**VILLAGE OF MARVIN**

10004 New Town Road | Marvin, NC | 28173 | Tel: (704) 843-1680 | Fax: (704) 843-1660 | www.marvinnc.org

# PARKS, RECREATION & GREENWAY BOARD

April 7, 2020 – 9 a.m. – Village Hall (Virtual Meeting)

**MEETING MINUTES**

## AGENDA ITEM

**1. Call to Order**

Chair Wortman called the meeting to order at 9:05 a.m.

**2. Determine Quorum**

Chair Wortman noted the meeting was being held electronically and verified a quorum was present virtually.

**Present Virtually:** Andy Wortman, John Baresich, Kristyna Culp, Bob Nunnenkamp and Mayor Pro Tem Vandenberg as Council Liaison

**Absent:** None

**Staff Present Virtually:**

Derek Durst, Barbie Blackwell, and Rohit Ammanamanchi (attending in-person)

**Adoption of the Agenda**

**MOTION:** John Baresich made a motion to adopt the agenda as presented.
**VOTE:** The motion passed unanimously.

**4. Public Comment Period**

There were no public comments.

## PARK MANAGERS UPDATE

No report was given

## UNFINISHED BUSINESS ITEMS

**TIME STAMP: 2:08**

**1. Discussion of Destination by Design recommendations for the PR&G Park & Greenway Master Plan**

Mr. Ammanamanchi introduced the consultant Tim Johnson with Destination by Design, which is a Planning, Engineering and Communication Firm that will be updating the PR&G Park & Greenway Master Plan.

Mr. Johnson presented a presentation on the areas that PR&G Board members would be asked to review and make any recommended revisions. *(See attached presentation is hereby incorporated as reference into the minutes.)*

Board Members discussed these areas in depth:

- Existing trail classifications and types
- Proposed trail classifications and types

- DRAFT revised greenway route map
- Proposed segments, names, and trail types
- Prioritization

Mr. Johnson noted he will make the recommended revisions and present a final draft to PR&G Board for review at their meeting on June 2 and presented to Council at their regular meeting on June 9.

## NEW BUSINESS ITEMS

## AGENDA ITEMS

**1. Review of Action Items**

- Mr. Ammanamanchi will research the 3-acre parcel at Henry Nesbit and Waxhaw-Marvin Road section C-14 from the trail map.
- Mr. Ammanamanchi will research the easement for C-17 proposed Cedar Farms type 4 with option to upgrade.
- Mr. Ammanamanchi will get information of prioritization of trails from Capital Improvement Plan.
-

**2. Board Comments**

There were no Board comments.

## ADJOURNMENT

**MOTION:** John Baresich made a motion to adjourn the PR&G Board Meeting at 11:04 am and seconded by Bob Nunnenkamp.
**VOTE:** The motion passed unanimously.

*Adopted:* 6/2/2020

John Baresich
*John Baresich, Chairman*

Barbara R. Blackwell
*Barbara R. Blackwell, NCCMC*
*Clerk, Village of Marvin*

VILLAGE OF MARVIN
SEAL
N. C.

# VILLAGE OF MARVIN GREENWAY PLAN UPDATE

## PRG Board Meeting
## April 7, 2020

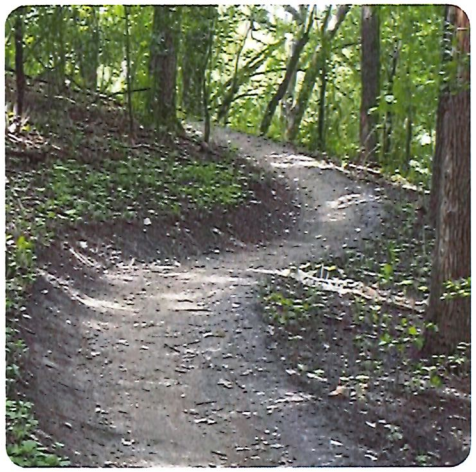
DESTINATION BY DESIGN

PLANNING ENGINEERING COMMUNICATIONS

Tim Johnson
Senior Planner

# Agenda

I. Existing trail classifications and types
II. Proposed trail classifications and types
III. DRAFT revised greenway route map
IV. Proposed segments, names, and trail types
V. Prioritization



# Trail Classifications – 2008 Master Plan

1. **Primary Trails – Class I**

- Primary circulation routes
- Connect major destinations
- Located away from vehicular circulation

**Specifications**

- Width: 12 feet
- Surface: Asphalt, Concrete, or Crushed Stone
- ADA Accessible

# Trail Classifications – 2008 Master Plan

## 2. Shared Use Trails within Right of Way (ROW) – Class II

- Primary circulation routes or connectors
- Connect major destinations
- Located adjacent to the roadway

**Specifications**

- Width: 10 - 12 feet
- Surface: Asphalt, Concrete, or Crushed Stone
- ADA Accessible

# Trail Classifications – 2008 Master Plan

## 3. Secondary Trails – Class III

- Secondary circulation routes
- Located away from vehicular circulation

### Specifications

- Width: 8-10 feet wide
- Surface: Asphalt, Concrete, or Crushed Stone
- ADA Accessible

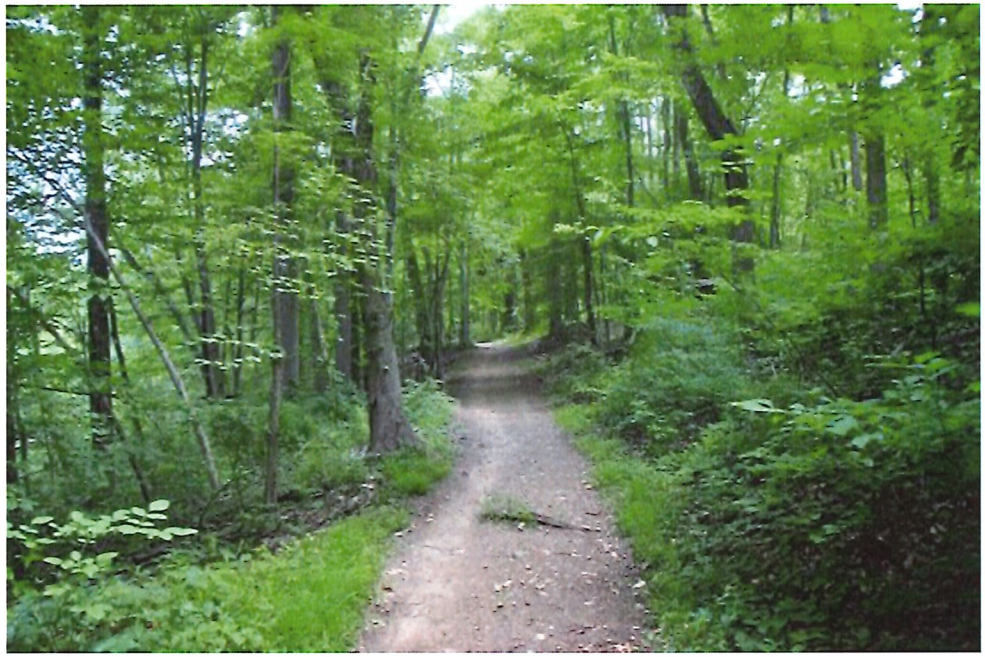
# Trail Classifications – 2008 Master Plan

## 4. Special Use Trails– Class IV

- Tertiary circulation system
- Located away from vehicular circulation

### Specifications

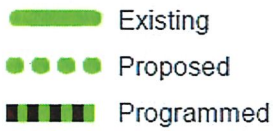
- Width: minimum 6 feet wide
- Surface: Natural/unpaved



# Proposed Trail Classifications

## 1. Spine - S

- Primary circulation routes
- Connects major destinations



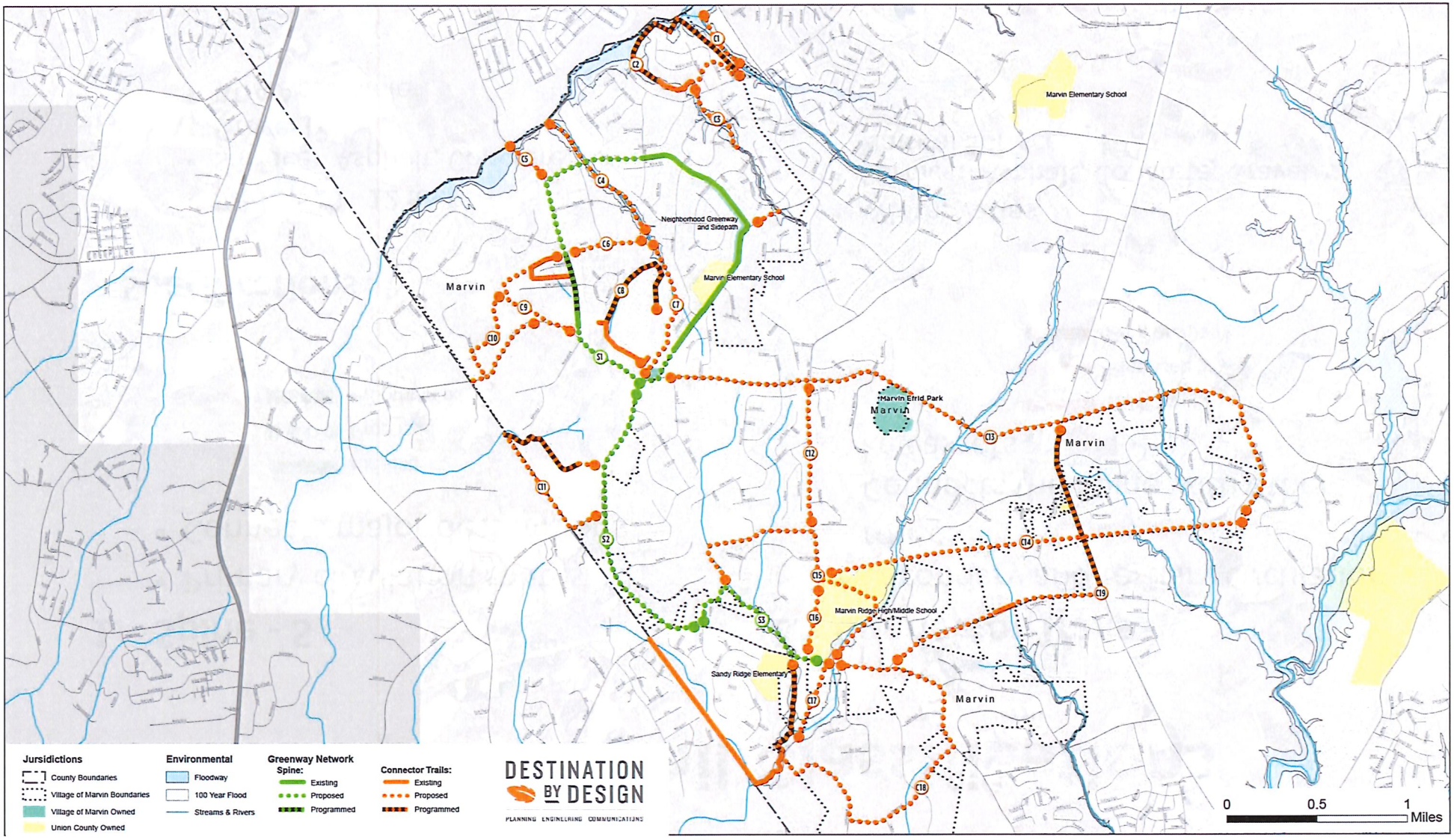

### Specifications

- Width: 10 - 12 feet
- Surface: Asphalt, Concrete, or Gravel (?)
- ADA Accessible

## 2. Connector Trails - C

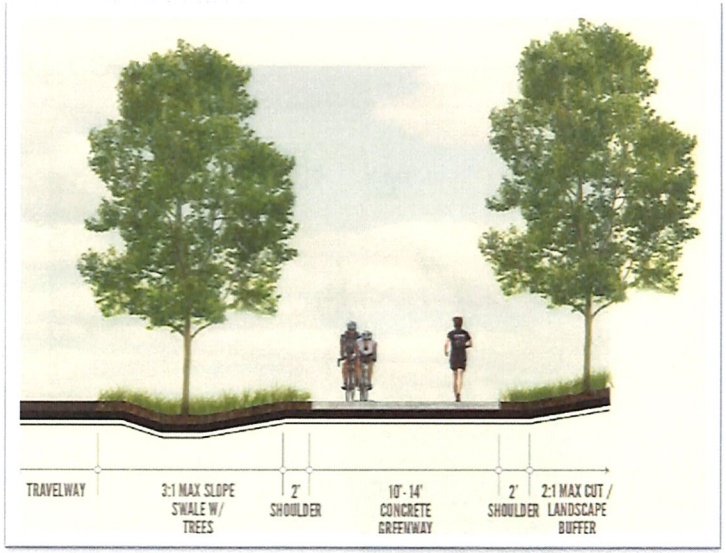
- Secondary and tertiary circulation routes
- Connects the Spine with other key assets

- Width: Varies
- Surface: Asphalt, Concrete, Gravel, or Natural Surface


Marvin Elementary School
Neighborhood Greenway and Sidepath
Marvin Elementary School
Marvin
Marvin Efrid Park
Marvin
Marvin
Marvin Ridge High/Middle School
Sandy Ridge Elementary
Marvin
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
S1
S2
S3
Jursidictions
County Boundaries
Village of Marvin Boundaries
Village of Marvin Owned
Union County Owned
Environmental
Floodway
100 Year Flood
Streams & Rivers
Greenway Network
Spine:
Existing
Proposed
Programmed
Connector Trails:
Existing
Proposed
Programmed
DESTINATION BY DESIGN
PLANNING ENGINEERING COMMUNICATIONS
0
0.5
1
Miles

# Proposed Trail Types

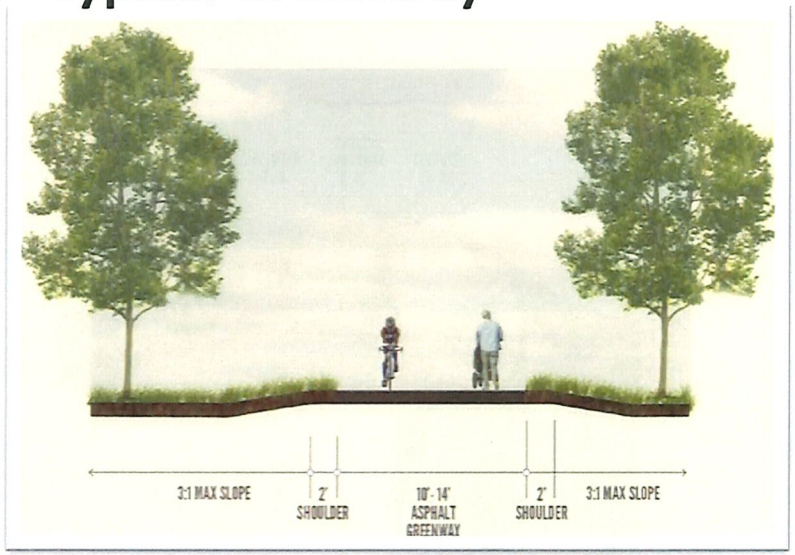
## 1. DOT Side Path




### Specifications

- Typical Location: Within or near NCDOT ROW behind grass swale or curb and gutter
- Surface: Concrete or Asphalt
- Preferred Width: 10-12 feet
- Minimum Easement Width: 25 feet or within ROW
- Average Construction Cost: $200/linear foot

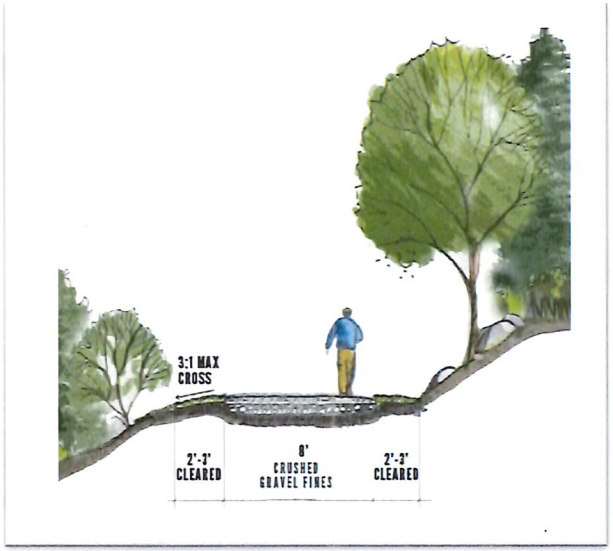
## 2. Typical Greenway




- Surface: Asphalt
- Preferred Width: 10-12 feet
- Minimum Easement Width: 20 feet
- Average Construction Cost: $200/linear foot

# Proposed Trail Types

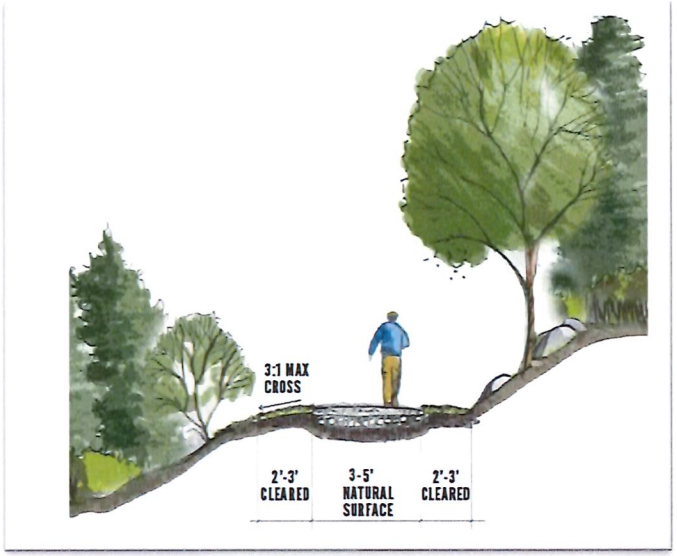
## 3. Rural Path



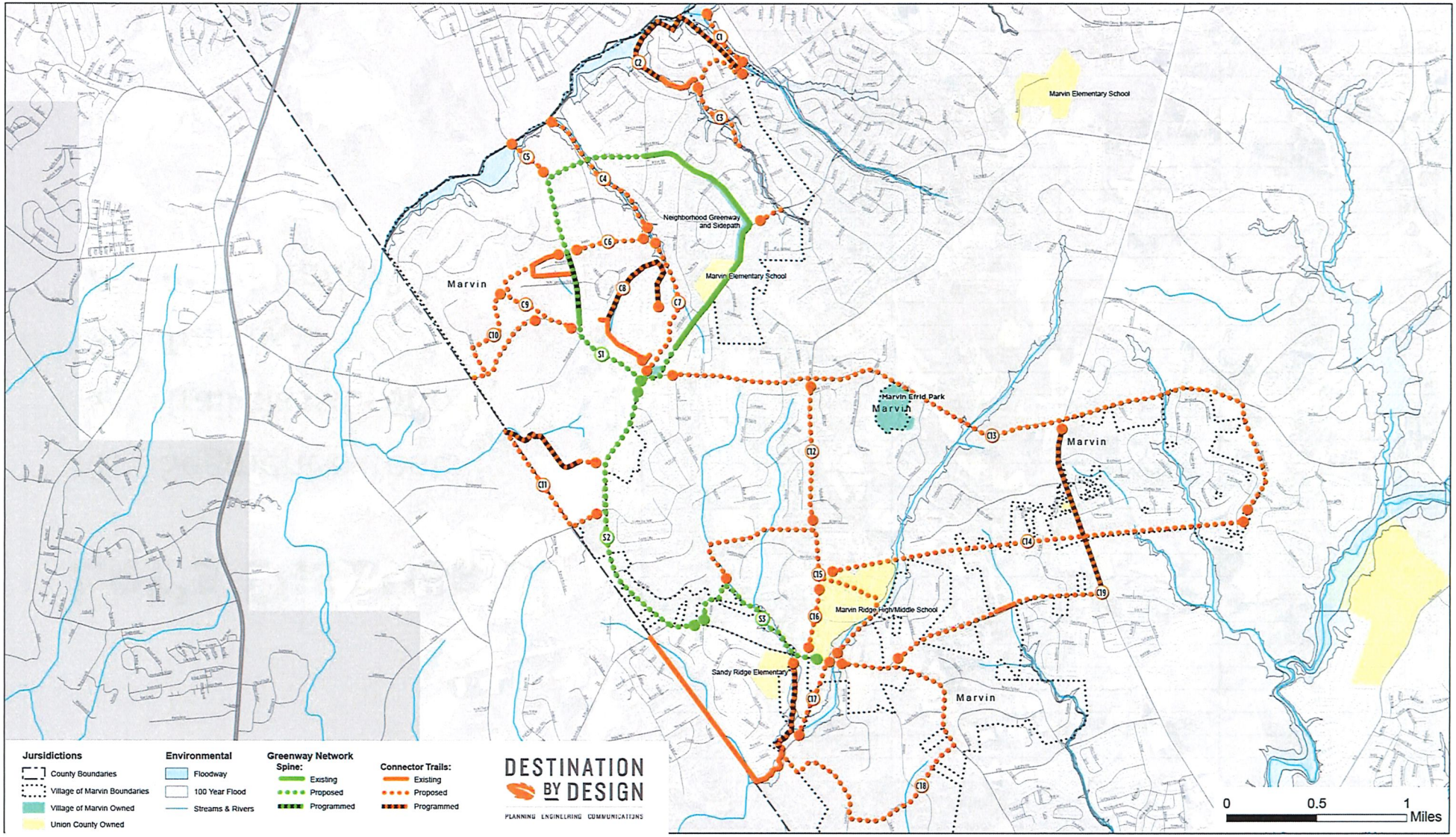

### Specifications

- Surface: Gravel
- Preferred Width: 6-8 feet
- Minimum Easement Width: 10 feet
- Average Construction Cost: $80/linear foot

## 4. Natural Surface Trail



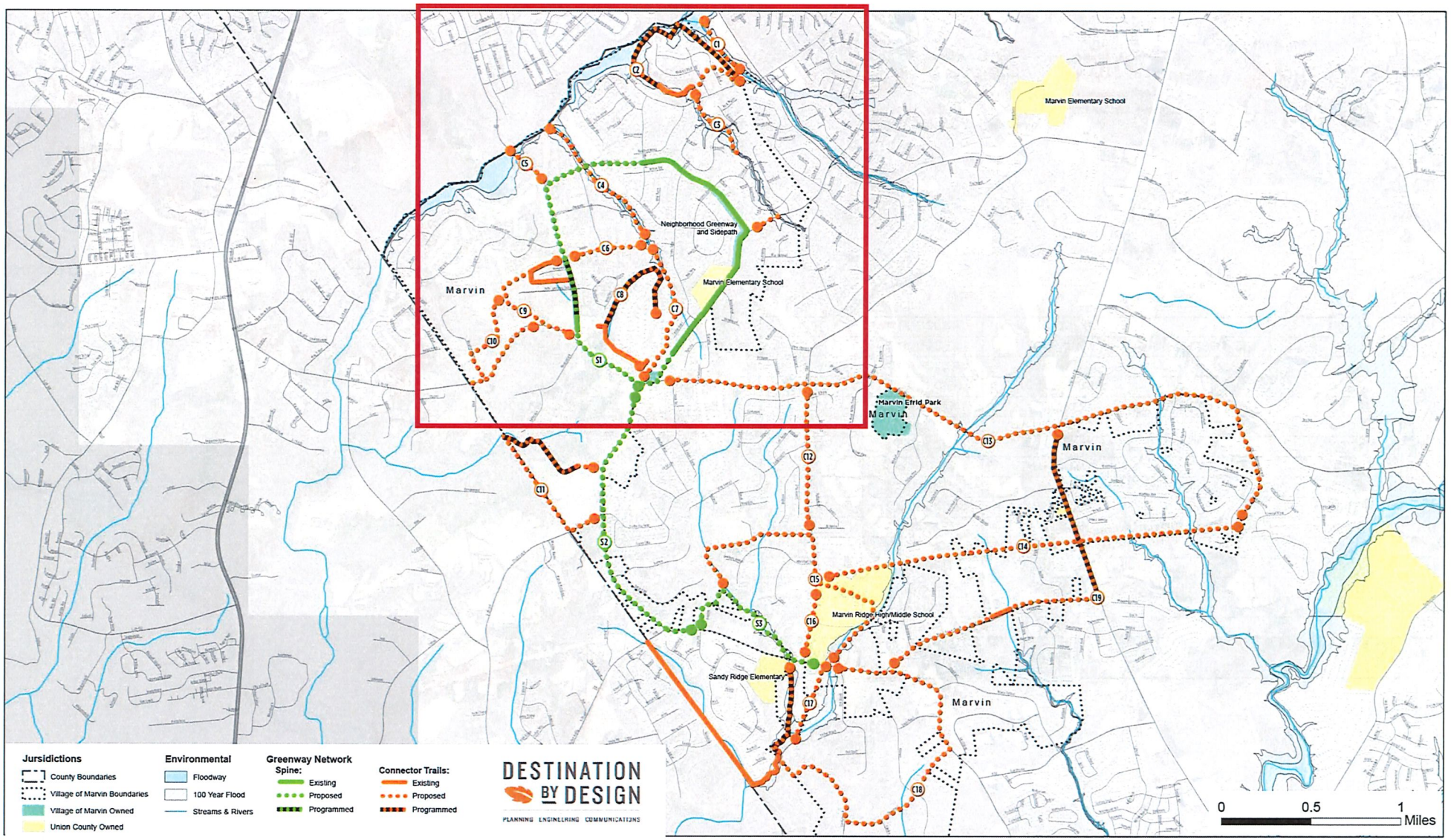

- Surface: Native Soil
- Preferred Width: 4-6 feet
- Minimum Easement Width: 10 feet
- Average Construction Cost: $25/linear foot

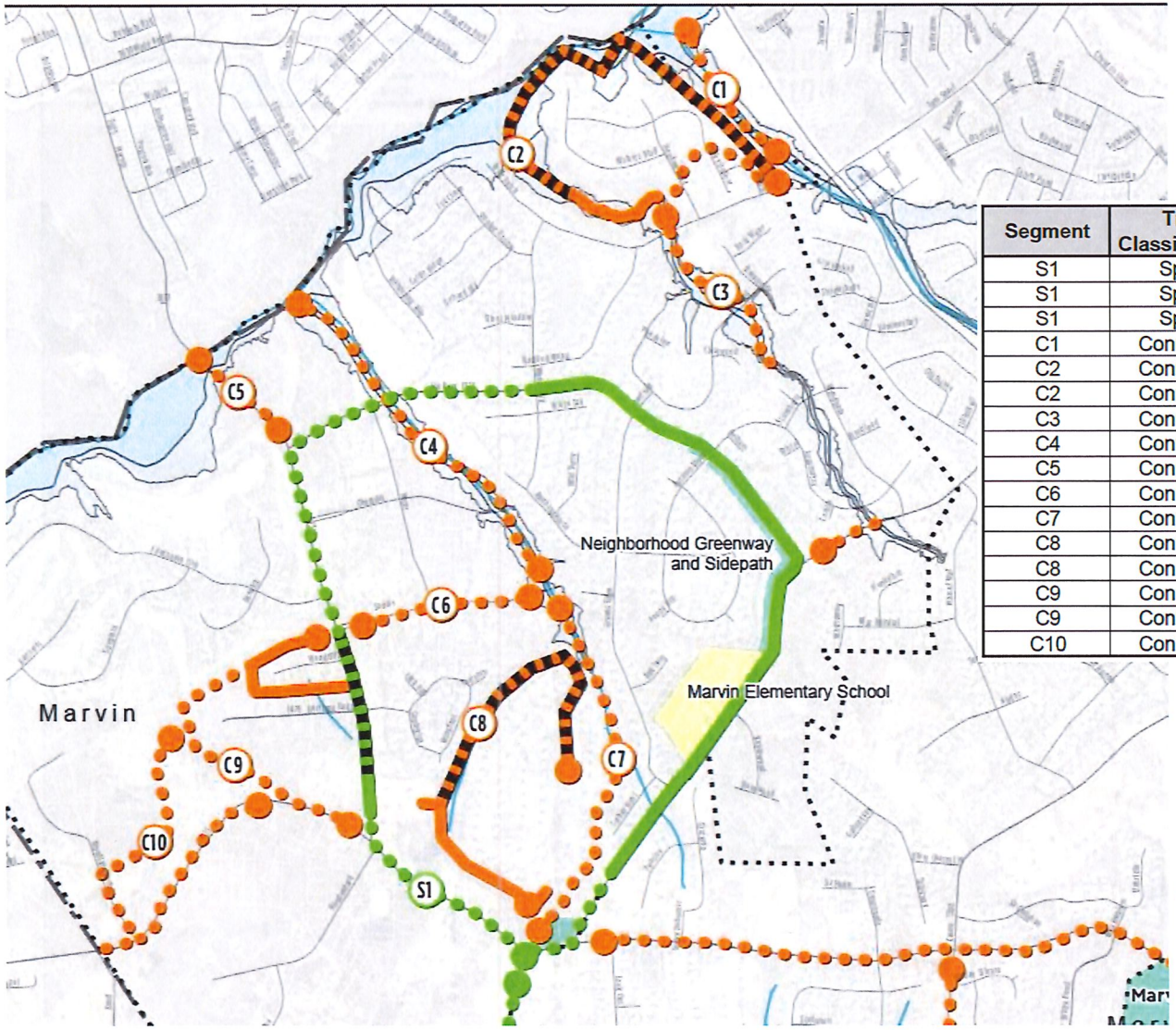

Marvin Elementary School
Neighborhood Greenway and Sidepath
Marvin Elementary School
Marvin
Marvin Efrid Park
Marvin
Marvin
Marvin Ridge High/Middle School
Sandy Ridge Elementary
Marvin
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
S1
S2
S3
Jursidictions
County Boundaries
Village of Marvin Boundaries
Village of Marvin Owned
Union County Owned
Environmental
Floodway
100 Year Flood
Streams & Rivers
Greenway Network
Spine:
Existing
Proposed
Programmed
Connector Trails:
Existing
Proposed
Programmed
DESTINATION BY DESIGN
PLANNING ENGINEERING COMMUNICATIONS
0
0.5
1
Miles

# Let's Discuss ...

1. Segment extents
2. Trail classification
3. Trail type
4. Prioritization

| Segment | Trail Classification | Status | Trail Type | Length_FT | Length_MI |
|---|---|---|---|---|---|
| S1 | Spine | Programmed | | 5842 | 1.11 |
| S1 | Spine | Proposed | | 5211 | 0.99 |
| S1 | Spine | Existing | Shared Use Path | 8640 | 1.64 |
| S2 | Spine | Proposed | | 10700 | 2.03 |
| S3 | Spine | Proposed | | 4840 | 0.92 |
| C1 | Connector | Proposed | | 2337 | 0.44 |
| C2 | Connector | Programmed | | 5424 | 1.03 |
| C2 | Connector | Existing | Shared Use Path | 1200 | 0.23 |
| C3 | Connector | Proposed | | 5520 | 1.05 |
| C4 | Connector | Proposed | | 4888 | 0.93 |
| C5 | Connector | Proposed | | 1508 | 0.29 |
| C6 | Connector | Proposed | | 2521 | 0.48 |
| C7 | Connector | Proposed | | 4758 | 0.90 |
| C8 | Connector | Existing | Shared Use Path | 2411 | 0.46 |
| C8 | Connector | Programmed | | 3997 | 0.76 |
| C9 | Connector | Proposed | | 3819 | 0.72 |
| C9 | Connector | Existing | Shared Use Path | 2581 | 0.49 |
| C10 | Connector | Proposed | | 6277 | 1.19 |
| C11 | Connector | Programmed | | 2894 | 0.55 |
| C11 | Connector | Proposed | | 5129 | 0.97 |
| C12 | Connector | Proposed | | 4454 | 0.84 |
| C13 | Connector | Proposed | | 25903 | 4.91 |
| C14 | Connector | Proposed | | 12501 | 2.37 |
| C15 | Connector | Proposed | | 6541 | 1.24 |
| C16 | Connector | Proposed | | 2423 | 0.46 |
| C17 | Connector | Proposed | | 2726 | 0.52 |
| C18 | Connector | Programmed | | 3182 | 0.60 |
| C18 | Connector | Proposed | | 12658 | 2.40 |
| C19 | Connector | Existing | Shared Use Path | 577 | 0.11 |
| C19 | Connector | Proposed | | 6169 | 1.17 |
| C19 | Connector | Programmed | | 5418 | 1.03 |
| | | | | | |
| | | | TOTAL | 173049 | 32.77 |


Marvin Elementary School
Neighborhood Greenway and Sidepath
Marvin Elementary School
Marvin
Marvin Efrid Park
Marvin
Marvin
Marvin Ridge High/Middle School
Sandy Ridge Elementary
Marvin
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
S1
S2
S3
Jursidictions
County Boundaries
Village of Marvin Boundaries
Village of Marvin Owned
Union County Owned
Environmental
Floodway
100 Year Flood
Streams & Rivers
Greenway Network
Spine:
Existing
Proposed
Programmed
Connector Trails:
Existing
Proposed
Programmed
DESTINATION BY DESIGN
PLANNING ENGINEERING COMMUNICATIONS
0
0.5
1
Miles



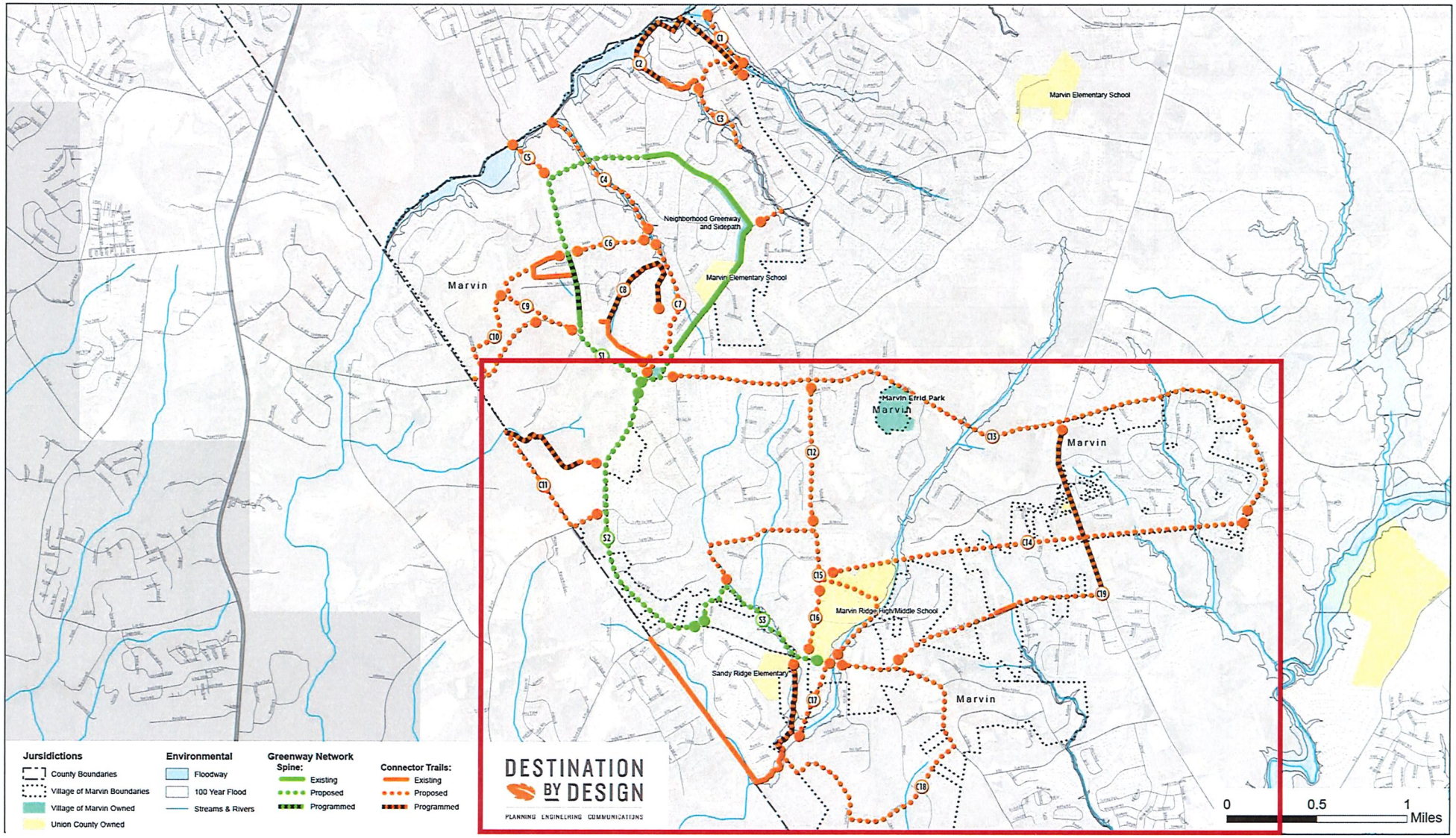

| Segment | Trail Classification | Status | Trail Type | Length_FT | Length_MI |
|---|---|---|---|---|---|
| S1 | Spine | Programmed | | 5842 | 1.11 |
| S1 | Spine | Proposed | | 5211 | 0.99 |
| S1 | Spine | Existing | Shared Use Path | 8640 | 1.64 |
| C1 | Connector | Proposed | | 2337 | 0.44 |
| C2 | Connector | Programmed | | 5424 | 1.03 |
| C2 | Connector | Existing | Shared Use Path | 1200 | 0.23 |
| C3 | Connector | Proposed | | 5520 | 1.05 |
| C4 | Connector | Proposed | | 4888 | 0.93 |
| C5 | Connector | Proposed | | 1508 | 0.29 |
| C6 | Connector | Proposed | | 2521 | 0.48 |
| C7 | Connector | Proposed | | 4758 | 0.90 |
| C8 | Connector | Existing | Shared Use Path | 2411 | 0.46 |
| C8 | Connector | Programmed | | 3997 | 0.76 |
| C9 | Connector | Proposed | | 3819 | 0.72 |
| C9 | Connector | Existing | Shared Use Path | 2581 | 0.49 |
| C10 | Connector | Proposed | | 6277 | 1.19 |

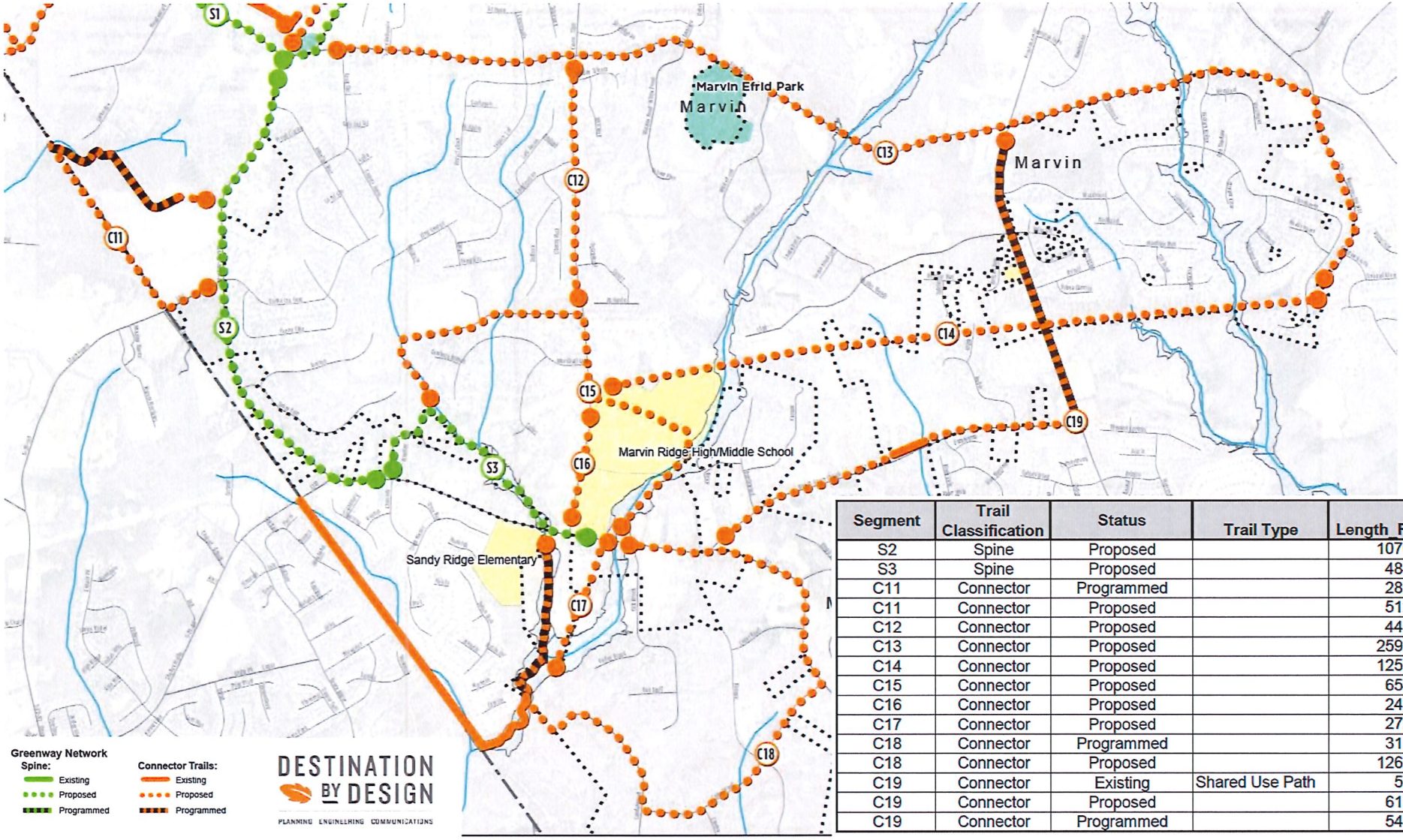
**Greenway Network**

**Spine:**
- Existing
- Proposed
- Programmed

**Connector Trails:**
- Existing
- Proposed
- Programmed

DESTINATION BY DESIGN
PLANNING ENGINEERING COMMUNICATIONS


Marvin Elementary School
Neighborhood Greenway and Sidepath
Marvin Elementary School
Marvin
Marvin Efrid Park
Marvin
Marvin
Marvin Ridge High/Middle School
Sandy Ridge Elementary
Marvin
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
S1
S2
S3
Jursidictions
County Boundaries
Village of Marvin Boundaries
Village of Marvin Owned
Union County Owned
Environmental
Floodway
100 Year Flood
Streams & Rivers
Greenway Network
Spine:
Existing
Proposed
Programmed
Connector Trails:
Existing
Proposed
Programmed
DESTINATION BY DESIGN
PLANNING ENGINEERING COMMUNICATIONS
0
0.5
1
Miles




| Segment | Trail Classification | Status | Trail Type | Length_FT | Length_MI |
|---|---|---|---|---|---|
| S2 | Spine | Proposed | | 10700 | 2.03 |
| S3 | Spine | Proposed | | 4840 | 0.92 |
| C11 | Connector | Programmed | | 2894 | 0.55 |
| C11 | Connector | Proposed | | 5129 | 0.97 |
| C12 | Connector | Proposed | | 4454 | 0.84 |
| C13 | Connector | Proposed | | 25903 | 4.91 |
| C14 | Connector | Proposed | | 12501 | 2.37 |
| C15 | Connector | Proposed | | 6541 | 1.24 |
| C16 | Connector | Proposed | | 2423 | 0.46 |
| C17 | Connector | Proposed | | 2726 | 0.52 |
| C18 | Connector | Programmed | | 3182 | 0.60 |
| C18 | Connector | Proposed | | 12658 | 2.40 |
| C19 | Connector | Existing | Shared Use Path | 577 | 0.11 |
| C19 | Connector | Proposed | | 6169 | 1.17 |
| C19 | Connector | Programmed | | 5418 | 1.03 |