REQUEST FOR BOARD ACTION

HENDERSON COUNTY
BOARD OF COMMISSIONERS

MEETING DATE: August 7, 2023

SUBJECT: Construction Project Update

PRESENTER: Christopher Todd and Marcus Jones

ATTACHMENTS: Yes

- Ecusta Trail Update Presentation

SUMMARY OF REQUEST:

Christopher Todd and Marcus Jones will provide an update on the Rails to Trails Project.

BOARD ACTION REQUESTED:

No specific Board Action is requested; this item is for informational purposes only.

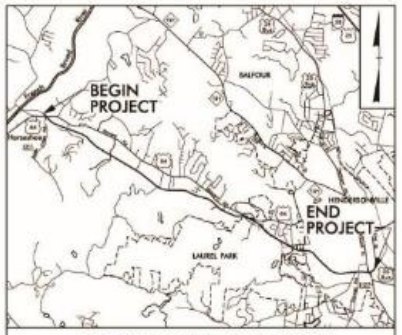
Suggested Motion:

No motion suggested.

Ecusta Trail Update

August 7th, 2023

PROJECT: ECUSTA TRAIL



VICINITY MAP (N.T.S.)

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols

HENDERSON COUNTY
ENGINEERING DEPARTMENT

HENDERSON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BL-0007	1	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
49462.1.0	1413020	P.E.
49462.3.4	1413020	CONST.

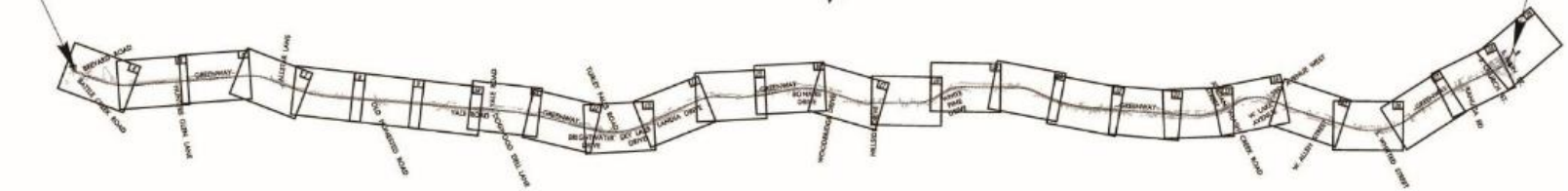
LOCATION: *US 64 NEAR HORSE SHOE TO SOUTH MAIN STREET IN HENDERSONVILLE*

TYPE OF WORK: *GRADING, PAVING, DRAINAGE AND STRUCTURES*

NAD 83/NA 2011

BEGIN PROJECT ECUSTA TRAIL –GREENWAY– STA. 10+95.00

END PROJECT ECUSTA TRAIL –GREENWAY– STA. 333+42.46



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

5 2.5 0 5 10
PROFILE (VERTICAL)

PROJECT LENGTH

ECUSTA TRAIL GREENWAY LENGTH	= 6.055 MI.
ECUSTA TRAIL BRIDGE 11 LENGTH	= 0.011 MI.
ECUSTA TRAIL BRIDGE 12 LENGTH	= 0.013 MI.
ECUSTA TRAIL BRIDGE 13 LENGTH	= 0.005 MI.
ECUSTA TRAIL BRIDGE 14 LENGTH	= 0.004 MI.
ECUSTA TRAIL BRIDGE 15 LENGTH	= 0.010 MI.
ECUSTA TRAIL BRIDGE 16 LENGTH	= 0.009 MI.
TOTAL LENGTH OF ECUSTA TRAIL PROJECT	= 6.107 MI.

JMT

Prepared In the Office of:
JOHNSON, MIRMIRAN, & THOMPSON, INC.
1318-F PATTON AVE.
ASHEVILLE NC, 28806

2018 STANDARD SPECIFICATIONS

LETTING DATE:
MAY 1, 2023

JOEL SETZER, PE
PROJECT ENGINEER

ALEX FITZPATRICK
PROJECT DESIGN ENGINEER

HENDERSON COUNTY CONTRACT:
MARCUS JONES, PE

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 041436 ENGINEER JOHN C. THOMPSON

P.E.
SIGNATURE:

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 17356 ENGINEER

P.E.
SIGNATURE:

ENGINEERING DEPARTMENT HENDERSON COUNTY

HENDERSON COUNTY

Construction Bid Timeline

July 7, 2023

Construction bid posted - must be a prequalified NCDOT bidder

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July 20, 2023

Mandatory pre-bid meeting at 100 N. King Street office

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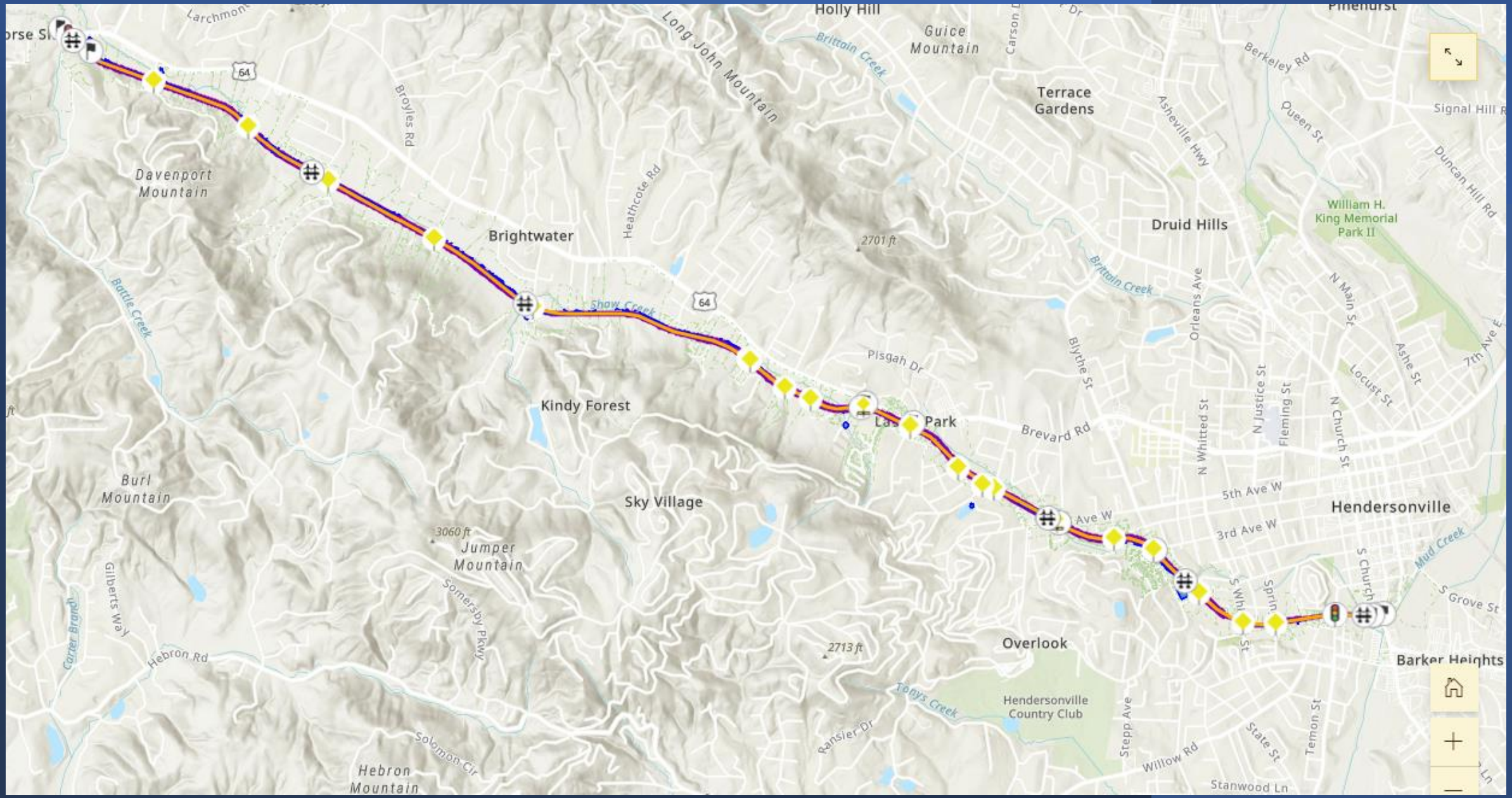
August 7, 2023

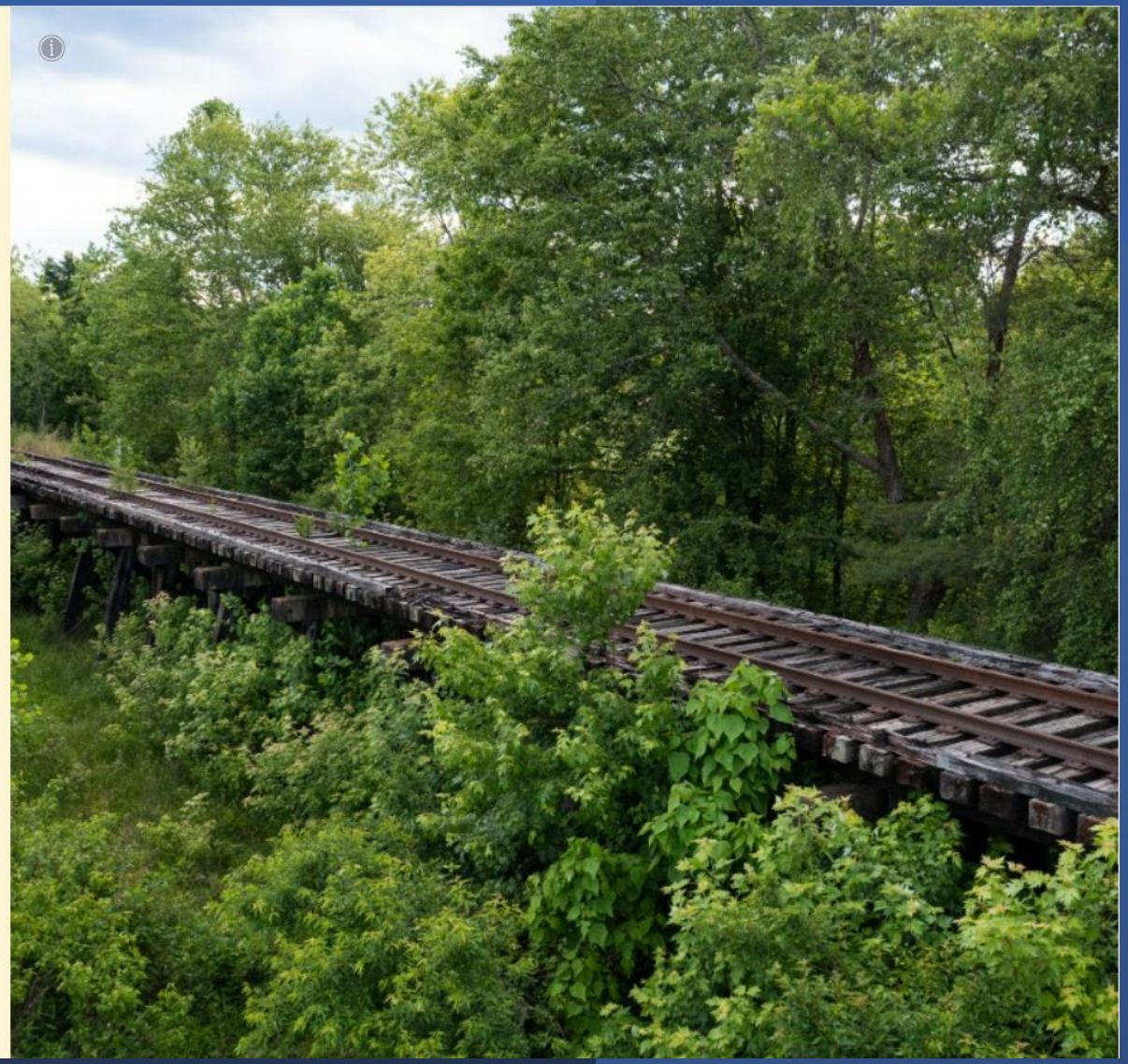
Construction bid opens - JM Teague Office in Asheville

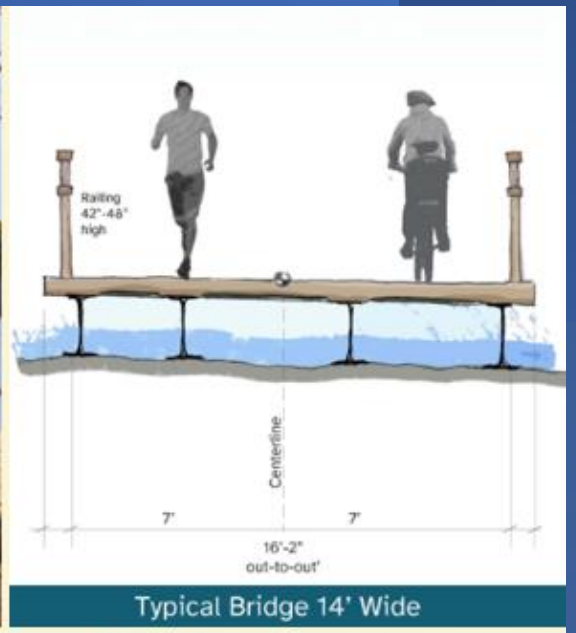

Holly Hill
Guice Mountain
Long John Mountain
Brittain Creek
Terrace Gardens
Asheville Hwy
Berkeley Rd
Queen St
Signal Hill R
Duncan Hill Rd
Pinehurst
Larchmont
64
Broyles Rd
Davenport Mountain
Brightwater
Heathcote Rd
2701 ft
Druid Hills
William H. King Memorial Park II
Battle Creek
Show Creek
Pisgah Dr
Blythe St
Orleans Ave
N Main St
Ashe St
7th Ave E
Locust St
N Church St
Fleming St
N Justice St
N Whitted St
Brevard Rd
Park
Kindy Forest
Burl Mountain
Sky Village
5th Ave W
3rd Ave W
Hendersonville
3060 ft
Jumper Mountain
Mud Creek
S Church St
S Grove St
Gilberts Way
Somersby Pkwy
Carter Branch
Hebron Rd
2713 ft
Overlook
Barker Heights
Tonys Creek
Hendersonville Country Club
Ransier Dr
Stepp Ave
Willow Rd
State St
Temon St
Stanwood Ln
Solomon Cir
Hebron Mountain

Phase I - Ecusta Trail Final Design

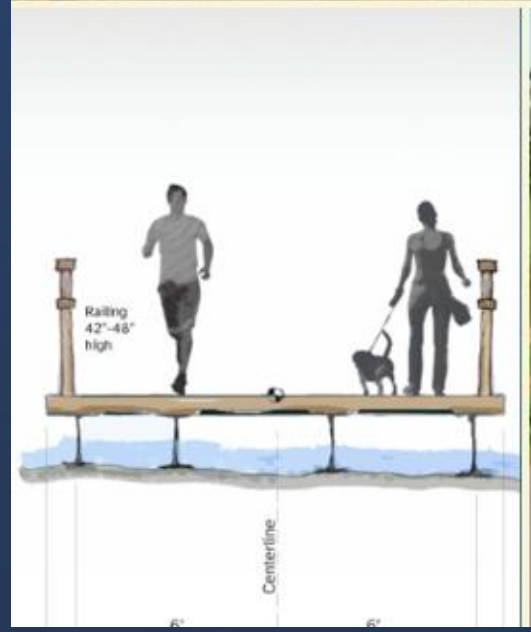
Exciting news! The Final Design of Phase I is now complete. Keep scrolling to learn more about this ongoing project.

Henderson County Planning Department

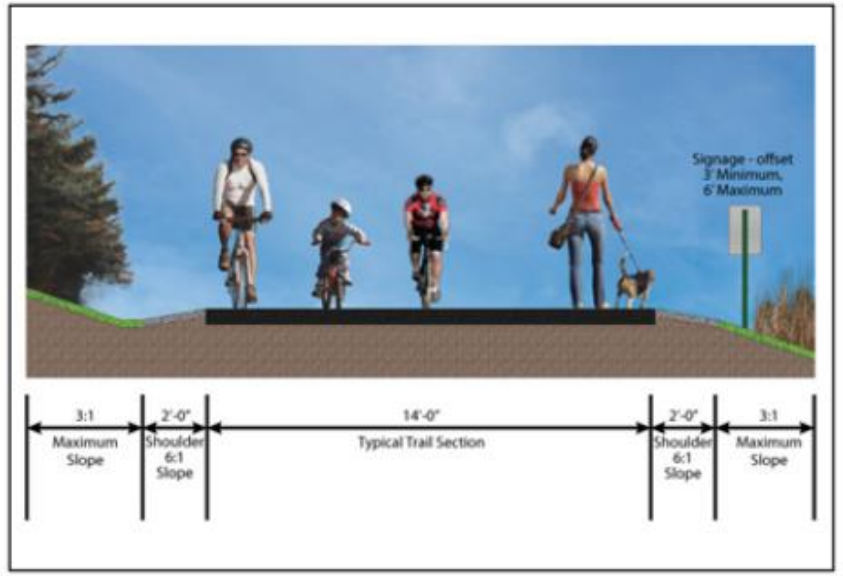


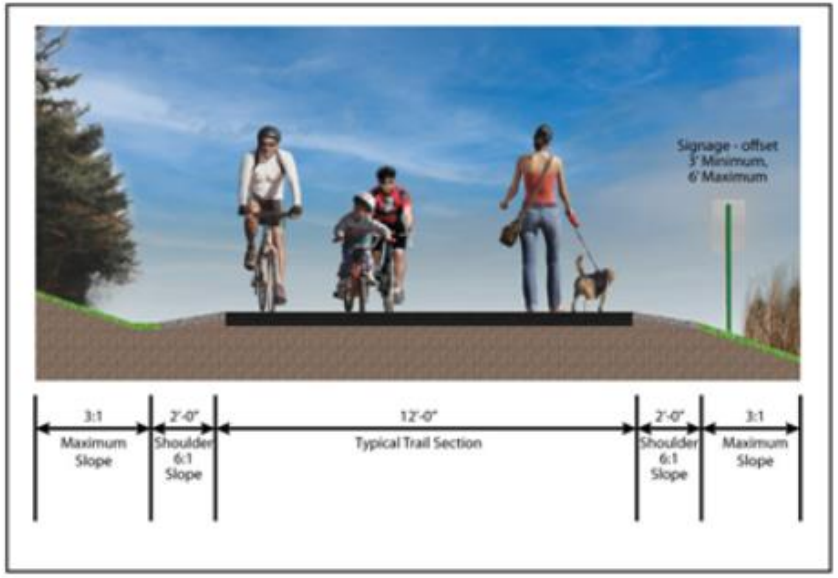


Typical Bridge 14' Wide



12 FEET
14 FEET
ECUSTA TRAIL
CHANGES
WIDTH NEAR
WHITE PINE DRIVE
LEGEND


Signage - offset
3' Minimum,
6' Maximum
3:1
Maximum
Slope
2'-0"
Shoulder
6:1
Slope
14'-0"
Typical Trail Section
2'-0"
Shoulder
6:1
Slope
3:1
Maximum
Slope

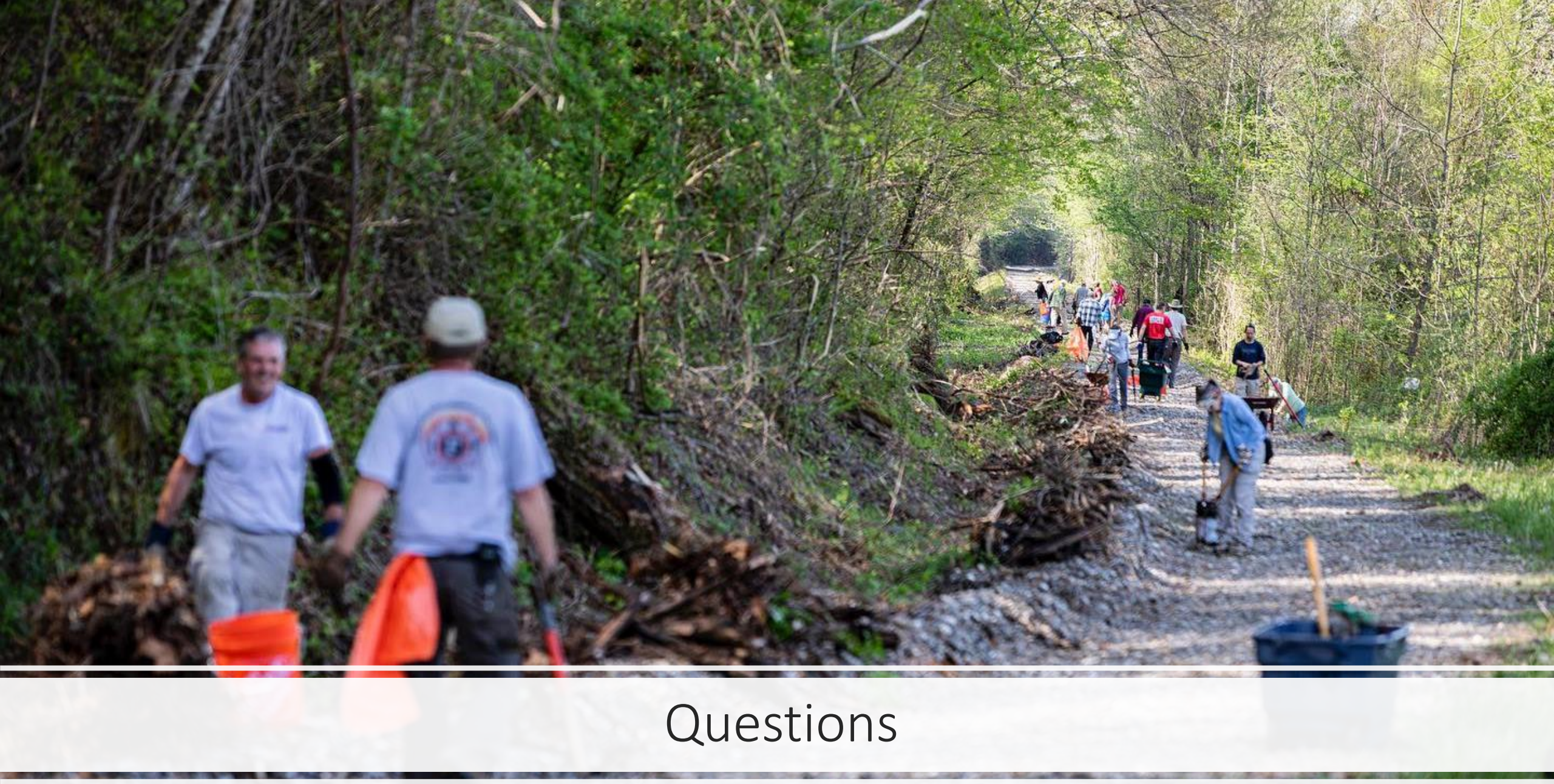

Signage - offset
3' Minimum,
6' Maximum
3:1
Maximum
Slope
2'-0"
Shoulder
6:1
Slope
12'-0"
Typical Trail Section
2'-0"
Shoulder
6:1
Slope
3:1
Maximum
Slope

Ecusta Grants Overiew

- Grants Received:
  - 2020 – **STBG** (Surface Transportation Block Grant) awarded through FBRMPO for engineering and construction of the first six miles of trail for $5,075,219
  - 2022 – FOET awarded $600,000 from the **state of NC**. Money had to be spent by June 30, 2023 and was applied to the Phase I engineering for HC
  - 2022 – **STBG** awarded for construction of the final HC portion (US 64 to the county line) for $10,467,234
  - 2023 – Additional **STBG** awarded to HC for the first six miles based on project cost in the amount of $2,708,974

Ecusta Grants Overview

- RAISE & NSFLTP Grant Awards:
  - 2023 – **RAISE** grant awarded for PE and construction of the Ecusta Trail from Hendersonville to Brevard in the amount of $24.5 Million.
  - 2023 – **NFSLTP** grant awarded for construction of the Ecusta Trail from Hendersonville to Brevard for $21.4 Million



Questions