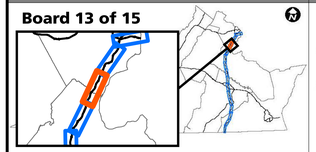
I-95 Corridor Improvement Plan
Potential Improvements

Project Location

Board 13 of 15



Scale

Miles: 0, 0.5, 1

US Feet: 0, 1,000, 2,000, 4,000, 6,000

Legend

LEGEND: Existing Conditions

PERFORMANCE MEASURES BY DIRECTION
(as presented at the July Public Meetings)

- Crash frequency and severity
- Crash severity rate
- Total delay
- Incident delay (lane closure > 1 hr)

For each measure, the top 25% of all mile-long segments in the I-95 corridor across Virginia are shown. Dashed lines (----) indicate segments that are no longer projected to be in the top 25% by 2025 due to improvements.

EXISTING OPERATIONS/MULTIMODAL

- Changeable Message Signs (CMS)
- Cameras
- P&R Lot*

*Existing or to be constructed by 2025

Reference
- Mile Marker (MM)

LEGEND: Potential Improvements

INFRASTRUCTURE

- Widening by One Lane
- Acceleration/ Deceleration Lane Extension
- Curve Improvement
- Potential Solution
- Auxiliary Lane
- Hard Shoulder Running
- Interchange Improvement
- Recently Constructed, Under Construction, or Funded Project
- Shoulder Widening

MULTIMODAL

- P&R Lot Improvement
- New P&R Lot

OPERATIONS

- Ramp Metering

Reference
- Mile Marker (MM)

DRPT Virginia Department of Rail and Public Transportation

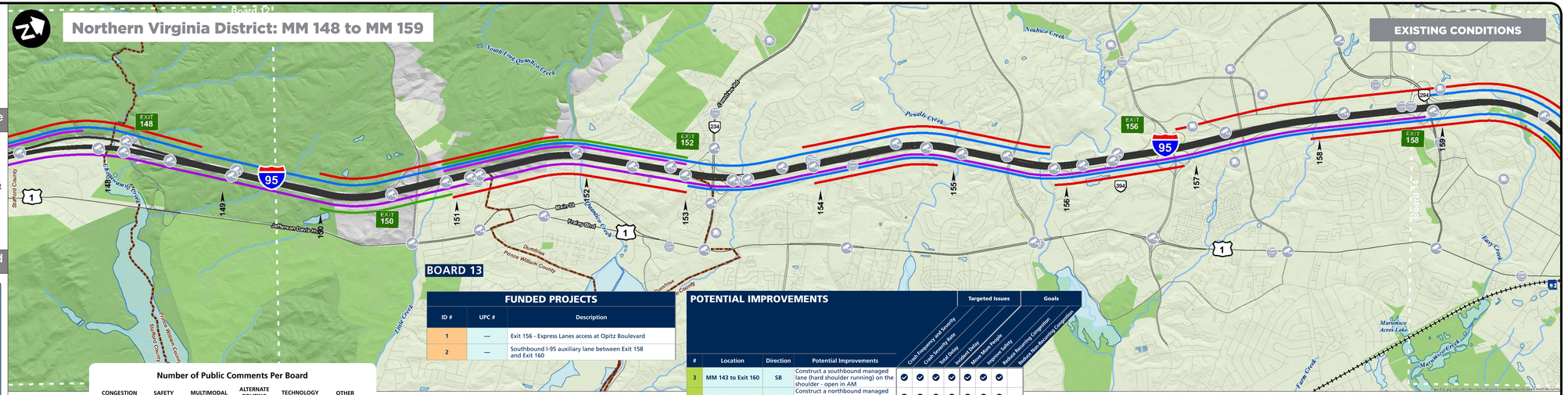
Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

Data Sources: Virginia Department of Transportation 2019, Virginia Geographic Information Network 2019

Northern Virginia District: MM 148 to MM 159

EXISTING CONDITIONS



BOARD 13

FUNDED PROJECTS

ID #	UPC #	Description
1	—	Exit 156 - Express Lanes access at Opitz Boulevard
2	—	Southbound I-95 auxiliary lane between Exit 158 and Exit 160

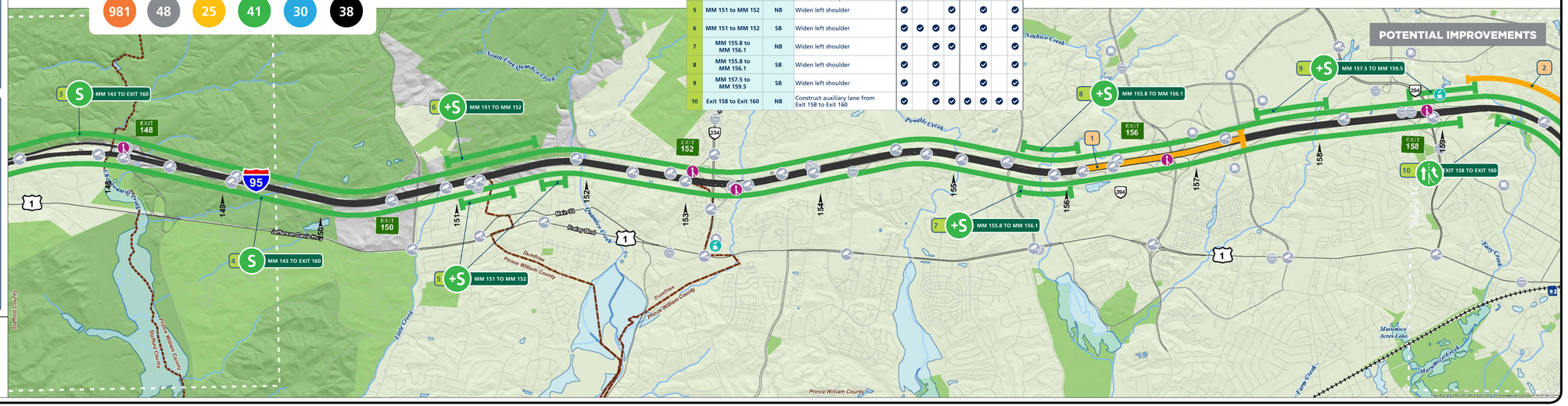
POTENTIAL IMPROVEMENTS

#	Location	Direction	Potential Improvements	Crash Frequency and Severity	Crash Severity Rate	Total Delay	Incident Delay	Move More People	Improve Safety	Reduce Recurring Congestion	Reduce Non-Recurring Congestion
				Targeted Issues						Goals	
3	MM 143 to Exit 160	SB	Construct a southbound managed lane (hard shoulder running) on the shoulder - open in AM	✔	✔	✔	✔	✔	✔	✔	
4	MM 143 to Exit 160	NB	Construct a northbound managed lane (hard shoulder running) on the shoulder - open in PM	✔	✔	✔	✔	✔	✔	✔	
5	MM 151 to MM 152	NB	Widen left shoulder	✔			✔		✔		✔
6	MM 151 to MM 152	SB	Widen left shoulder	✔	✔	✔	✔		✔		✔
7	MM 155.8 to MM 156.1	NB	Widen left shoulder	✔		✔	✔		✔		✔
8	MM 155.8 to MM 156.1	SB	Widen left shoulder	✔		✔			✔		✔
9	MM 157.5 to MM 159.5	SB	Widen left shoulder	✔		✔			✔		✔
10	Exit 158 to Exit 160	NB	Construct auxiliary lane from Exit 158 to Exit 160	✔		✔	✔	✔	✔	✔	✔

Number of Public Comments Per Board

CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
981	48	25	41	30	38

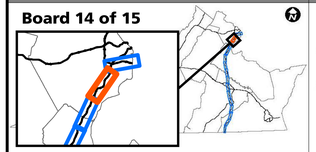
POTENTIAL IMPROVEMENTS



I-95 Corridor Improvement Plan
Potential Improvements

Project Location

Board 14 of 15



Scale

Miles: 0, 0.5, 1

US Feet: 0, 1,000, 2,000, 4,000, 6,000

Legend

LEGEND: Existing Conditions

PERFORMANCE MEASURES BY DIRECTION
(as presented at the July Public Meetings)

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EXISTING OPERATIONS/MULTIMODAL

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- Cameras
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LEGEND: Potential Improvements

INFRASTRUCTURE

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- Auxiliary Lane
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- Interchange Improvement
- Recently Constructed, Under Construction, or Funded Project
- Shoulder Widening

MULTIMODAL

- P&R Lot Improvement
- New P&R Lot

OPERATIONS

- Ramp Metering

Reference
- Mile Marker (MM)

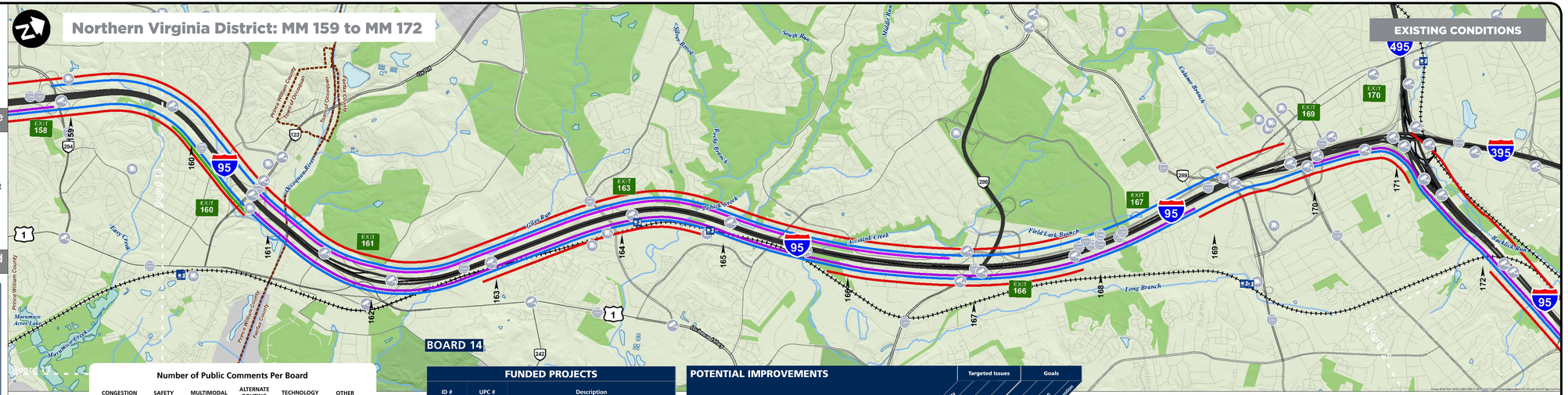
DRPT Virginia Department of Rail and Public Transportation

Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

Data Sources: Virginia Department of Transportation 2019, Virginia Geographic Information Network 2019

Northern Virginia District: MM 159 to MM 172



BOARD 14

Number of Public Comments Per Board

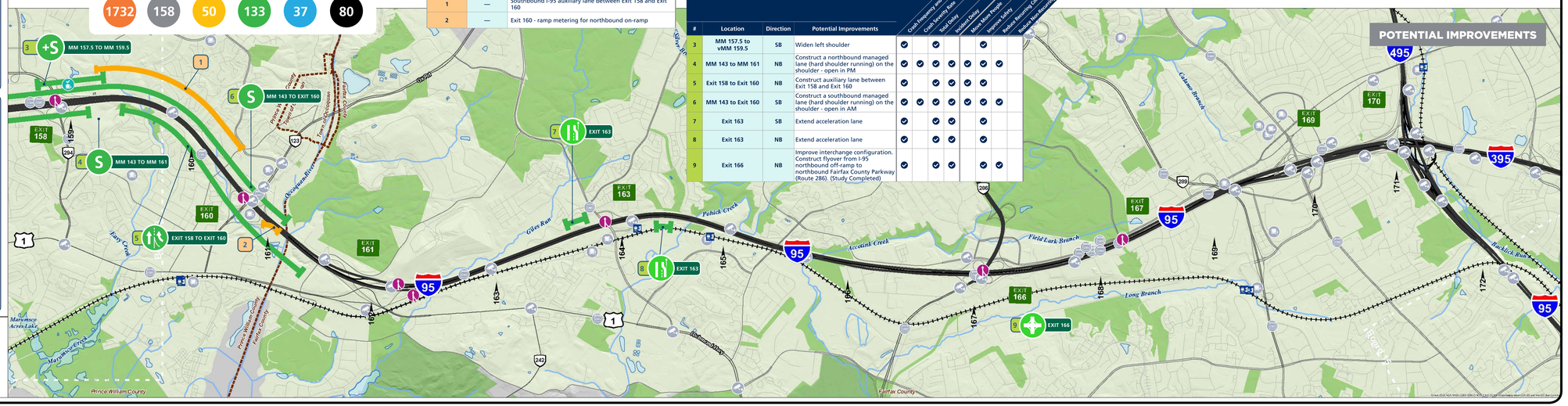
CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
1732	158	50	133	37	80

FUNDED PROJECTS

ID #	UPC #	Description
1	—	Southbound I-95 auxiliary lane between Exit 158 and Exit 160
2	—	Exit 160 - ramp metering for northbound on-ramp

POTENTIAL IMPROVEMENTS

#	Location	Direction	Potential Improvements	Crash Frequency and Severity	Crash Severity Rate	Total Delay	Incident Delay	Move More People	Improve Safety	Reduce Recurring Congestion	Reduce Non-Recurring Congestion
				Targeted Issues				Goals			
3	MM 157.5 to vMM 159.5	SB	Widen left shoulder	✓		✓		✓			
4	MM 143 to MM 161	NB	Construct a northbound managed lane (hard shoulder running) on the shoulder - open in PM	✓	✓	✓	✓	✓	✓	✓	
5	Exit 158 to Exit 160	NB	Construct auxiliary lane between Exit 158 and Exit 160	✓		✓	✓	✓	✓		
6	MM 143 to Exit 160	SB	Construct a southbound managed lane (hard shoulder running) on the shoulder - open in AM	✓	✓	✓	✓	✓	✓	✓	
7	Exit 163	SB	Extend acceleration lane	✓		✓	✓		✓		
8	Exit 163	NB	Extend acceleration lane	✓		✓	✓		✓		
9	Exit 166	NB	Improve interchange configuration. Construct flyover from I-95 northbound off-ramp to northbound Fairfax County Parkway (Route 286). (Study Completed)	✓		✓	✓		✓	✓	



I-95 Corridor Improvement Plan
Potential Improvements

Project Location

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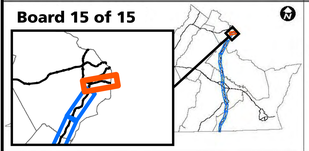

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MULTIMODAL

- P&R Lot Improvement
- New P&R Lot

OPERATIONS

- Ramp Metering

Reference
- Mile Marker (MM)

DRPT Virginia Department of Rail and Public Transportation

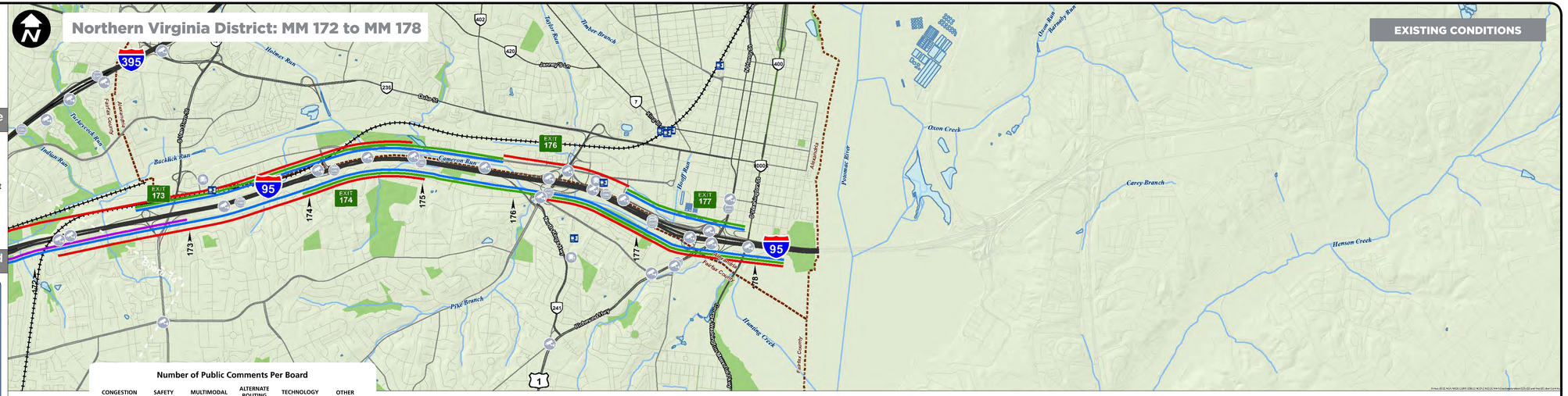
Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

Data Sources: Virginia Department of Transportation 2019, Virginia Geographic Information Network 2019

Northern Virginia District: MM 172 to MM 178

EXISTING CONDITIONS



Number of Public Comments Per Board

CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
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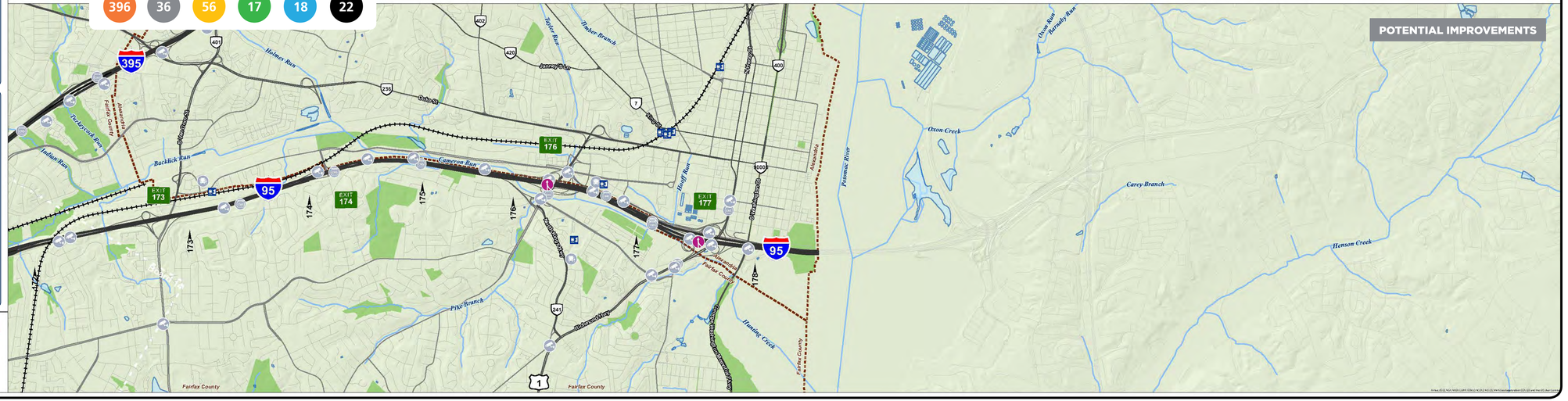
POTENTIAL IMPROVEMENTS