

RETHINK FOLLY ROAD

A COMPLETE STREETS STUDY

Steering Committee Meeting
James Island Town Hall
1122 Dills Bluff Road, James Island, SC

Meeting Minutes
September 26, 2018
3:30PM – 4:30PM

- I. **Welcome**
- II. **Public Comment**
- III. **Previous Meeting Minutes – Action Item**
Meeting Minutes Approved Unanimously (9 of 9)
- IV. **Transportation Development Update – Discussion Item – Reveer Group**
Rhett Reidenbach Presentation & Recommendation to the committee (attached)
Alternate #2 recommended by Reveer Group
Discussion
 - Bike Path Strategy Needed (delineators or wider bike path)
 - 800k left over from strategy 2 could possibly go to construction of delineators
 - Cost of underground transmission approximately 10k to move a pole and approximately 50k to put it under ground
 - SCDOT in process of revising their guidelines – AASHTO
 - ROW would take approximately 9-12 months
 - any additional left over money should go to cyclist safety
 - street trees and permeable areas are desired
 - 5' side walk with 3' strip would be better than alt 2
 - reducing drive lanes, adding trees, and poles underground
 - possibility of using hospitality tax for street trees
 - Reveer will design a 5th alternative (similar to Alt 3 but 5' sidewalk instead of 12') – Committee Approved the design of the 5th alternative
- V. **RFR Program Manager RFP – Discussion Item – RFR Subcommittee**
 - Motion to approve putting the RFTP out
 - Recommendation to defer (courtesy to County Council)
 - Motion was then made to defer til next month (approved unanimously 8-1)
 - Proxy from Charleston County Needed; Contact with Mr Rawl regarding funding
- VI. **Adjournment**



FOLLY ROAD MULTI-USE PATH

Ellis Creek to Prescott Street

CONTENTS

- Review
- Alternatives
- Challenges
- Areas of Interest
- Decision Matrix
- Recommendation



REVIEW

SEGMENT OPTIONS

Section	Roads	Length	Cost of Sidewalk Completion	Cost of Shared-Use Path
1	Ellis Creek to Prescott Street	6,800'	\$ 2.3M	\$ 5.3M
2	Prescott Street to George L. Griffith Boulevard	1,800'	\$ 1.0M	\$ 2.2M
3	George L. Griffith Blvd to Grimball/Fort Johnson Road	2,050'	----	\$ 1.6M
4	Grimball/Fort Johnson Road to Rafeal Lane	3,600'	----	\$ 2.5M
5	Rafeal Lane to Sol Legare Road	8,800'	\$ 2.3M	\$ 4.3M
Total		23,050'	\$ 9.7M	\$ 15.9M

WHAT WE'VE DONE

- Grant application for funding
- Defined first priority
- Completed existing condition survey
- Developed alternatives

FUNDING

\$2.675M
TOTAL AVAILABLE FUNDS

\$ 9.450M
TOTAL TARGETED + AVAILABLE FUNDS

SEGMENT 1

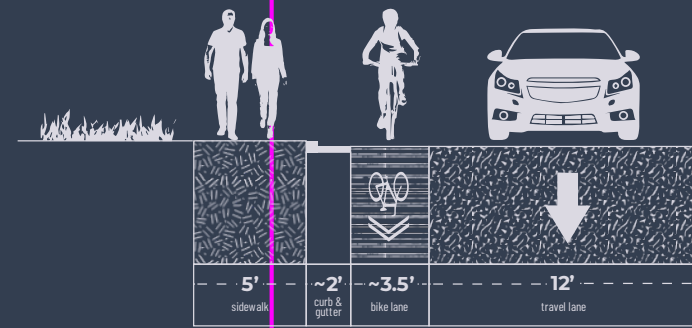
MOST
traffic accidents
(2015-2017)

MOST
business
density

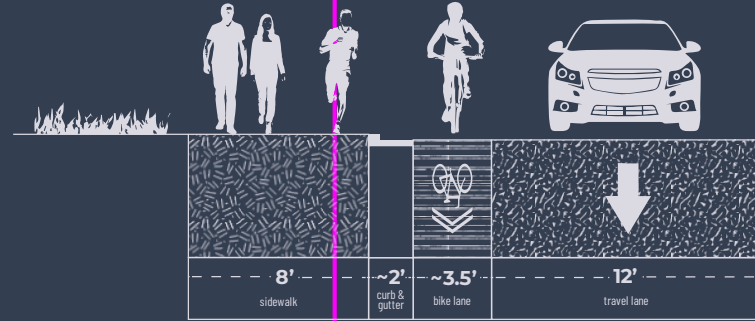
2nd
household
density

2nd
population
density

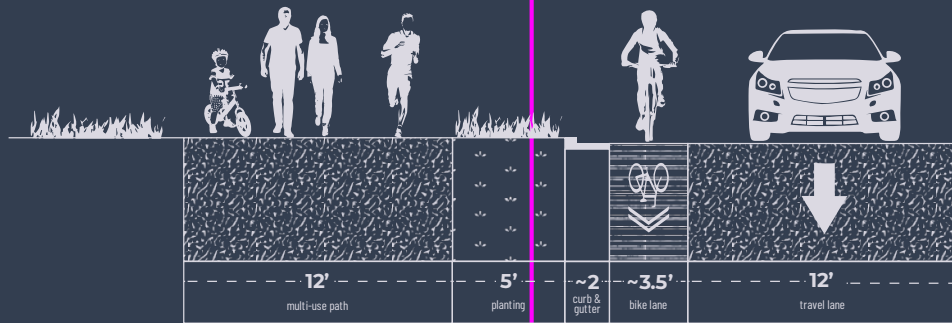
ALTERNATIVES



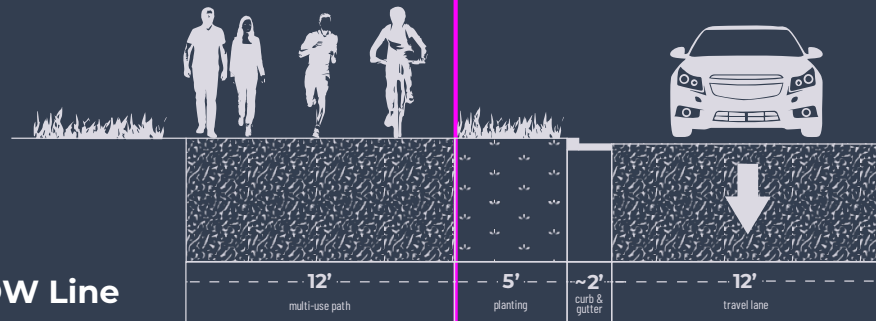
ALT 1
5' Sidewalk



ALT 2
8' Sidewalk



ALT 3
Multi-Use Path
+ Bike Lane



ALT 4
Multi-Use Path,
No Bike Lane

— ROW Line

A photograph of a construction site on a road. In the foreground, there are several orange and white striped traffic barrels. A concrete curb runs across the middle ground. In the background, a white truck is driving on the road, and other vehicles are visible. The scene is overlaid with a semi-transparent blue filter.

CHALLENGES

RIGHT-OF-WAY



- Before 1962 Folly Road was two lanes with a 50' ROW, then SCDOT expanded to a ~70' ROW
- Generally 35' feet along the west side of Folly Road
 - 32.5' pavement
 - 1.5' curb & gutter
- Approximate cost of ROW purchase = \$40/sq ft

UTILITIES/STORMWATER



- Utility poles are a major challenge along the corridor for each alternative
- There will not be a significant impact on below ground utilities
- Telephone pedestals, gas monuments, backflow preventers would need to be relocated
- Existing site drainage would be impacted for 3 businesses
- Eliminating existing bike lane requires upgrades to Folly Road drainage system

MONUMENTS/SIGNAGE



- Most businesses along Folly Road have signs that are typically at ROW edge
- Signs are expensive and difficult to relocate
- Relocation Costs:
 - Monuments signs: \$10,000
 - Post signs: \$5,900
 - Traffic signs: \$500

SEGMENT 1

Ellis Creek to Prescott Street

Areas of Interest



SEGMENT 1

Ellis Creek to Prescott Street

Doctor's Care





5' Sidewalk

Doctor's Care



Existing Conditions



5' Sidewalk

ALT
2

8' Sidewalk

Doctor's Care



Existing Conditions



8' Sidewalk

ALT
3

Multi-Use Path + Bike Lane

Doctor's Care



Existing Conditions



Multi-Use Path + Bike Lane



Multi-Use Path, No Bike Lane

Doctor's Care



Existing Conditions



Multi-Use Path, No Bike Lane

SEGMENT 1

Ellis Creek to Prescott Street

Live Oak Tree





5' Sidewalk

Live Oak Tree



Existing Conditions



5' Sidewalk

ALT
2

8' Sidewalk

Live Oak Tree



Existing Conditions



8' Sidewalk

ALT
3

Multi-Use Path + Bike Lane

Live Oak Tree



Existing Conditions



Multi-Use Path + Bike Lane



Multi-Use Path, No Bike Lane

Live Oak Tree



Existing Conditions



Multi-Use Path, No Bike Lane

SEGMENT 1

Ellis Creek to Prescott Street

Roadside Seafood





5' Sidewalk

Roadside Seafood



Existing Conditions



5' Sidewalk

ALT
2

8' Sidewalk

Roadside Seafood



Existing Conditions



8' Sidewalk

ALT
3

Multi-Use Path + Bike Lane

Roadside Seafood



Existing Conditions



Multi-Use Path + Bike Lane



Multi-Use Path, No Bike Lane

Roadside Seafood



Existing Conditions



Multi-Use Path, No Bike Lane

SEGMENT 1

Ellis Creek to Prescott Street

Sumter's Landing





5' Sidewalk

Sumter's Landing



Existing Conditions



5' Sidewalk

ALT
2

8' Sidewalk

Sumter's Landing



Existing Conditions



8' Sidewalk

ALT
3

Multi-Use Path + Bike Lane

Sumter's Landing



Existing Conditions



Multi-Use Path + Bike Lane



Multi-Use Path, No Bike Lane

Sumter's Landing



Existing Conditions

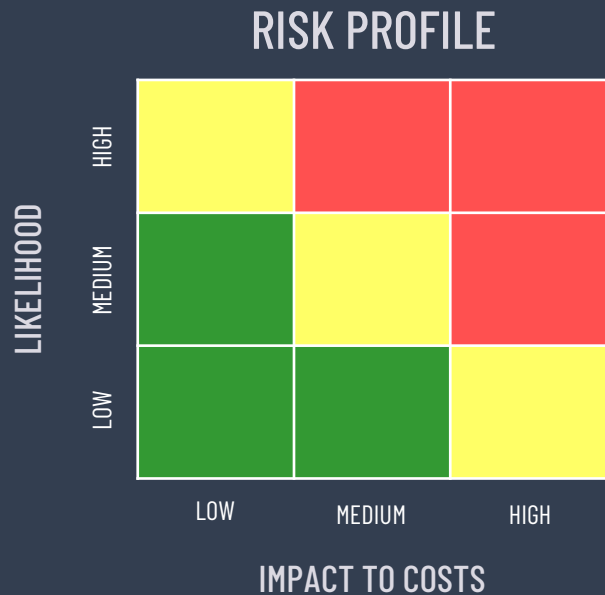


Multi-Use Path, No Bike Lane

DECISION MATRIX

SEGMENT 1

Ellis Creek to Prescott Street



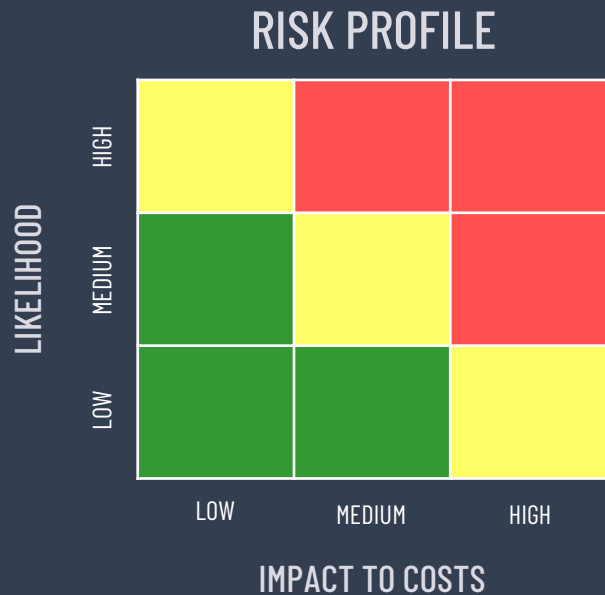
CHALLENGE

		ROW	UTILITIES/ STORMWATER	MONUMENTS/ SIGNAGE	COST ESTIMATE
ALT 1	5' Sidewalk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ALT 2	8' Sidewalk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ALT 3	Multi-Use Path + Bike Lane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ALT 4	Multi-Use Path No Bike Lane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DECISION MATRIX

SEGMENT 1

Ellis Creek to Prescott Street



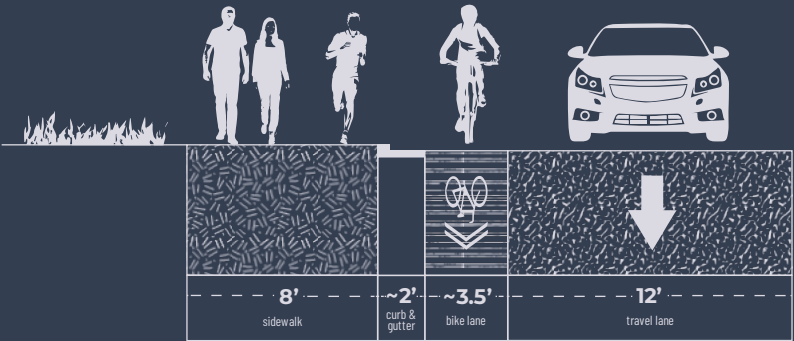
CHALLENGE

		ROW	UTILITIES/ STORMWATER	MONUMENTS/ SIGNAGE	COST ESTIMATE
ALT 1	5' Sidewalk				\$ 978,162
ALT 2	8' Sidewalk				\$ 1,425,196
ALT 3	Multi-Use Path + Bike Lane				\$ 3,294,520
ALT 4	Multi-Use Path No Bike Lane				\$ 4,006,201

RECOMMENDATION

ALT
2

8' Sidewalk





**REVEER
GROUP**

engineering • design • innovation