



# Shockoe Valley Streets Improvement Project

Steering Committee Meeting #1

January 31, 2018

PREPARED FOR:



PREPARED BY:





# AGENDA

- > Welcome and Introductions
- > Project Details
  - Project Area
  - Budget
  - Schedule
- > Role of the Steering Committee
- > Existing Conditions & Project Characteristics
- > Dialogue with the Steering Committee
  - Goals
  - Opportunities
  - Concerns
- > Next Steps
- > Adjourn

# Steering Committee Members

**Carlos Brown** *VCU Health System*

**Hon. Cheryl Burke** *7<sup>th</sup> District, Richmond School Board (Interim)*

**Matthew Conrad** *Union Hill*

**Hon. Felicia Cosby** *6<sup>th</sup> District, Richmond School Board*

**Jeff Eastman** *VCU*

**Max Hepp-Buchanan** *Bike Walk RVA Director*

**Hon. Delores McQuinn** *Slave Trail Commission*

**John Murden** *New Vision Civic League*

**Stewart Schwartz** *Church Hill*

**Sylvester “Tee” Turner** *Slave Trail Commission*

**Keith Westbrook** *Legislative Assistant to Delegate McQuinn*

**Brian White** *Shockoe Bottom Neighborhood*

**Lawrence Williams** *East View Civic Association*

**Patricia Williford** *Mosby Tenant Council*





# Steering Committee Technical Advisors

## CITY OF RICHMOND STAFF

**Adel Edward** *DPW CIP Project Manager*

**Lamont Benjamin** *DPW CIP Division Administrator*

**Michael Sawyer** *DPW City Transportation Engineer*

**Mark Olinger** *Planning and Development Director*

**Jacob Helmboldt** *DPW Bike and Pedestrian Coordinator*

**Denise Lawus** *Deputy Director, Economic & Community Development*

**Jeannie Welliver** *Economic Development*

**Amy Inman** *Economic Development*

**Kimberly Chen** *Planning and Development*

**Joshua Son** *Planning and Development*

**Jonathan Cosby** *Public Utilities*

**Rosemary Green** *Public Utilities*

## CONSULTANT ENGINEERS



**Owen Peery** *Project Manager*

**Jeff Kuttesch** *Transportation Engineer*



**Diane Linderman** *Assistant Project Manager*

**Christopher Daily** *Transportation Engineer*

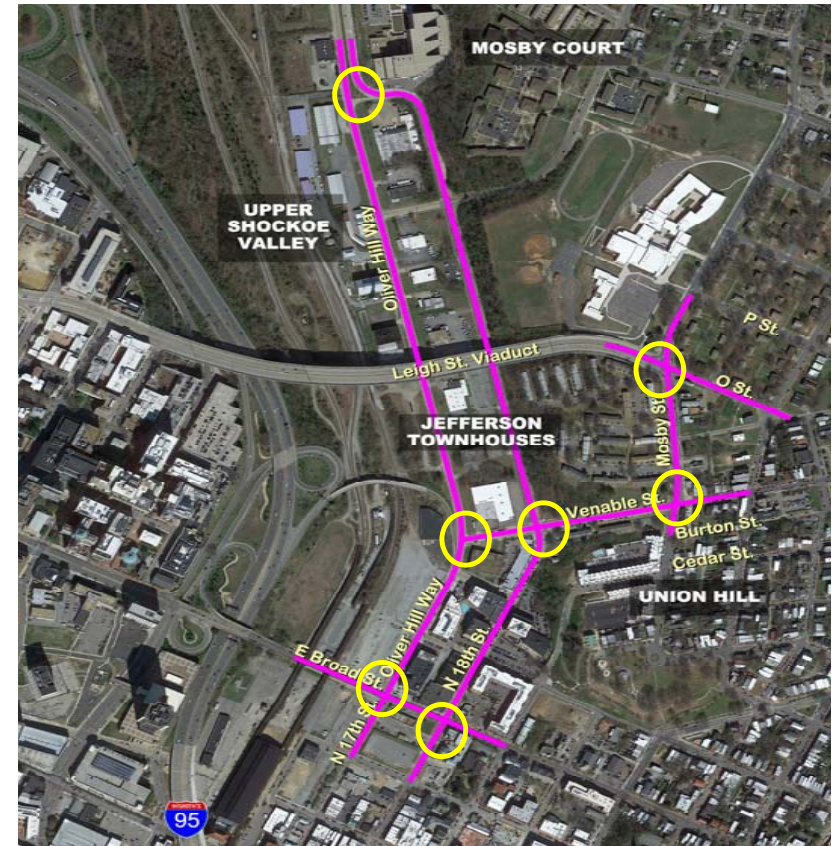




# Shockoe Valley Streets Improvement Project

*Develop a comprehensive set of improvements to the Shockoe Valley area of Richmond*

- Engage the Community
- Identify Key Transportation Needs
- Define a Vision for the Future
- Identify Feasible, Context-sensitive, Multi-Modal Transportation Improvements



# Project Budget

- VDOT SIX YEAR IMPROVEMENT PROGRAM:
- SMART SCALE FUNDING
  - PE = \$2,585,000
  - RW = \$7,738,000
  - CN = \$17,720,000
  - TOTAL = \$28,043,000

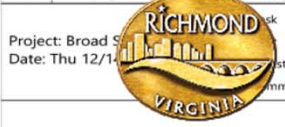
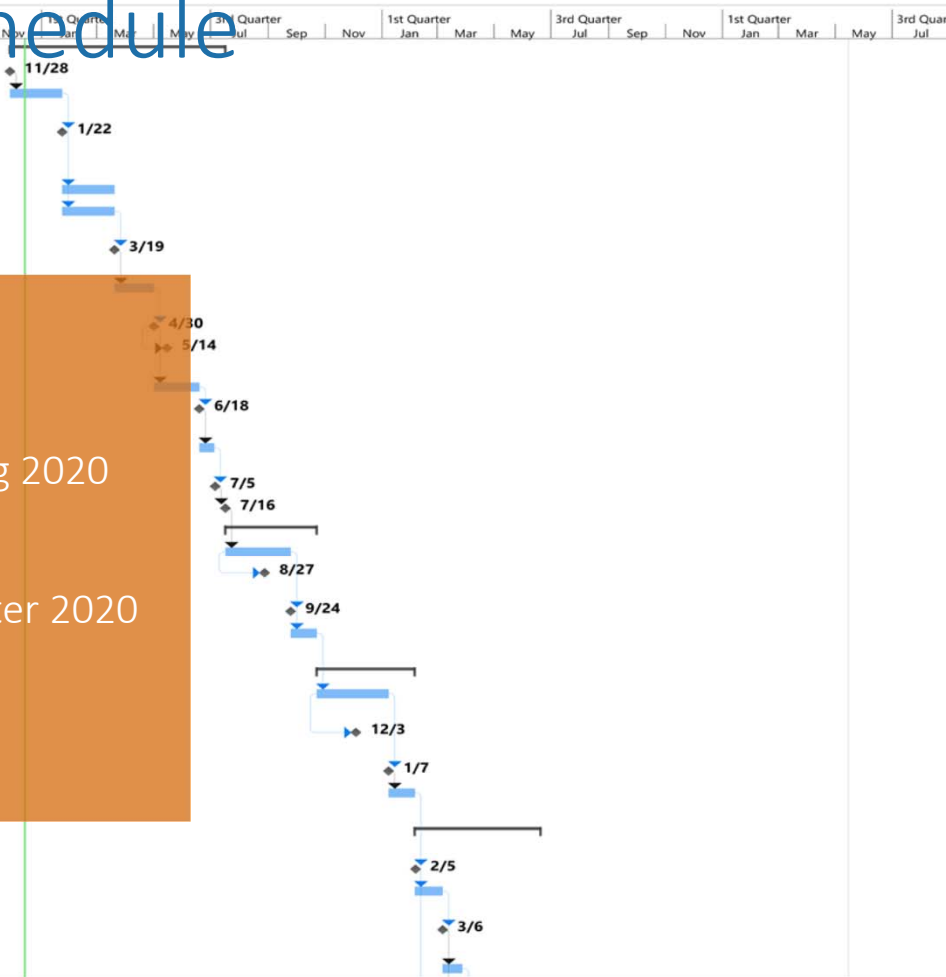
**PROJECT IS FULLY FUNDED**



# Project Schedule

ID	Task Mode	Task Name	Duration	Start	Finish	Project ID	Resource Name	3rd Quarter	1st Quarter	3rd Quarter	1st Quarter	3rd Quarter	1st Quarter	3rd Quarter
								Jul	Sep	Nov	Jan	Mar	May	Jul
1		<b>Concept Development</b>	165 days	Tue 11/28/17	Mon 7/16/18									
2		Notice to Proceed	0 days	Tue 11/28/17	Tue 11/28/17									
3		Preliminary Investigations and Data Collection	40 days	Tue 11/28/17	Mon 1/22/18	2								
4		Kickoff Meeting with Stakeholders / Steering Committee	0 days	Mon 1/22/18	Mon 1/22/18	3								
5		Traffic Analysis	40 days	Tue 1/23/18	Mon 3/19/18	3								
6		Preliminary Concept Development	40 days	Tue 1/23/18	Mon 3/19/18	3								
7		Meet with Stakeholders / Steering Committee	0 days	Mon 3/19/18	Mon 3/19/18	6								
8		Prepare for Public Workshop	30 days	Tue 3/20/18	Mon 4/30/18	7								
9		Notice to Proceed:		Mon 4/30/18	Mon 4/30/18	8								
10		Submit Scoping document to VDOT	0 days	Mon 5/14/18	Mon 5/14/18	9SS+10 days								
11		Refine Alternatives	15 days	Tue 6/1/18	Mon 6/18/18	9								
12		Steering Committee	0 days	Mon 6/18/18	Mon 6/18/18	11								
13		Prepare for UDC Planning	12 days	Tue 6/19/18	Wed 7/4/18	12								
14		Planning Commission	0 days	Thu 7/5/18	Thu 7/5/18	13								
15		Public Hearing	0 days	Mon 7/16/18	Mon 7/16/18	14FS+7 days								
16		Meet with Stakeholders / Steering Committee	0 days	Tue 7/17/18	Mon 10/22/18	15								
17		Public Hearing	0 days	Tue 7/17/18	Mon 9/24/18	15								
18		Meet with Stakeholders / Steering Committee	0 days	Mon 8/27/18	Mon 8/27/18	17SS+30 days								
19		Right-of-Way:	0 days	Mon 9/24/18	Mon 9/24/18	17								
20		City of Richmond, VDOT and FHWA Review	20 days	Tue 9/25/18	Mon 10/22/18	17								
21		Begin Construction:	0 days	Tue 10/23/18	Mon 2/4/19	20								
22		City of Richmond, VDOT and FHWA Review	20 days	Tue 10/23/18	Mon 1/7/19	20								
23		Meet with Stakeholders / Steering Committee	0 days	Mon 12/3/18	Mon 12/3/18	22SS+30 days								
24		Submit 60% Plans	0 days	Mon 1/7/19	Mon 1/7/19	22								
25		City of Richmond, VDOT and FHWA Review	20 days	Tue 1/8/19	Mon 2/4/19	24								
26		<b>Public Hearing and Right of Way Authorization</b>	97 days	Tue 2/5/19	Wed 6/19/19									
27		Advertise Public Hearing	0 days	Tue 2/5/19	Tue 2/5/19	25FS+1 day								
28		Prepare Public Hearing Plans and Displays	22 days	Tue 2/5/19	Wed 3/6/19	25								
29		<b>Location and Design Public Hearing</b>	0 days	Wed 3/6/19	Wed 3/6/19	28								
30		Public Hearing Comment Per	15 days	Thu 3/7/19	Wed 3/27/19	29								

■ Notice to Proceed: November 28, 2017  
 ■ Concept Development: Nov 2017-July 2018  
 ■ Design: Summer 2018- Spring 2020  
 ■ Public Hearing: March 2019  
 ■ Right-of-Way: Summer 2019 – Winter 2020  
 ■ Begin Construction: Spring 2020  
 ■ Project Complete: Spring 2022



Project Summary	Manual Task	Start-only	Deadline
Inactive Task	Duration-only	Finish-only	Progress
Inactive Milestone	Manual Summary Rollup	External Tasks	Manual Progress
Inactive Summary	Manual Summary	External Milestone	



# Steering Committee Purpose and Role

- To *Provide Input* to the City of Richmond and Consultant Staff regarding the proposed transportation improvements for the Shockoe Valley Streets Improvement Project for the areas noted.
- The role of the Committee will be to *Participate* and *Make Suggestions* regarding issues and needs along the corridor and the development of concepts and detailed alternatives, including the assessment of their effects. Members will be encouraged to participate in public workshops.



# Steering Committee Guidelines

- Each member has an *Equal Right to Speak and Ask Questions*. There are no “dumb questions.”
- Each member is encouraged to *Share Individual Viewpoints*. Individual opinions are valid whether others agree with them or not.
- We will *Listen* to, *Respect* and seek to understand the views of others, particularly those perspectives that differ from our own.
- We will be *Courteous when Addressing other Members* of the project team / committee.
- We will *Keep* our *Comments Relevant* to the topic under discussion.
- The Steering Committee will *Operate by Consensus* whenever possible. Consensus does not necessarily mean agreement or active support by each member. Those not objecting are not necessarily indicating that they favor the proposal under consideration, but merely that they can “live with it.”



# Steering Committee Guidelines

## EXTERNAL COMMUNICATIONS

- Ideas discussed within the Steering Committee should not be presented as representing the position of the Committee without the agreement of the Committee.
- When speaking about the work of the Steering Committee outside of meetings, members are speaking for themselves only unless speaking from approved documents or positions of the Steering Committee.
- Draft materials, plans and reports shared by and among members, staff and consultants shall be treated as working papers.
- *Be an Ambassador* for the project. Help spread the word at workshops and public meetings to get our message out.





# Existing Conditions and Project Characteristics

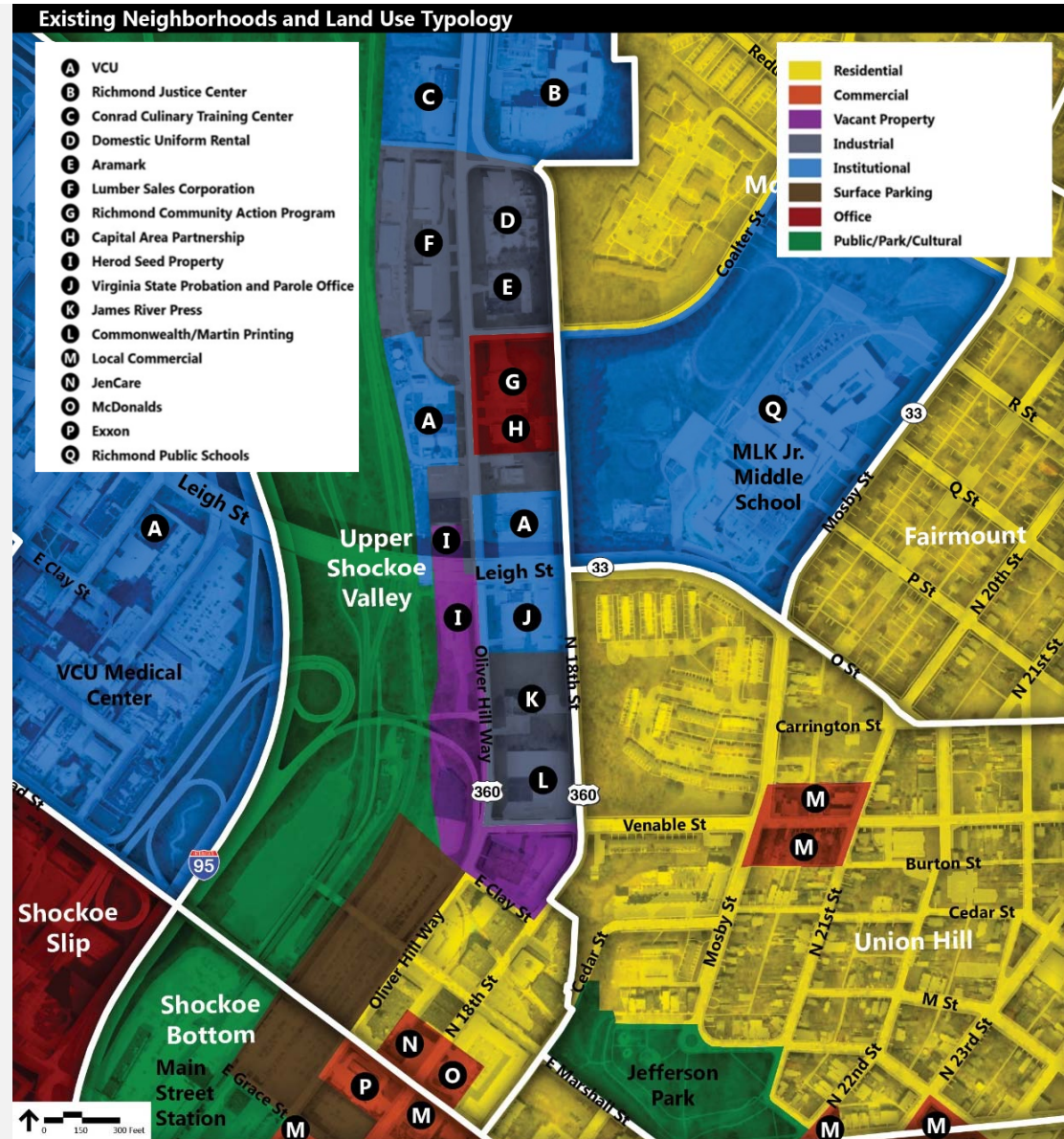
## What We've Found

- Land Uses
- Environmental and Natural Resources
- Utilities
- Street Characteristics
- Transportation Issues



# Development Activity in Study Area

- Housing Communities
- Religious/Community Services
- Retail
- Historic properties
- Industrial





# Development Activity in Study Area

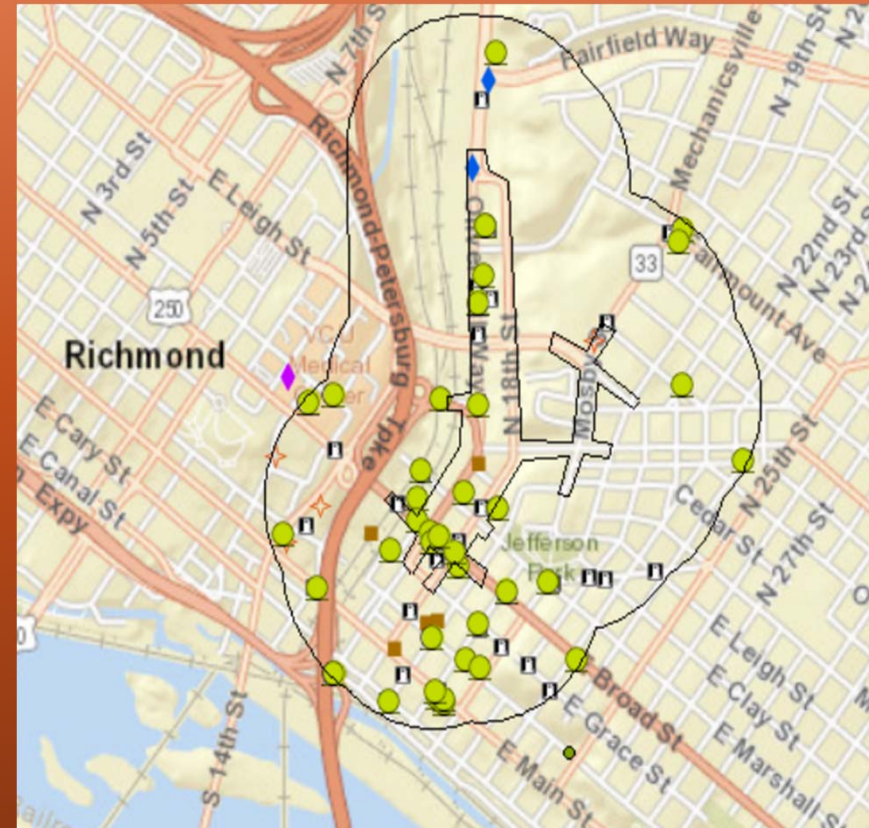
- A** 904, 908, 1020 Oliver Hill Way rezoning from M-1/M-2 to B-5
- B** 1900 Venable Street rezoning from R-53 to B-5
- C** 501 Oliver Hill Way Plan of Development for gym
- D** Upcoming Shockoe Valley Plan by ULI – Rose Fellowship





# Environmental

- Natural Resources
  - Rare, Threatened and Endangered Species
  - Water Quality
  - Minimal to No Impacts to Resources by this Project.
- Hazardous Materials
  - Minor Sites Identified Within Project Area



# Natural Resources

## CONSERVATION LANDS AND PARKS



- Jefferson Park nearby project limits

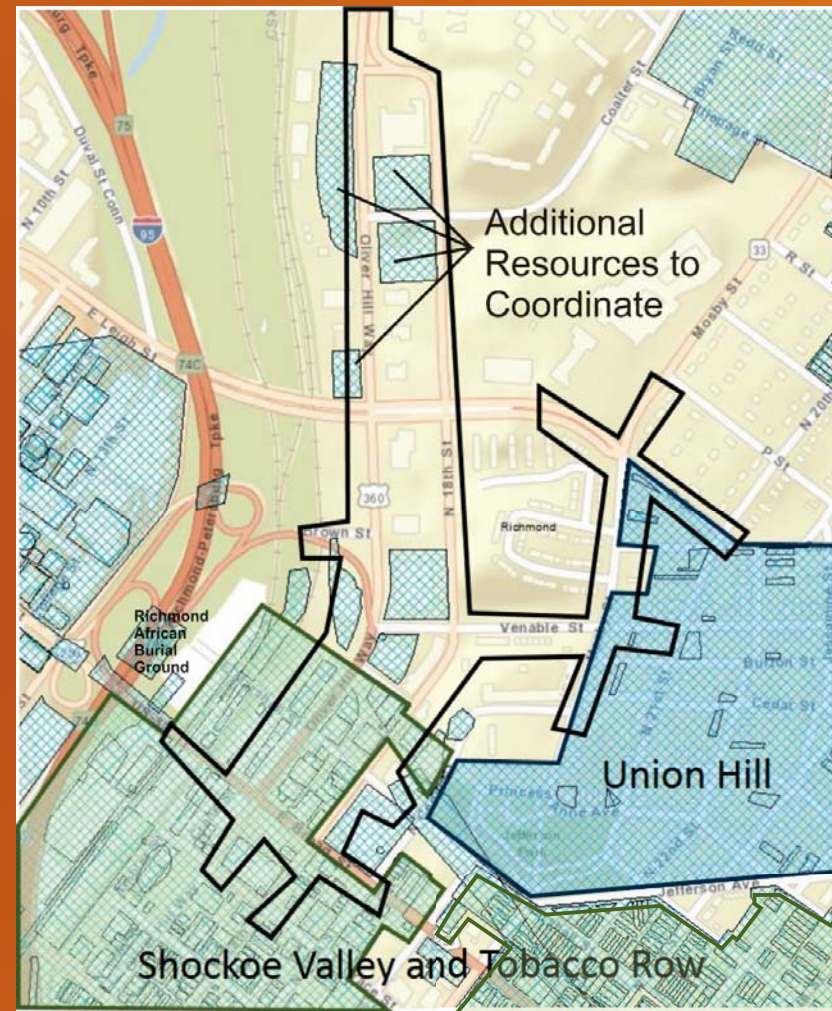




# Cultural Resources

## ENVIRONMENTALLY SENSITIVE AREAS





- Known cultural resources in project area, including Union Hill, Shockoe Valley and Tobacco Row Historic Districts
- Additional resources also present
- Near Richmond African Burial Ground

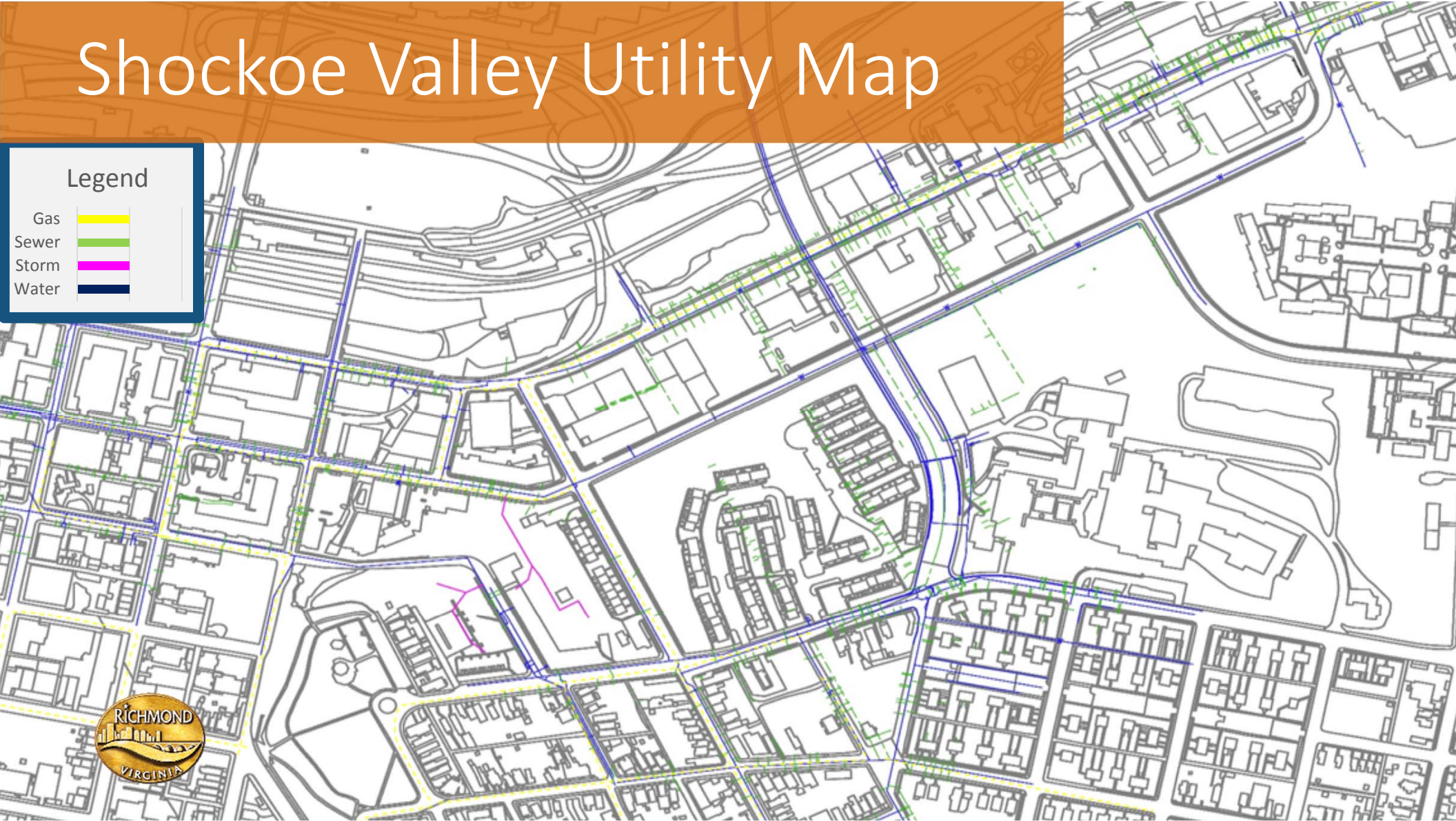




# Shockoe Valley Utility Map

## Legend

- Gas 
- Sewer 
- Storm 
- Water 





# Existing Street Characteristics

- Primarily 2 to 4 lane roadways
  - Few dedicated turn lanes
- Curb and gutter typical section
- Parallel parking in many locations
- Disconnected bicycle lanes
- Speed limit = 25 MPH and 35 MPH
- Deficient Pedestrian Facilities
- Minimal Transit Facilities





# Existing Transportation Operations Overview

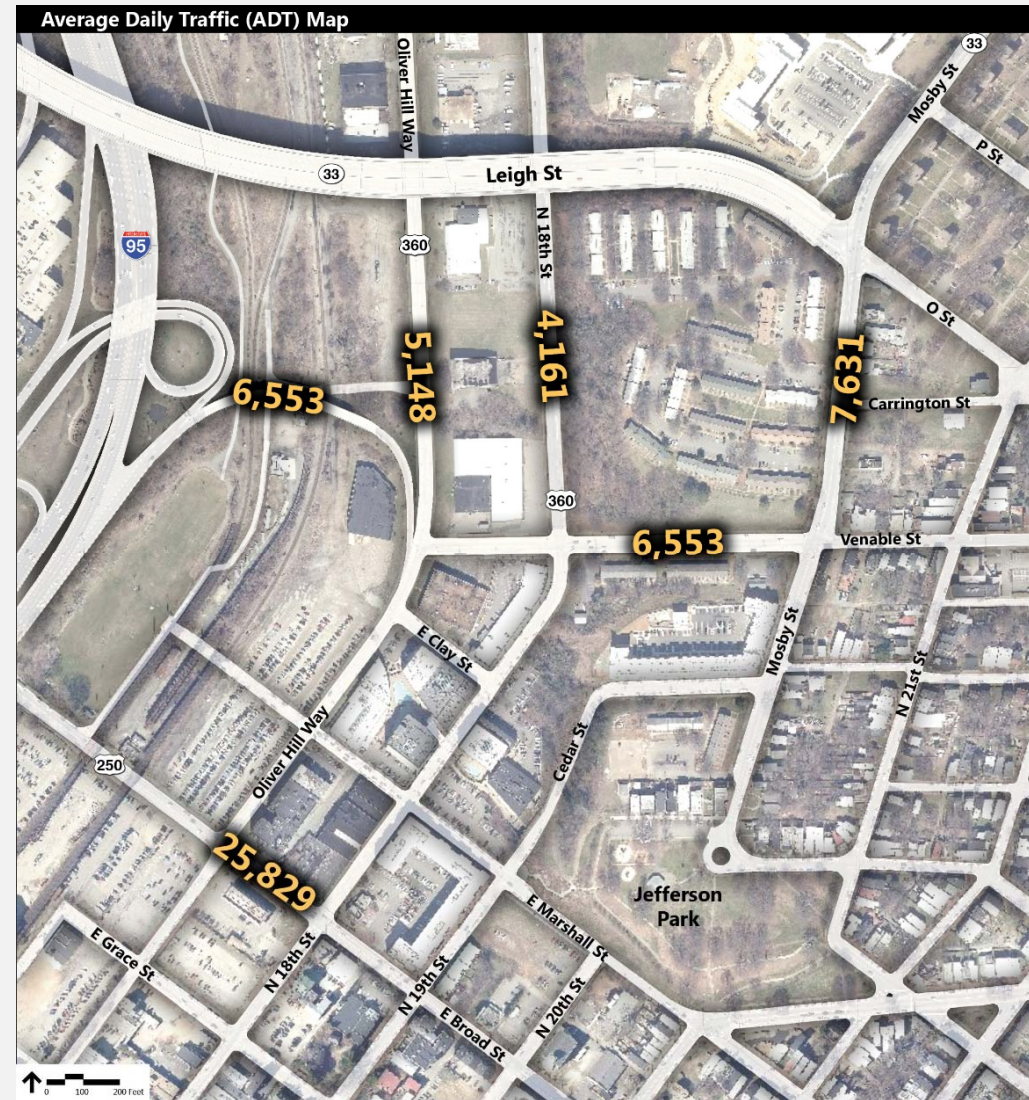
- Oliver Hill Way is one-way southbound south of Balding Street
- 18<sup>th</sup> Street is one-way northbound north of Broad Street
- I-95 off-ramp to Oliver Hill Way has constrained movements
- Mixture of signalized and unsignalized intersections



# Existing Transportation Operations

- 3% Buses and Trucks
- Peak Hours (7:30 – 8:30 AM, 5:00-6:00 PM)
- Operating Speeds

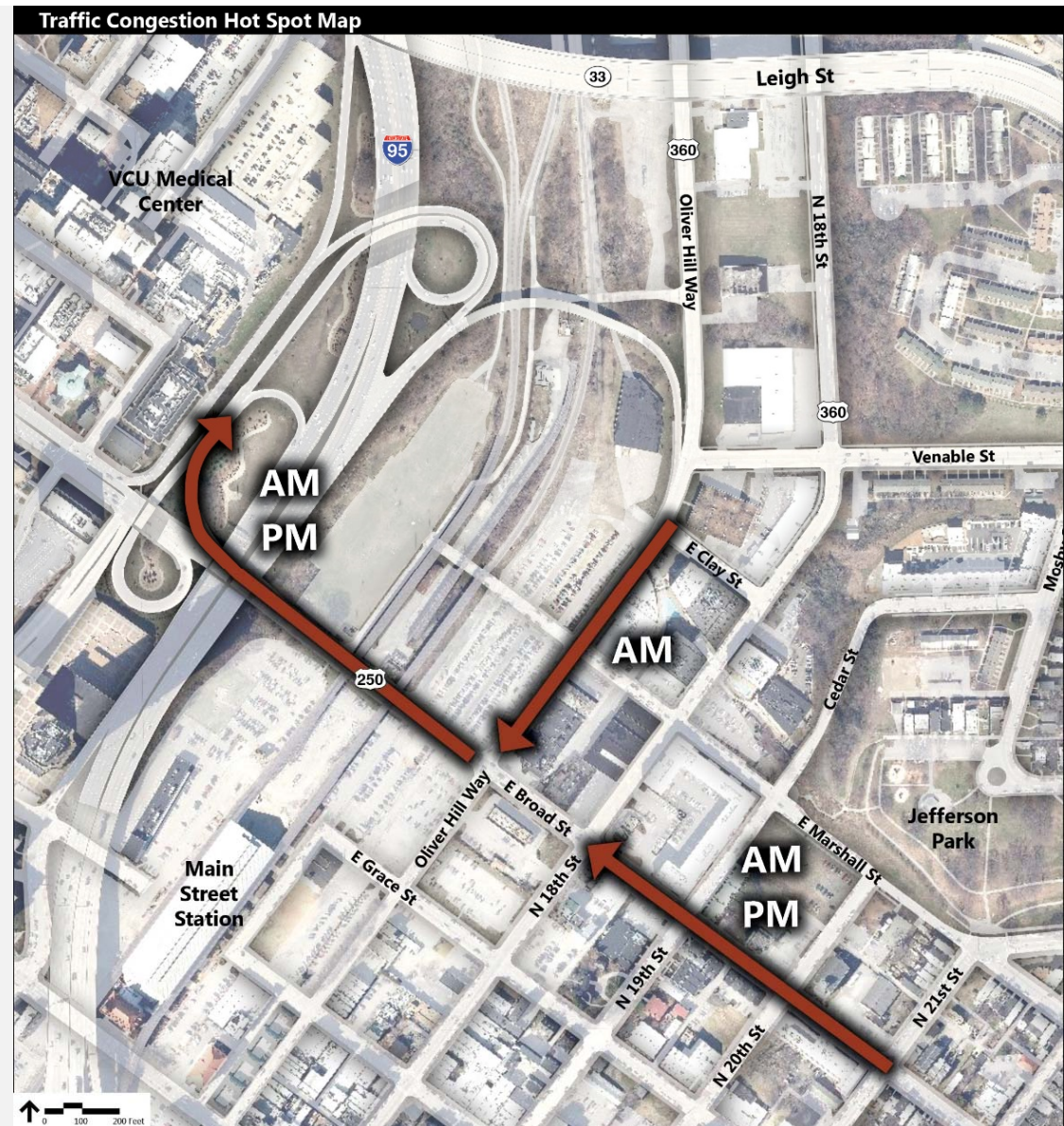
ROAD SEGMENT	AVERAGE SPEED	% of Speeds > 35 MPH	Speed Limit
I-95 Off-Ramp	28 MPH	3.6%	25
Oliver Hill Way (North of Venable)	34 MPH	48.9%	35
18 <sup>th</sup> Street (North of Venable)	33 MPH	31.0%	35
Venable Street EB	23 MPH	0.5%	25
Venable Street WB	26 MPH	2.8%	25





# Existing Transportation Congestion

- Long queues on southbound Oliver Hill Way in AM
- Long queues on westbound Broad Street at N. 18<sup>th</sup> Street
- Queues from the I-95 on-ramp from westbound Broad Street spill back onto Broad Street

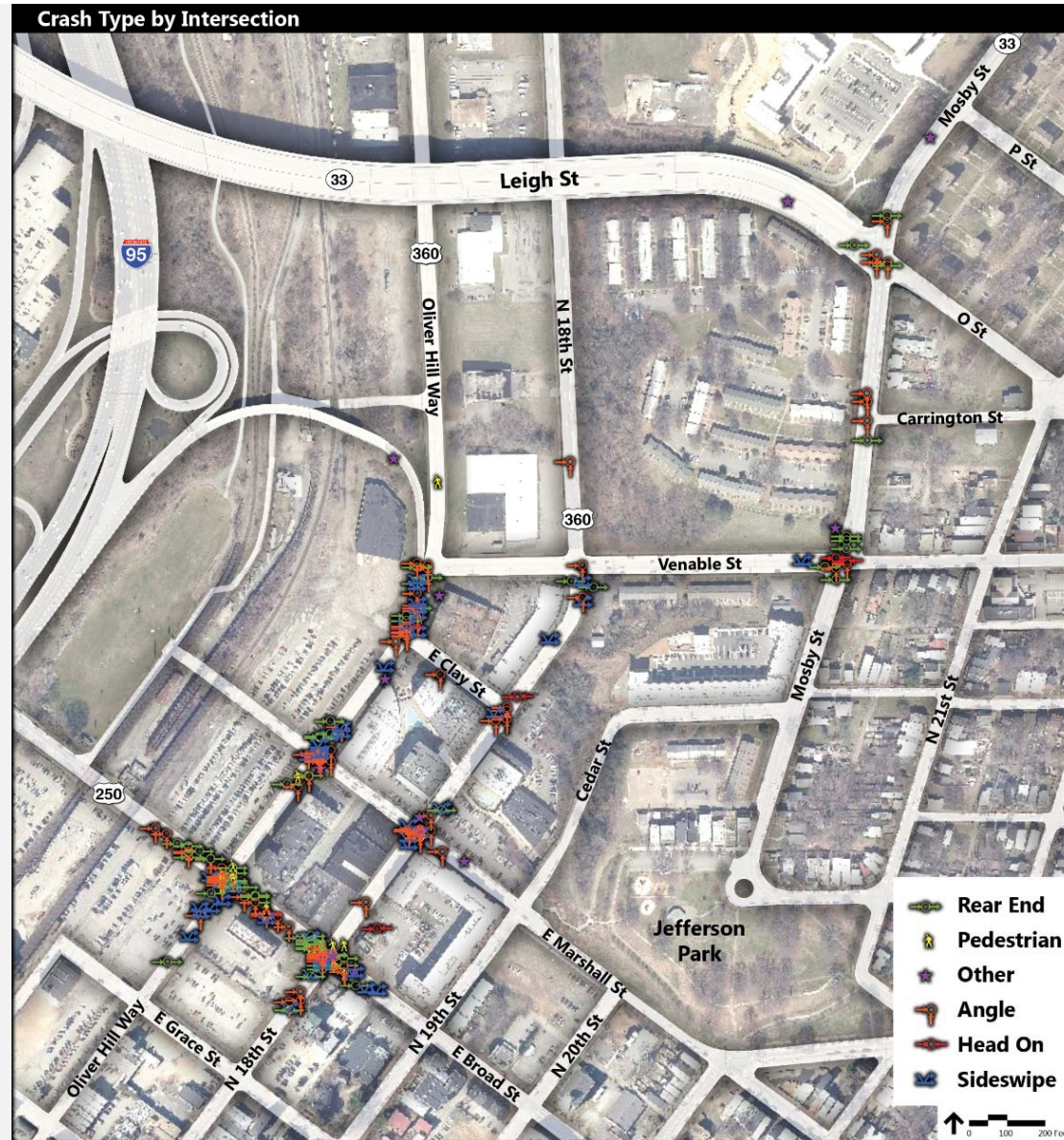




# Safety

## 5- YEAR CRASH ANALYSIS

CRASH TYPE	COUNT	PERCENTAGE
Rear End	57	23%
Angle	112	45%
Head On	7	3%
Sideswipe	46	18%
Pedestrian	14	6%
Other	16	5%
<b>Total</b>	<b>252</b>	<b>100%</b>

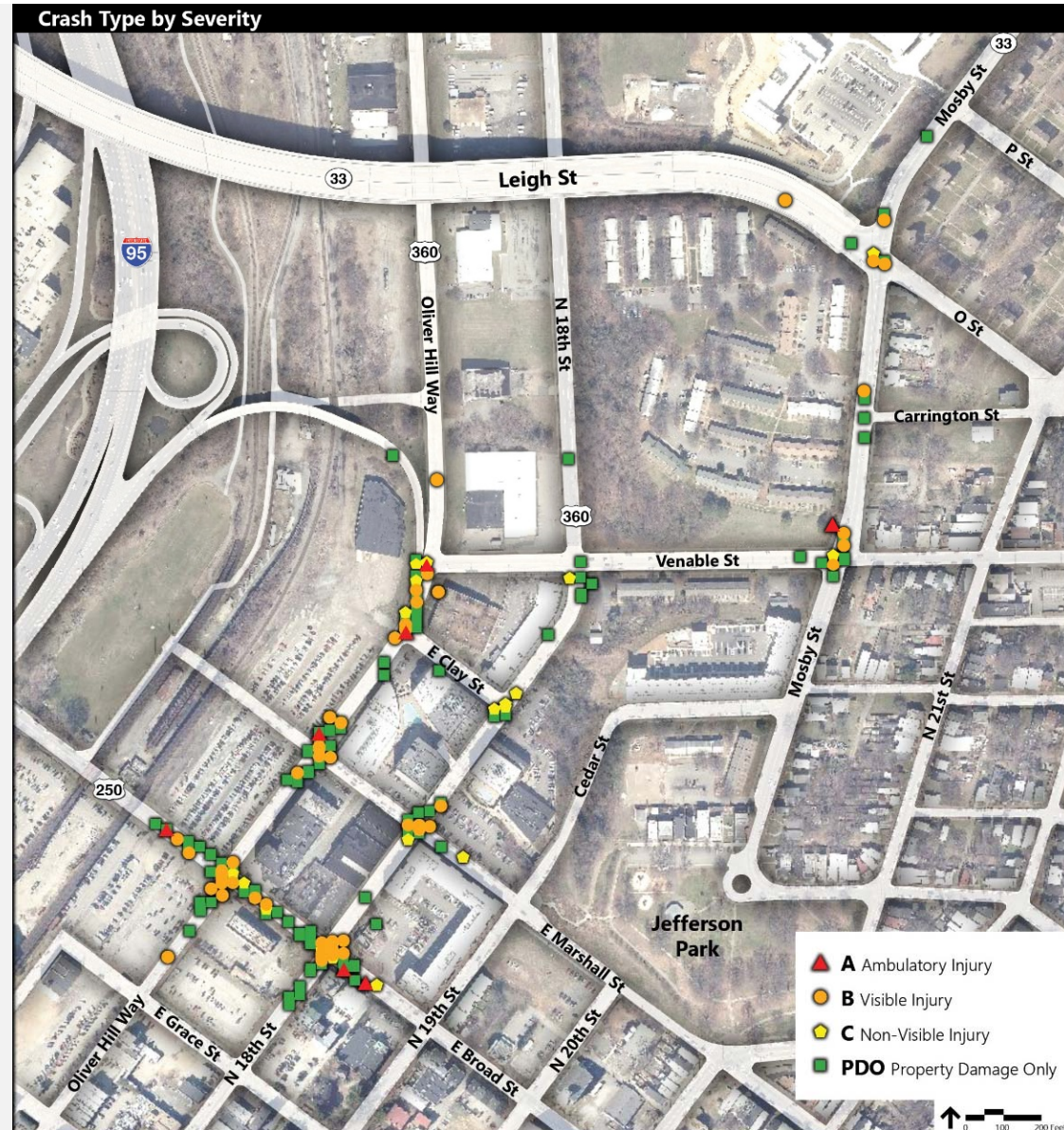




# Safety

## 5- YEAR CRASH ANALYSIS

CRASH SEVERITY	COUNT	PERCENTAGE
Fatality	0	0%
Ambulatory Injury	7	3%
Visible Injury	55	22%
Non-Visible Injury	23	9%
Property Damage Only	167	66%
<b>Total</b>	<b>252</b>	<b>100%</b>

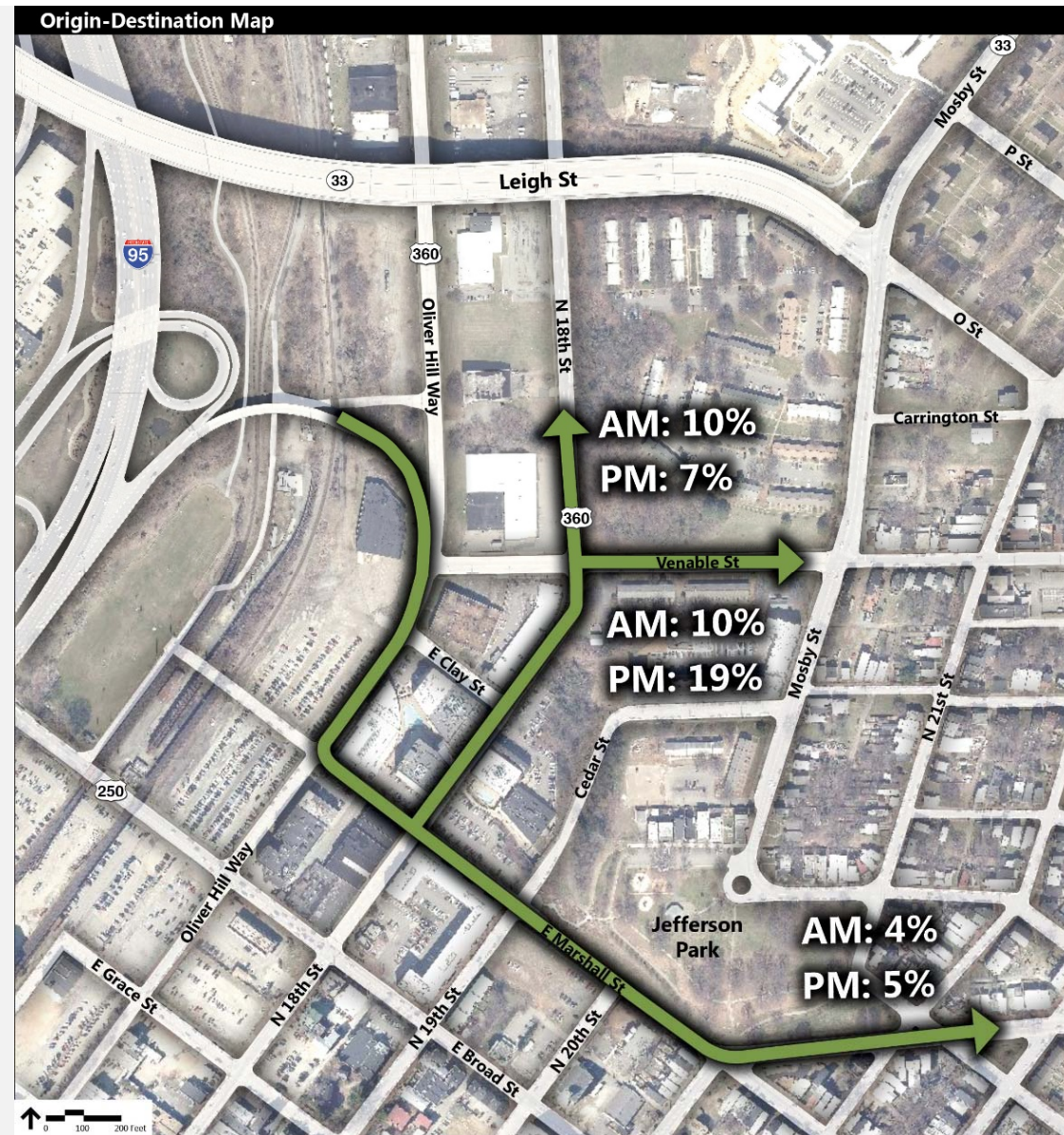




# Connectivity / Access

## VEHICLES

- One-way streets
- Direct access from homes and businesses
- Origin-Destination study reveals latent driver desire to turn left on Venable St. from I-95 off-ramp (currently prohibited)
  - 24% of AM ramp traffic
  - 31% of PM ramp traffic

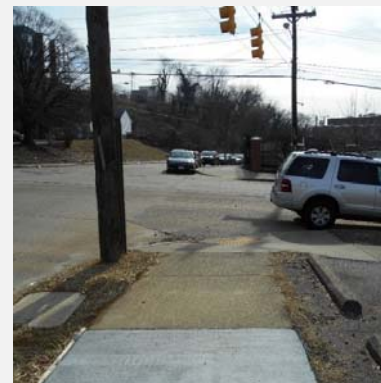




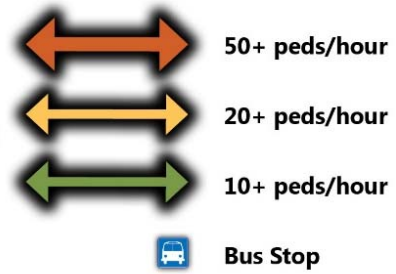
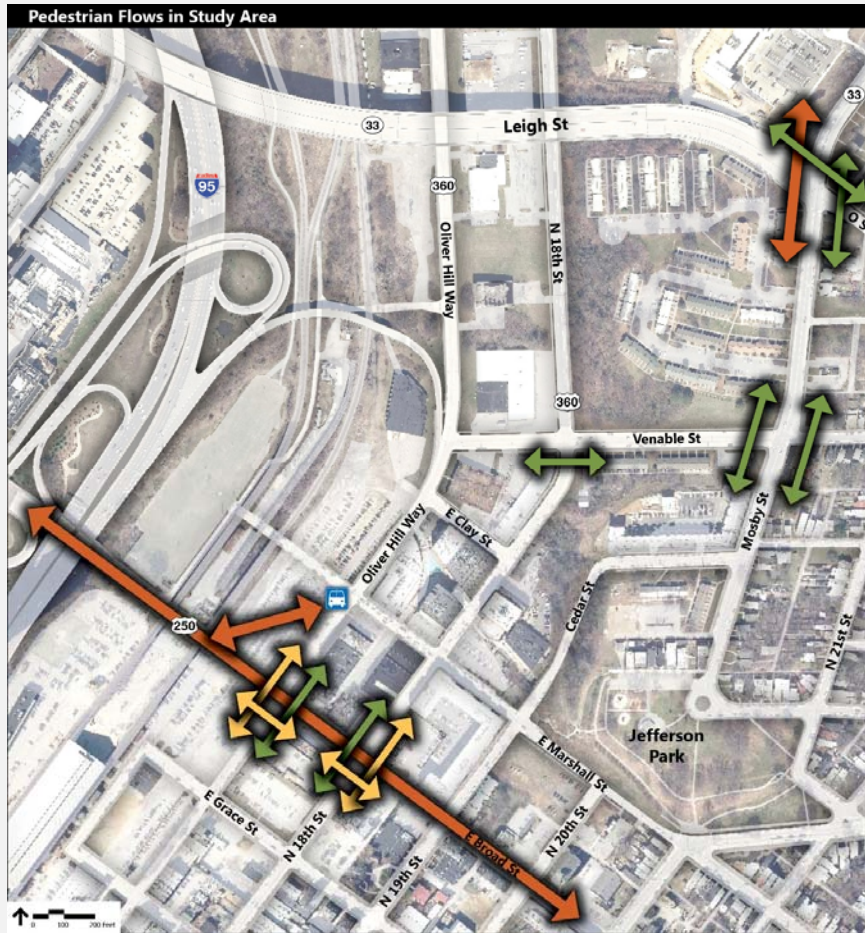
# Connectivity / Access

## PEDESTRIANS AND BICYCLISTS

- Pedestrians
  - Limited pedestrian facilities
  - Lack of crosswalks
  - Condition of existing facilities
  - ADA accommodations
- Bicycles
  - Buffers on Leigh Street Viaduct
  - Sharrows on 18th
  - No connection to Cannon Creek Greenway or Virginia Capital Trail



# Pedestrian Flows





# Connectivity / Access

## TRANSIT

- GRTC
  - Existing Routes
    - 7 on Broad Street
    - 1 serves Mosby neighborhood
  - Planned Routes
    - 2 on Broad Street
    - 2 serves Mosby / Church Hill
- VCU RamRide Sanger Route – serving satellite parking



# Dialogue with the Steering Committee



[WWW.SHOCKOEVALLEYSTREETS.COM](http://WWW.SHOCKOEVALLEYSTREETS.COM)

# Dialogue with the Steering Committee



*GOALS*



*OPPORTUNITIES*



*CONCERNS*





# Next Steps

- Concept Development
- Steering Committee #2 – March 2018
- Public Workshop #1 – April/May 2018





Thank You

