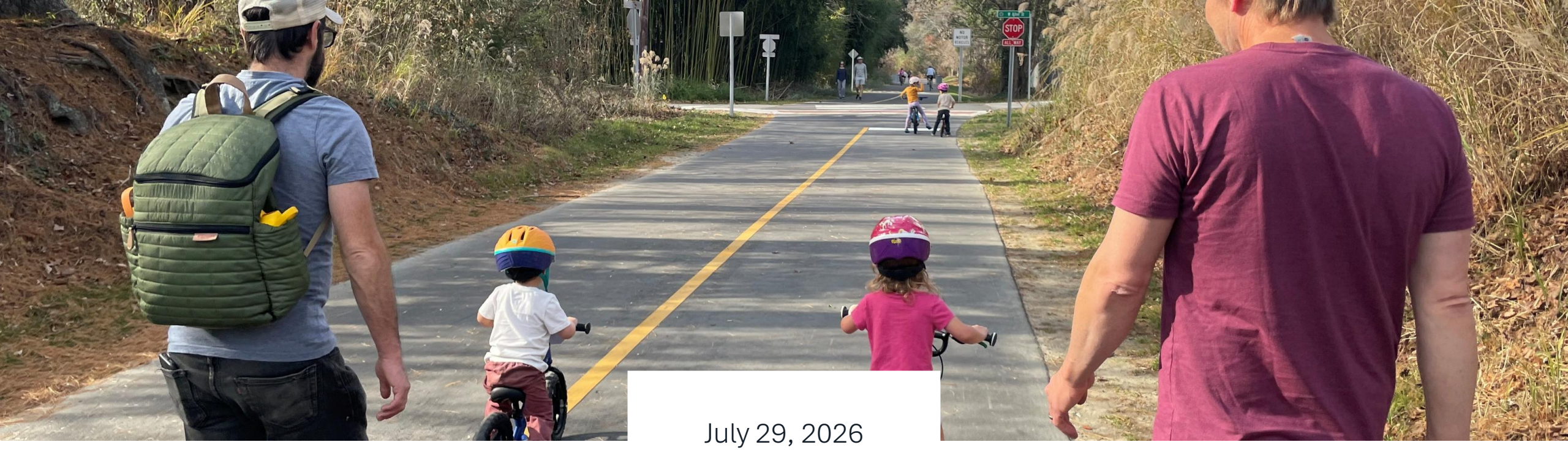


July 29, 2026

Ecusta Trail Advisory Board

Amenities Update

WATERMARK
LANDSCAPE ARCHITECTURE • LAND PLANNING • CONSULTING

McADAMS

EQUINOX



Agenda

01 Brief Project Overview

02 Amenities Recap

03 Signage Update

04 Mapping

05 Trail Access Sites

06 Next Steps

Amenities Team

Ecusta Amenities Team

Christy Staudt, PE

McAdams | Project Lead

Teresa Buckwalter, RLA

McAdams | Landscape and Amenities Lead

WATERMARK
LANDSCAPE ARCHITECTURE ▪ LAND PLANNING ▪ CONSULTING

Hunter Marks, RLA

Watermark | Amenities Advisor

Drake Elder

Watermark | Signage & Cost estimating

EQUINOX

Megan Foy, RLA

Equinox | Construction Documents and Site Planning

Lauren Faye Welsh

Equinox | Assist site planning

Project Update

Overall

Completed:

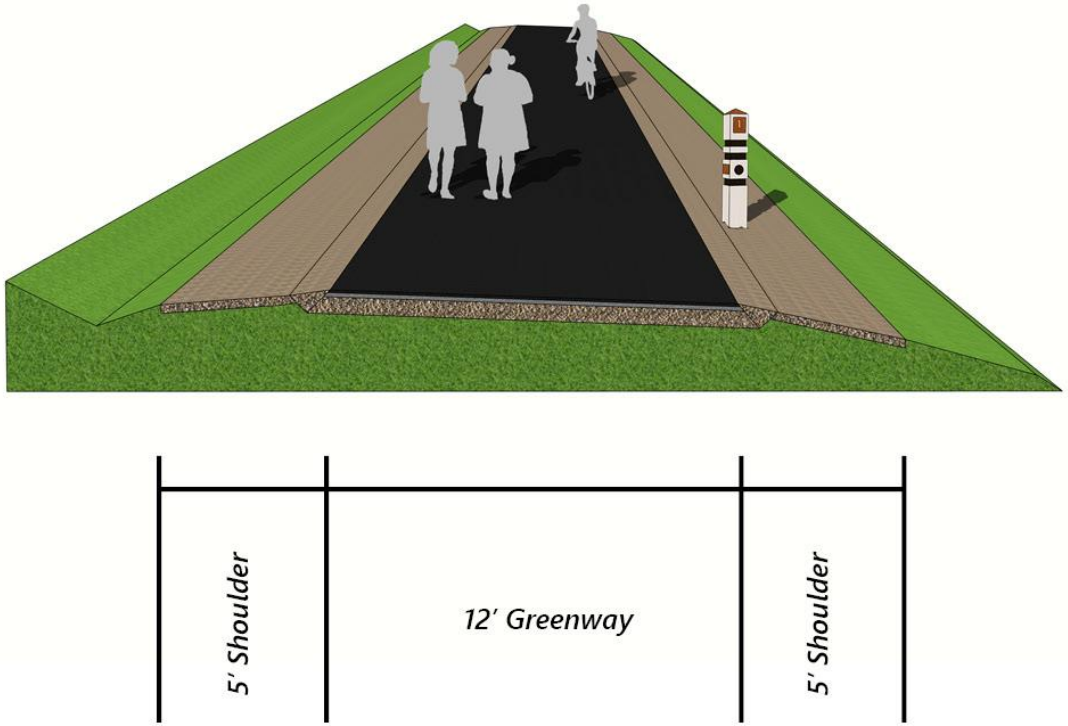
- Incorporated all drainage modifications into design
- Guardrail location approval
- Pisgah Labs fence status
- Field Inspection Submission

Ongoing:

- Utility coordination ongoing
- Amenities coordination
- Trail safety rail design incorporated into model

Next Steps → Working toward April 2027 NCDOT Let

- Inventory ROW/Easement donation locations
- Update overall costs (so we know what we have for amenities)
- Design submissions



Amenities Recap

What is grant funded?

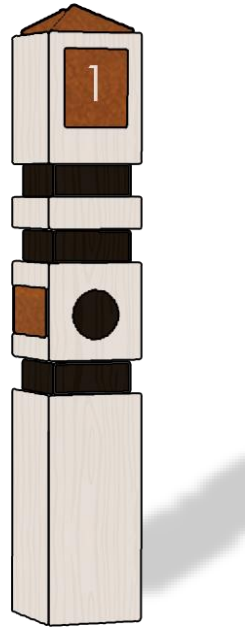
		ELIGIBLE FUNDING SOURCE			
ITEM	NOTES	DA	RAISE*	NSFLTP*	LOCAL
Design Based Aesthetic Elements					
Landscaping	vegetative screening/landscape buffers		X		X
Retaining wall aesthetics/fencing etc			X		
Level 1					
Bike Racks			X		X
Waste Receptacles	*Dog Waste Station Questions?*		X		X
Drinking Fountains					X
Bike Fix-It Stations					X
Benches			X		X
Trail-related Information Signage		X	X		X
Shelters	transit shelters only		X		X
Mile Markers		X	X	X	X
Trail Counters					X
Stations: Information Kiosks	related to trail information only		X		X
Level 2 Requires ROW					
Parking Lots (grading and drainage etc)	only in connection with trailhead or adjacent to trail		X		X
Public Restroom	Basic - nothing fancy		X		X
Trailheads	could include parking	X	X		X
Level 3 - Local Funded Independent Items					
Outdoor Interpretive Exhibits					X
Public Art					X
Asheville Highway Bicycle/Ped Enhancements					X
Enhanced Maintenance					X
Gateway Features					X

Amenities Recap

Grant Funded Level 1 Amenities

Grant funded amenities:

- Benches
- Mile posts
- Information related trail signs
- Bicycle racks
- Waste receptacles
- Stations” (covered benches and kiosks)



Mile posts



Other amenities

Not Grant Funded

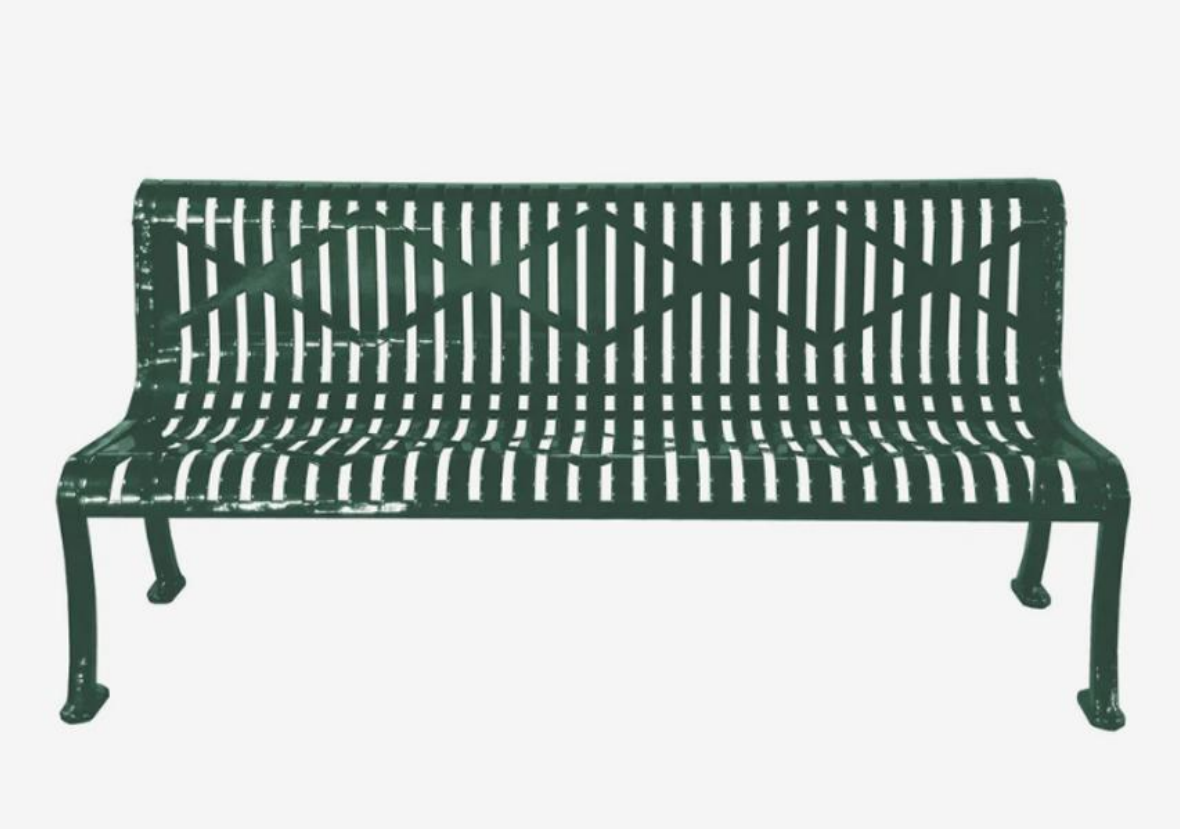
Must be locally funded:

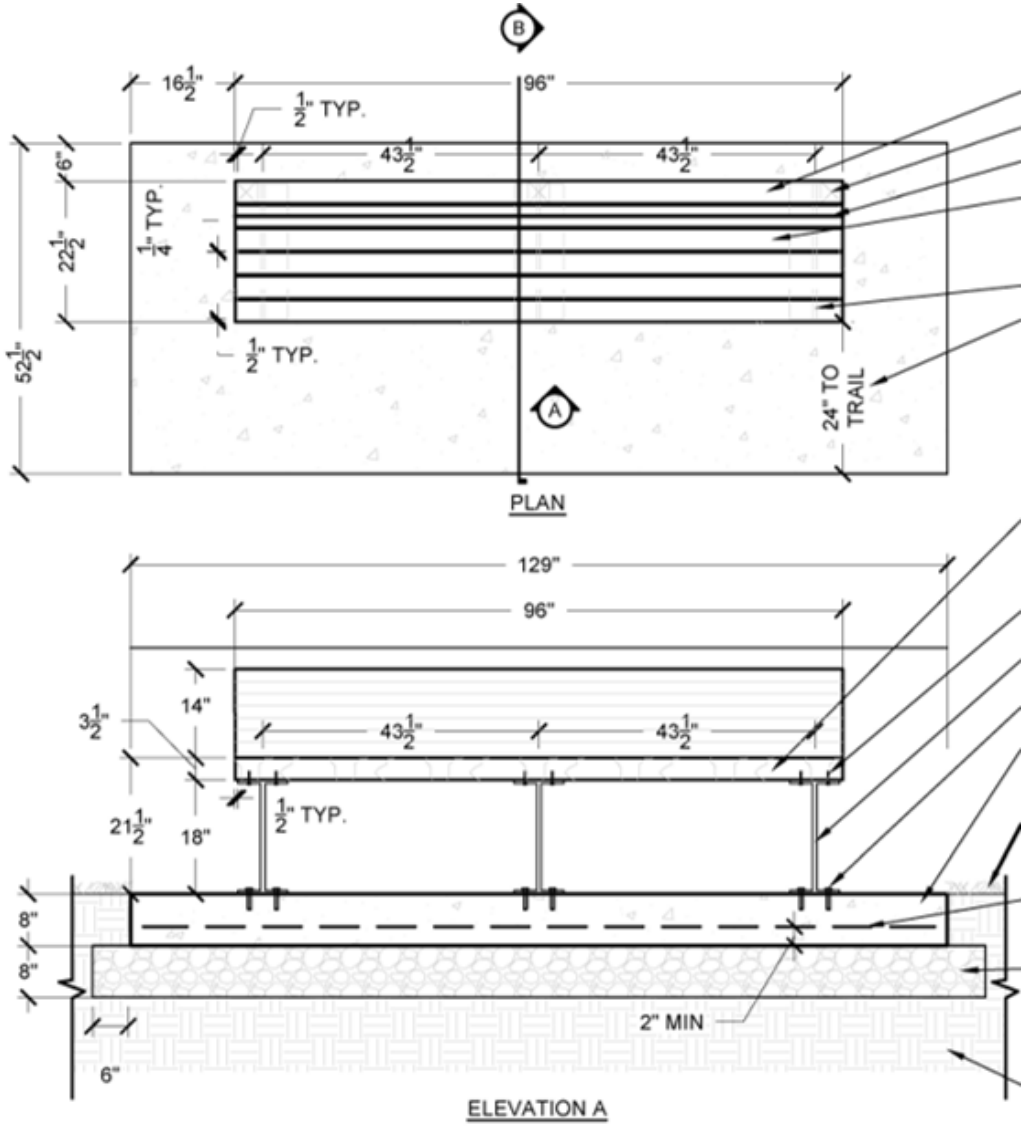
- Bicycle repair stations
- Trail counters
- Interpretive signs
- Drinking fountains
- Other amenities such as art or shelters



Amenities

Bench used in Henderson Co. urban area



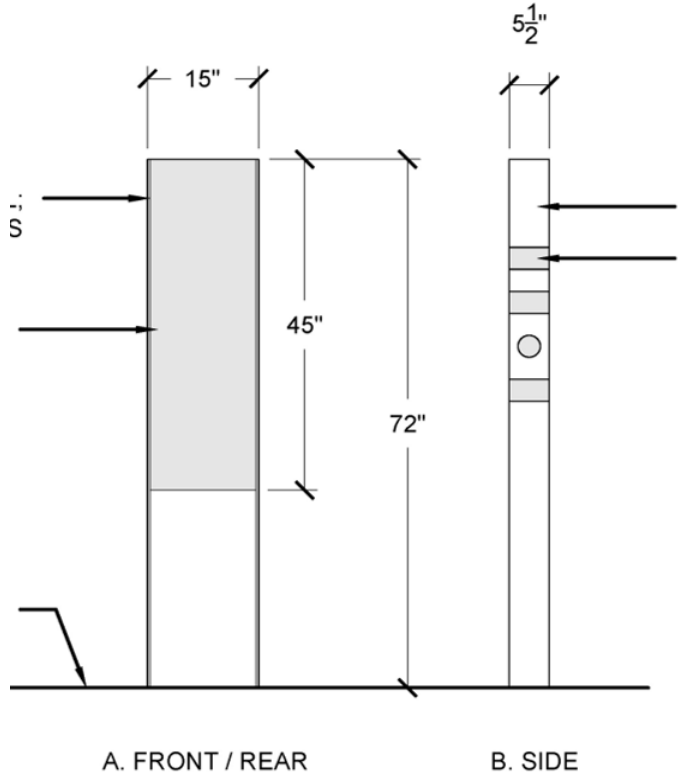


Amenities

Orientation Signs







Amenities

Stations

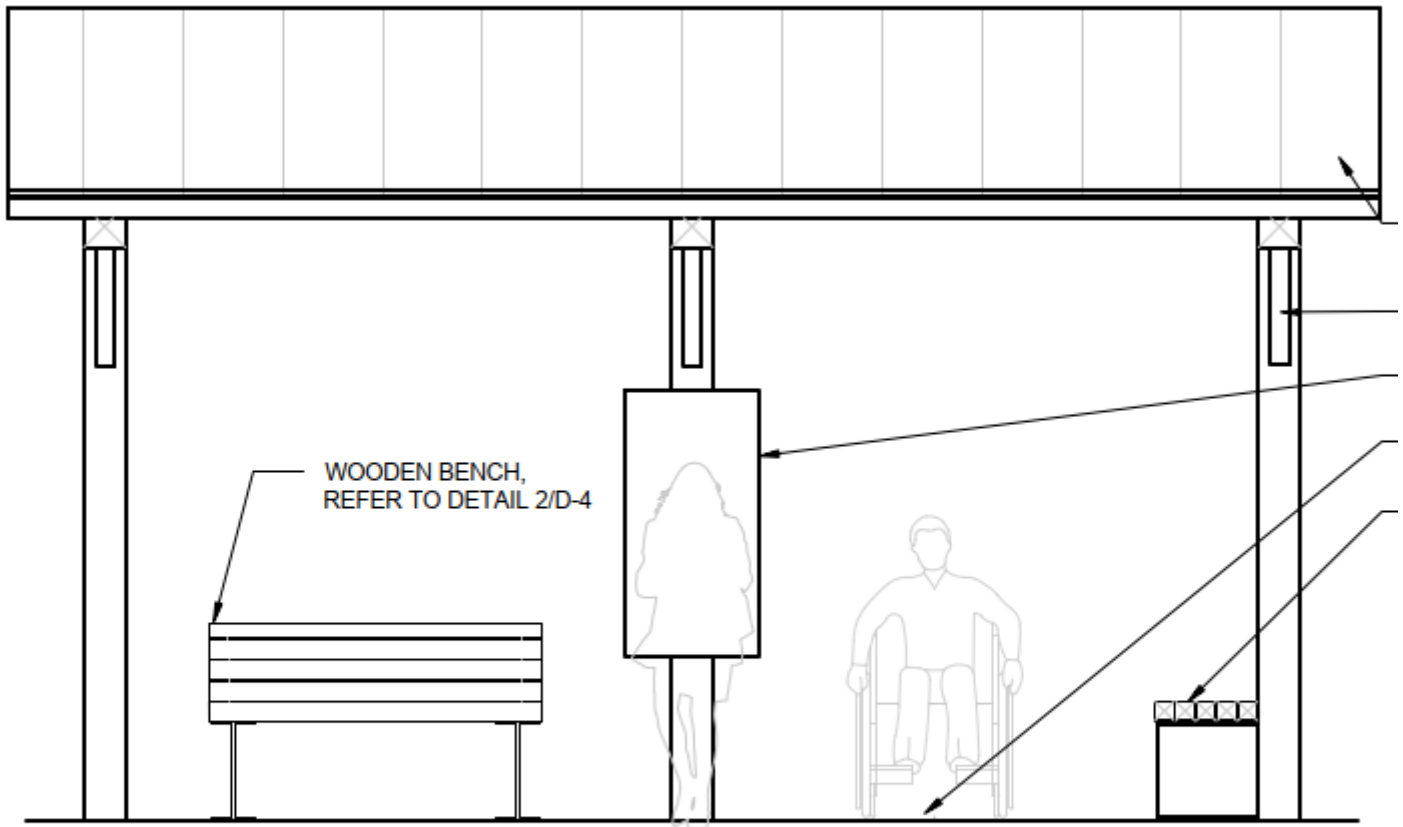




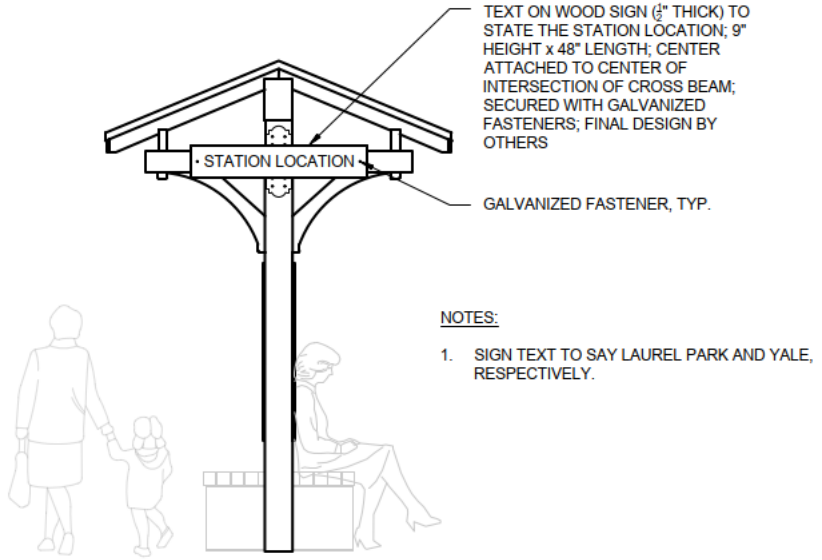
WATERMARK
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Amenities

Stations



1 / D-3 ACCESSIBLE STATION WITH SEATING - FRONT ELEVATION
1" = 2.5'

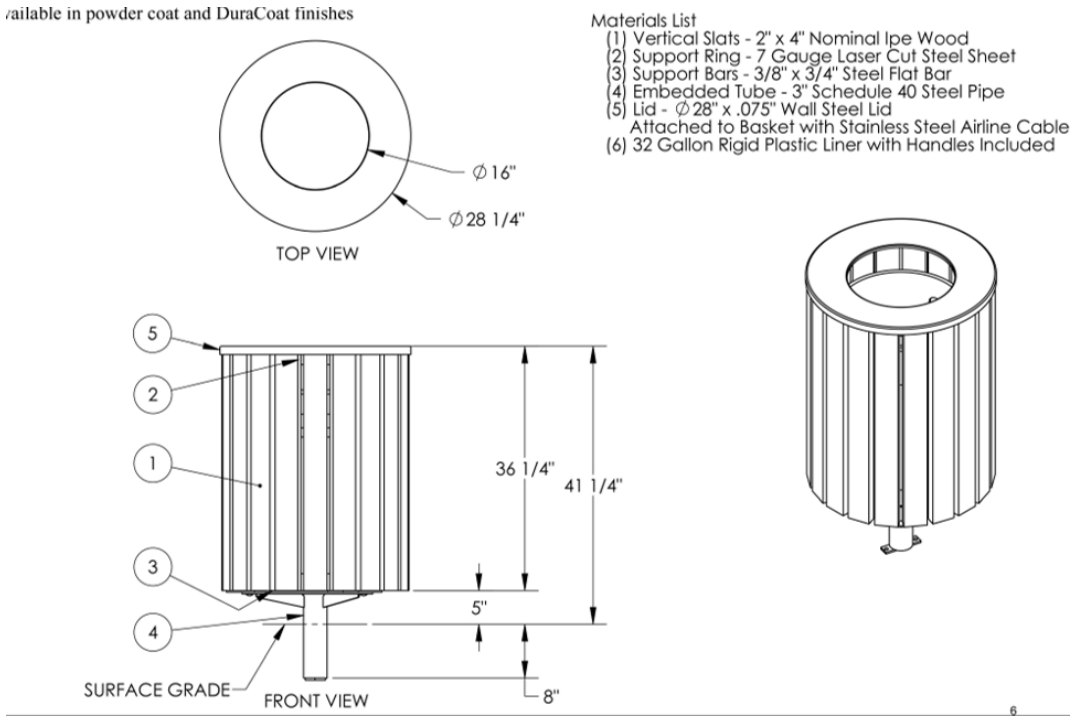


2 / D-3 STATION WITH SEATING- SIDE ELEVATION
1" = 2.5'

Amenities

Waste Receptacles



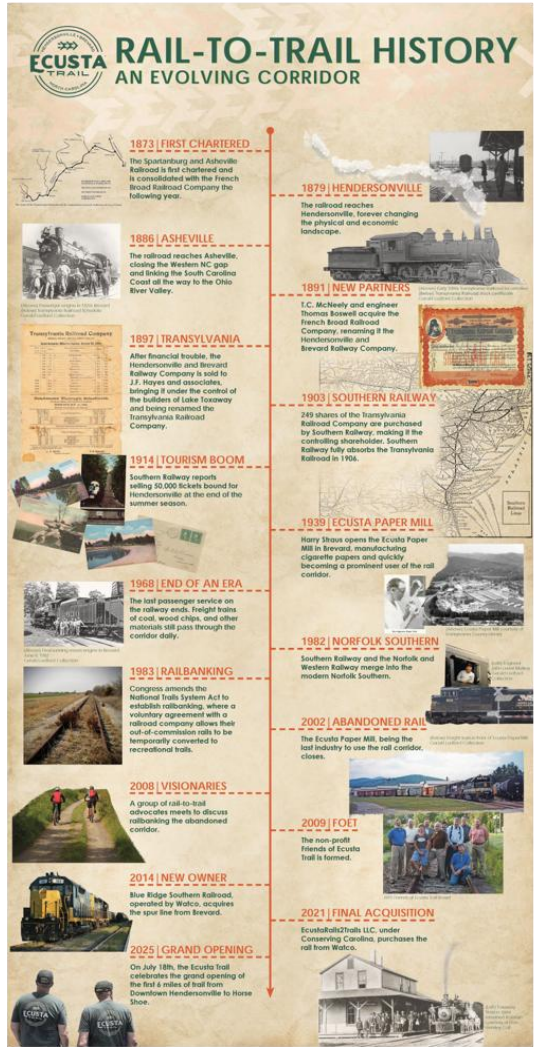


Amenities

Station Signs



24"



48"

24"



48"

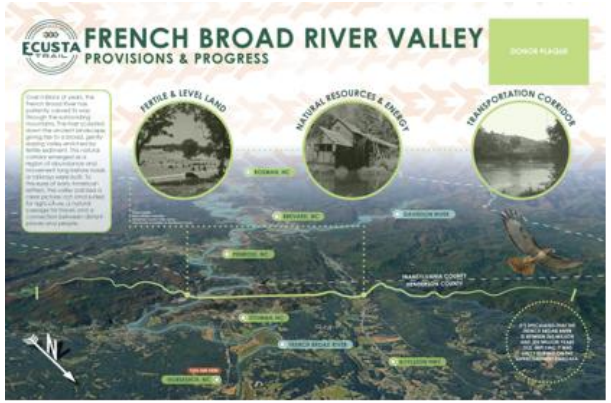
Amenities

Etiquette Signs

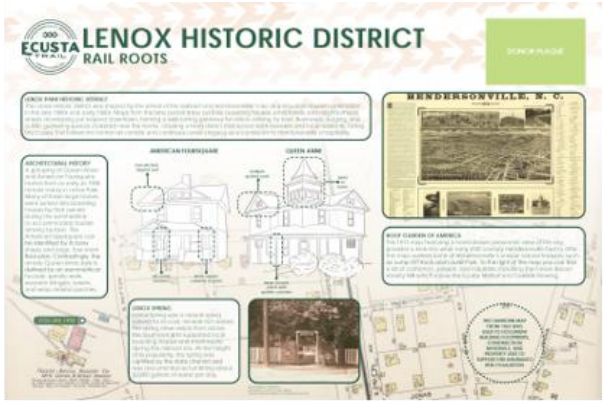


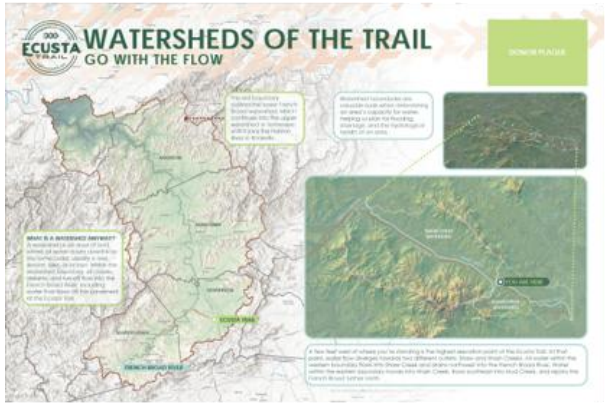
Amenities

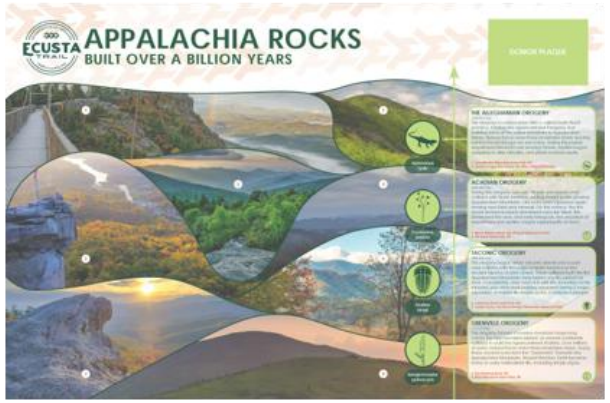
Interpretive Signs

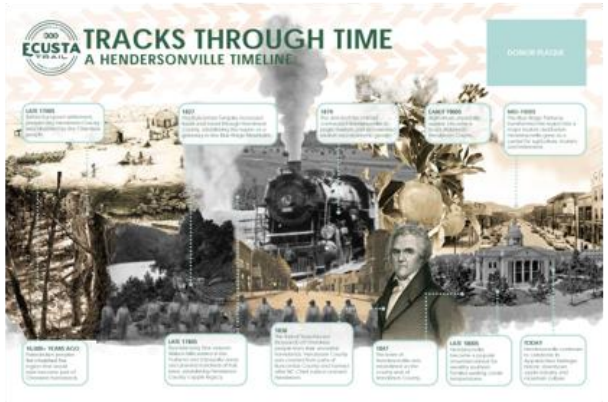












24"

36"

Amenities

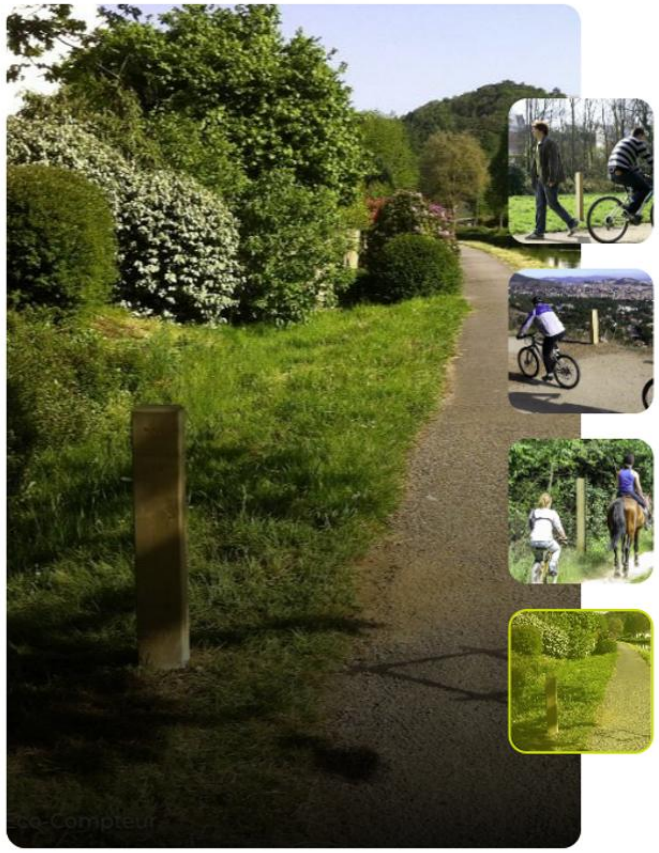
Bike Repair Stations





Amenities

Trail Counters



MULTI Range

MULTI Nature

Permanent pedestrian and bike counter for rural settings.

Bicycle Tourism Natural Areas

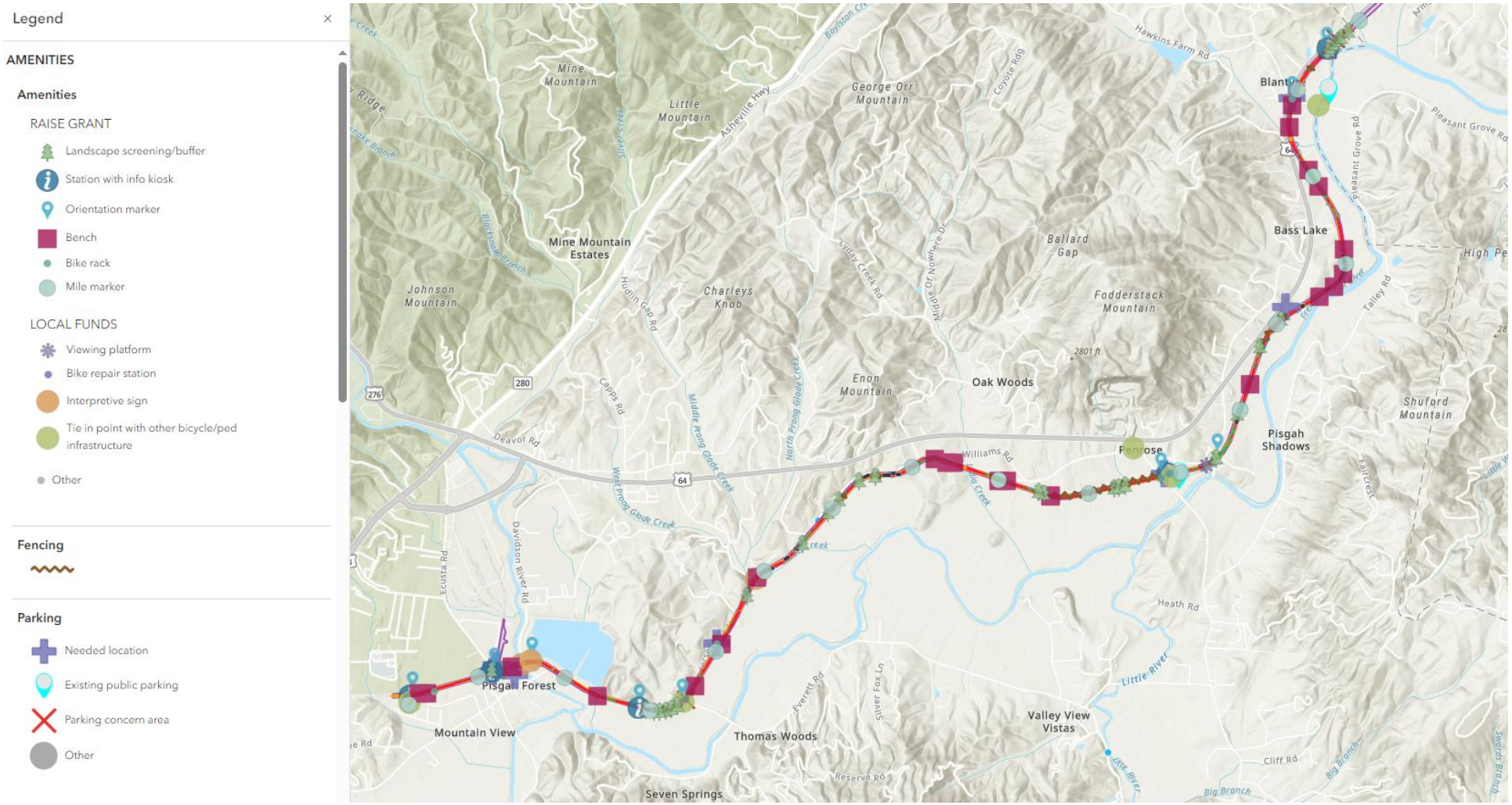
Benefits :

- Counts and differentiates between pedestrians and cyclists
- Measures the direction of travel
- Turn-key solution
- Seamless data transmission to our software
- Battery powered – 2-year battery life
- Works in all weather conditions

Quote request

What We've Been Working On

Locations

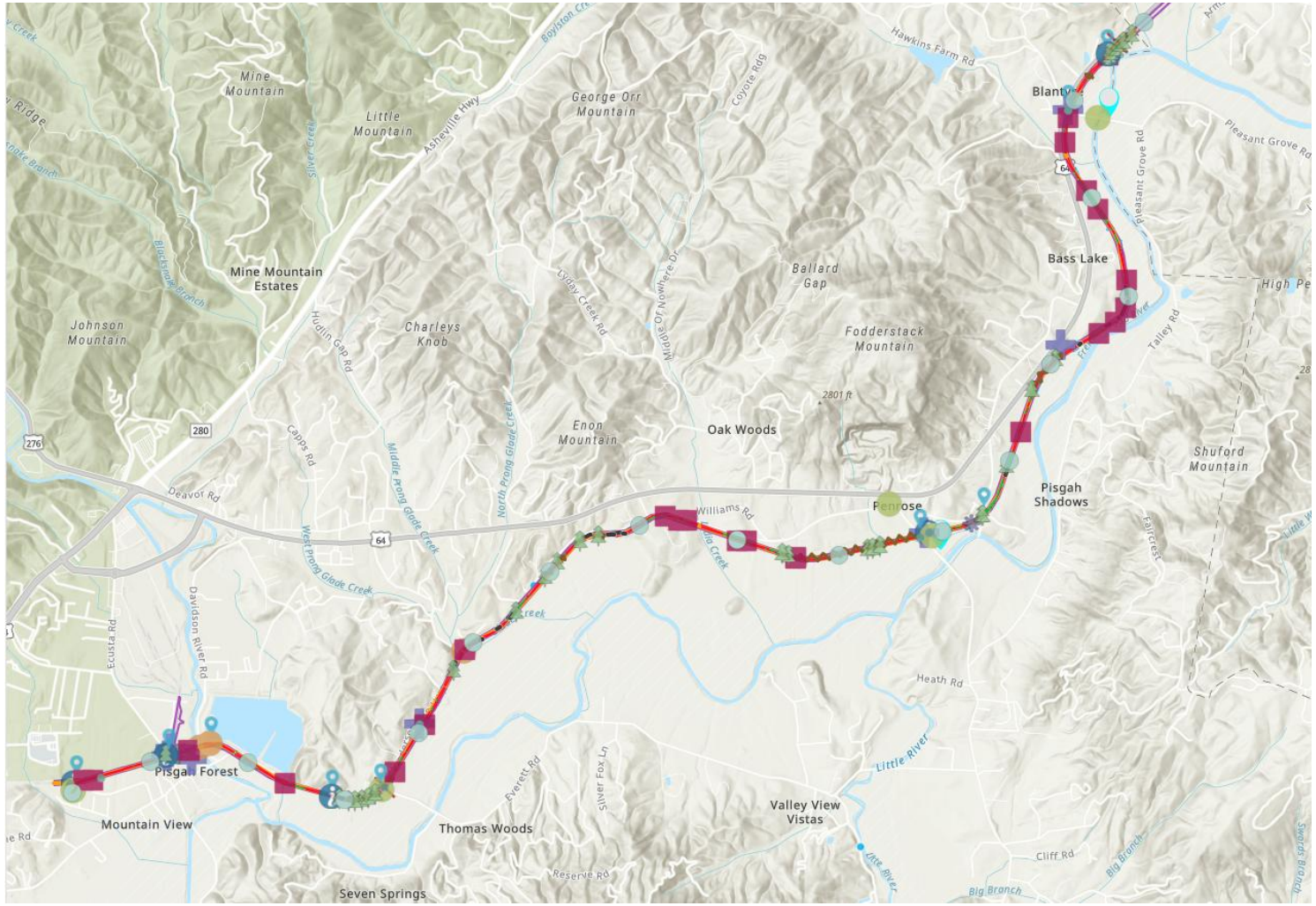


What We've Been Working On

Amenities

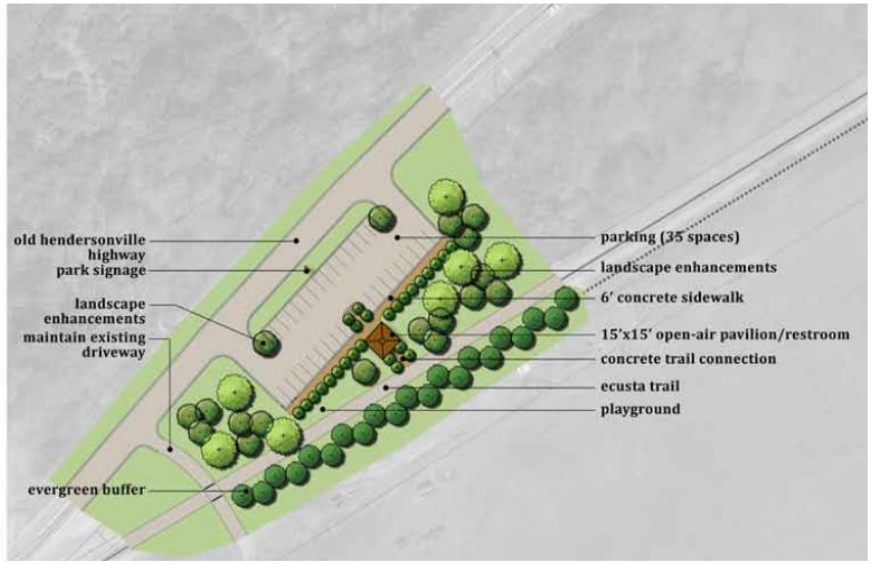
- Placement for benches (16), stations (3-4), sitting and viewing areas (5)
- Cost estimates
- Signage plan
- Trail access sites

- [LINK TO GOOGLE EARTH]



Trail Access

- Property owner open to trail access on southern portion of property
- Coordination with NCDOT driveway access (driver's sight line challenges)



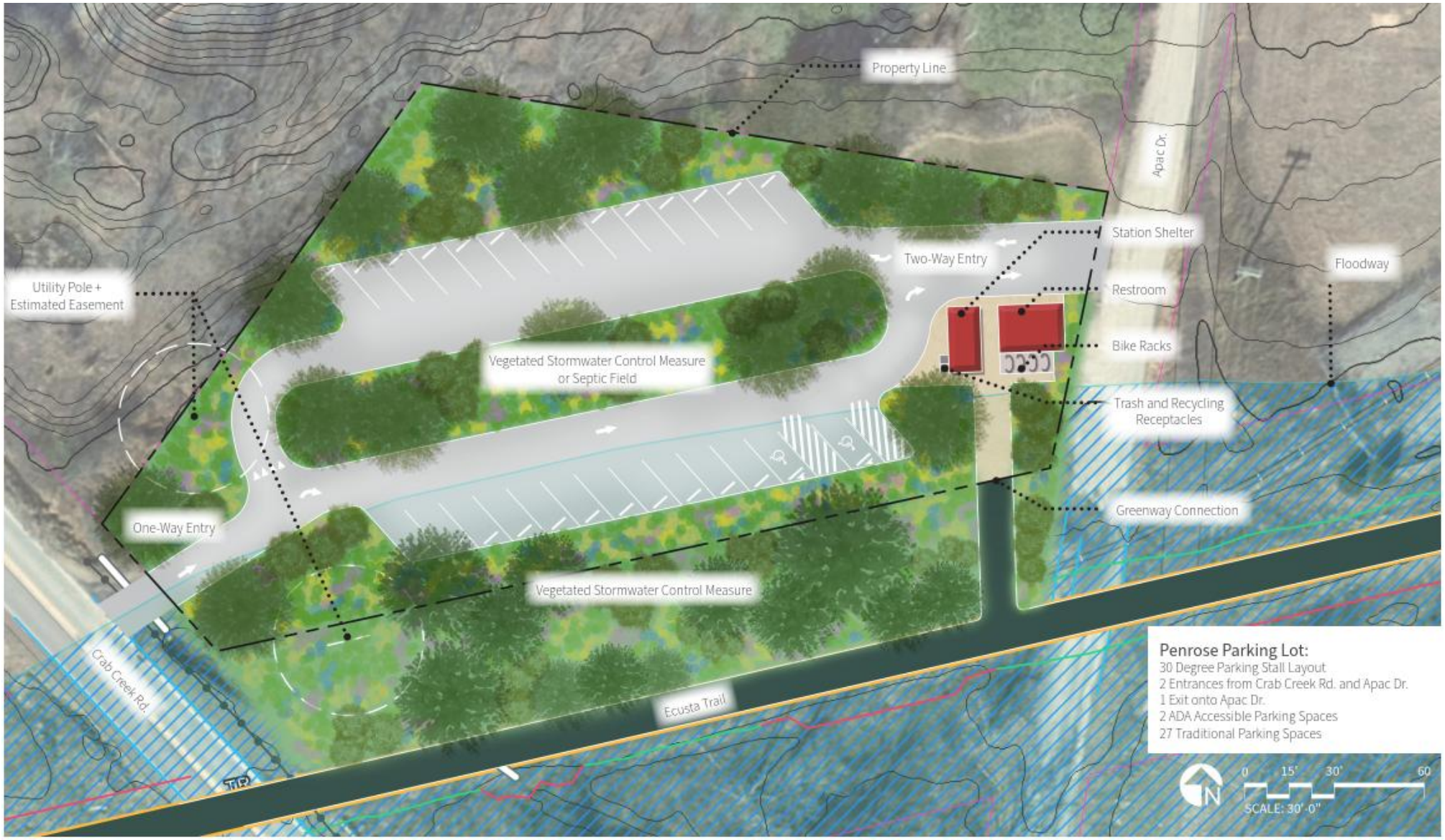
Concept from RAISE grant application



Trail Access

- Penrose: Crab Creek Rd. and Apac
- Close to French Broad River access
- Parking here will take some pressure off river access parking





Penrose Parking - Ecusta Trail Access Point

EQUINOX

Next Steps

- Structural review of custom amenities
- Coordinate quantities of amenities
- Trail access / pocket park concept plans
- Landscape plans
- Special Provisions



Thank you

McAdams