VDOT Virginia Department of Transportation

Making Your RVA Commute Better

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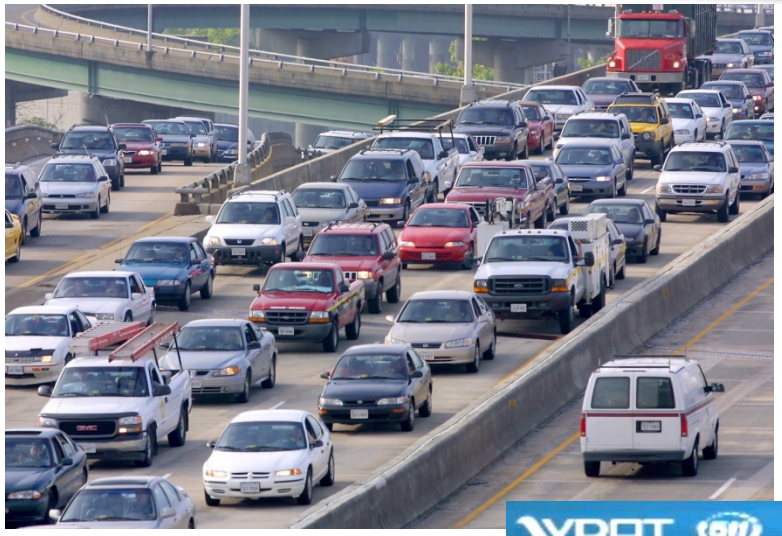
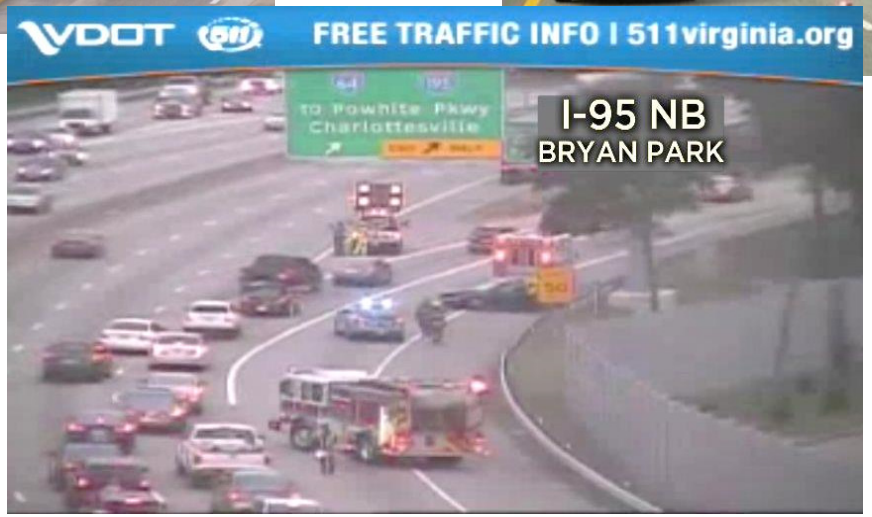
Richmond District Engineer




SOUTH
95
EAST
64
THRU TRAFFIC
EXIT 79
195
SOUTH
To Powhite
Parkway
64
WEST
EXIT ONLY


VDOT
511
FREE TRAFFIC INFO | 511virginia.org
To Powhite Pkwy
Charlottesville
I-95 NB
BRYAN PARK

The significance of the I-95 Corridor

- **High traffic volume, high profile area in metro Richmond; travels through the capital region**
  - **Traffic volume: ~155k vehicles per day**
  - **Percentage of truck traffic: ~7%**
  - **Four interchanges in the I-95/I-64 overlap area**
- **Existing safety needs**
  - **Number of crashes: 554 crashes (past 5 years)**
  - **Safety Service Patrol recently started 24-hour coverage in July 2016**
- **Projects are needed to improve operations and safety**

Investments for RVA commuters

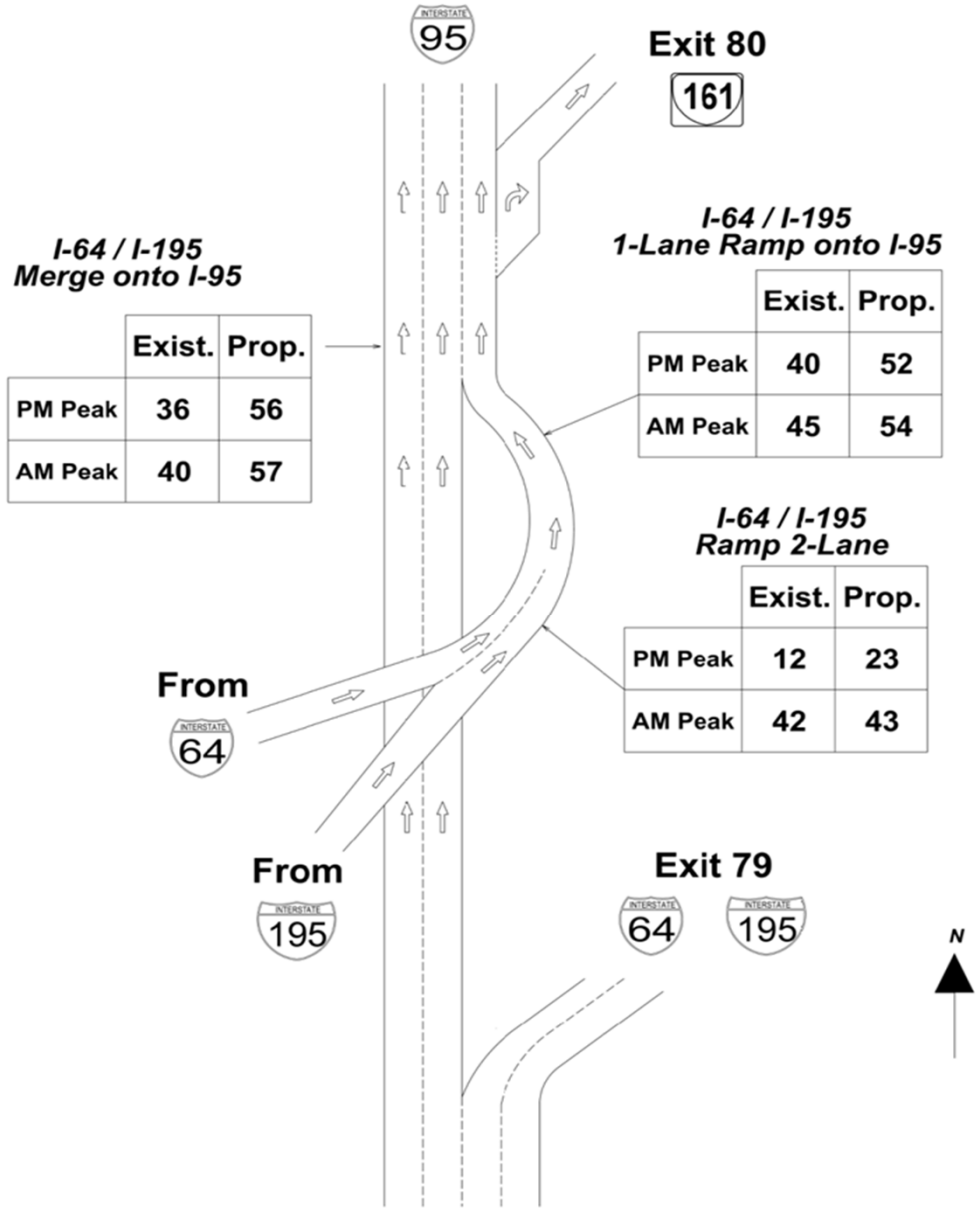
- **SMART SCALE projects**
  - **Seven funded projects in SMART SCALE Round 1**
    - Total of $32.2 million allocated
- **VDOT and its local partners have identified 14 improvement projects for better operations along the I-95 corridor in the metro Richmond region**
  - **Most are small, low-cost projects that make the most of resources**
- **Total cost of all projects = $52.2 million**
  - **Approximately $32.2 million of funding identified through SMART SCALE Round 1**
  - **The remaining $20 million will be funded through a combination of safety and maintenance contributions**
- **Completion dates range from spring 2017-summer 2022**

Project Highlight:
Bryan Park Interchange Improvements

- **I-95 north lane reassignment (between Exits 78-80)**
  - **Allocates lanes according to traffic demand**
  - **Low cost improvement - $80k**
  - **Improves speed by up to 56% during peak travel times = reduced congestion**
  - **All work will be completed within the existing pavement footprint by spring 2017**

Project Highlight: Bryan Park Interchange Improvements:

I-64 EB/I-195 NB Ramps 2026 PM/AM Peak Speeds



I-95 north lane reassignment (between Exits 78-80)

Project Highlight: Bryan Park Interchange Improvements:

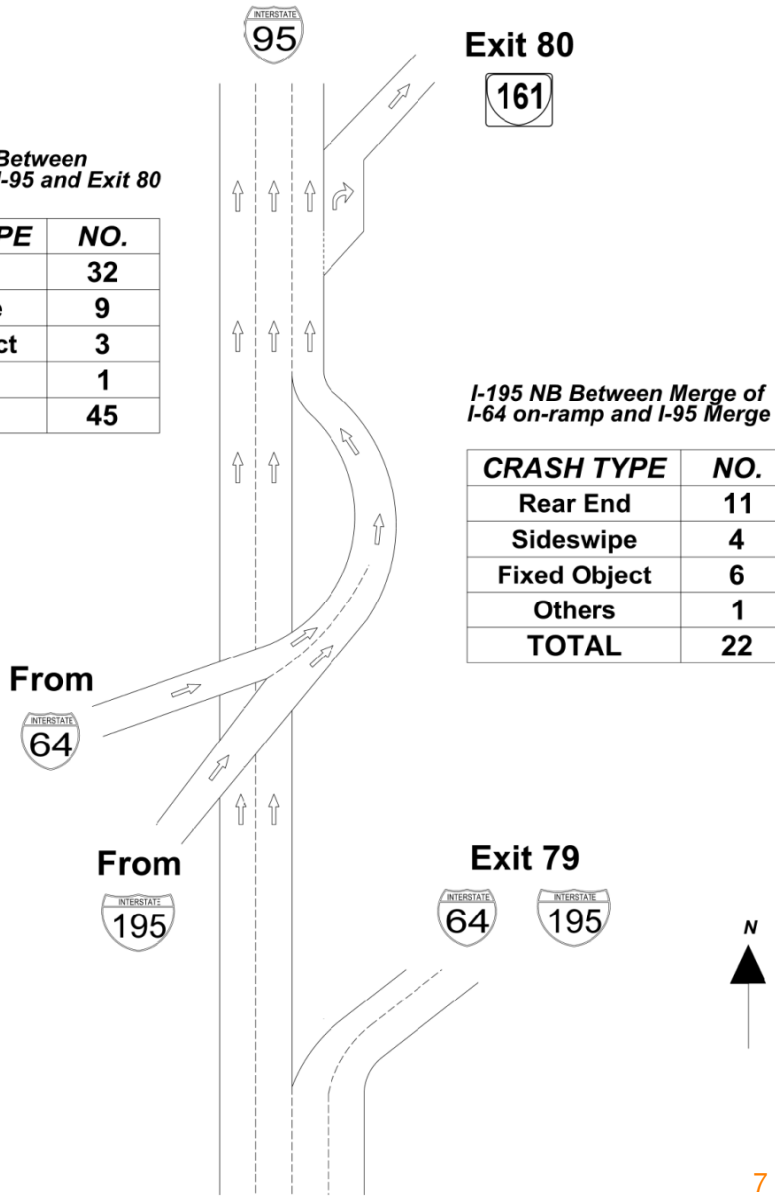
I-64 EB/I-195 NB ramps Crash and Safety Data

I-95 NB Between I-195 Merge to I-95 and Exit 80

CRASH TYPE	NO.
Rear End	32
Sideswipe	9
Fixed Object	3
Others	1
TOTAL	45

I-195 NB Between Merge of I-64 on-ramp and I-95 Merge

CRASH TYPE	NO.
Rear End	11
Sideswipe	4
Fixed Object	6
Others	1
TOTAL	22



I-95 north lane reassignment (between Exits 78-80)

20% Expected crash reduction (~13 crashes over five years)

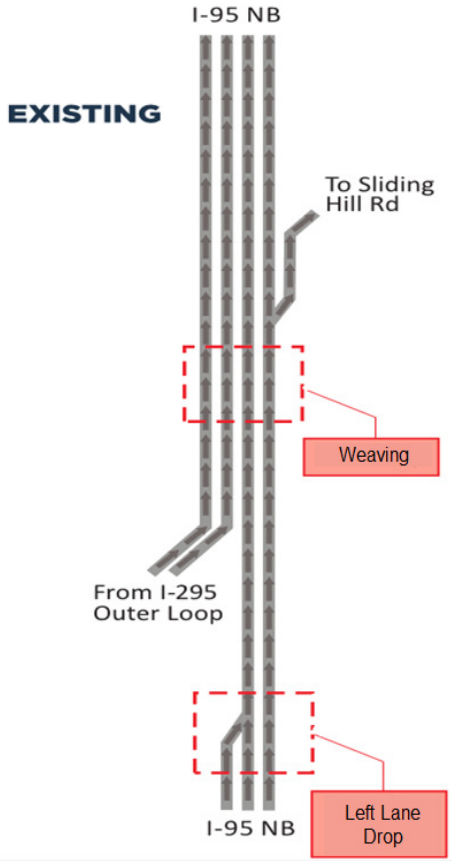
Project Highlight: I-95/I-295 Interchange Improvements north of Richmond

- I-95 north/south lane-reassignment (between Exits 84-89)
  - Allocates lanes according to traffic demand
  - Cost of improvements - $8 million
  - Improves speed during peak travel times = reduced congestion
    - Northbound – by up to 38%
    - Southbound – by up to 50%
  - All work will be completed by the end of 2017

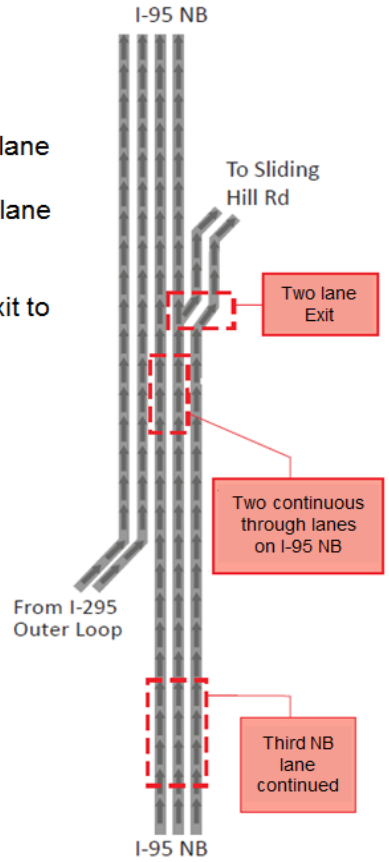
Project Highlight –
I-95/I-295 Interchange Improvements
Northbound: I-95 from I-295 to Sliding Hill (Exits 84-86)

- **Lane-reassignments to improve traffic flow**

Completed by summer 2017



- Creates third NB lane from I-95
- Creates auxiliary lane between I-95 and Sliding Hill Rd.
- Creates 2-lane exit to Sliding Hill Rd.



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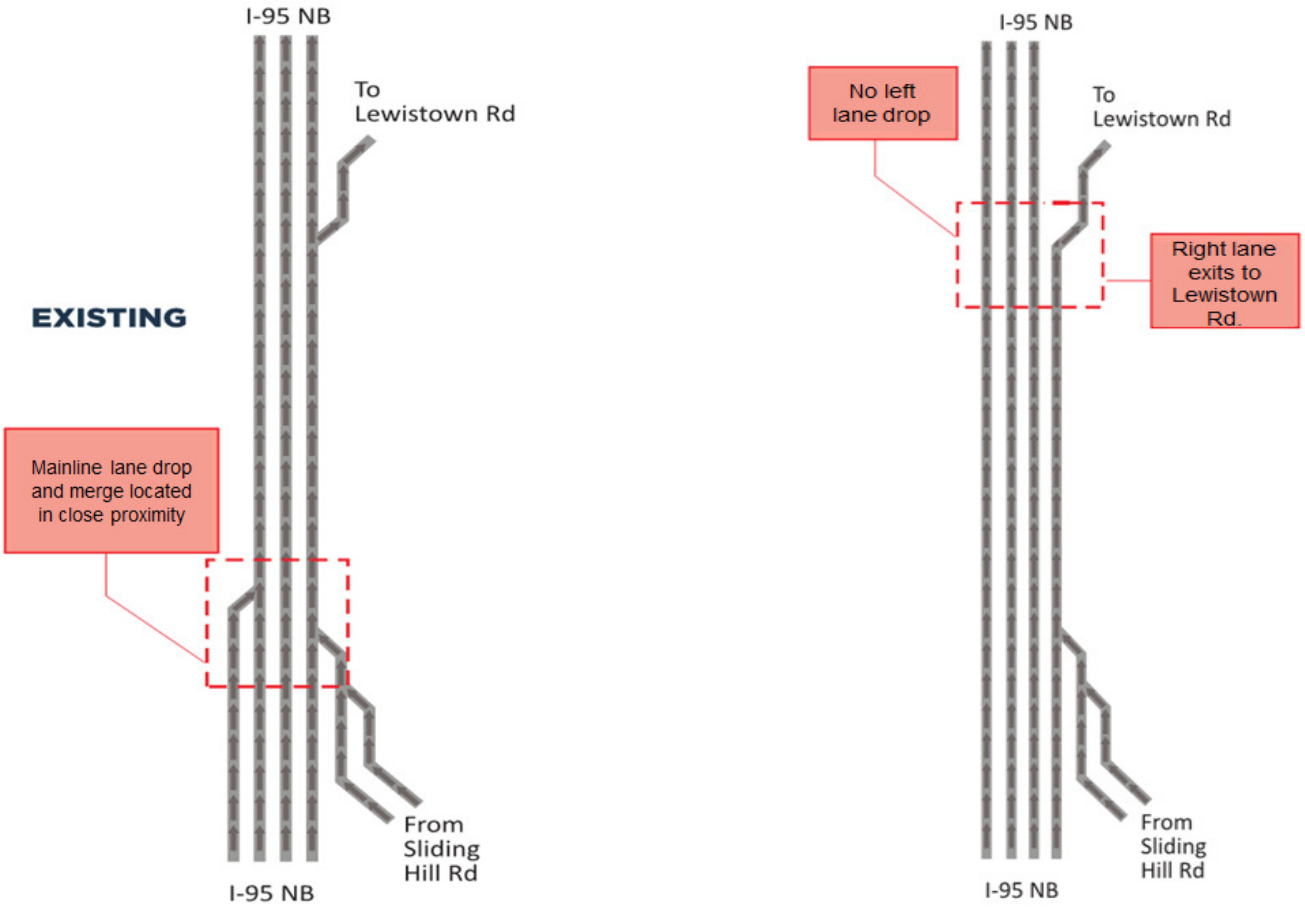
Project Highlight –
I-95/I-295 Interchange Improvements

Northbound: I-95 from Sliding Hill to Lewistown Road (Exits 86-89)

Completed by fall 2017



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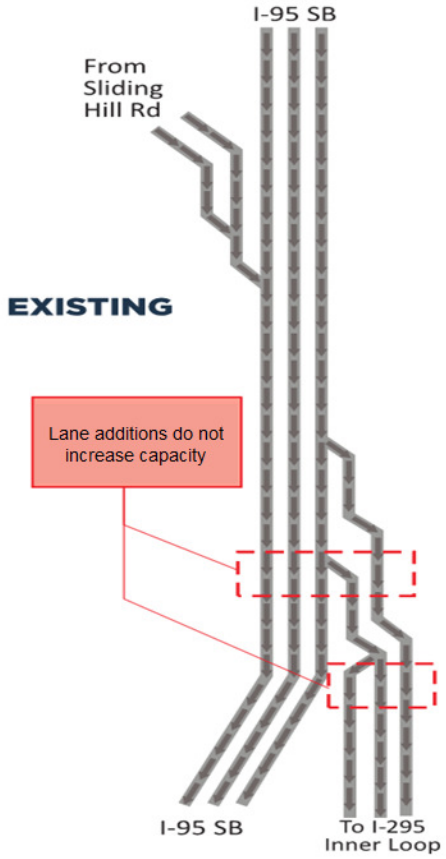
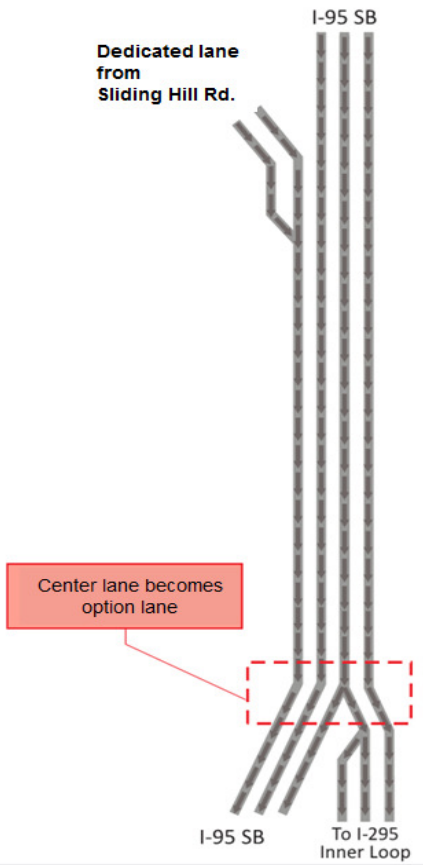
Project Highlight:
I-95/I-295 Interchange Improvements

Southbound: I-95 from Sliding Hill to I-295 (Exits 86-84)

- Lane-reassignments to improve traffic flow

Completed by late 2017





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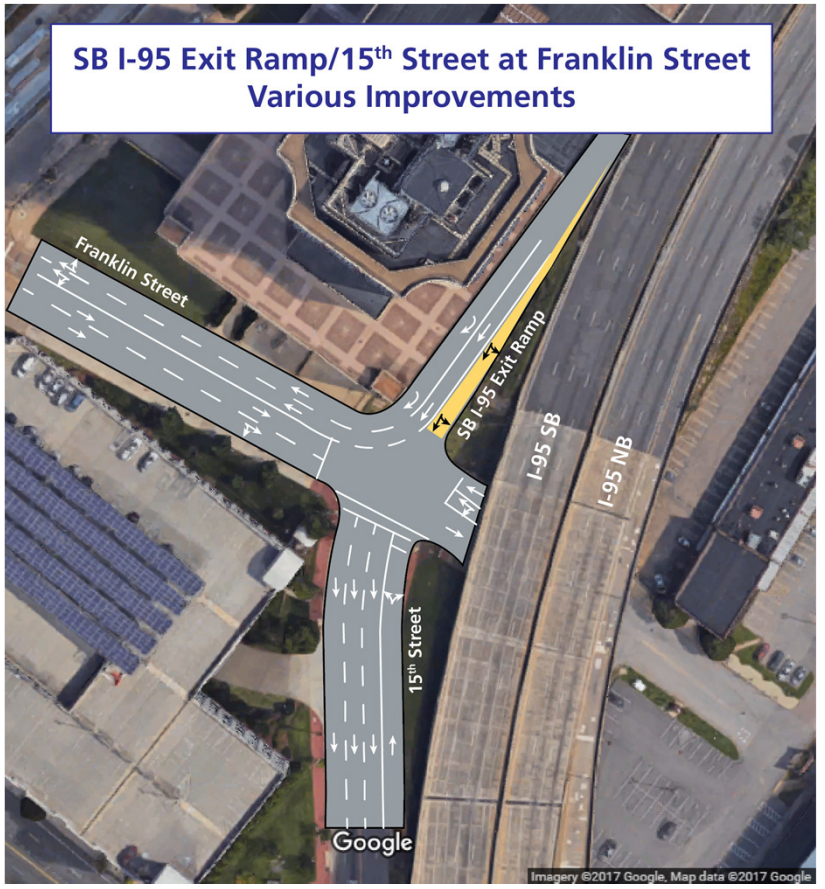
Acceleration/Deceleration Lane Extensions at the I-95/I-64 overlap

Hermitage Road (NB)

Franklin Street



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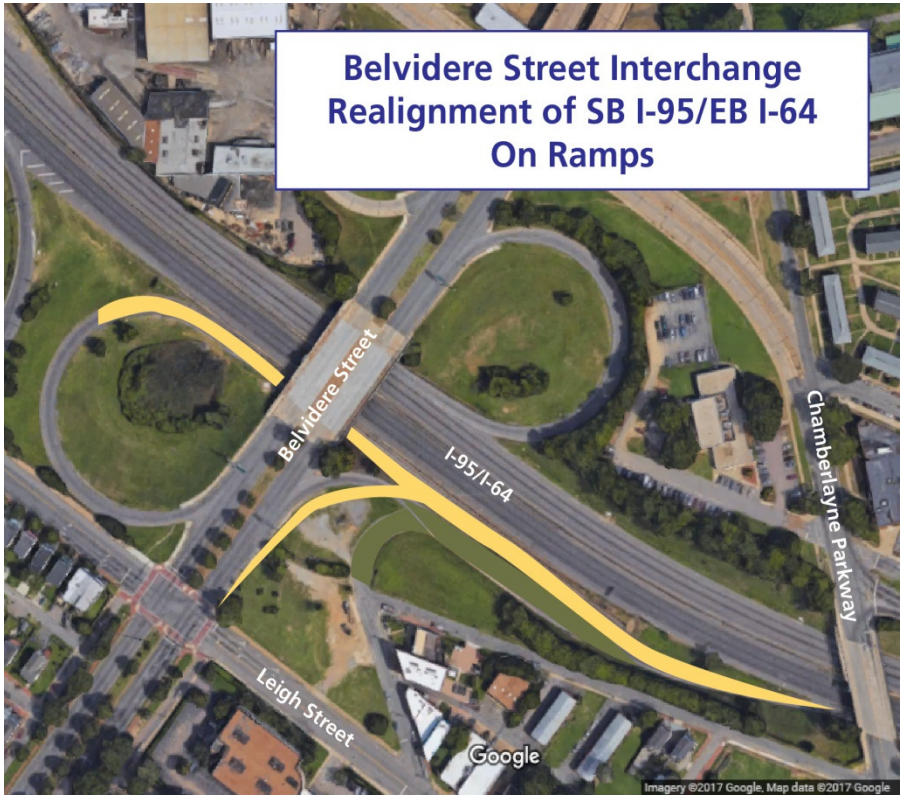
Acceleration/Deceleration Lane Extensions at the I-95/I-64 overlap

Belvidere Street Northbound

Belvidere Street Southbound



Acceleration/Deceleration Lane Extensions at the I-95/I-64 overlap

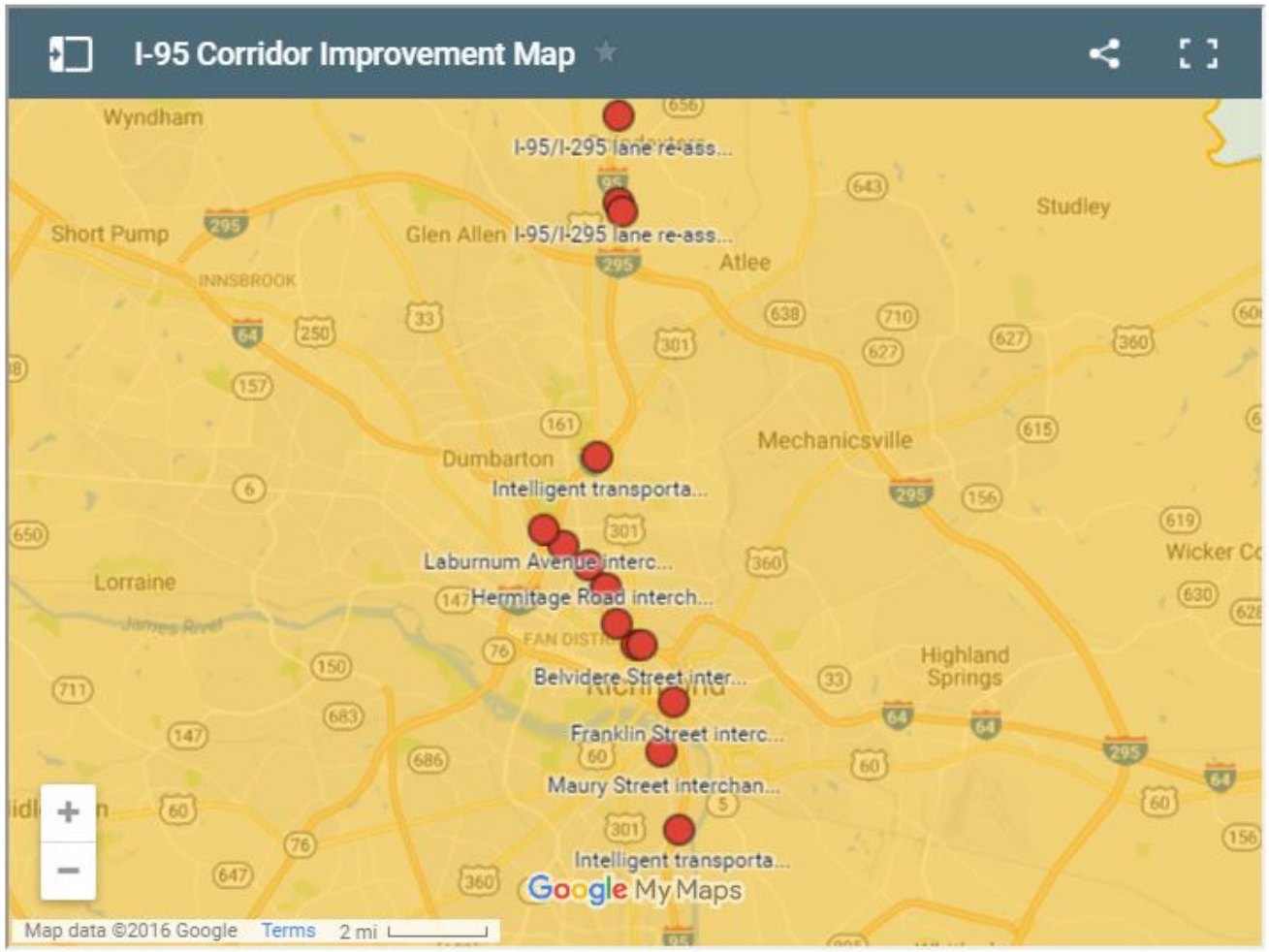
- **Hermitage Road**
  - $2.7 million
  - Complete by summer 2020
- **Franklin Street**
  - $2.5 million
  - Complete by fall 2019
- **Belvidere Street (NB & SB)**
  - $16 million
  - Completed by fall 2021

These projects are currently in public involvement phase

Number of crashes from 2010-2014: 554 total crashes

28% reduction in crashes expected (~156 fewer crashes)

Interactive Map



Moving forward

- **SMART SCALE is delivering**
  - Regional planning
  - Effective projects
  - Real results – A better commute in RVA

- **SMART SCALE Round 2**
  - 2 projects in this section of I-95 under consideration