (Site Visit) - PS-N5: Missing arc flash warning labels



**Inspect ID:** 2024-0083

**Rated Item:** 14. Electrical Systems

**Lat/Long:** 41.56954/-87.45668

**Caption:**

No User Rating (Site Visit) - PS-N5: Some lights on building exterior do not work (1 shown)



**Inspect ID:** 2024-0095

**Rated Item:** 14. Electrical Systems

**Lat/Long:** 41.56790/-87.44815

**Caption:**

No User Rating (Site Visit) - PS-ND: Missing arc flash warning labels



**Inspect ID:** 2024-0107

**Rated Item:** 14. Electrical Systems

**Lat/Long:** 41.56790/-87.44800

**Caption:**

No User Rating (Site Visit) - PS-ND: Missing arc flash warning labels



**Inspect ID:** 2024-0011

**Rated Item:** 16. Enclosures, Panels, Conduit and Ducts

**Lat/Long:** 41.56845/-87.47172

**Caption:**

No User Rating (Site Visit) - PS-81: Power quality meter is out of service, no ETA on repair - noted during last inspection



**Inspect ID:** 2024-0031

**Rated Item:** 16. Enclosures, Panels, Conduit and Ducts

**Lat/Long:** 41.56825/-87.47170

**Caption:**

No User Rating (Site Visit) - PS-81: Breakers 24 and 26 are missing labels - plant personnel don't know what these breakers operate



**Inspect ID:** 2024-0067

**Rated Item:** 16. Enclosures, Panels, Conduit and Ducts

**Lat/Long:** 41.56961/-87.45655

**Caption:**

No User Rating (Site Visit) - PS-N5: Breakers 16 and 18 are labeled "spare" but are turned on - plant personnel don't know what these breakers operate

# National Levee Database

NLD

LEVEE INSPECTION MAPBOOK

Levee Segment  
**Highland**

NLD Levee Segment ID  
2604000007

Location  
Highland

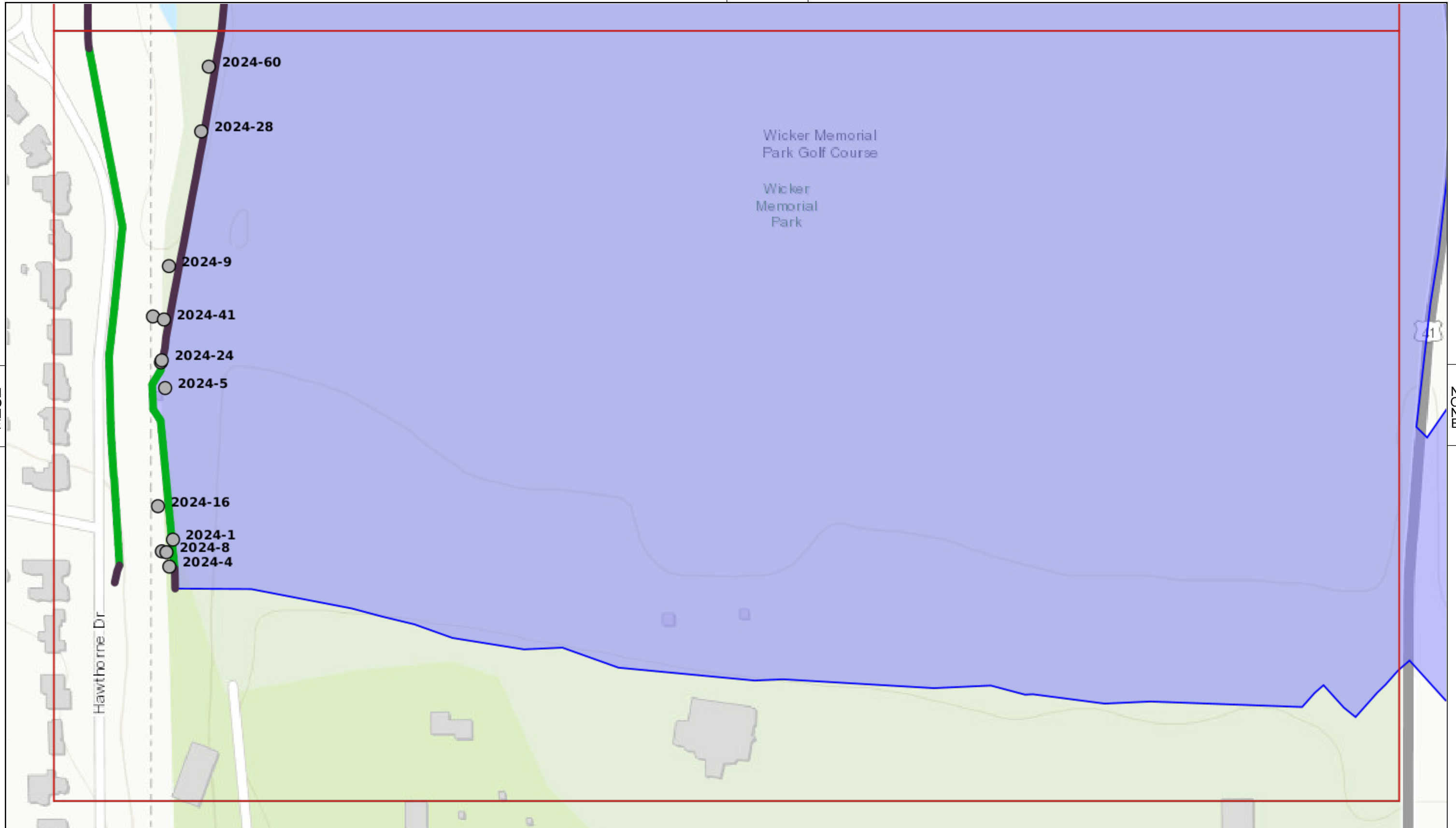
Inspection Type  
Site Visit

Start Date  
02-May-2024

End Date  
02-May-2024

Inspected By  
Chris Schaal, Mike Cook, Youa Yang





MZOZ

MZOZ

Hawthorne Dr

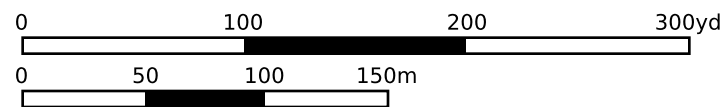
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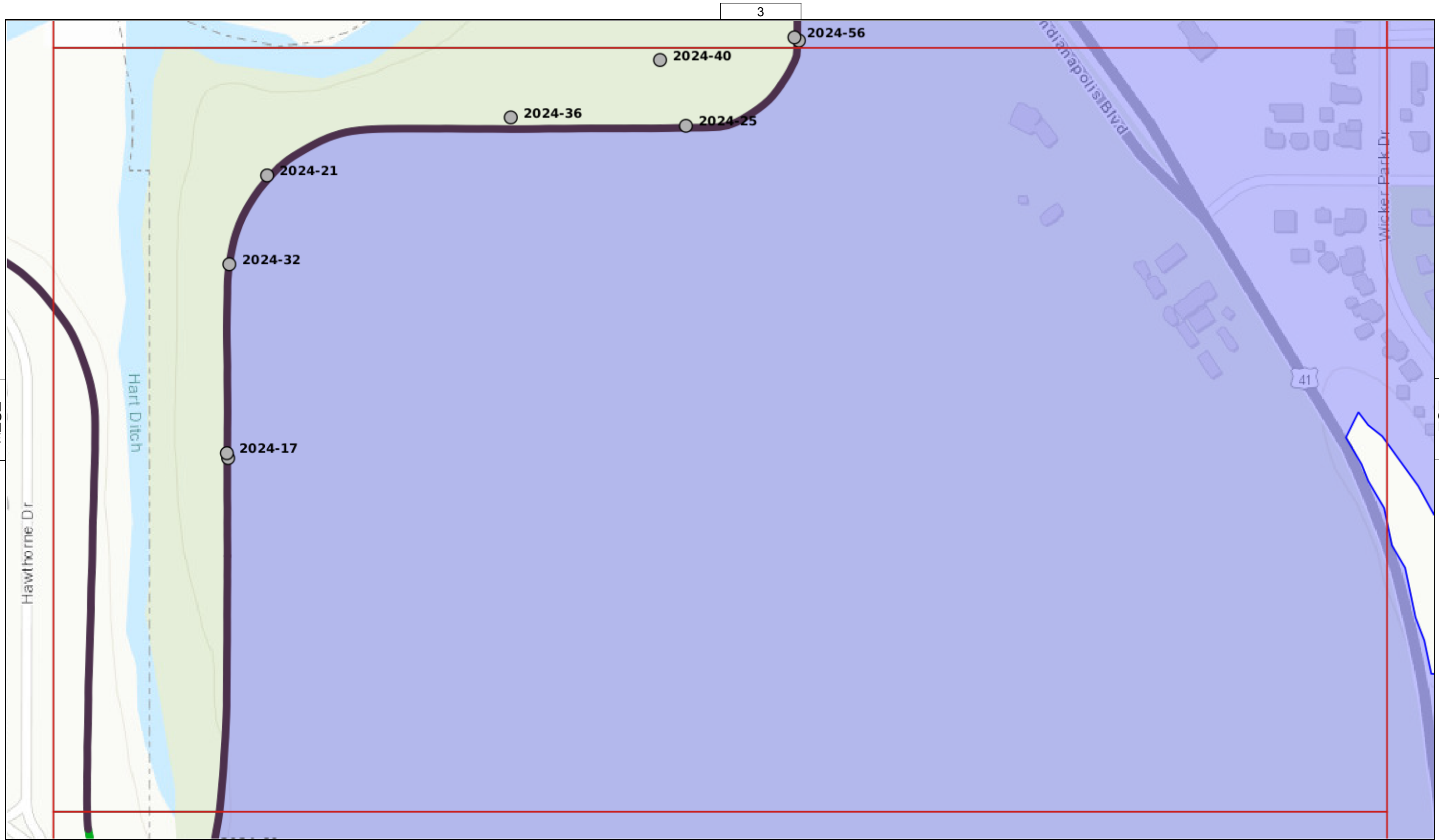
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-  Acceptable
-  Minimally Acceptable
-  Unacceptable
-  Not Applicable

Scale = 1:3000



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	Highland	
	Type: Site Visit	02-May-2024



MZOZ

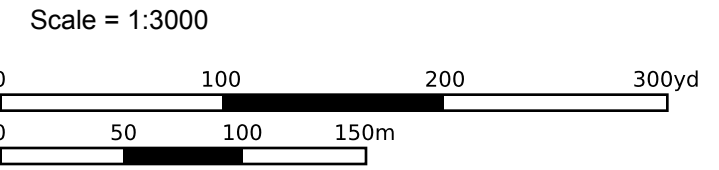
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3

1



- OBSERVATIONS**
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  - *N* Minimally Acceptable
  - *N* Unacceptable
  - *N* Not Applicable



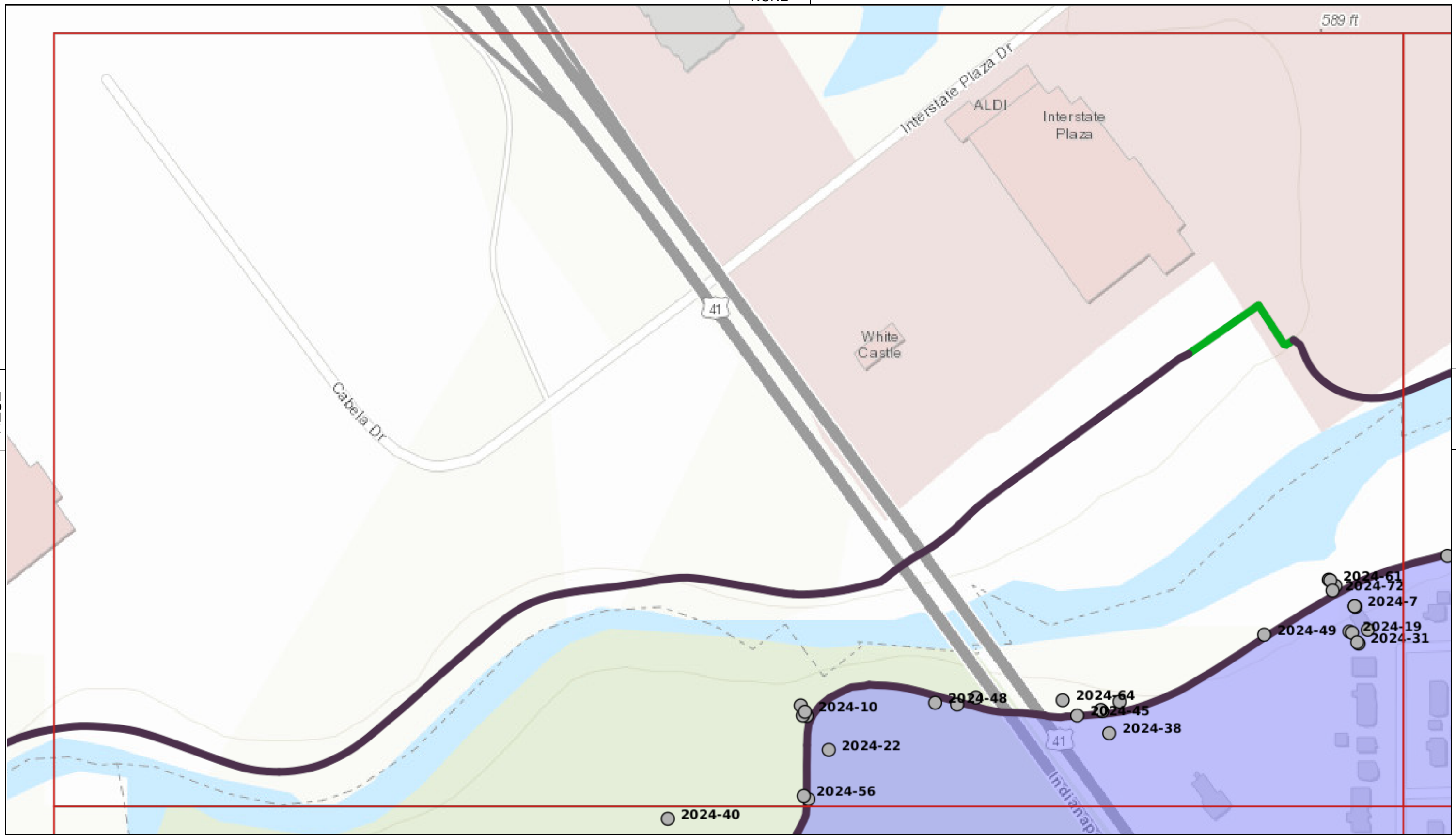
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	Type: Site Visit	02-May-2024

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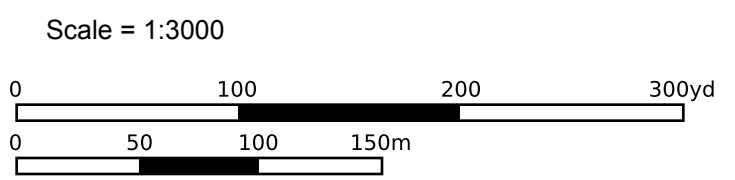
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WZOZ

4



- OBSERVATIONS**
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  - N Minimally Acceptable
  - N Unacceptable
  - N Not Applicable

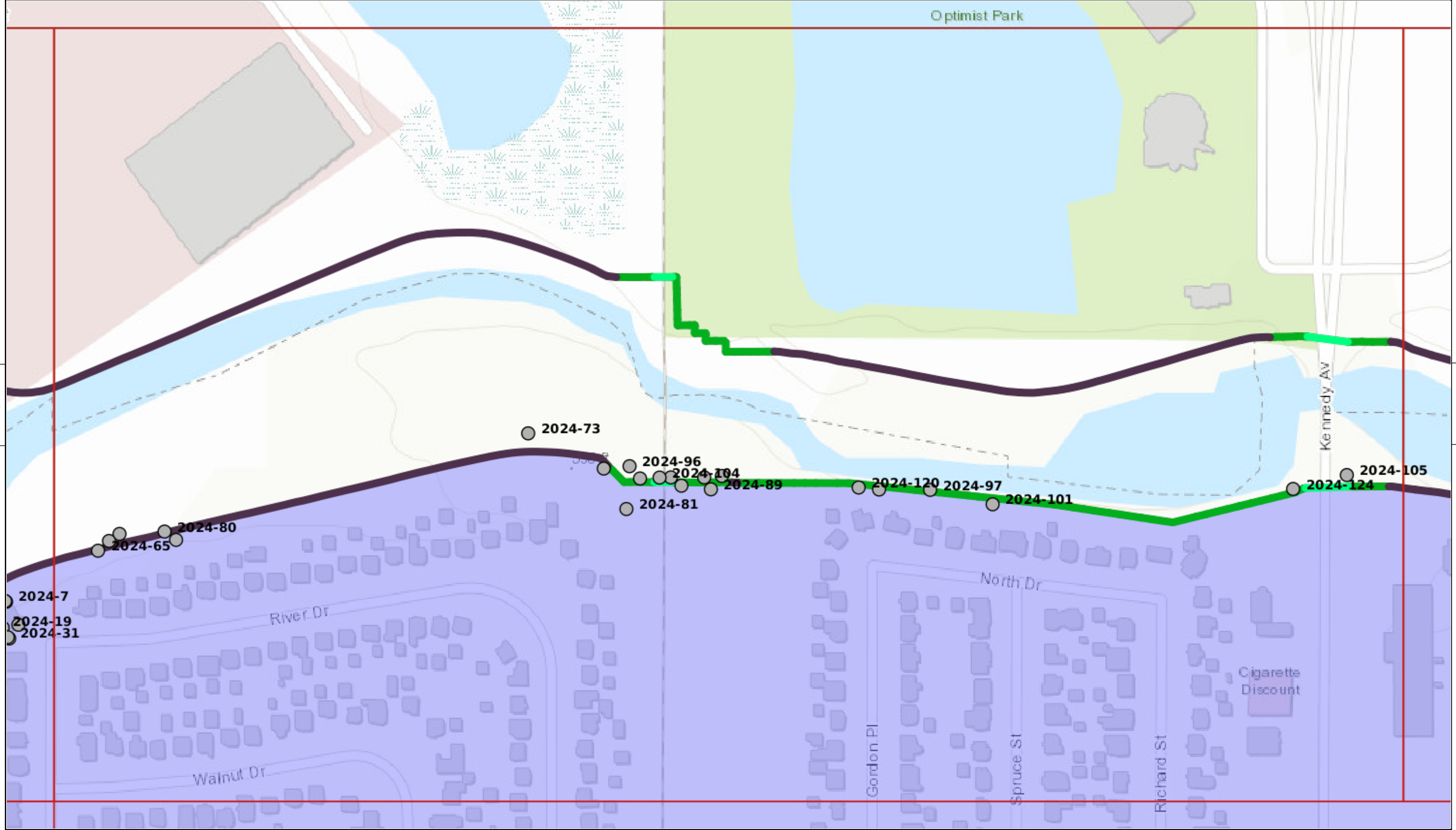


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	Type: Site Visit	02-May-2024

2



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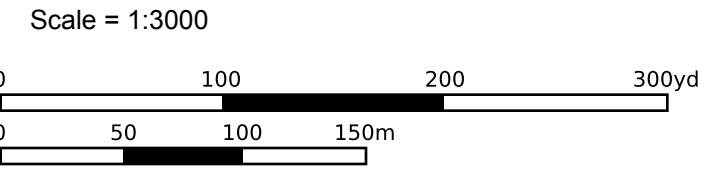
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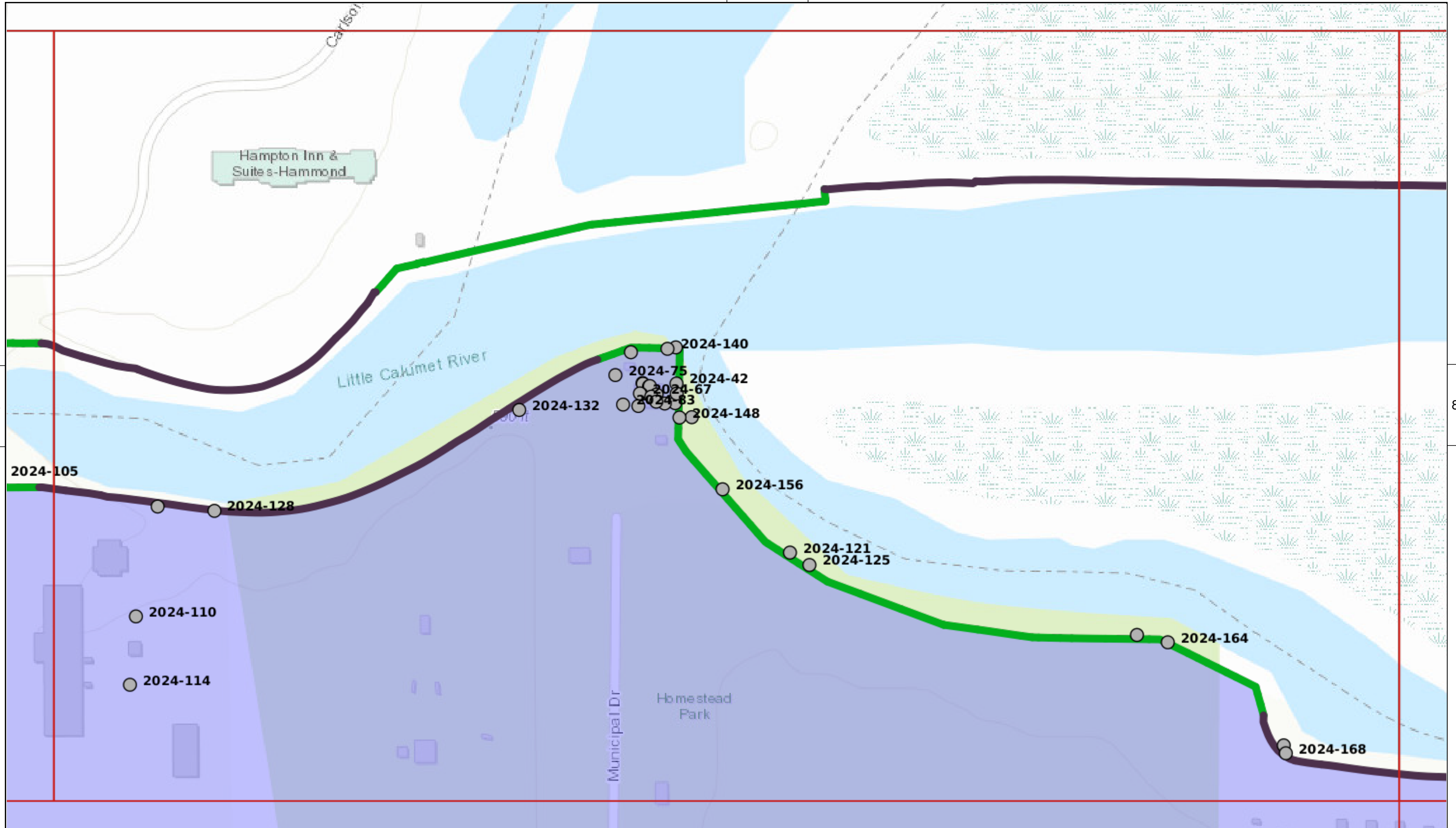


- OBSERVATIONS**
- N Acceptable
  - N Minimally Acceptable
  - N Unacceptable
  - N Not Applicable



NLD	Sheet: 4	02-May-2024
	Highland	
	Type: Site Visit	02-May-2024

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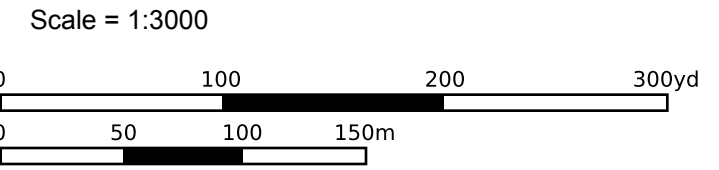
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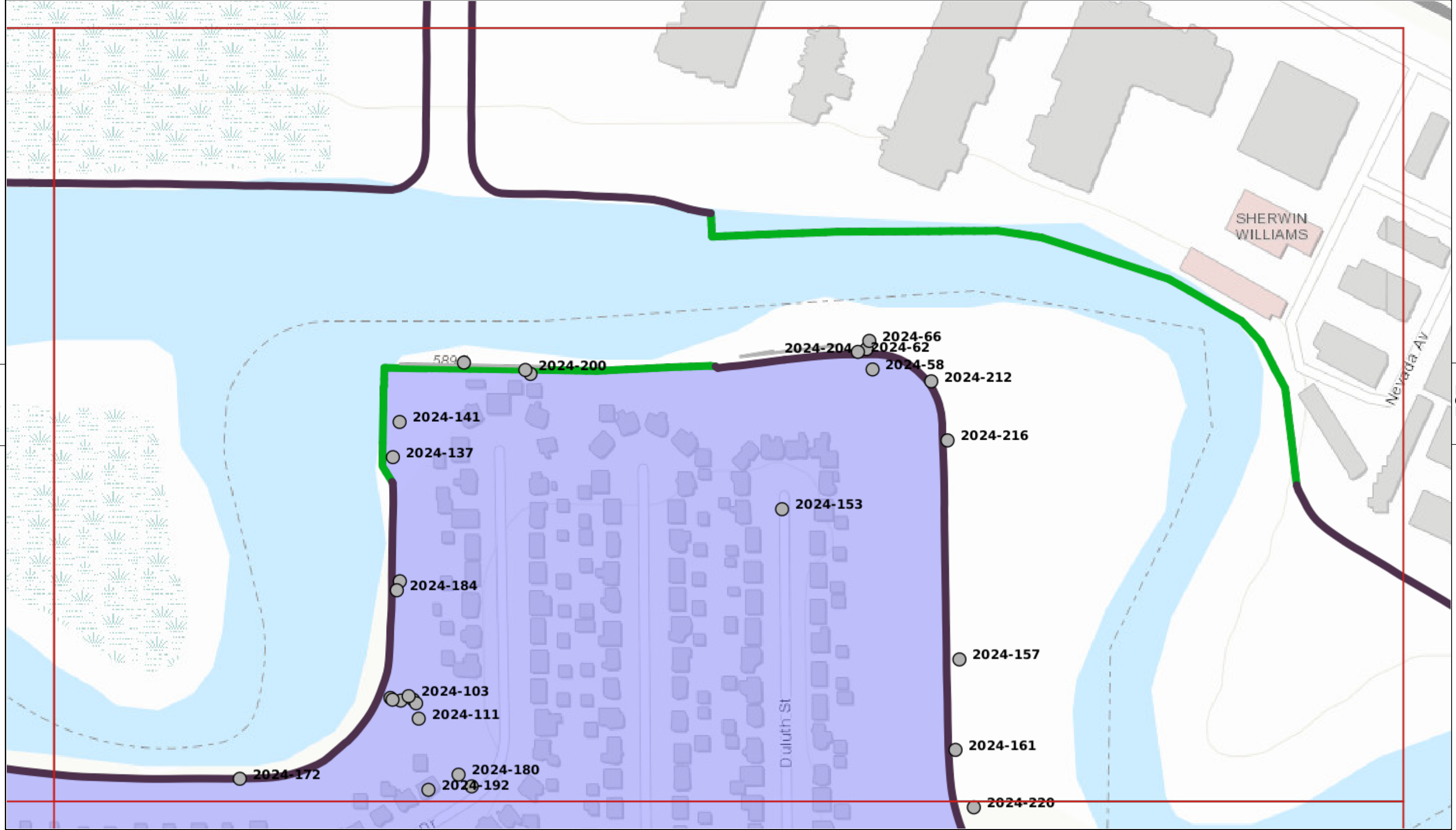


- OBSERVATIONS**
- Acceptable
  - Minimally Acceptable
  - Unacceptable
  - Not Applicable



NLD	Sheet: 5	02-May-2024
	Highland	
	Type: Site Visit	02-May-2024

NONE



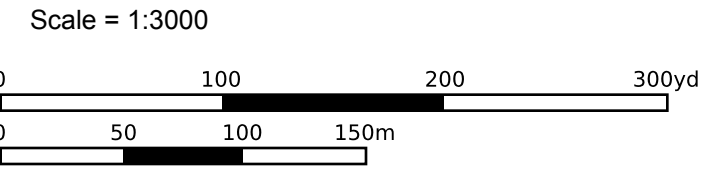
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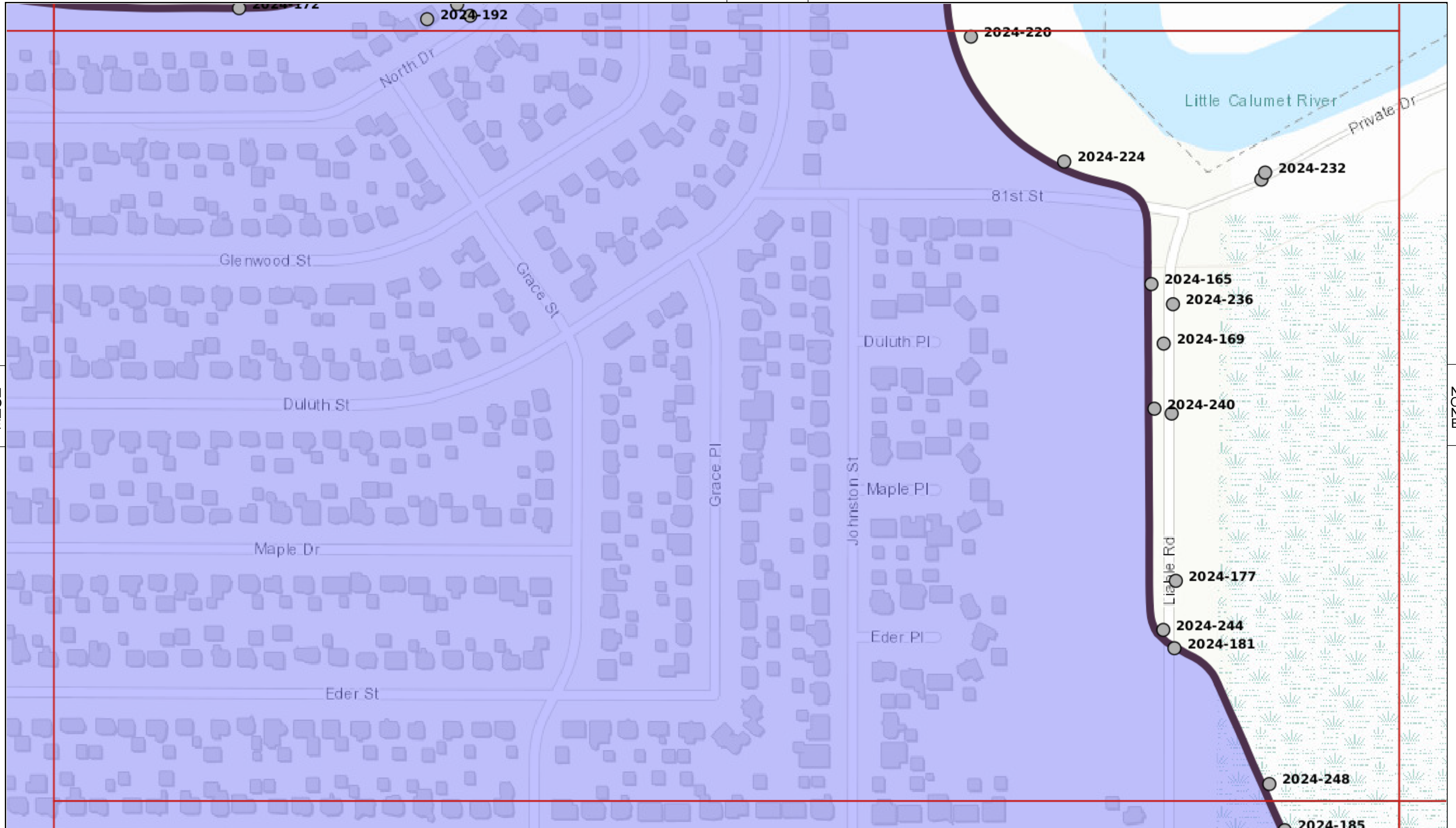
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- OBSERVATIONS**
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  - N Minimally Acceptable
  - N Unacceptable
  - N Not Applicable



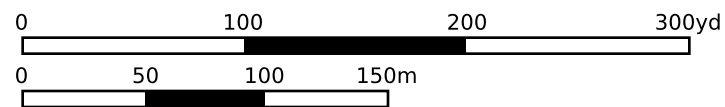
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	Type: Site Visit	02-May-2024



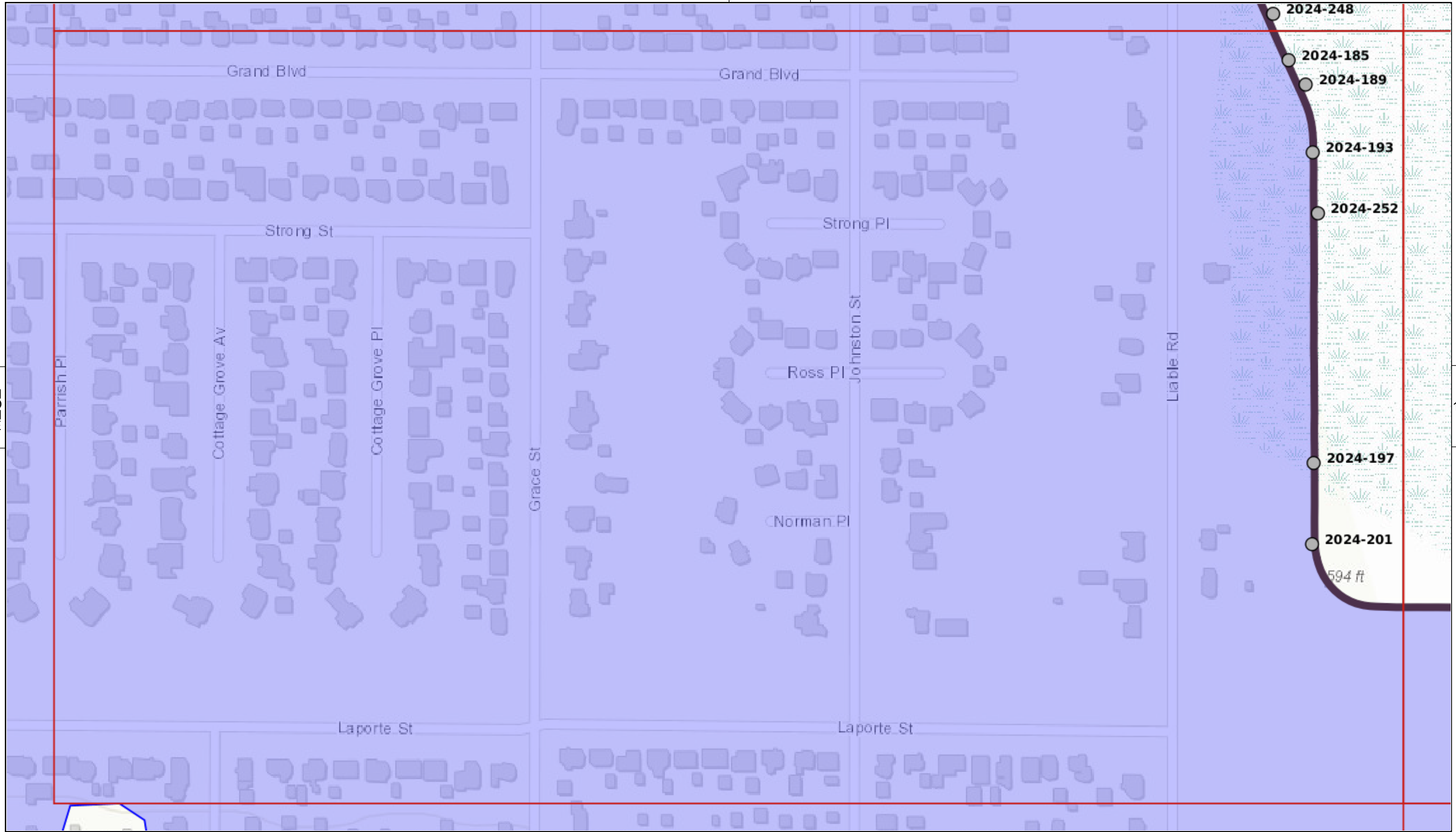
**OBSERVATIONS**

- N Acceptable
- N Minimally Acceptable
- N Unacceptable
- N Not Applicable

Scale = 1:3000



NLD	Sheet: 7	02-May-2024
	Highland	
	Type: Site Visit	02-May-2024



2024-248

2024-185

2024-189

2024-193

2024-252

2024-197

2024-201

594 ft

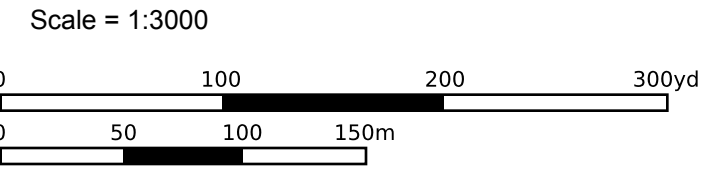
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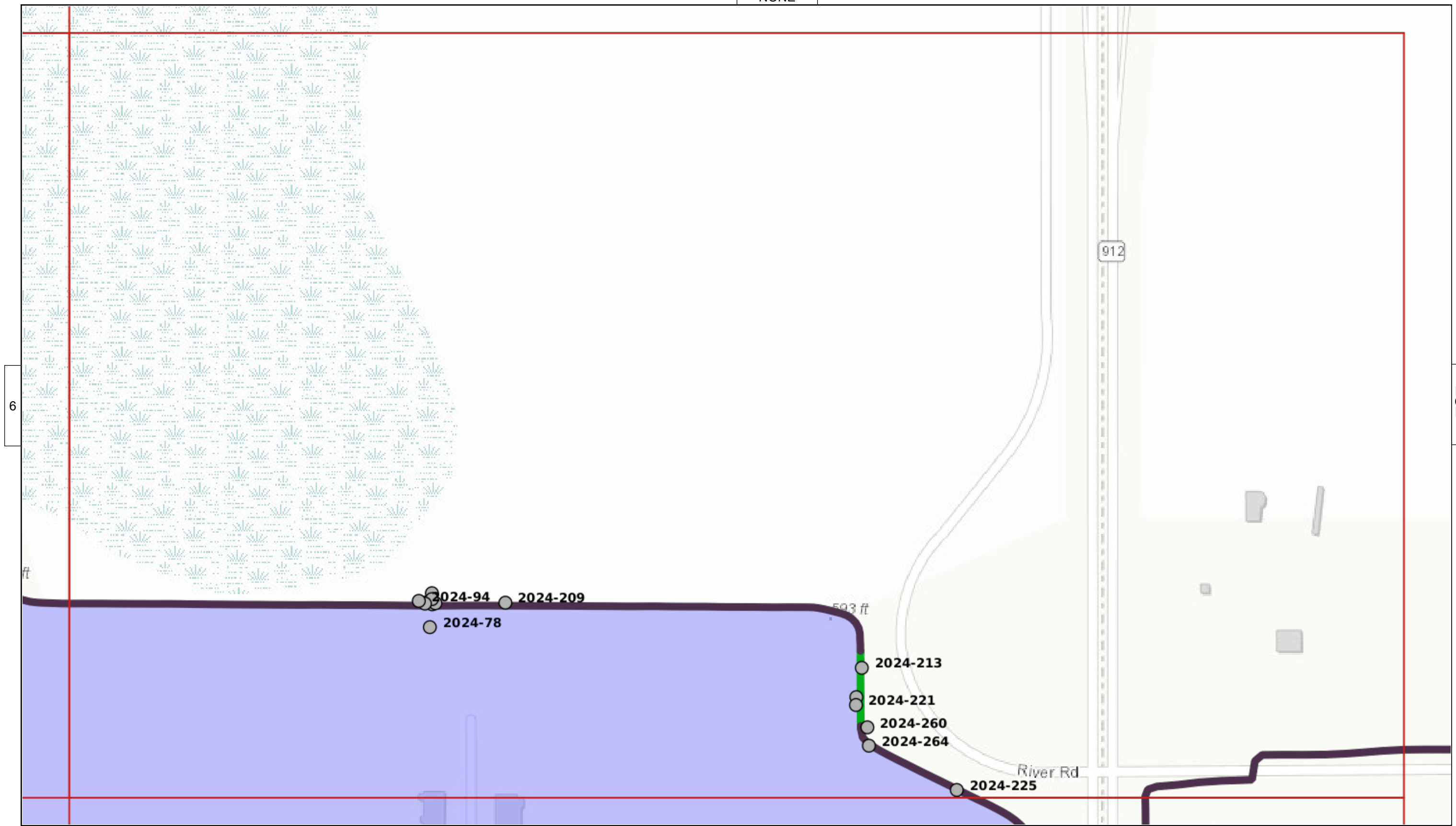


- OBSERVATIONS**
- N Acceptable
  - N Minimally Acceptable
  - N Unacceptable
  - N Not Applicable

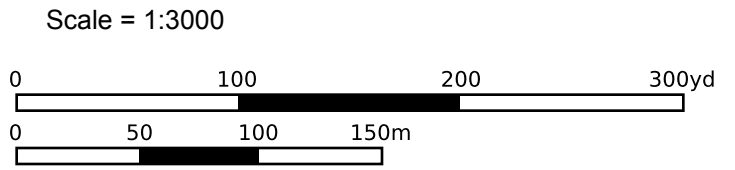


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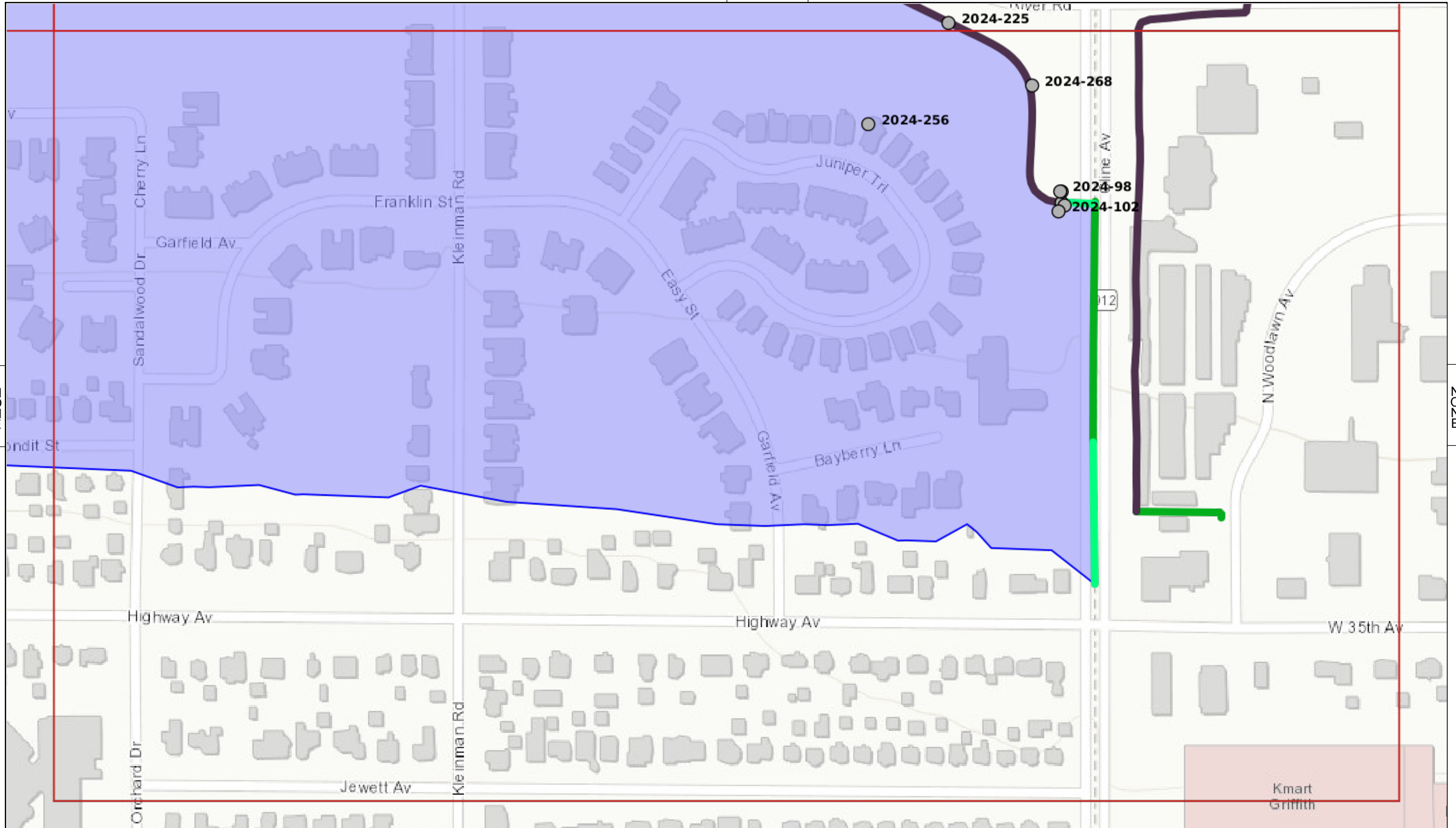
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- OBSERVATIONS**
- *N* Acceptable
  - *N* Minimally Acceptable
  - *N* Unacceptable
  - *N* Not Applicable



NLD	Sheet: 10	02-May-2024
	Highland	
	Type: Site Visit	02-May-2024



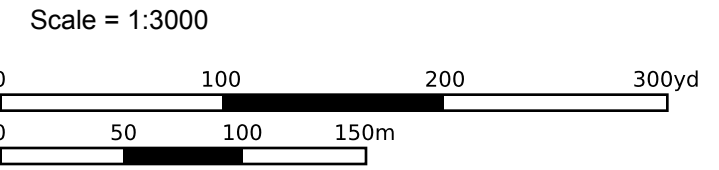
MZOO

MZOO

NONE



- OBSERVATIONS**
- *N* Acceptable
  - *N* Minimally Acceptable
  - *N* Unacceptable
  - *N* Not Applicable



NLD	Sheet: 9	02-May-2024
	Highland	
	Type: Site Visit	02-May-2024

### Subset of Inspection Items for Rehabilitation Program Eligibility Determination

In order to be eligible, all of the following items must be rated A, M, N/A or Yes.

Note: Item numbers listed below refer to their placement in the Inspection Checklist for the Highland Levee.

Rehabilitation Program Eligibility Determination			
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Public sponsor provided maintenance information per the Public Sponsor Pre-Inspection Form.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Non-federal levee system meets Initial Eligibility criteria.	
N/A <input checked="" type="checkbox"/>			
<b>If either of the above items is marked "No" the levee system is not eligible.</b>			
Rating	Rated Item		
<b>Levee Embankments</b>			
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	3. Encroachments
A <input type="checkbox"/>	U <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	4. Closure Structures (Stop Log, Earthen Closures, Gates, or Sandbag Closures)
A <input checked="" type="checkbox"/>	M <input type="checkbox"/>	U <input type="checkbox"/>	5. Slope Stability
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	6. Erosion/ Bank Caving
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	10. Animal Control
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	11. Culverts/Discharge Pipes (This item includes both concrete and corrugated metal pipes.)
N/A <input type="checkbox"/>			
A <input type="checkbox"/>	M <input type="checkbox"/>	U <input type="checkbox"/>	14. Underseepage Relief Wells/Toe Drainage Systems
N/A <input checked="" type="checkbox"/>			
<b>Floodwalls – N/A</b>			
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	2. Encroachments
A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	N/A <input type="checkbox"/>	3. Closure Structures (Stop Log Closures and Gates)
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	5. Tilting, Sliding, or Settlement of Concrete Structures
A <input type="checkbox"/>	M <input checked="" type="checkbox"/>	U <input type="checkbox"/>	6. Foundation of Concrete Structures



A	<input type="checkbox"/>	8. Underseepage Relief Wells/Toe Drainage Systems
M	<input type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input checked="" type="checkbox"/>	
<b>Interior Drainage System</b>		
A	<input type="checkbox"/>	9. Culverts/Discharge Pipes
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
A	<input type="checkbox"/>	10. Sluice/Slide Gates
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
A	<input type="checkbox"/>	11. Flap Gates/Flap Valves/Pinch Valves
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
<b>Pump Stations – N/A</b>		
A	<input checked="" type="checkbox"/>	17. Intake and Discharge Pipelines
M	<input type="checkbox"/>	
U	<input type="checkbox"/>	
A	<input checked="" type="checkbox"/>	18. Sluice/Slide Gates
M	<input type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
A	<input type="checkbox"/>	19. Flap Gates/Flap Valves/Pinch Valves
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
<b>Rehabilitation Program Status</b>		
Active	<input checked="" type="checkbox"/>	System meets all interim eligibility criteria, including having received a rating of A, M, N/A or Yes for all subset items and is therefore eligible for rehabilitation assistance.
Inactive	<input type="checkbox"/>	System does not meet interim eligibility requirements.
Comments:  Only minor issues noted.		