



# Fontaine Avenue Streetscape Improvements

PLACE Meeting #2

July 18, 2019

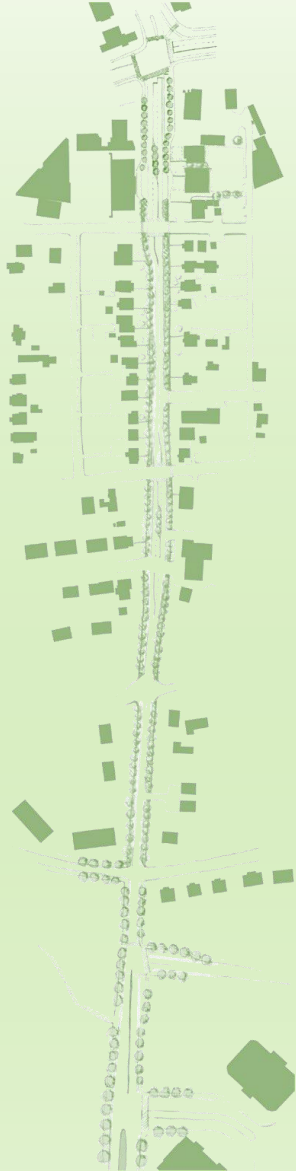


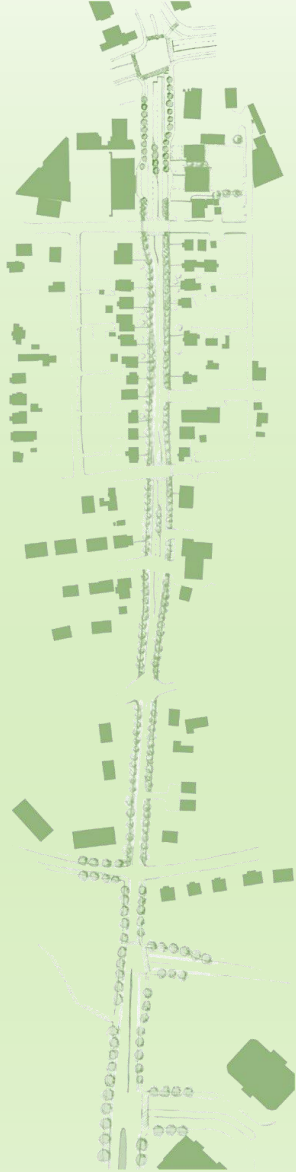
*In Conjunction  
With*

**TOOLE**  
DESIGN

# Agenda

- Project Overview
- Meeting Updates
- Speed Data
- Public Workshop #2 Recap
- Preliminary Concepts and Design Development
- Next Steps
- Adjourn

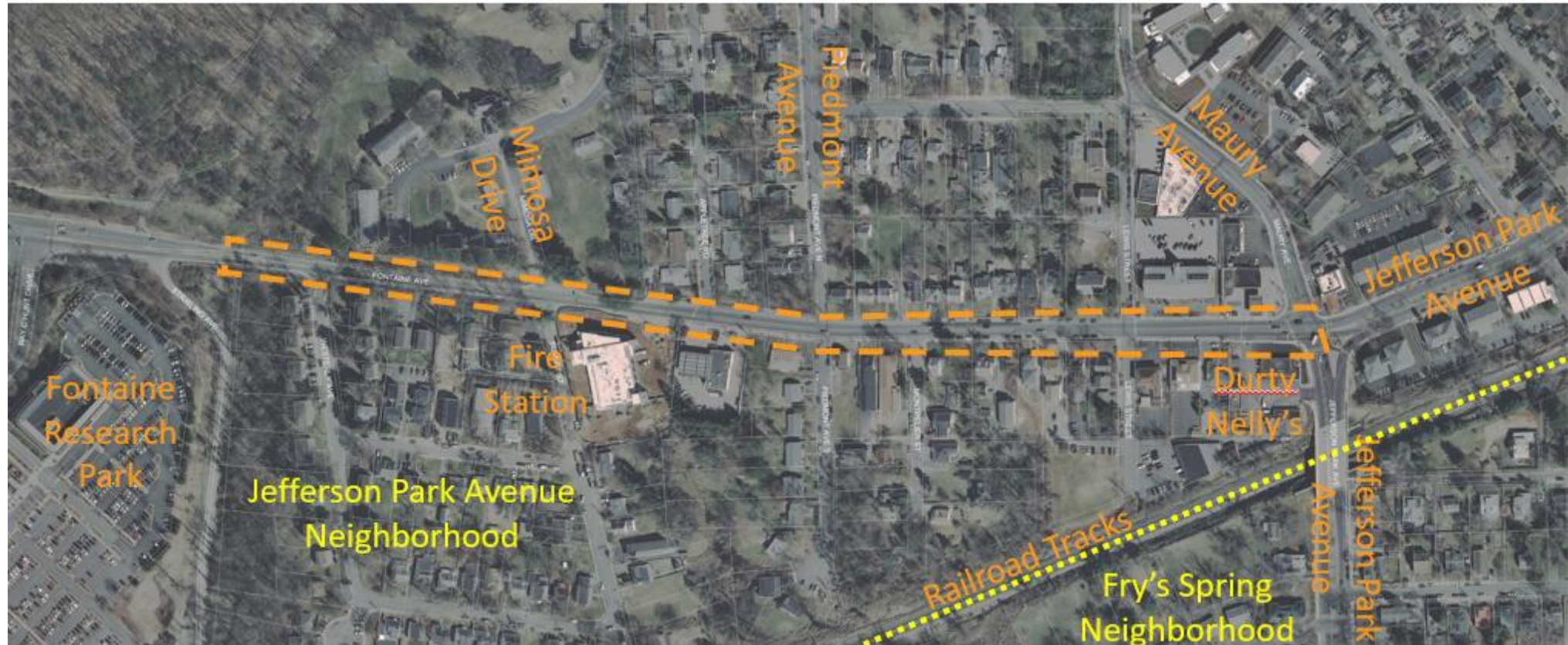




# Project Overview

# Project Area

- Project Area as defined by the project SMARTSCALE application





# Project Budget

- PE (Survey, Environmental, Design)= \$1,200,000
- RW (Right of Way and Easement Acquisition, Utility Relocation) = \$3,700,000
- CN (Construction, Oversight, Inspection, Contingencies) = \$6,800,000

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- TOTAL PROPOSED PROJECT FUNDING = \$11,700,000
  
- Project Is Fully Funded Through Smartscale (HB2)



# Initial Project Schedule

Fall 2018 –  
Spring 2019

## CONCEPTUAL DEVELOPMENT

- Data Collection
- Traffic Analysis
- Alternative Concepts

Spring 2019  
- Fall 2019

## PRELIMINARY DESIGN

- Refine Concepts
- Prepare 30% Plans
- Agency Review

Fall 2019 –  
Winter 2020

## DESIGN DEVELOPMENT

- Prepare 60% Plans
- Incorporate Feedback

Winter 2019  
– Winter  
2020

## RIGHT OF WAY AND UTILITIES

- Request Right of Way Authorization
- Utility Relocations
- Easements

Winter 2020  
– Fall 2021

## FINAL DESIGN

- Prepare 100% Plans
- Coordinate Bid Package
- Final Agency Review
- Request Authorization for Construction

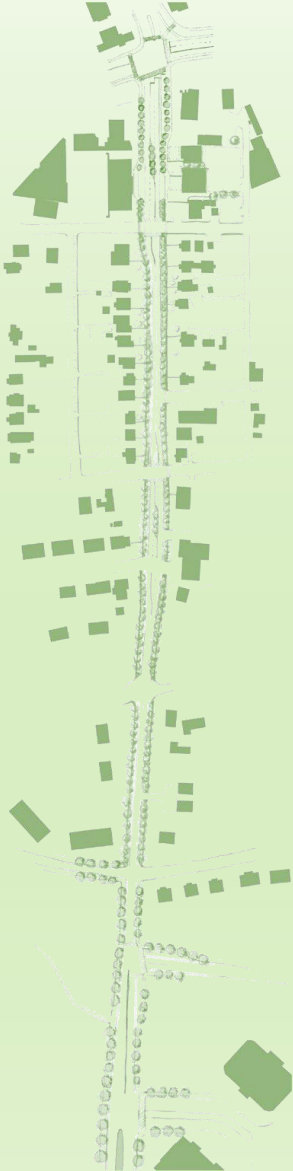
Fall 2021

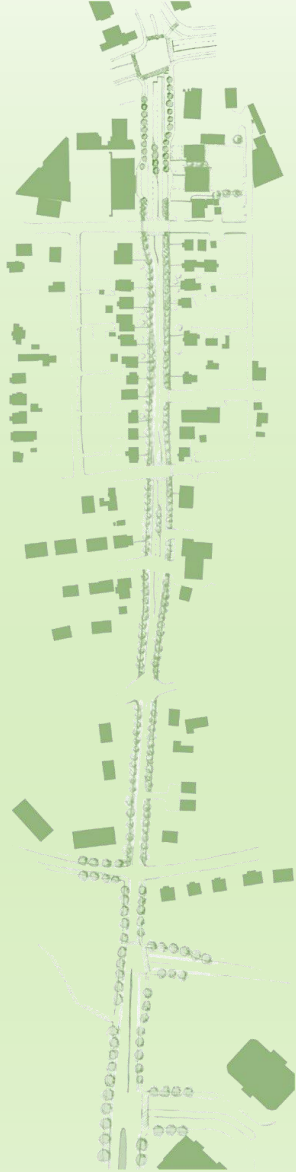
## ADVERTISEMENT AND BIDDING

- Advertise for Contractor
- Complete Bidding Process
- Prepare Contract
- Award Contract

Winter 2021

## CONSTRUCTION PHASE

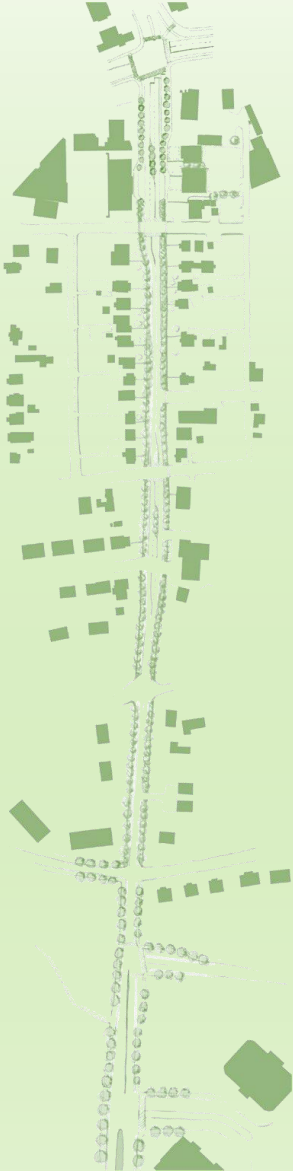




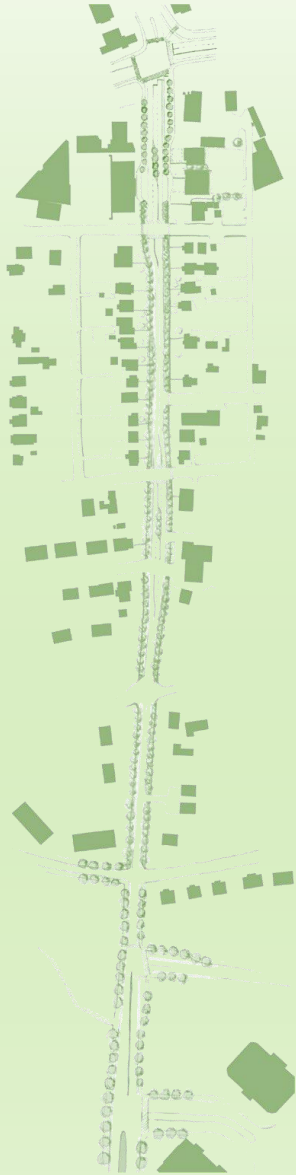
# Meeting Updates

# Meeting Updates (Since PLACE Meeting #1)

- 3/14/19 - PLACE Task Force Meeting #1
- 3/25/19 - Steering Committee Meeting #3
- 4/18/19 - Public Open House #2
- 6/21/19 – Technical Committee Meeting #2
- **7/11/19 – PLACE Task Force Meeting #2**
- 7/23/19 – Planning Commission Work Session



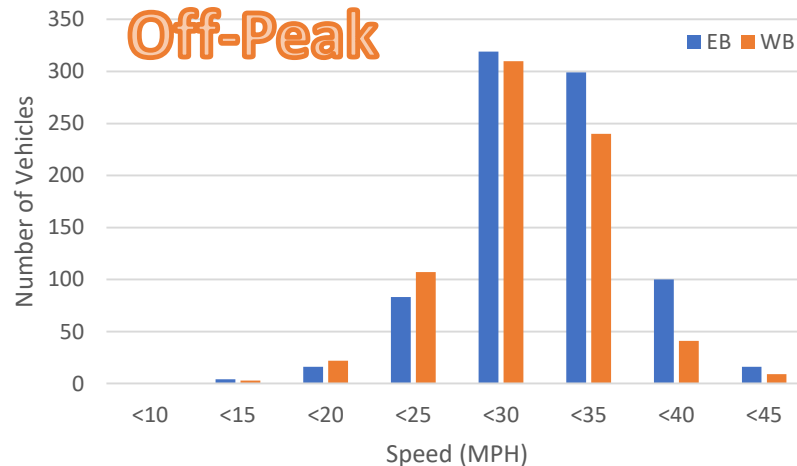
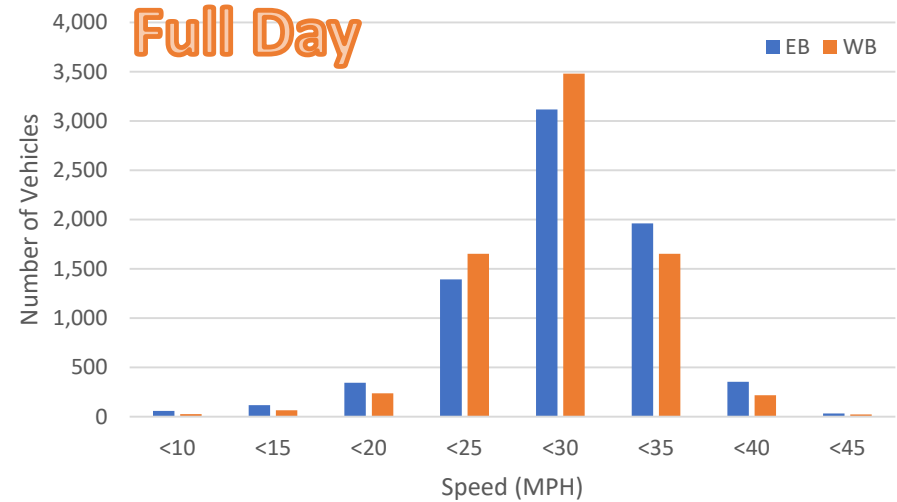


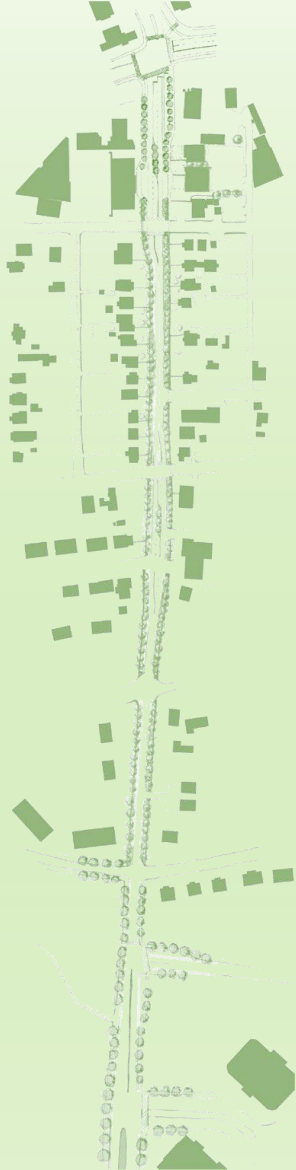


# Speed Data

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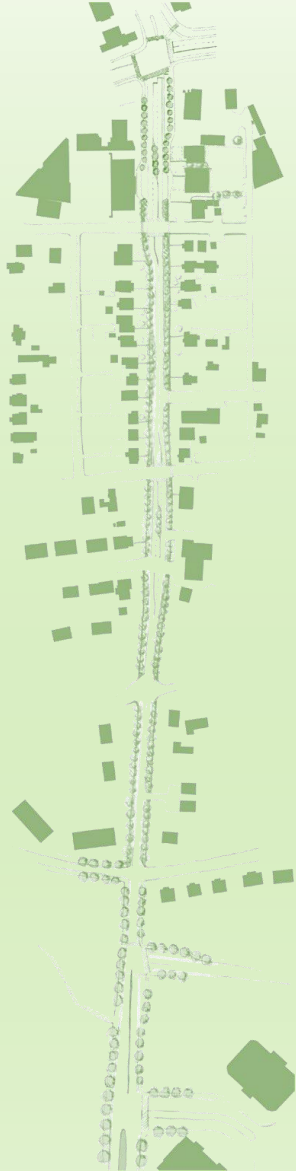
- Posted Speed Limit = 35 MPH
- Collected 24-hour speed data (by direction) near Piedmont Ave / Montpelier St on March 19, 2019
- Average Speed (Full Day / Off Peak)
  - EB = 28 MPH / 33 MPH
  - WB = 27 MPH / 31 MPH
- How Many Cars Exceed 35 MPH?
  - Full Day:
    - ▶ EB = 5.3%
    - ▶ WB = 3.3%





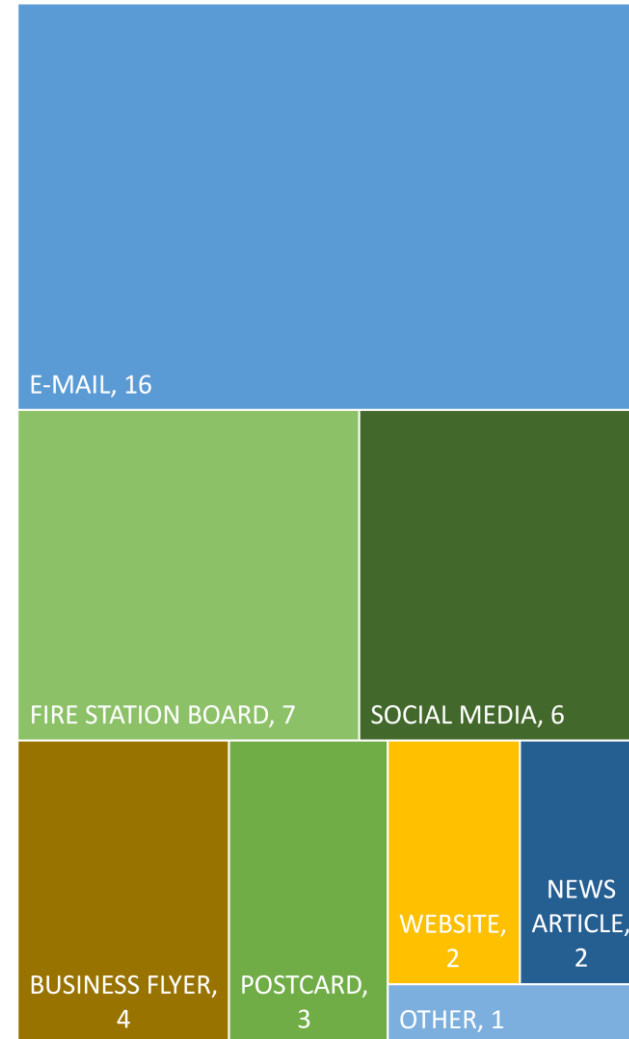
# Public Workshop #2 Recap

# Public Open House Outreach – April 18<sup>th</sup>



- To Encourage Participation, Completed the Following Outreach:
  - Flyers to Businesses along Fontaine Avenue
  - Flyers to UVA Housing
  - UVA Bus Advertisements
  - Message Board in front of Fire Station (PCMS)
  - Direct Mailings / E-mail
  - Social Media

## HOW PEOPLE HEARD ABOUT THE MEETING



INTERESTED IN THE FONTAINE AVENUE STREETScape IMPROVEMENTS?

**Be part of the solution!**

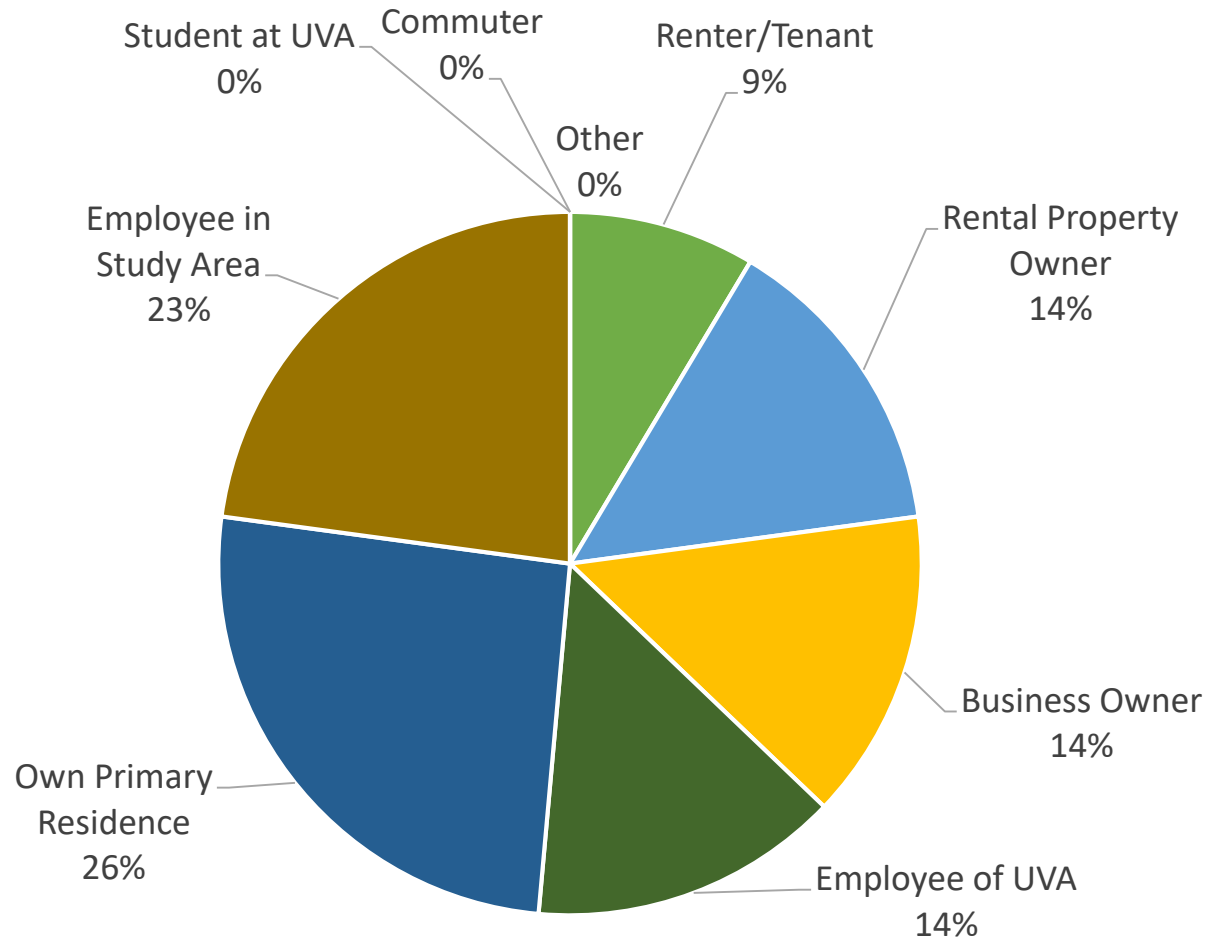
Join us at our Open House to learn about these concepts, provide feedback, and help shape the vision for the corridor's future!

**Public Open House Workshop**  
**Thursday, April 18, 2019**  
**5:30 p.m. – 7 p.m.**

Charlottesville Fire Department  
 2420 Fontaine Avenue  
 Charlottesville, VA 22903



## INTEREST IN THE PROJECT: Public Open House #2



Interest in Project	Percentage
Renter/Tenant	9
Rental Property Owner	14
Business Owner	14
Employee of UVA	14
Own Primary Residence	26
Employee in Study Area	23
Student at UVA	0
Commuter	0
Other	0



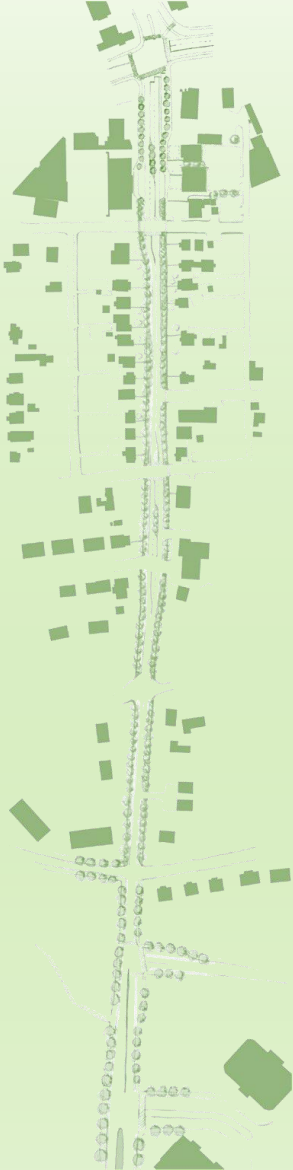


## HOW THE CORRIDOR IS UTILIZED

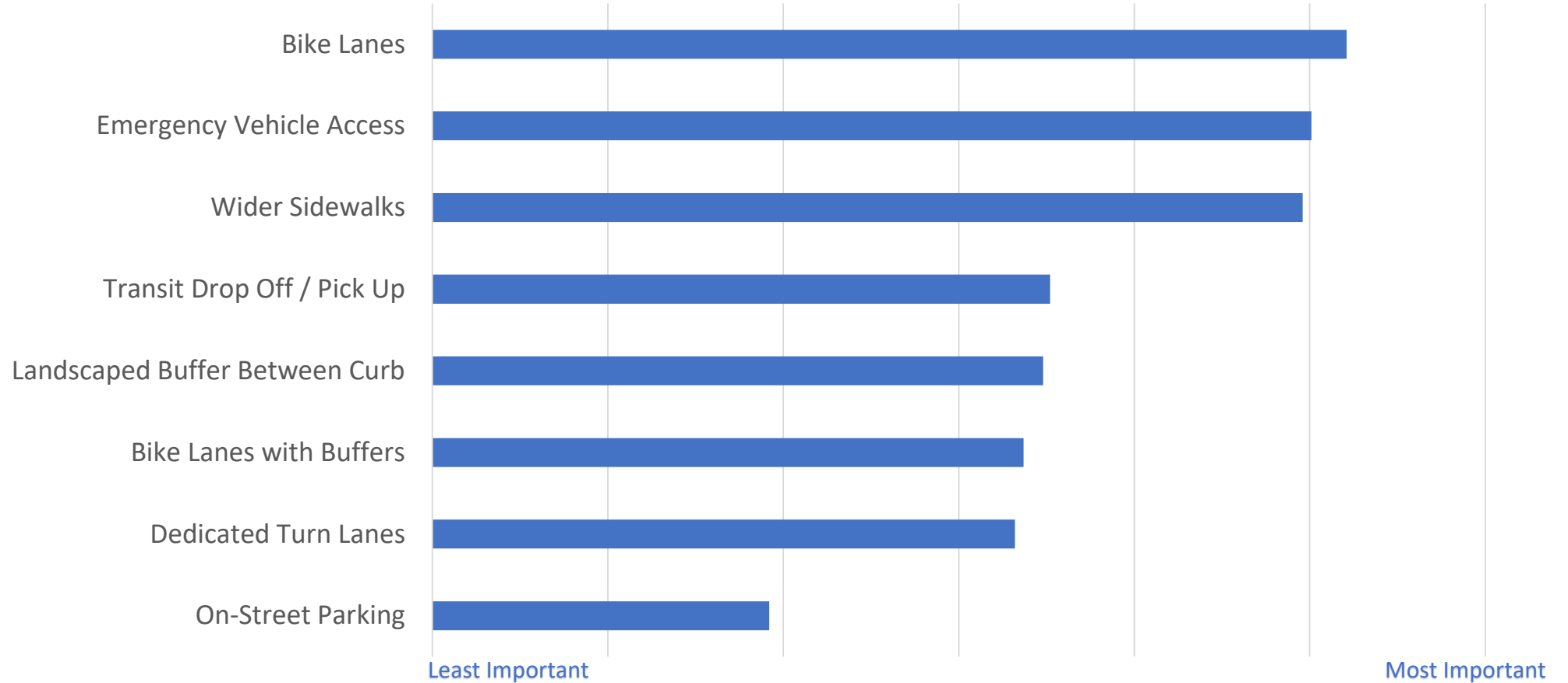
	BICYCLE ALONG FONTAINE	CROSS FONTAINE (PEDESTRIAN OR BICYCLIST)	ON-STREET PARKING	PUBLIC TRANSIT
WEEKLY	4	14	1	4
MONTHLY	6	6	6	5
YEARLY	5	4	1	7
NONE	13	7	23	16

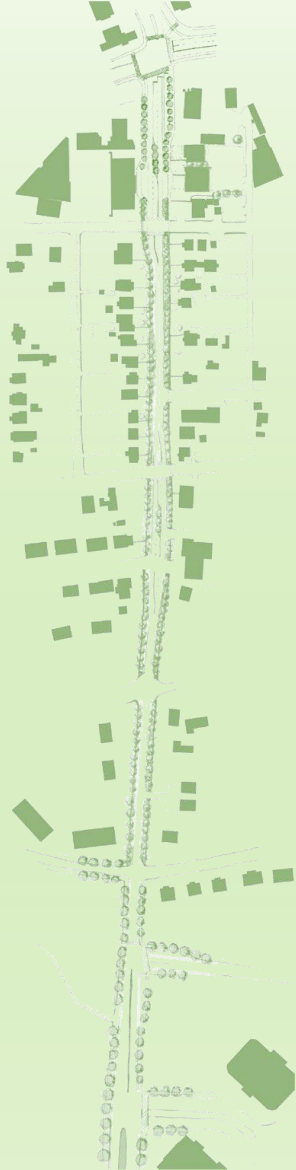


# April 18<sup>th</sup> Public Open House: Comment Form Responses



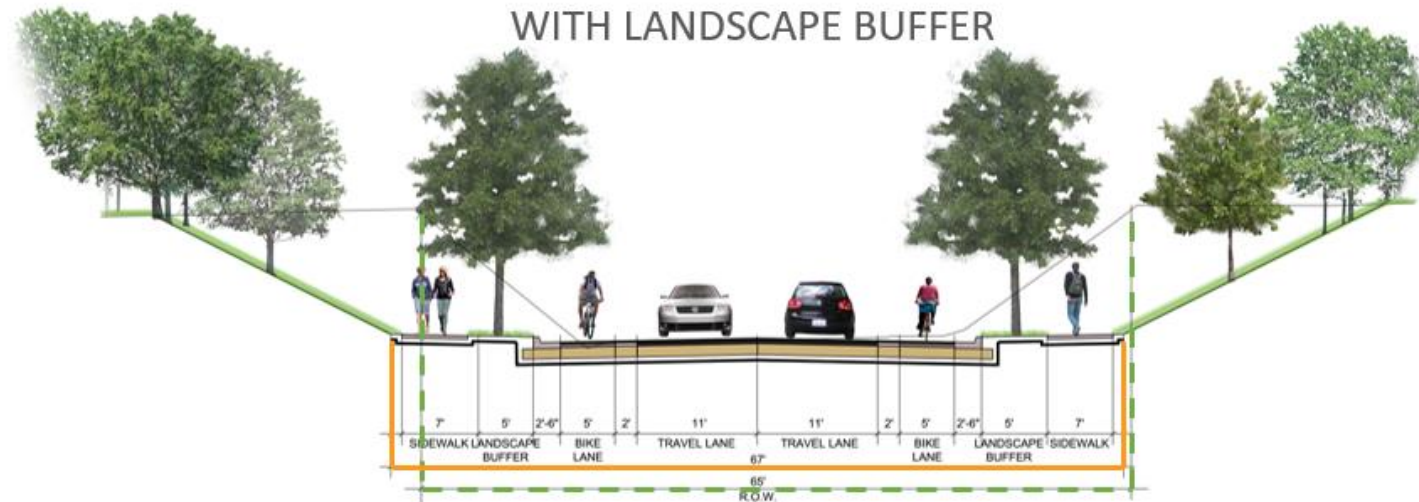
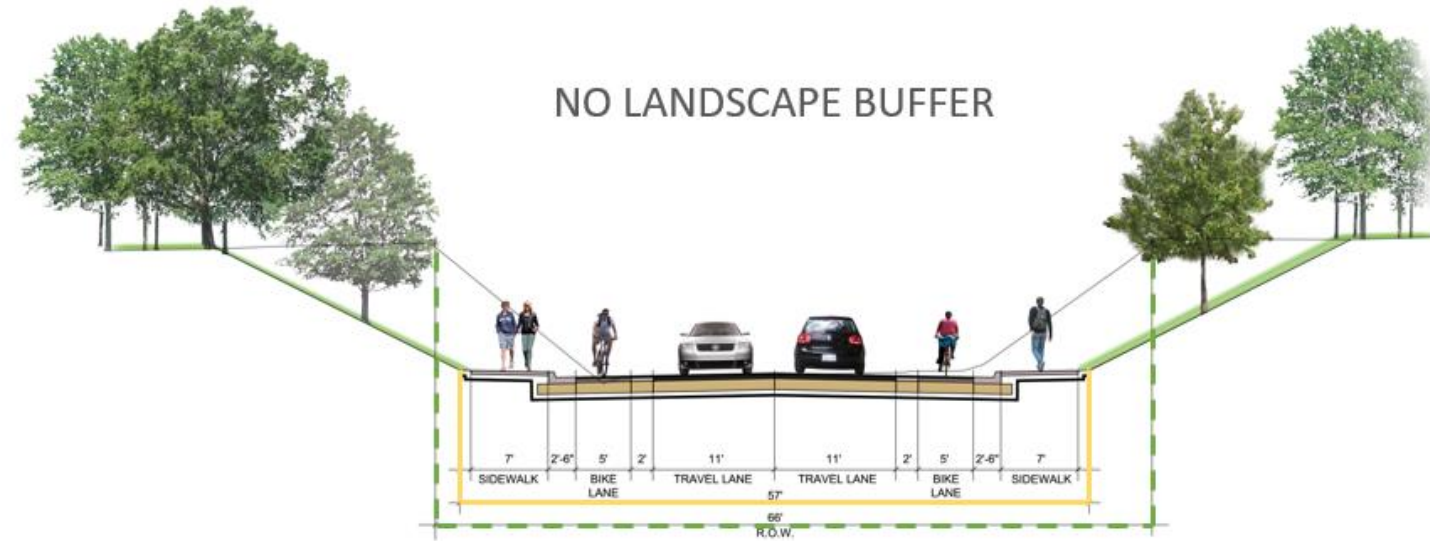
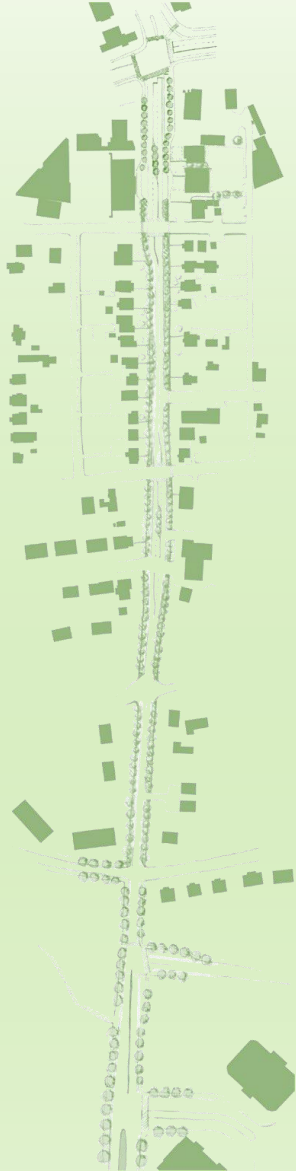
## Compiled Importance





# Preliminary Concepts and Design Development

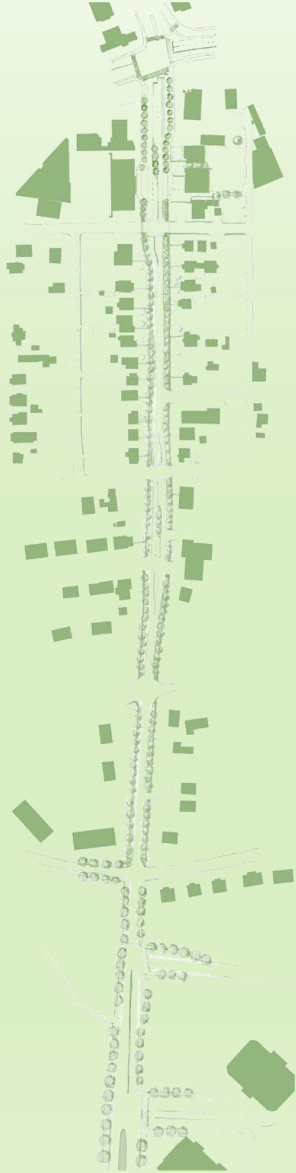
# Design Concepts: City Limits to Summit Street



VIEWS LOOKING WEST

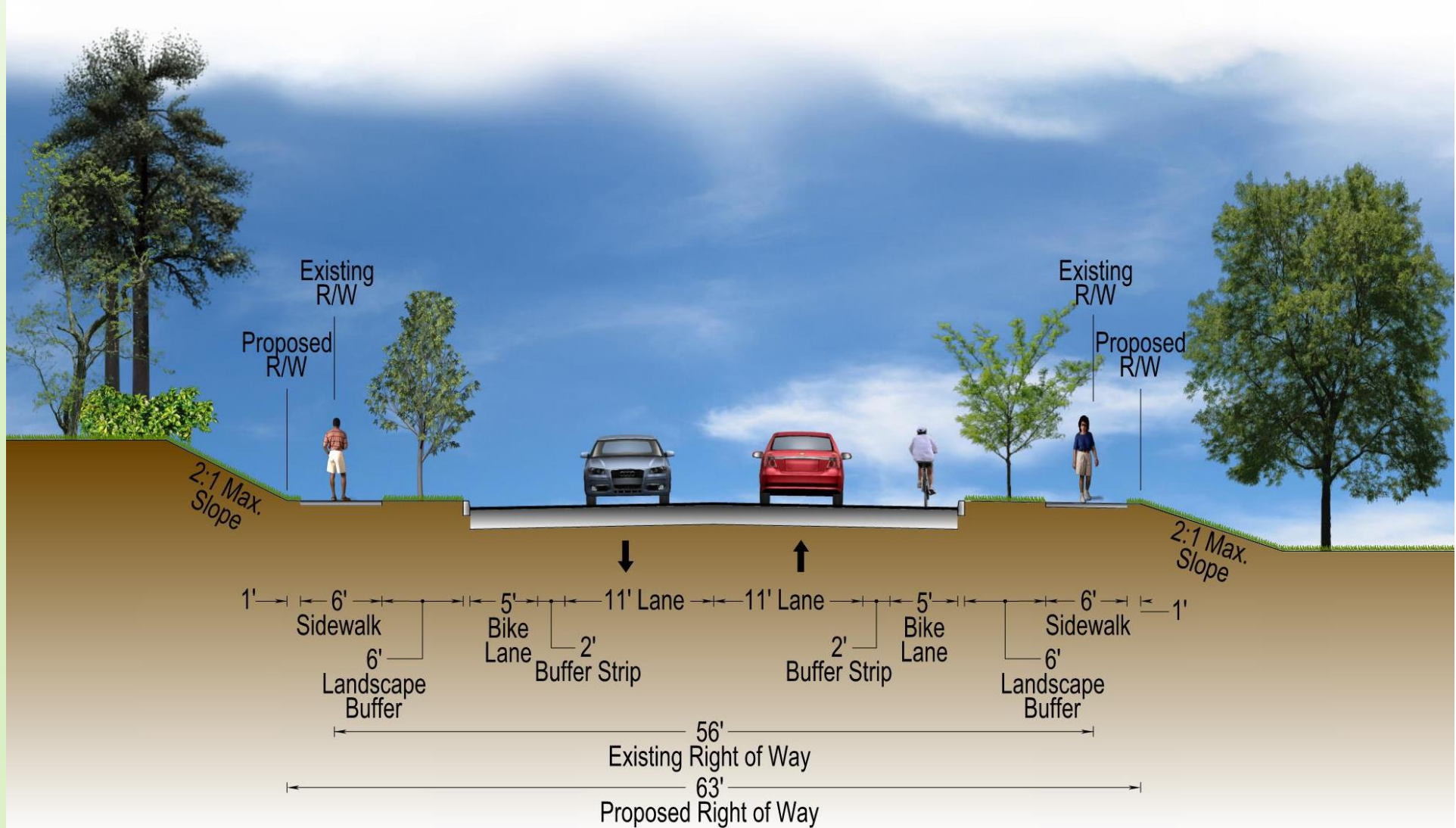


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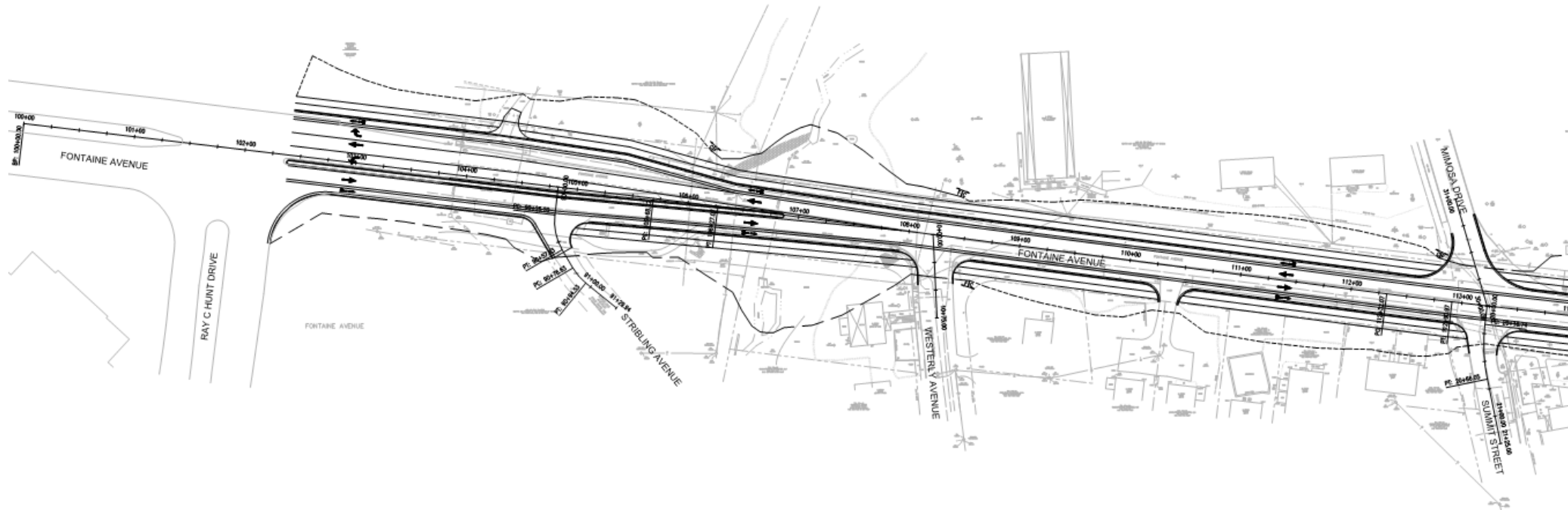




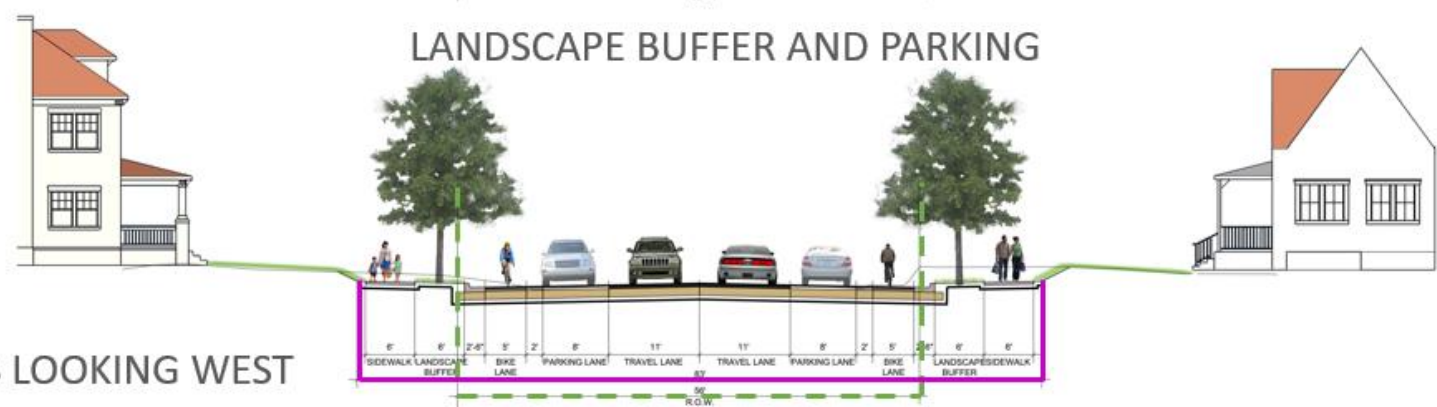
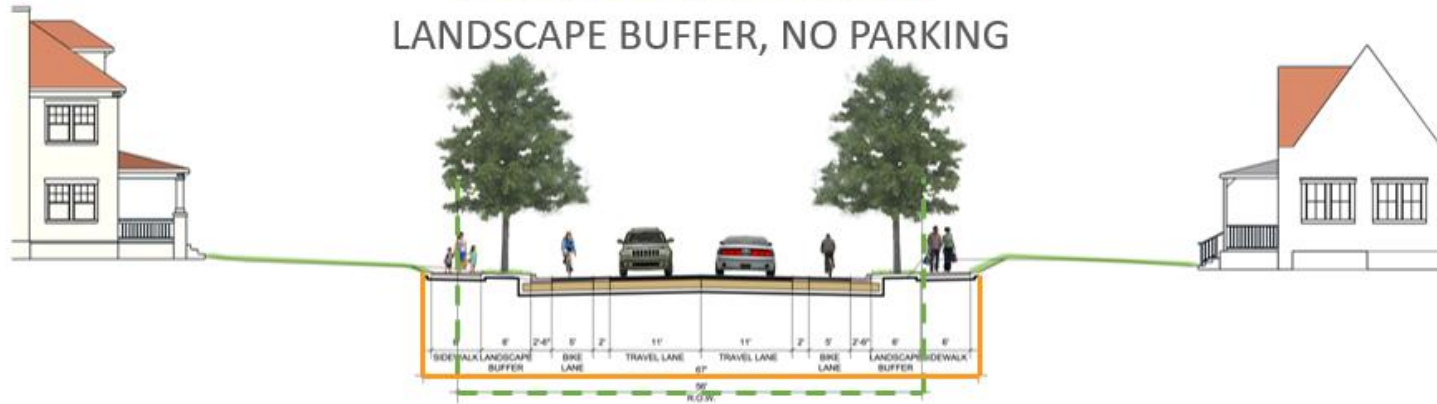
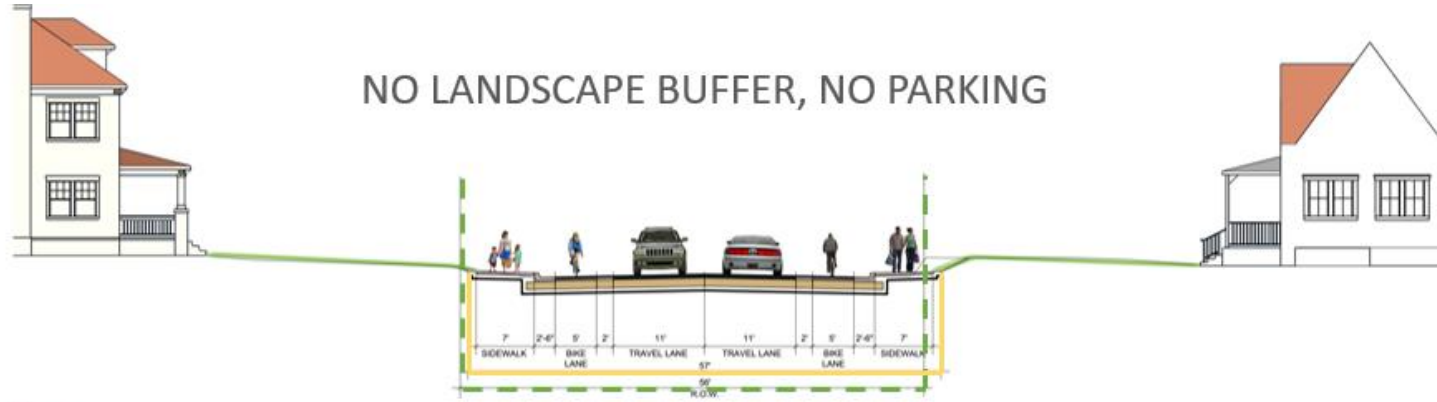
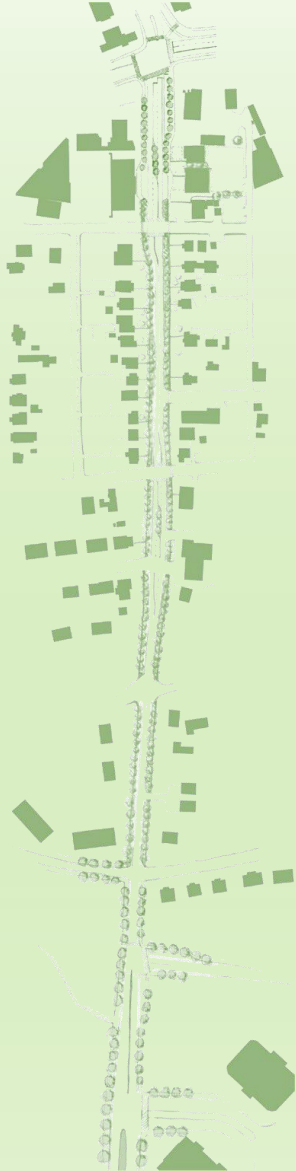
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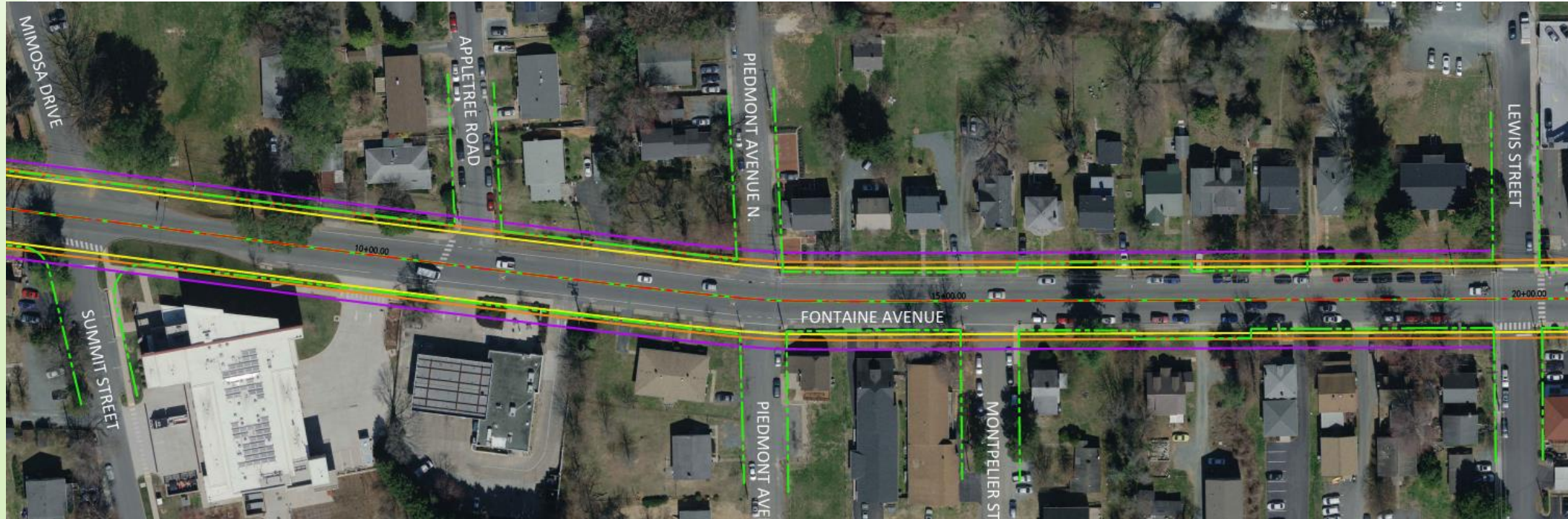
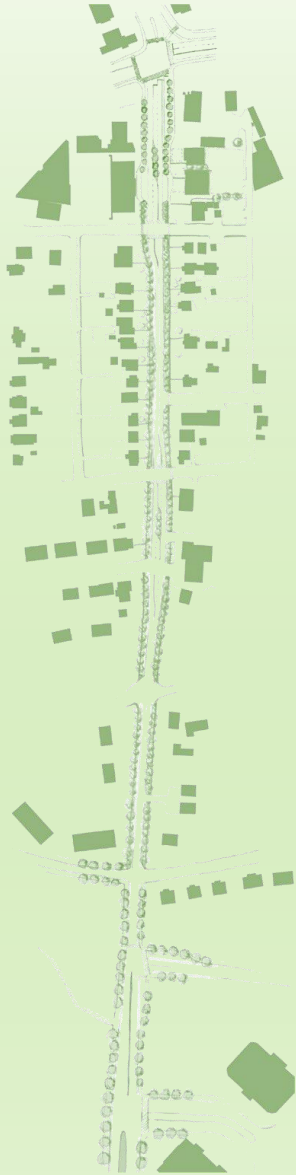
# Design Concepts: Summit Street to Lewis Street



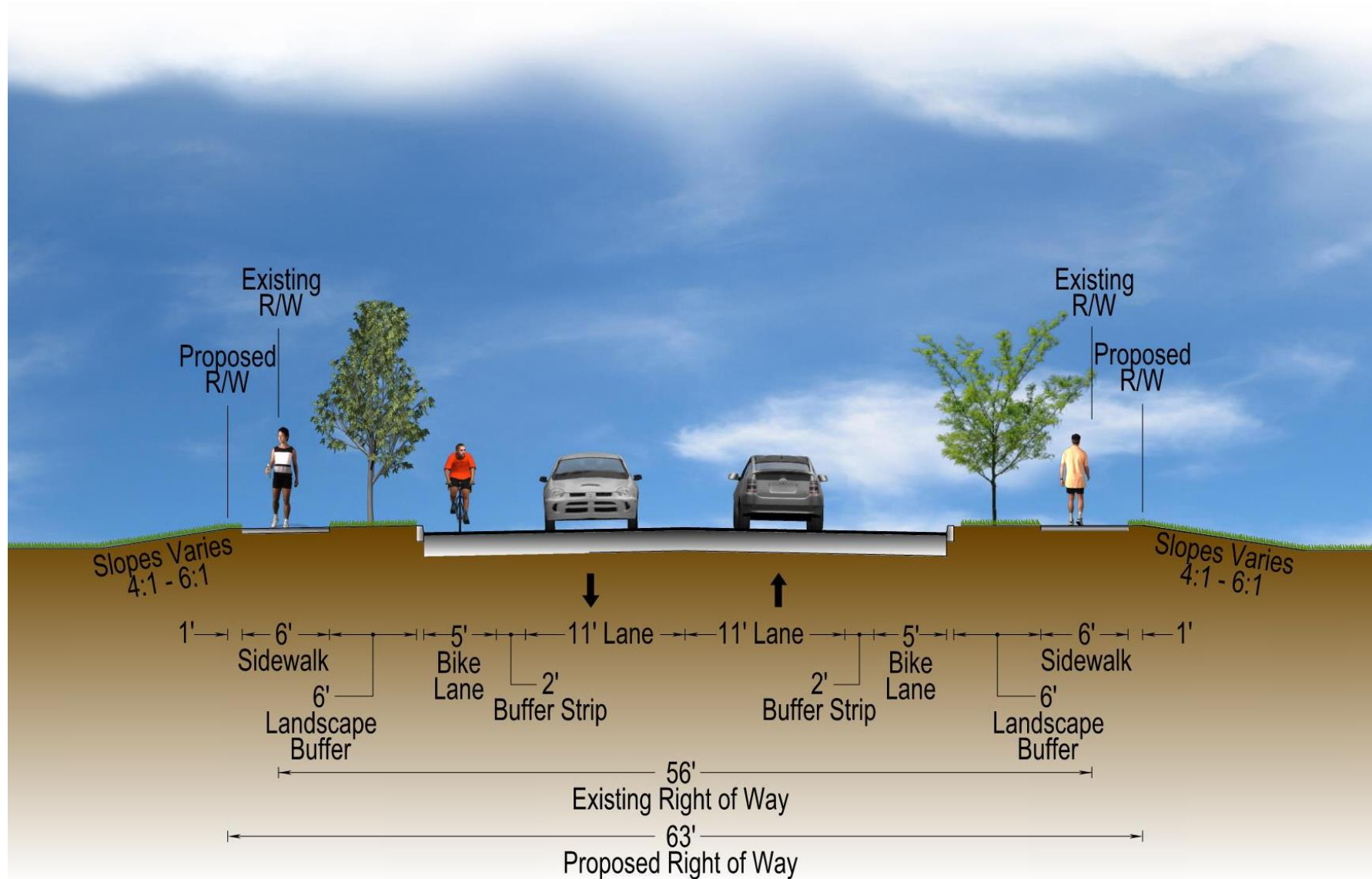
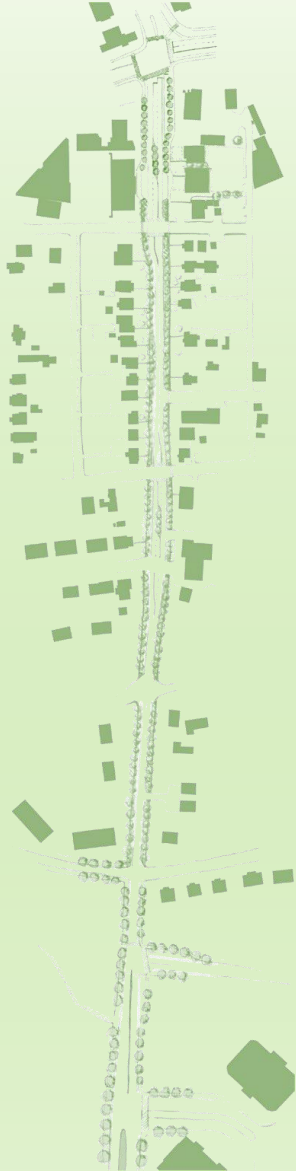
VIEWS LOOKING WEST



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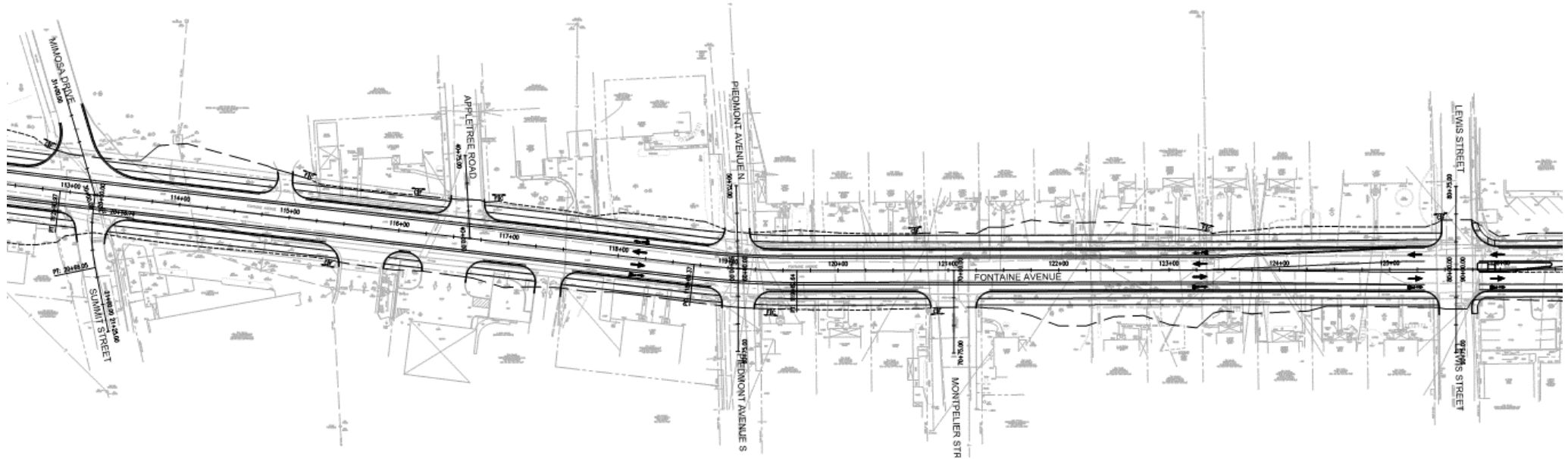


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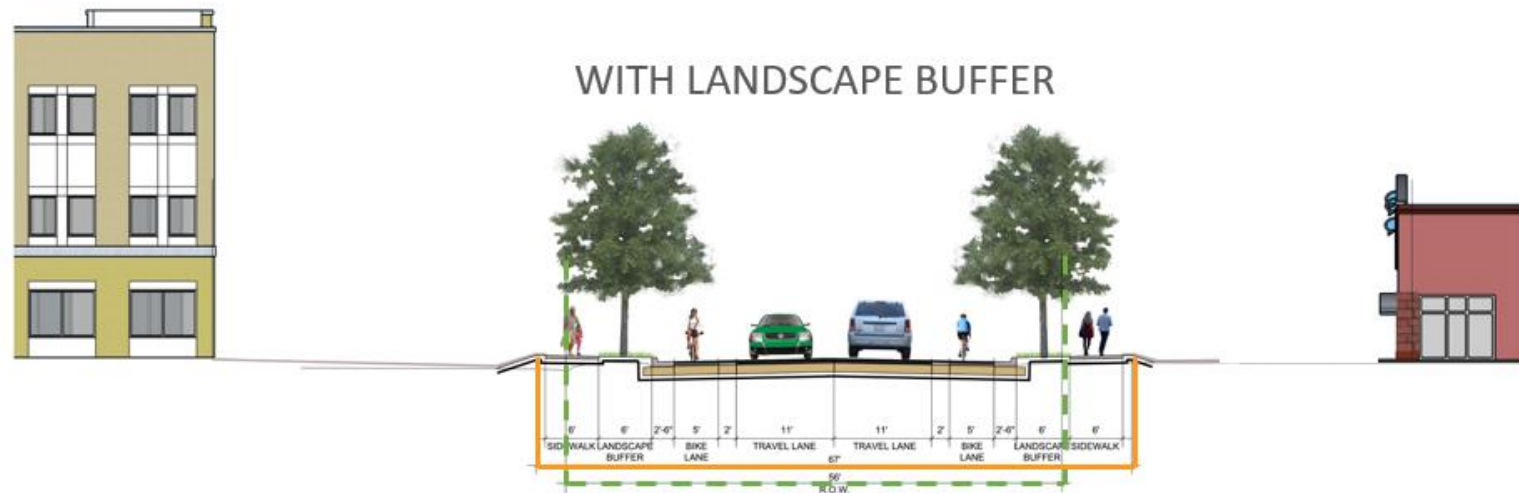
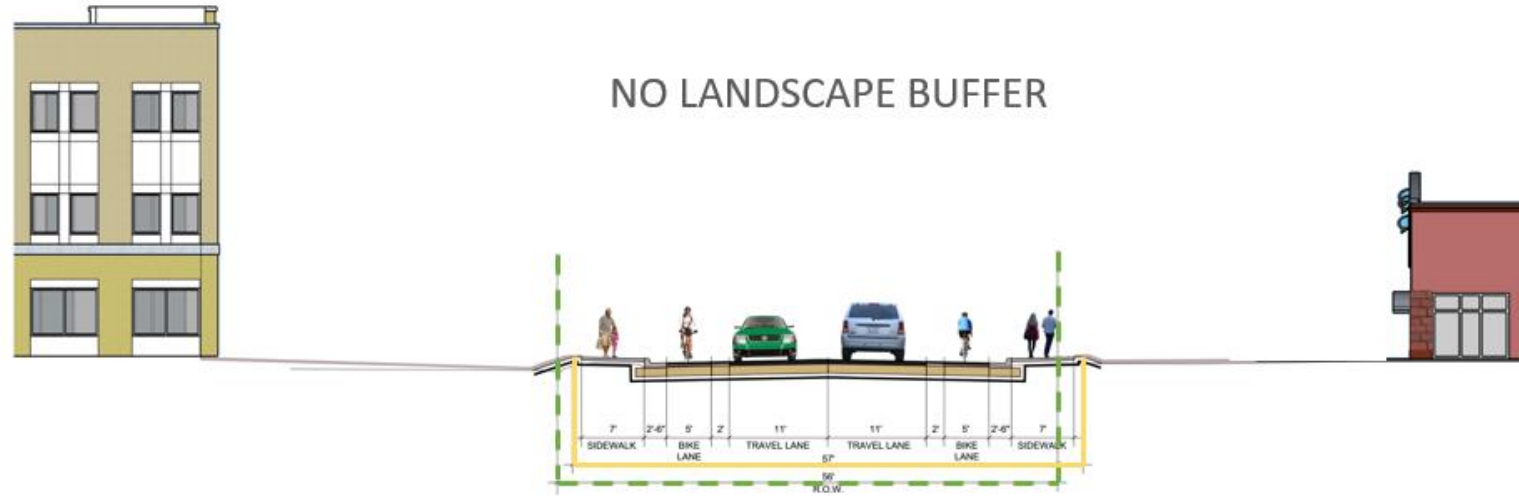
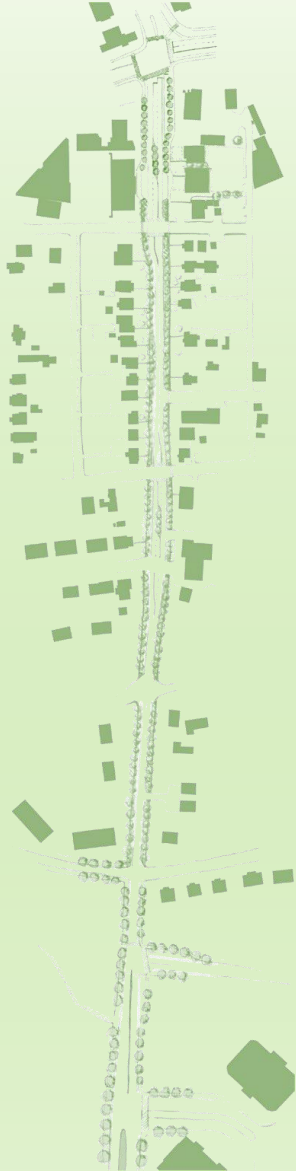




# Design Concepts: Summit Street to Lewis Street



# Design Concepts: Lewis Street to Jefferson Park Avenue



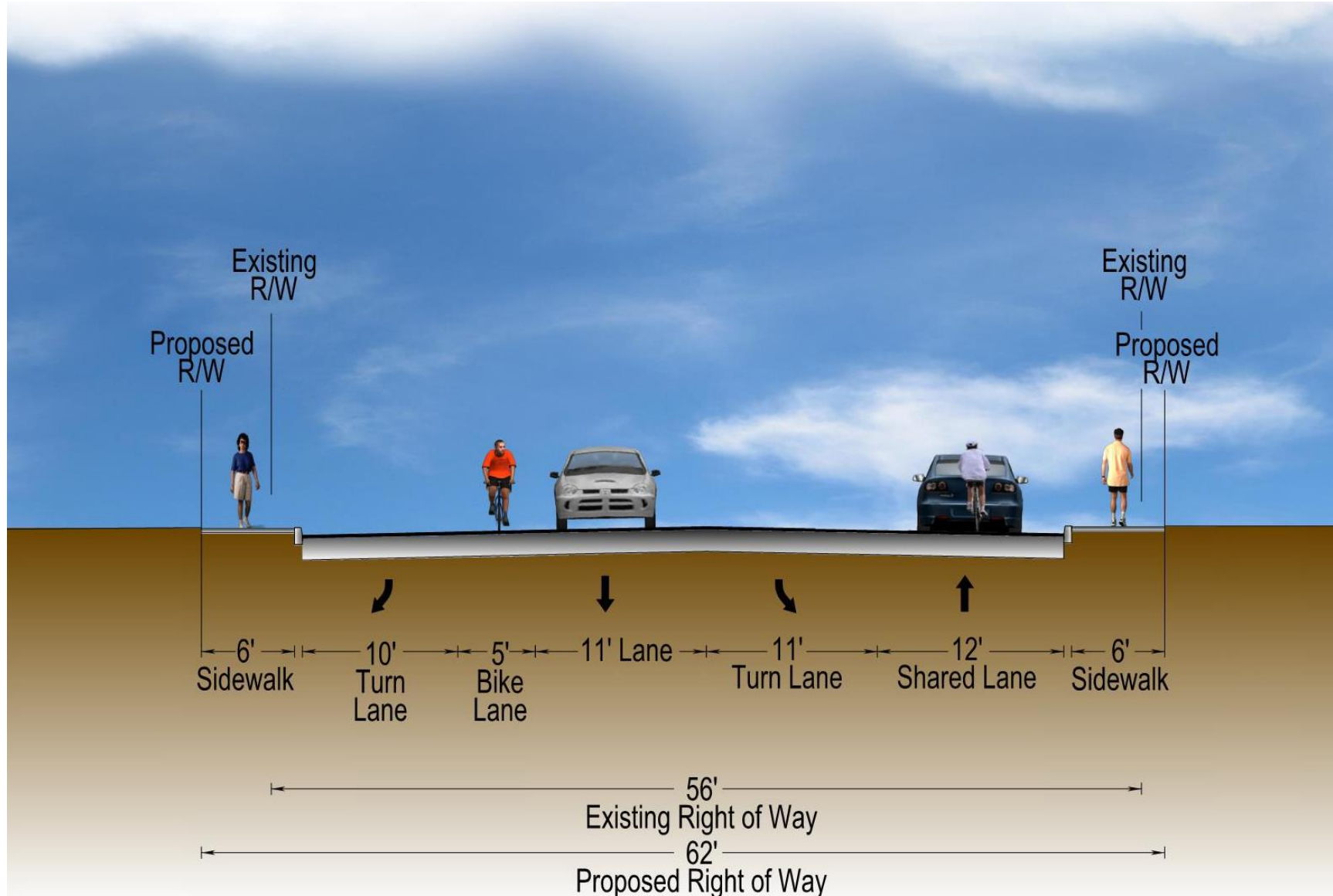
VIEWS LOOKING WEST



# Design Concepts: Lewis Street to Jefferson Park Avenue

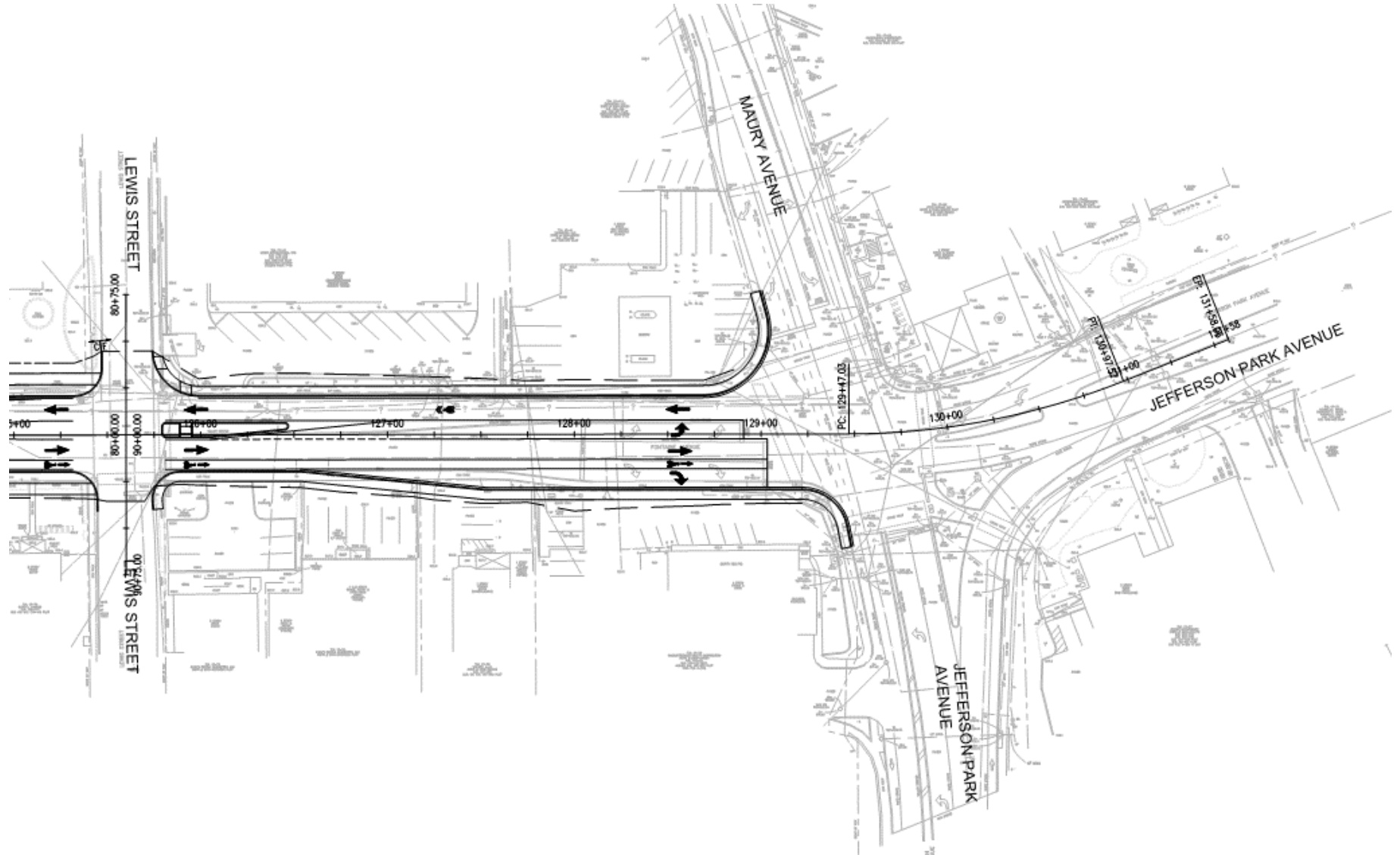


# Design Concepts: Lewis Street to Jefferson Park Avenue







# Design Concepts: Lewis Street to Jefferson Park Avenue





# Design Criteria

 <b>Fontaine Avenue Streetscape</b> VDOT Project # U000-104-296, P101, R201, C501 VDOT UPC #10944 <b>Geometric Overview</b> 				
	City of Charlottesville Guidelines	VDOT Guidelines (GS-5)	AASHTO Guidelines	Proposed Fontaine Design
Minimum Design Speed (mph)	35*	35	35	35*
Minimum Radius	**	373'	371'	373'
Minimum Stopping Sight Distance	**	250'	250'	250'
Maximum Superelevation	**	4%	4%	NC
Maximum Vertical Grade	8%	8% (Rolling Terrain)	8% (Rolling Terrain)	8% (Rolling Terrain)
Minimum Vertical Grade	-	0.30%	0.30%	0.30%
Graded Shoulder Width	2'	n/a	n/a	n/a
Lane Width	10'-11'	11'	11'	11'
Bike Lane Width (from face of curb without gutter)	5'	5'	5'	5' (2' Buffer)
Curb Type	6" Vertical or Combination Curb and 18" Gutter	CG-6	Vertical	6" Vertical
Clear Zone (C.Z.) or Lateral Offset (L.O.)	2' Min.	1.5' Min. Lateral Offset	1.5' Min. Lateral Offset	1.5' Min. Lateral Offset
Minimum Sidewalk Width	5'-6'	5'	4'	6'
Maximum Cut / Fill Slope	3:1	2:1	3:1	2:1
Guardrail Offset (with curb)	Back of Sidewalk	Face of Curb / 6' Minimum	8'	Back of Sidewalk
Buffer Strip for Sidewalk	3'-6'	4'	2'	6'

\* Street speed limit is currently posted at 35 mph. For Neighborhood A Streets, the recommended design speed is < 25mph

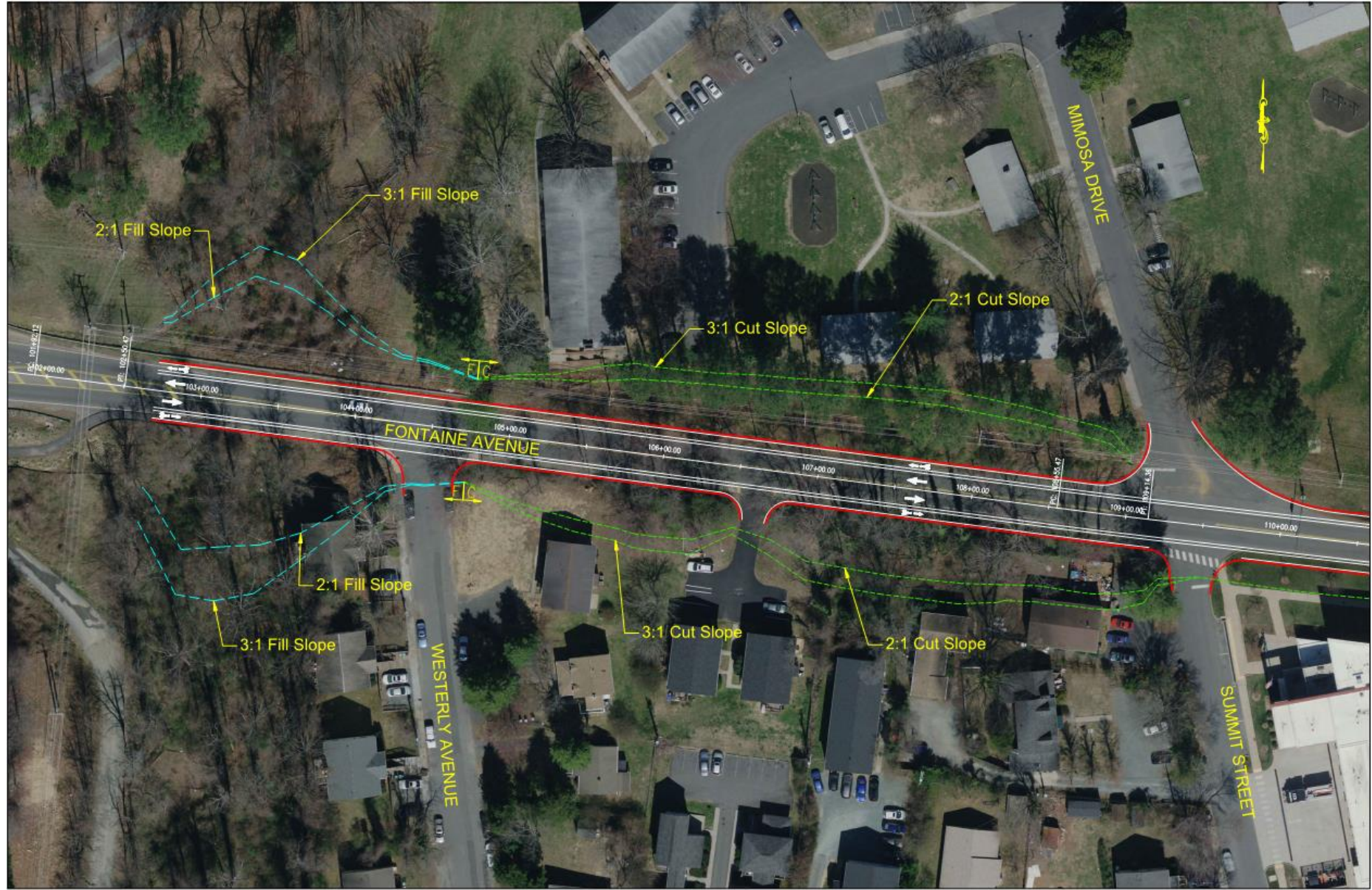
\*\* For streets with volumes over 4000 ADT, the Standards and Design Guidelines recommend using the VDOT road design manual

Green signifies information from the Streets at Work Manual

Blue signifies information from the Standards and Design Manual

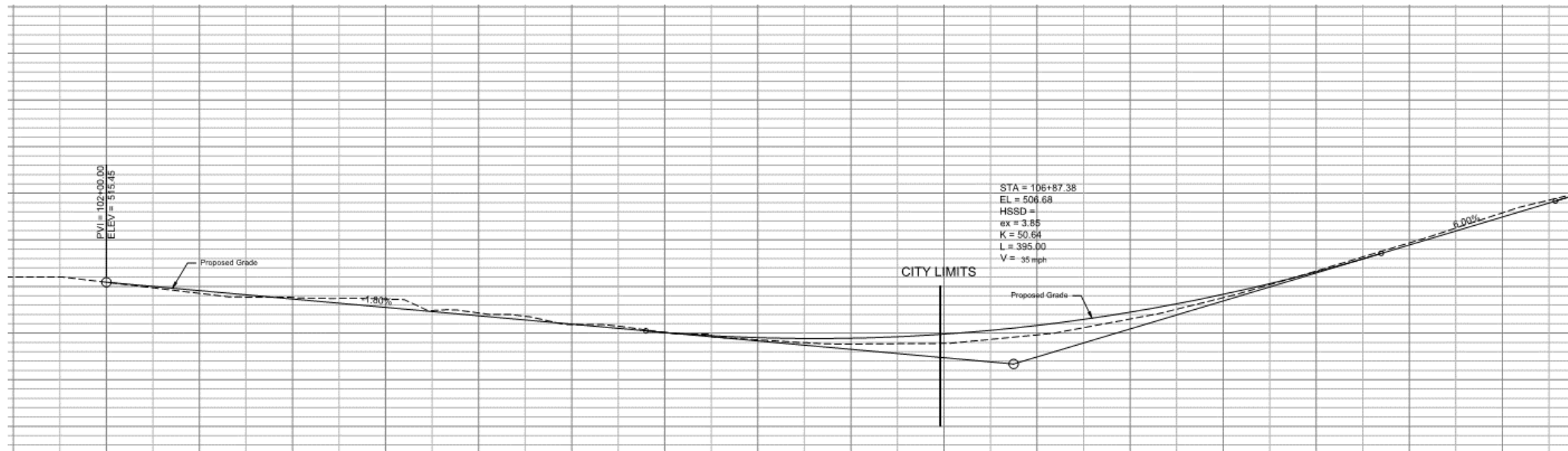


# City Limits Grading





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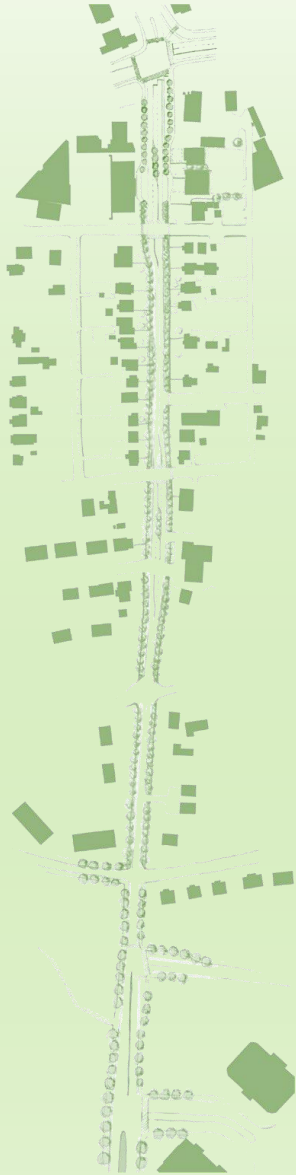


# Next Steps

- 7/23/19 – Planning Commission Work Session
- Late Summer / Fall - Steering Committee Meeting #4
- Concept Development

[www.fontainestreetscape.com](http://www.fontainestreetscape.com)



A larger version of the Fontaine Streetscape logo, identical to the one in the top left corner, centered on the page.

Thank you!



*In Conjunction  
With*

