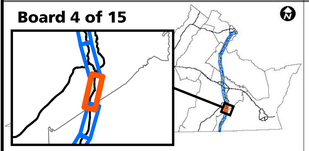
I-95 Corridor Improvement Plan
Potential Improvements

Project Location

Board 4 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)

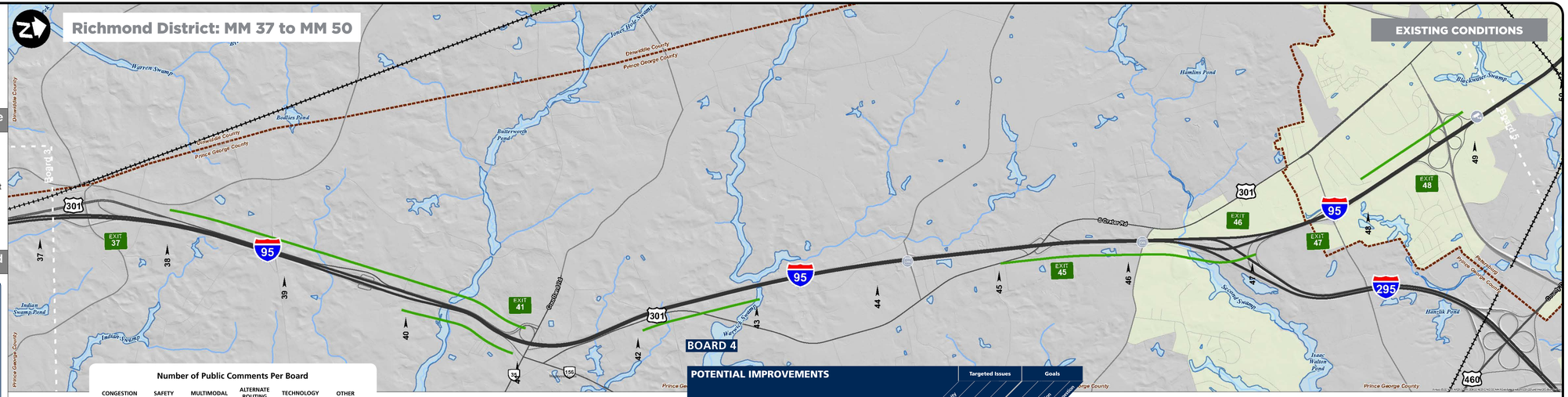
DRPT Virginia Department of Rail and Public Transportation

Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

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

Richmond District: MM 37 to MM 50



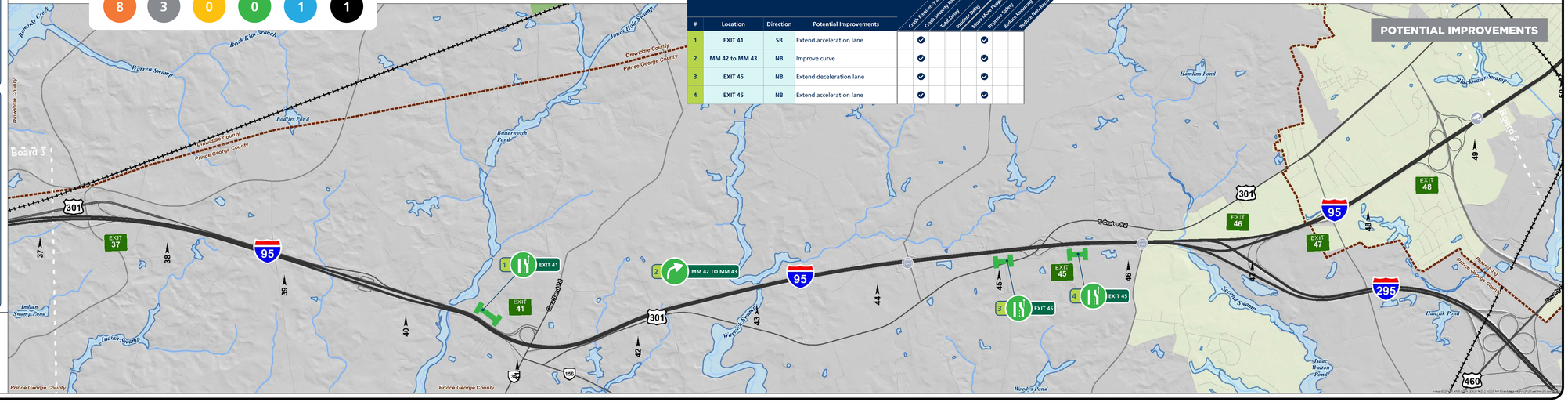
Number of Public Comments Per Board

CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
8	3	0	0	1	1

BOARD 4

POTENTIAL IMPROVEMENTS

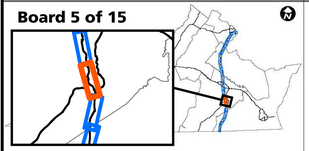
#	Location	Direction	Potential Improvements	Crash Frequency and Severity	Crash Severity Rates	Total Delay	Incident Delay	Multimodal	Improve Safety	Reduce Recurring Congestion	Reduce Non-Recurring Congestion
				Targeted Issues						Goals	
1	EXIT 41	SB	Extend acceleration lane	✓				✓			
2	MM 42 to MM 43	NB	Improve curve	✓				✓			
3	EXIT 45	NB	Extend deceleration lane	✓				✓			
4	EXIT 45	NB	Extend acceleration lane	✓				✓			



I-95 Corridor Improvement Plan
Potential Improvements

Project Location

Board 5 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)

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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)

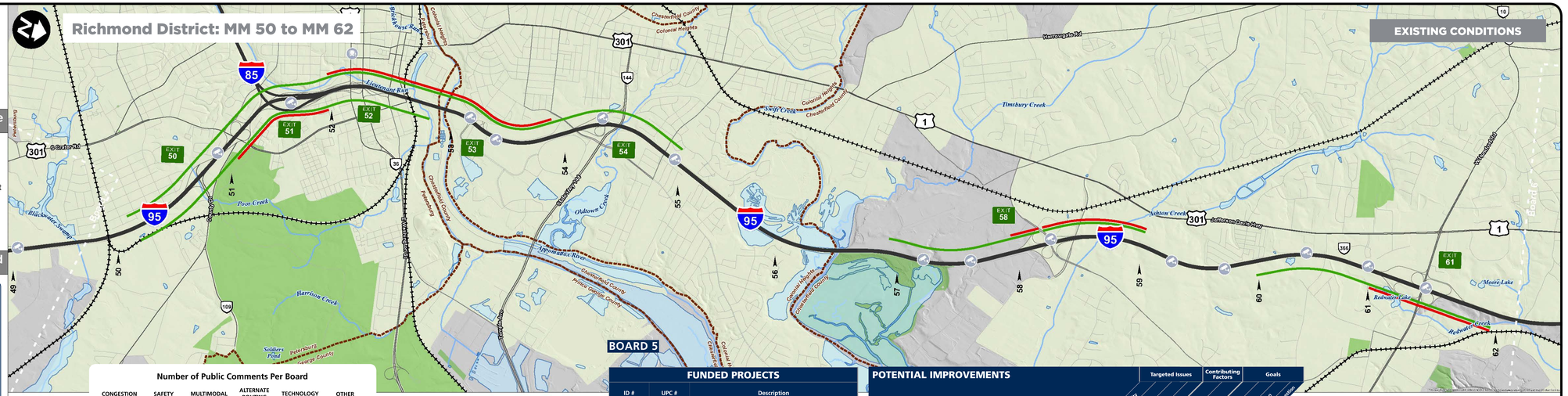
DRPT Virginia Department of Rail and Public Transportation

Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

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

Richmond District: MM 50 to MM 62



Number of Public Comments Per Board

CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
67	50	1	5	4	6

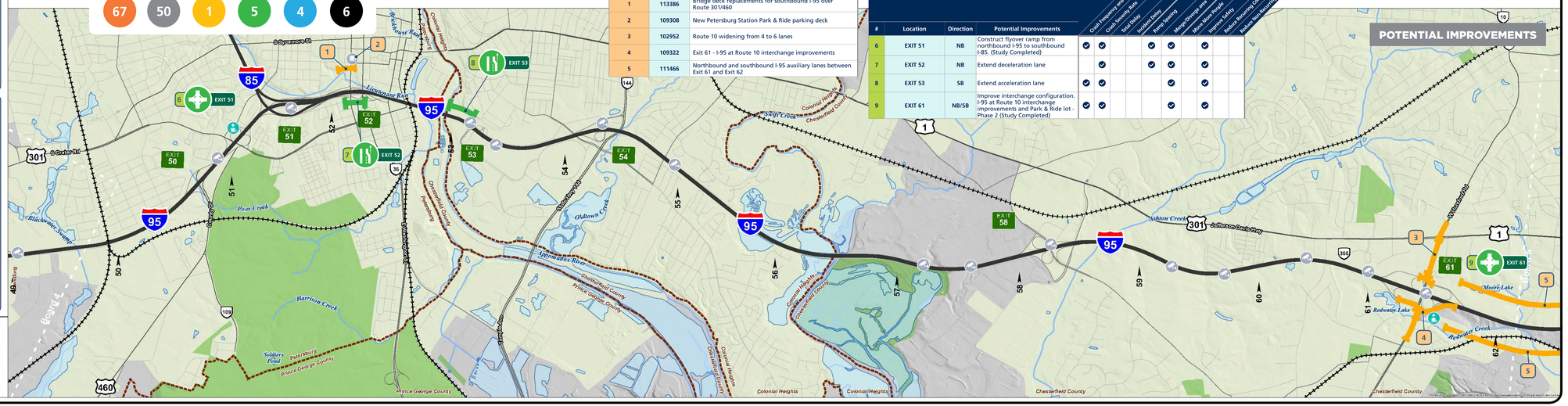
BOARD 5

FUNDED PROJECTS

ID #	UPC #	Description
1	113386	Bridge deck replacements for southbound I-95 over Route 301/460
2	109308	New Petersburg Station Park & Ride parking deck
3	102952	Route 10 widening from 4 to 6 lanes
4	109322	Exit 61 - I-95 at Route 10 interchange improvements
5	111466	Northbound and southbound I-95 auxiliary lanes between Exit 61 and Exit 62

POTENTIAL IMPROVEMENTS

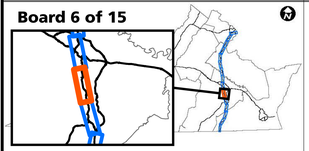
#	Location	Direction	Potential Improvements	Targeted Issues: Crash frequency and severity	Crash Severity Rate	Total Delay	Incident Delay	Ramp Queuing	Merge/Diverge areas	Move More People	Improve Safety	Contributing Factors: Reduce Roadway Congestion	Goals: Reduce Multimodal Congestion
6	EXIT 51	NB	Construct flyover ramp from northbound I-95 to southbound I-85. (Study Completed)	✔	✔			✔	✔	✔			
7	EXIT 52	NB	Extend deceleration lane		✔			✔	✔	✔			
8	EXIT 53	SB	Extend acceleration lane	✔	✔				✔	✔			
9	EXIT 61	NB/SB	Improve interchange configuration. I-95 at Route 10 interchange improvements and Park & Ride lot - Phase 2 (Study Completed)	✔	✔				✔	✔			



I-95 Corridor Improvement Plan
Potential Improvements

Project Location

Board 6 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
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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)

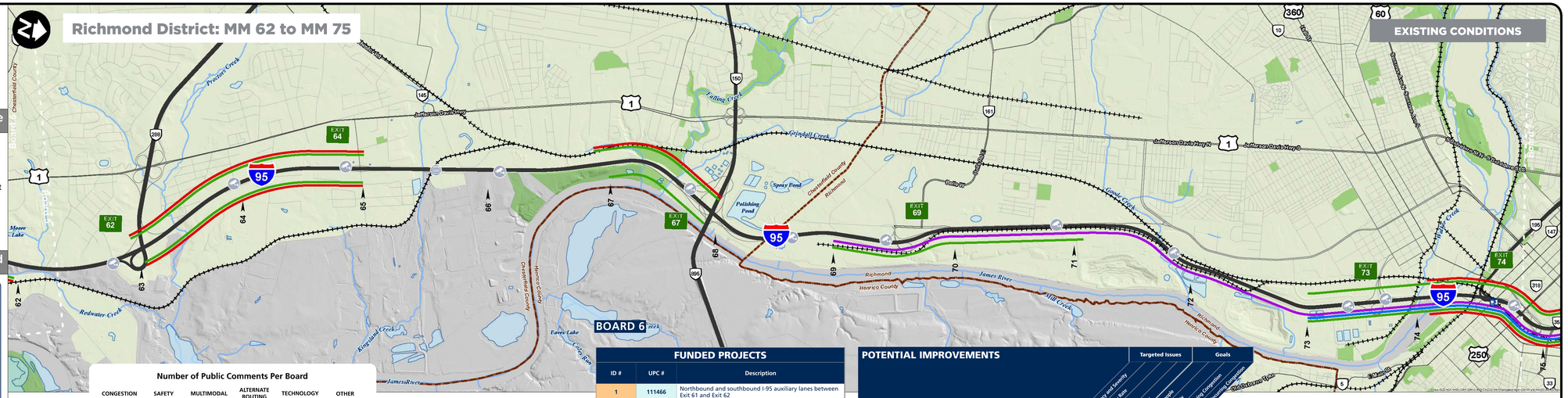
DRPT Virginia Department of Rail and Public Transportation

Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

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

Richmond District: MM 62 to MM 75


EXISTING CONDITIONS
EXIT 62
EXIT 64
EXIT 67
EXIT 69
EXIT 73
EXIT 74
Chesterfield County
Henrico County
Richmond
James River
Jefferson Davis Hwy
Bellwood
Hull Street
Belt Blvd
Powhite Pkwy
Chesterfield Expy
Midlothian Tpk
Boulevard
Broad Rock Blvd
Hopkins Rd
Ironbridge Rd
Walmsley Blvd
Hull Street Rd
Belt Blvd
Powhite Creek
Proctor Creek
Falling Creek
Grindall Creek
Spray Pond
Polishing Pond
Gillies Creek
Moore Lake
Redwater Creek
Kingland Creek
Eanes Lake
Cocke Bay
Cornelius Creek
Shockoe Creek
Almond Creek
Old Dominion Tpk
Bremo Bluff
Richmond Henrico Tpk
Chamberlayne Ave
Brook Rd
Lakeside Ave
Broad St
Parham Rd
Staples Mill Rd
Gaskins Rd
Ashland Rd
Cedar Fork Rd
Hermitage Rd
Nine Mile Rd
Williamsburg Rd
Charles City Rd
Laburnum Ave
Mechanicsville Tpk
Hungary Rd
Ladies Ave
Ruthers Rd
Cutshaw Ave
Dabbs House Rd
Hospital St
Bellevue Ave

I-95 Corridor Improvement Plan
Potential Improvements

Project Location

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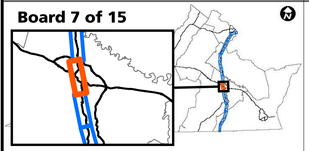

Scale

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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- Total delay
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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

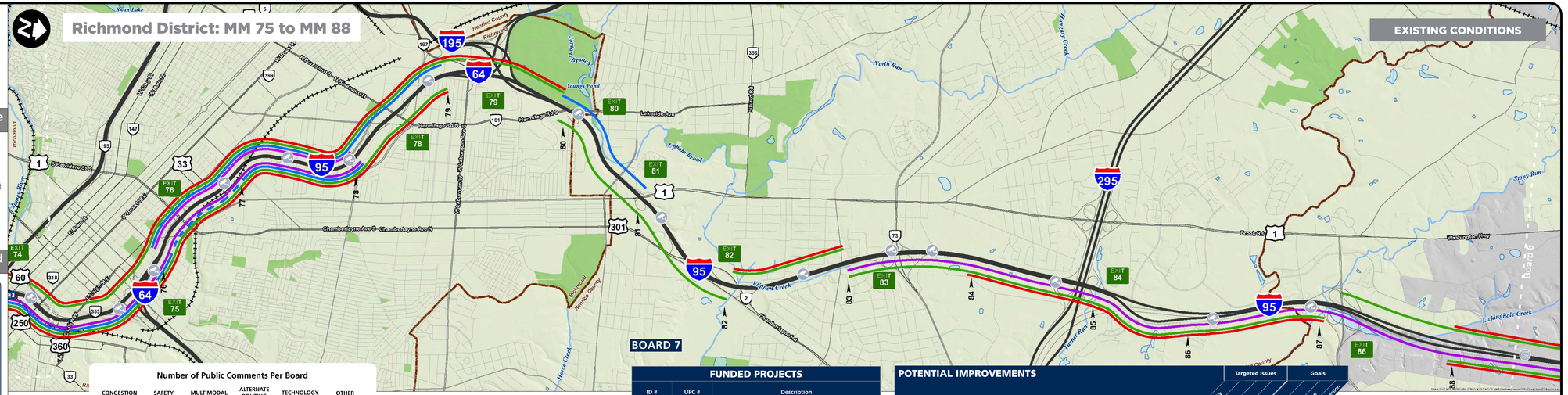
Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

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

Richmond District: MM 75 to MM 88

EXISTING CONDITIONS



BOARD 7

Number of Public Comments Per Board

CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
565	167	46	20	11	26

FUNDED PROJECTS

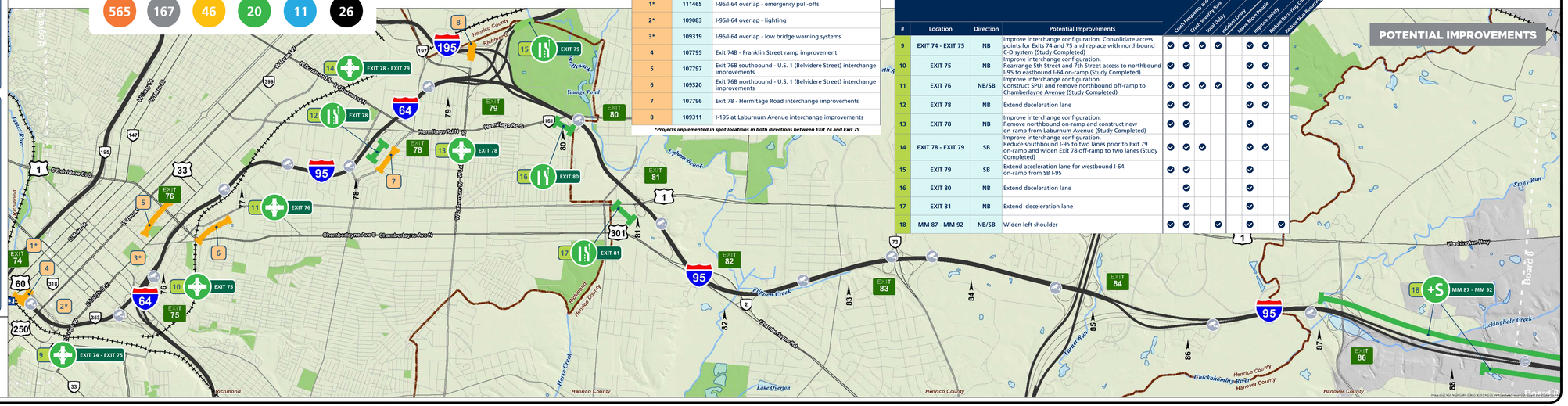
ID #	UPC #	Description
1*	111465	I-95/I-64 overlap - emergency pull-offs
2*	109083	I-95/I-64 overlap - lighting
3*	109319	I-95/I-64 overlap - low bridge warning systems
4	107795	Exit 74B - Franklin Street ramp improvement
5	107797	Exit 76B southbound - U.S. 1 (Belvidere Street) interchange improvements
6	109320	Exit 76B northbound - U.S. 1 (Belvidere Street) interchange improvements
7	107796	Exit 78 - Hermitage Road interchange improvements
8	109311	I-195 at Laburnum Avenue interchange improvements

*Projects implemented in spot locations in both directions between Exit 74 and Exit 79

POTENTIAL IMPROVEMENTS

#	Location	Direction	Potential Improvements	Crash Frequency and Severity	Crash Severity Rate	Total Delay	Incident Delay	Move More People	Improve Safety	Reduce Roadway Congestion	Reduce Non-Recurring Congestion
				Targeted Issues				Goals			
9	EXIT 74 - EXIT 75	NB	Improve interchange configuration. Consolidate access points for Exits 74 and 75 and replace with northbound C-D system (Study Completed)	✓	✓	✓	✓		✓	✓	
10	EXIT 75	NB	Improve interchange configuration. Rearrange 5th Street and 7th Street access to northbound I-95 to eastbound I-64 on-ramp (Study Completed)	✓	✓				✓	✓	
11	EXIT 76	NB/SB	Improve interchange configuration. Construct SPUI and remove northbound off-ramp to Chamberlayne Avenue (Study Completed)	✓	✓	✓	✓		✓	✓	
12	EXIT 78	NB	Extend deceleration lane	✓	✓				✓	✓	
13	EXIT 78	NB	Improve interchange configuration. Remove northbound on-ramp and construct new on-ramp from Laburnum Avenue (Study Completed)	✓	✓				✓		
14	EXIT 78 - EXIT 79	SB	Improve interchange configuration. Reduce southbound I-95 to two lanes prior to Exit 79 on-ramp and widen Exit 78 off-ramp to two lanes (Study Completed)	✓	✓	✓			✓	✓	
15	EXIT 79	SB	Extend acceleration lane for westbound I-64 on-ramp from SB I-95	✓	✓				✓		
16	EXIT 80	NB	Extend deceleration lane		✓				✓		
17	EXIT 81	NB	Extend deceleration lane		✓				✓		
18	MM 87 - MM 92	NB/SB	Widen left shoulder	✓	✓		✓		✓		✓

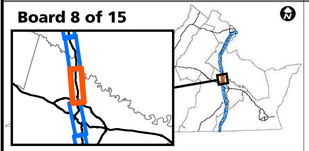
POTENTIAL IMPROVEMENTS



I-95 Corridor Improvement Plan
Potential Improvements

Project Location

Board 8 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

- CMS — 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

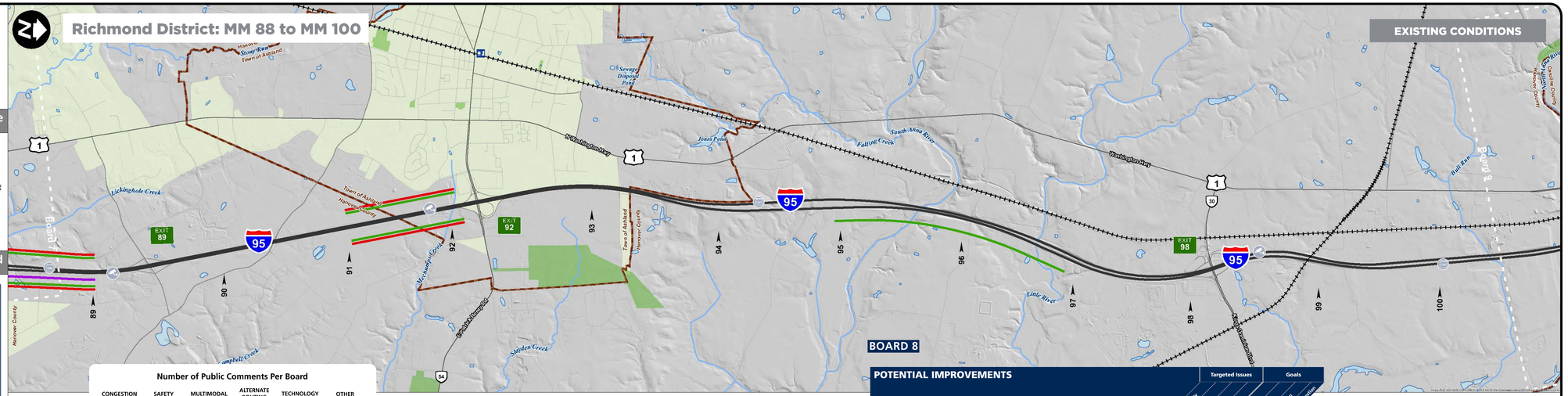
Office of INTERMODAL Planning and Investment

VDOT Virginia Department of Transportation

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

Richmond District: MM 88 to MM 100

EXISTING CONDITIONS

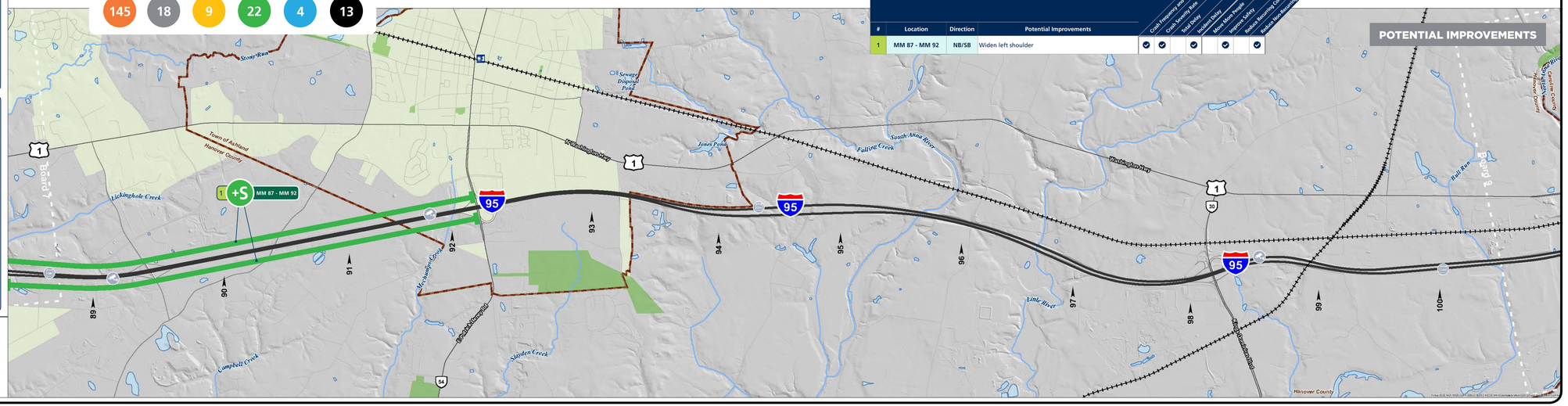


Number of Public Comments Per Board

CONGESTION	SAFETY	MULTIMODAL	ALTERNATE ROUTING	TECHNOLOGY	OTHER
145	18	9	22	4	13

BOARD 8

POTENTIAL IMPROVEMENTS

#	Location	Direction	Potential Improvements	Crash Frequency and Severity	Crash Severity Rate	Total Delay	Incident Delay	Improve Mobility	Improve Safety	Reduce Recurring Congestion	Reduce Non-Recurring Congestion
				Targeted Issues				Goals			
1	MM 87 - MM 92	NB/SB	Widen left shoulder	✓	✓		✓		✓		✓

POTENTIAL IMPROVEMENTS