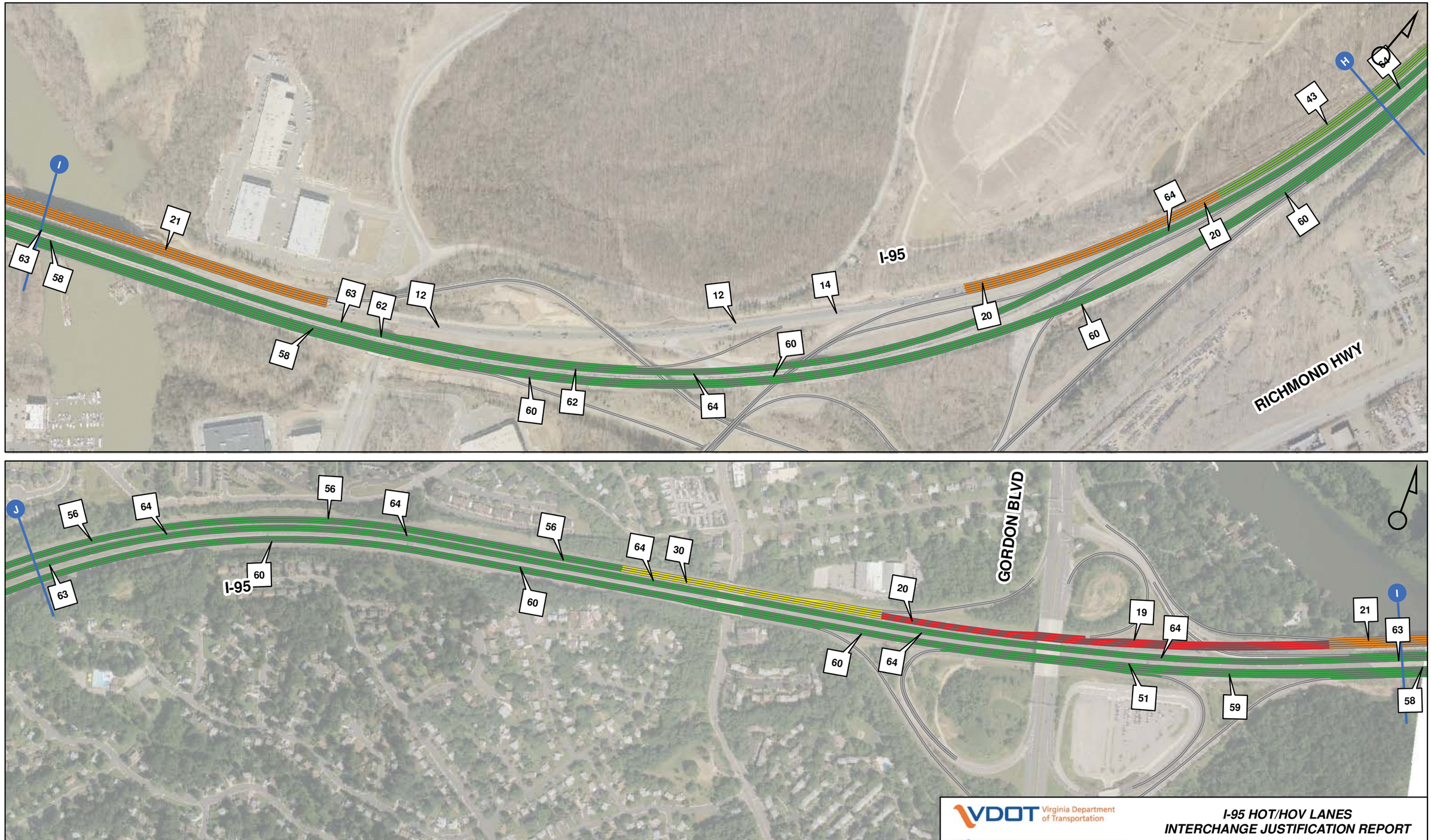


Feet
0 250 500 1,000

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH; 20 - 30 MPH; 30 - 40 MPH; 40 - 50 MPH; > 50 MPH

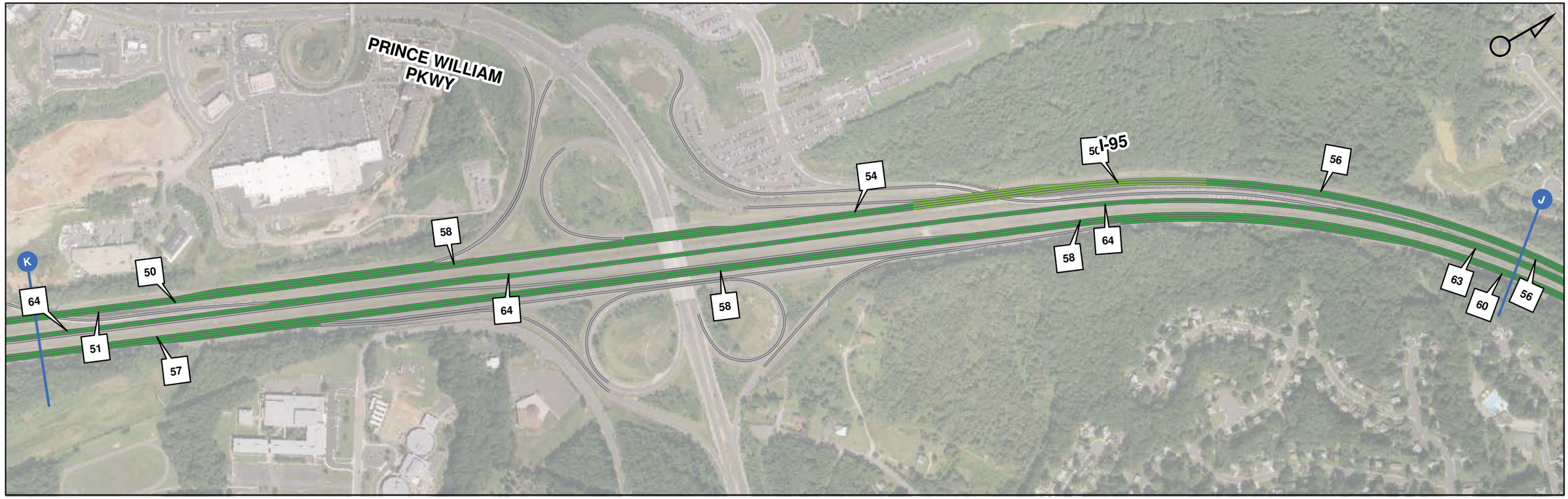
VDOT Virginia Department of Transportation

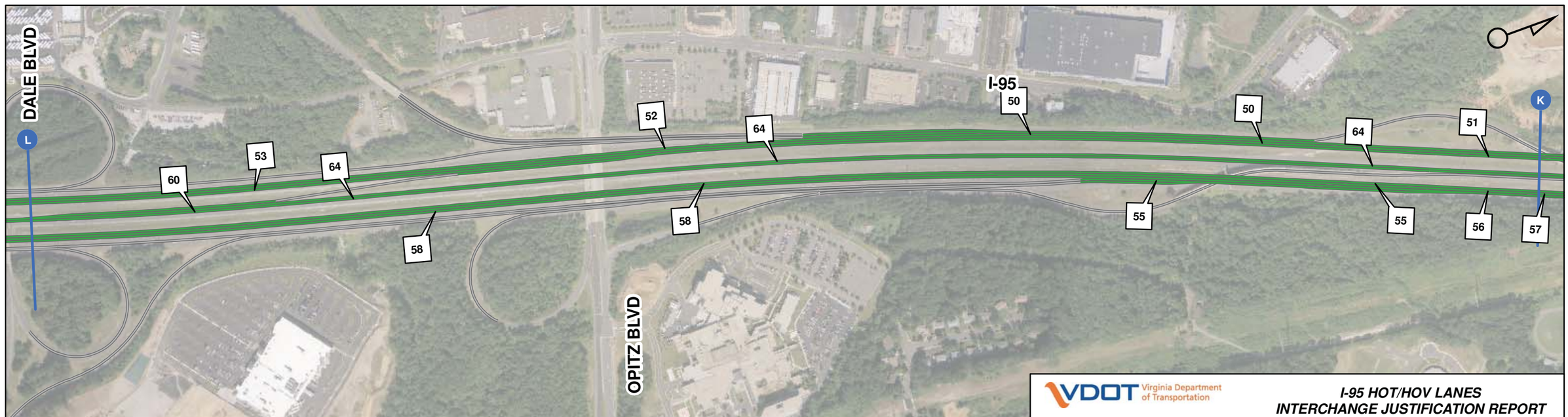
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
RICHMOND HWY TO GORDON BLVD

Figure: 9-11 E **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





Feet
0 250 500 1,000

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH — 20 - 30 MPH — 30 - 40 MPH — 40 - 50 MPH — > 50 MPH

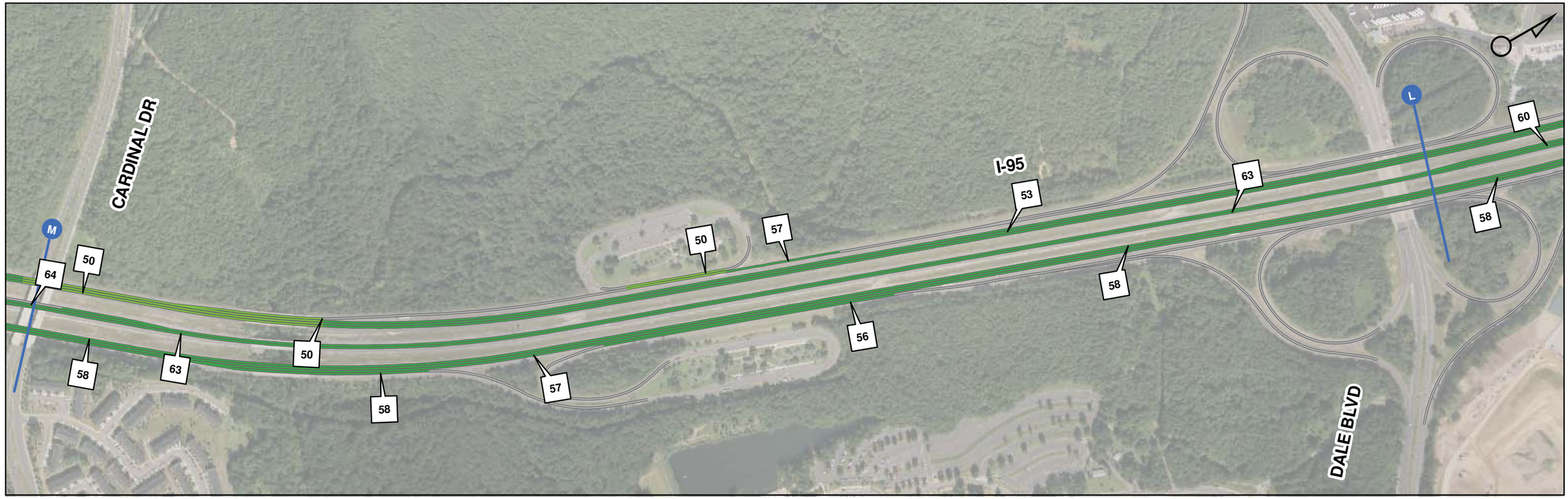
VDOT Virginia Department of Transportation

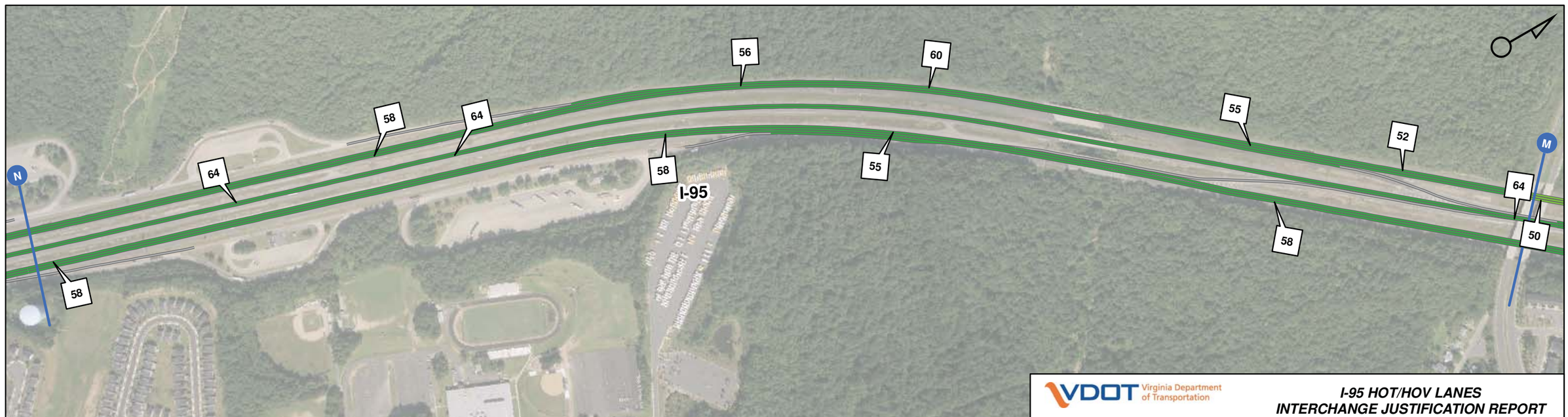
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
PRINCE WILLIAM PKWY TO DALE BLVD

Figure: 9-11 F **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

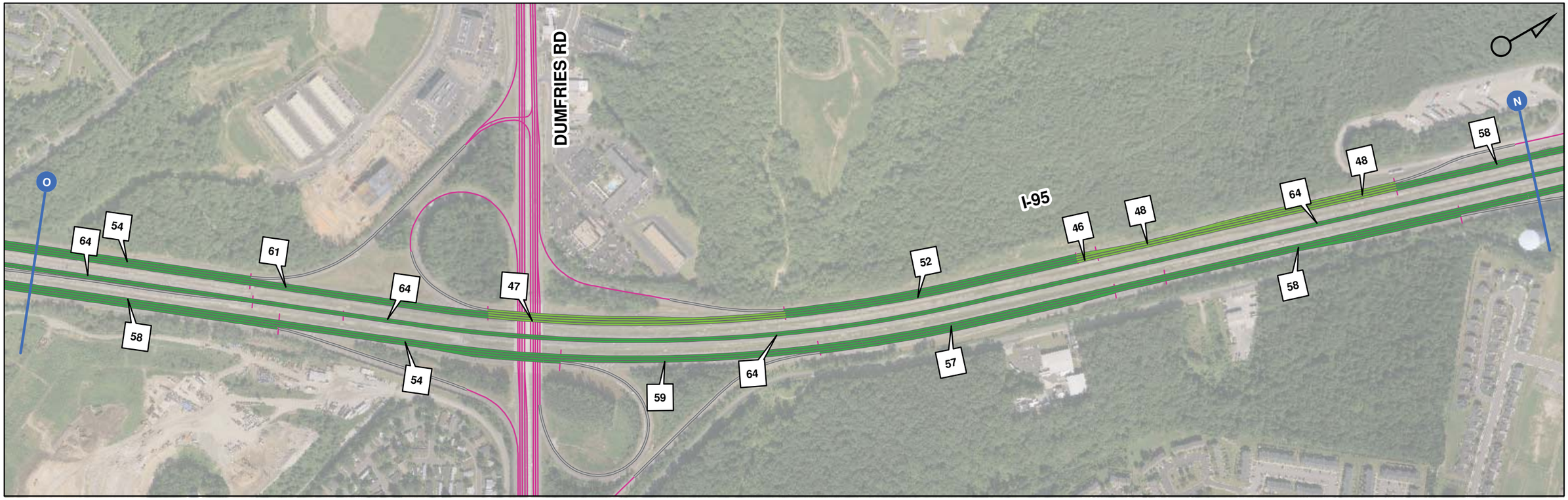
VDOT Virginia Department of Transportation

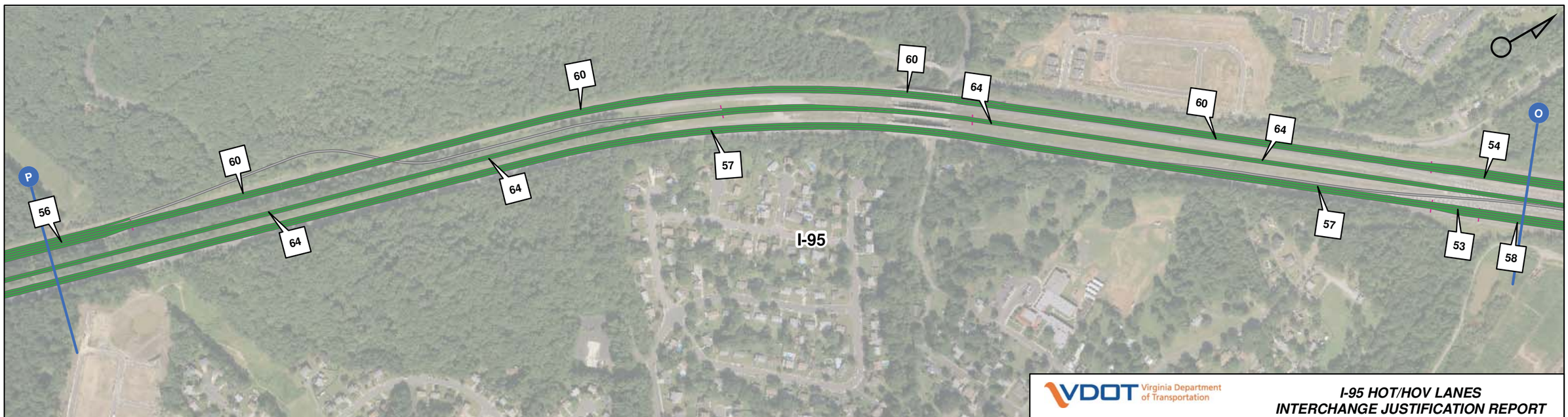
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
DALE BLVD INTERCHANGE

Figure: 9-11 G **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

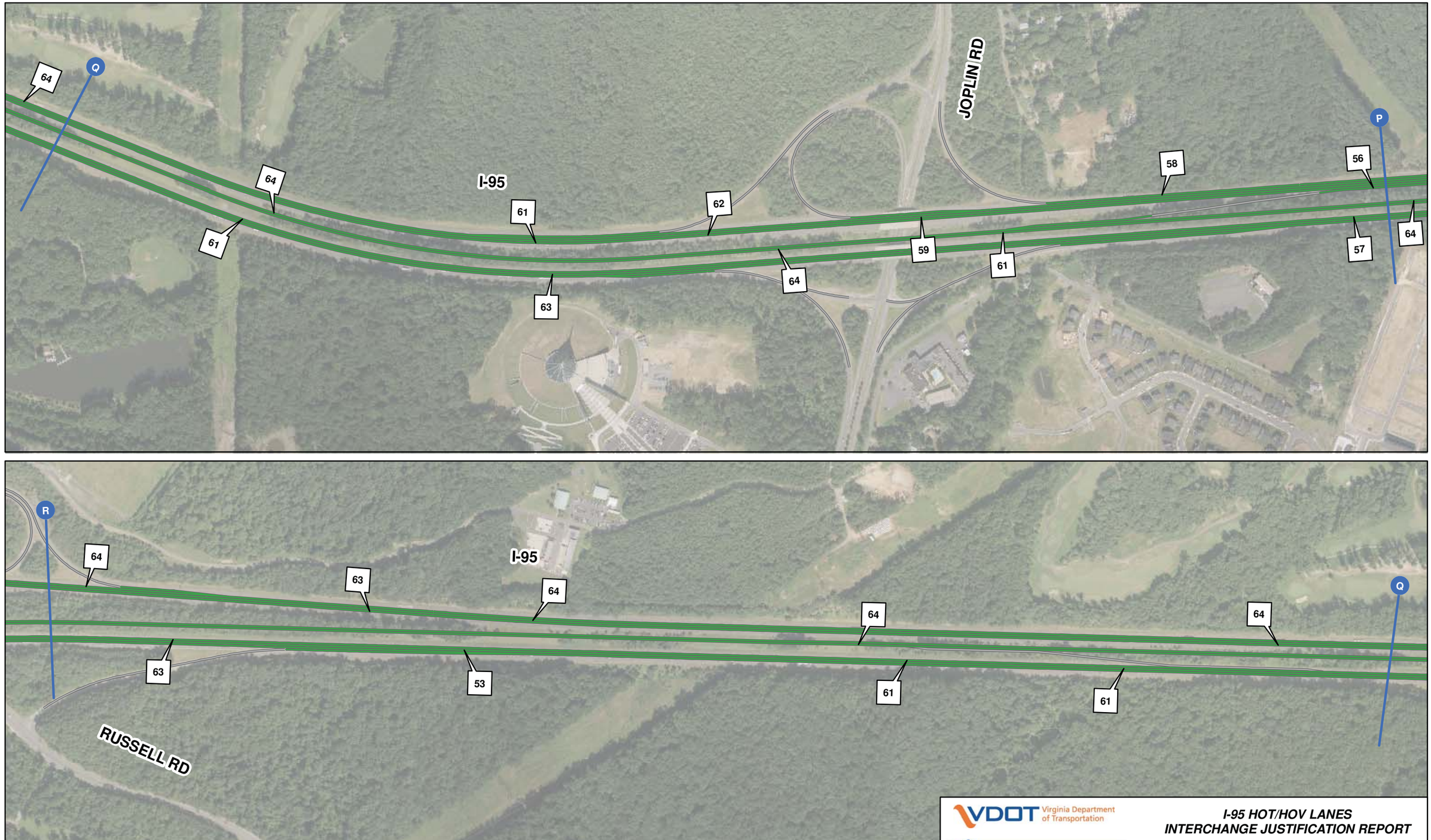
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
DUMFRIES RD INTERCHANGE

Figure: 9-11 H | **Scale: 1" = 500'** | **Date:** November 21, 2011 | ***FINAL***



VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
JOPLIN RD TO RUSSELL RD

Figure: 9-11 I | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*

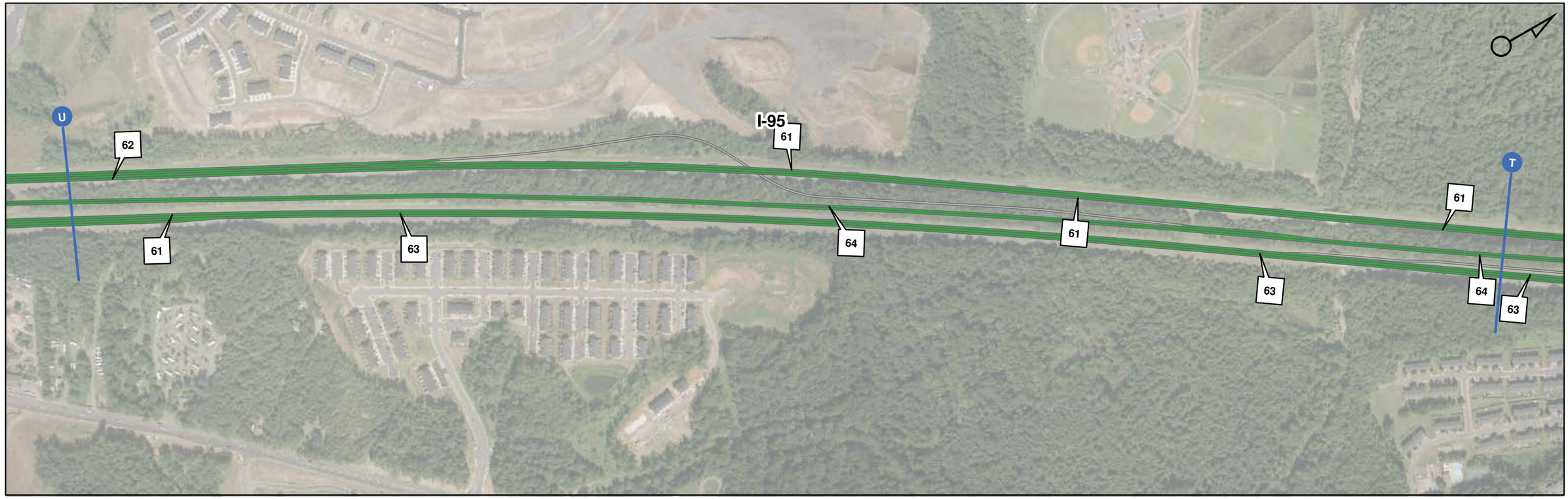
VDOT Virginia Department of Transportation

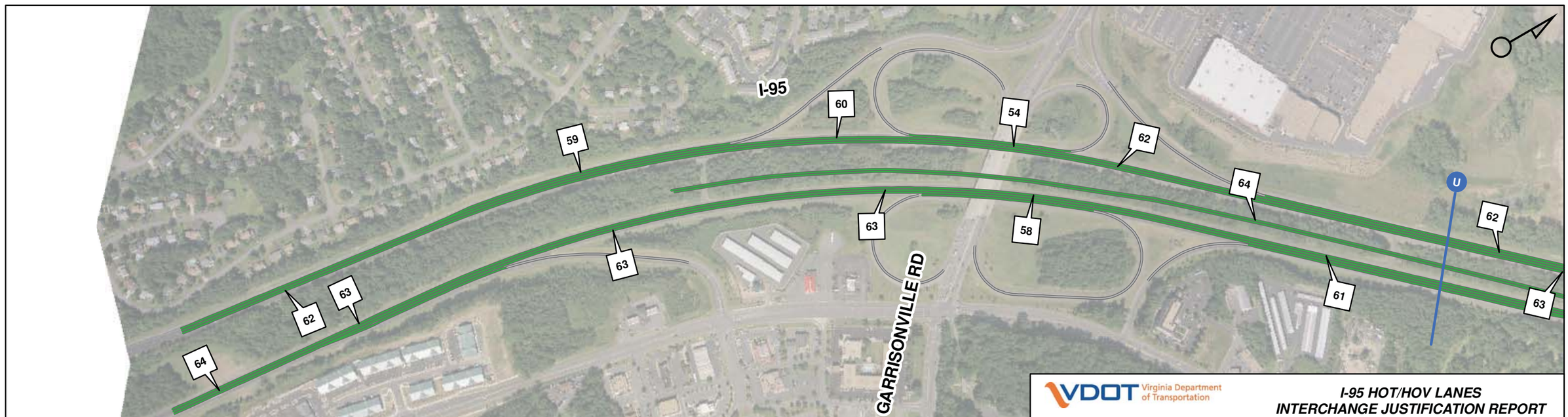
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
RUSSELL RD TO GARRISONVILLE RD

Figure: 9-11 J | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

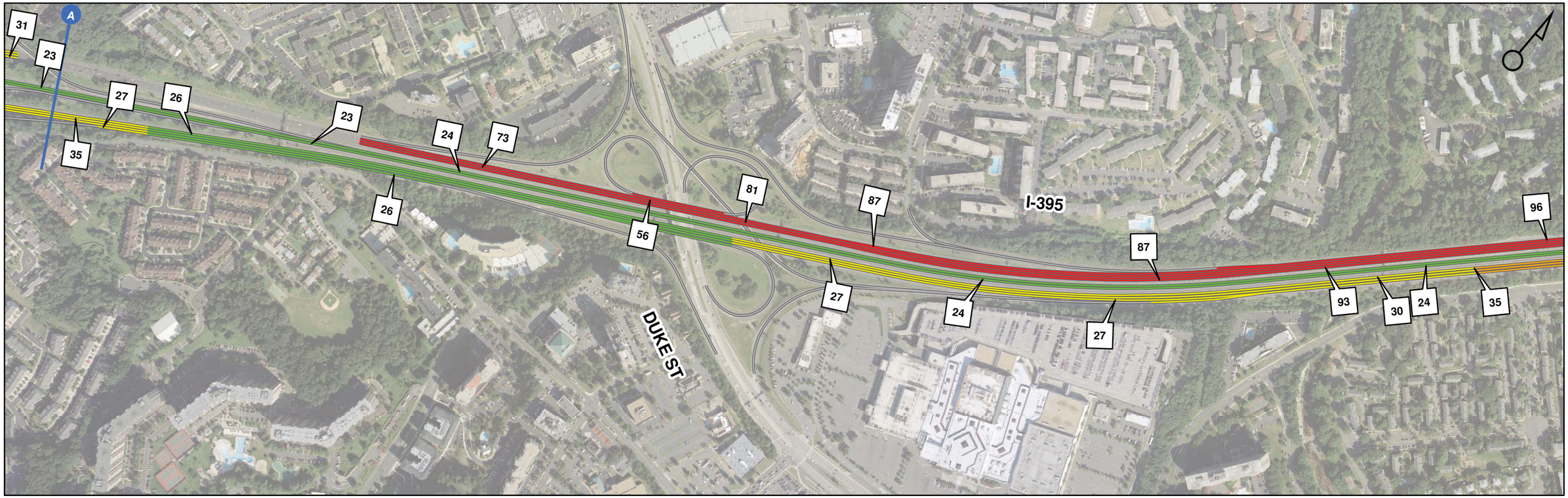
VDOT Virginia Department of Transportation

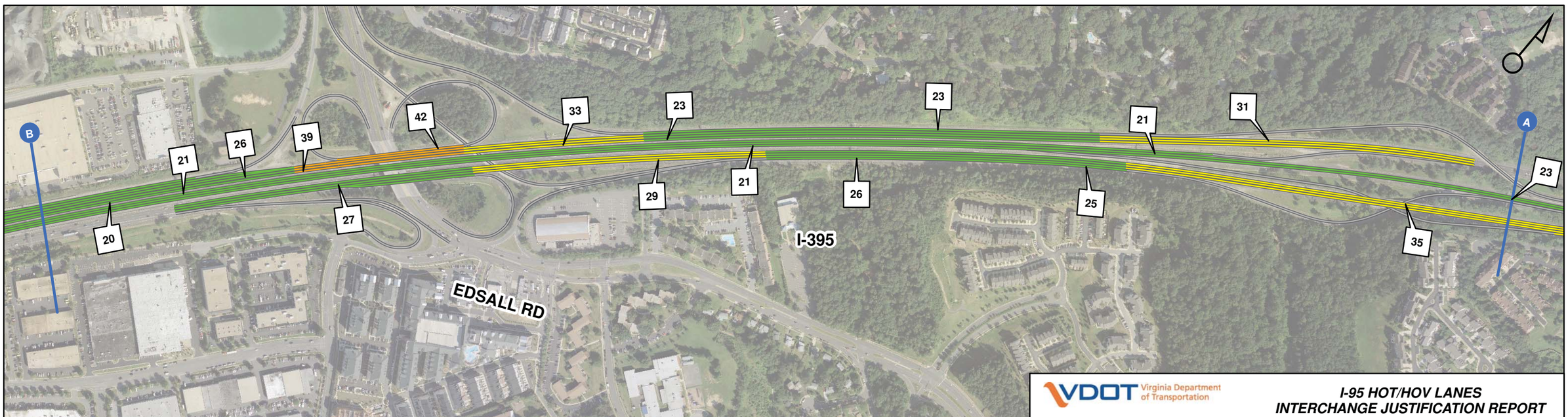
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM - AVERAGE SPEED
GARRISONVILLE RD INTERCHANGE

Figure: 9-11 K **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

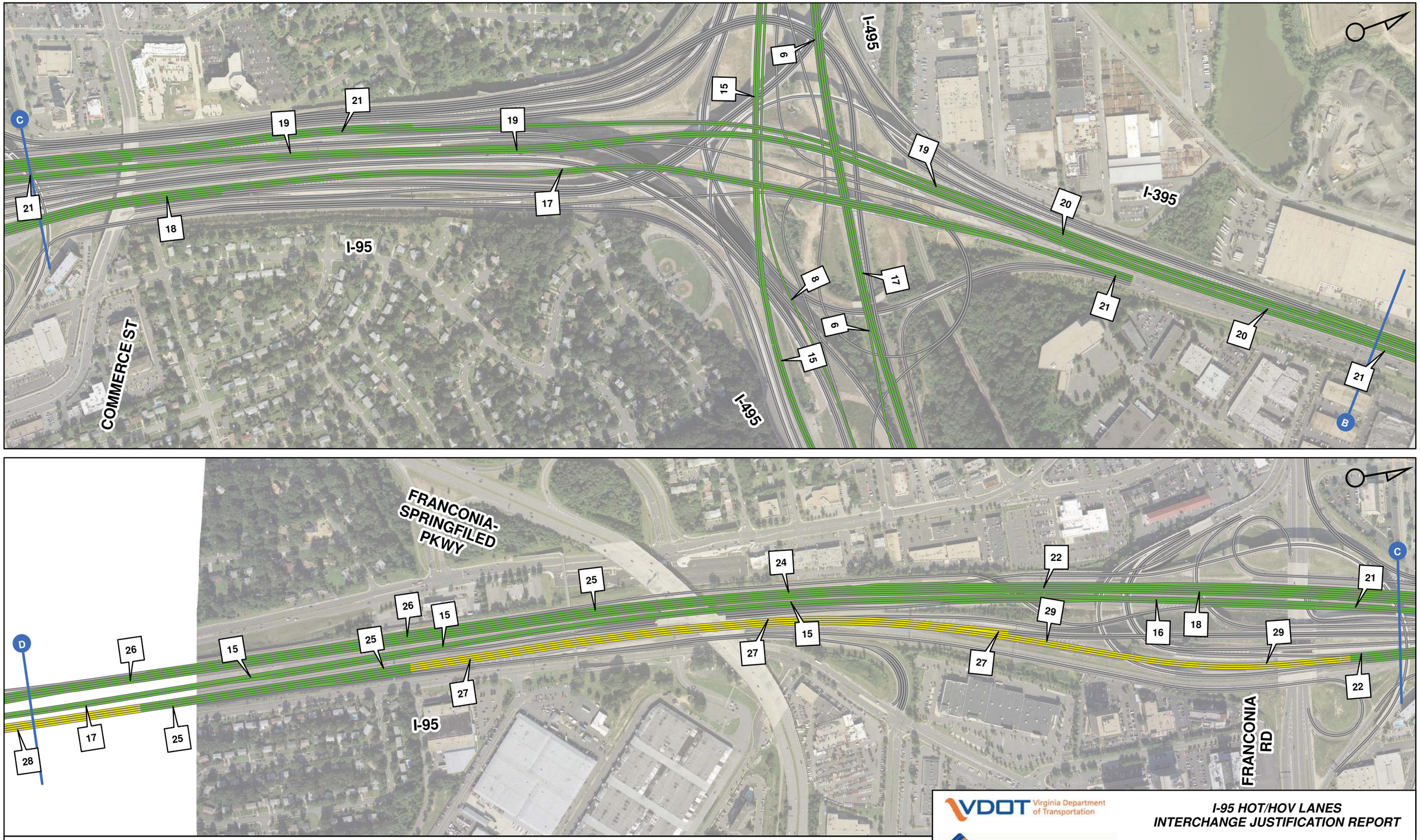
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
DUKE ST TO EDSALL RD

Figure: 9-12 A **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



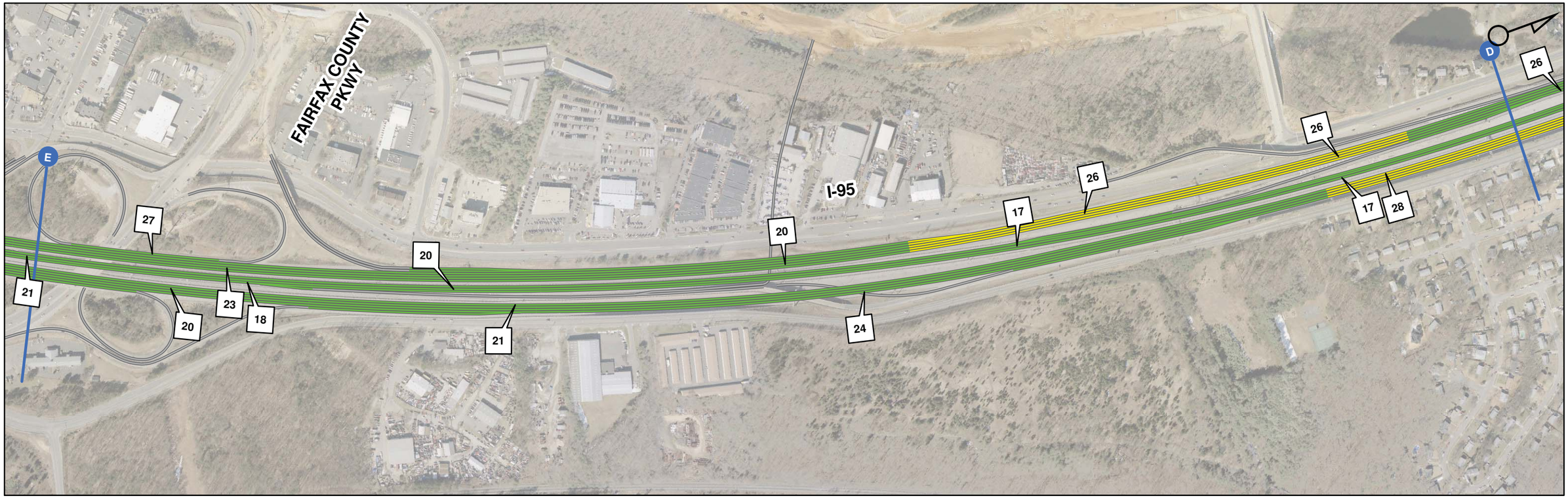
VDOT Virginia Department of Transportation

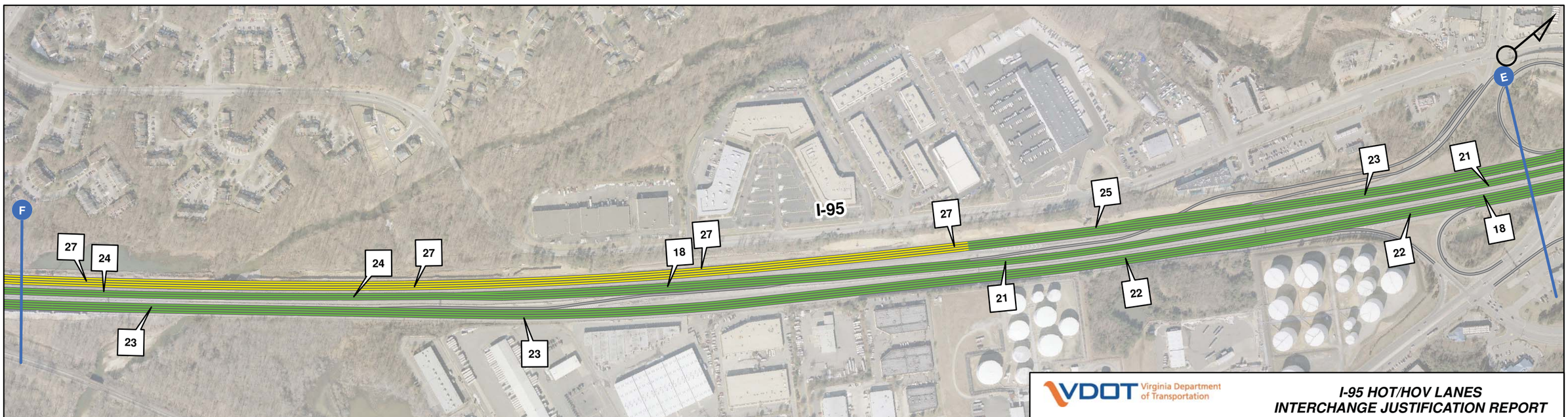
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
I-95/I-395/I-495 INTERCHANGE

Figure: 9-12 B | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

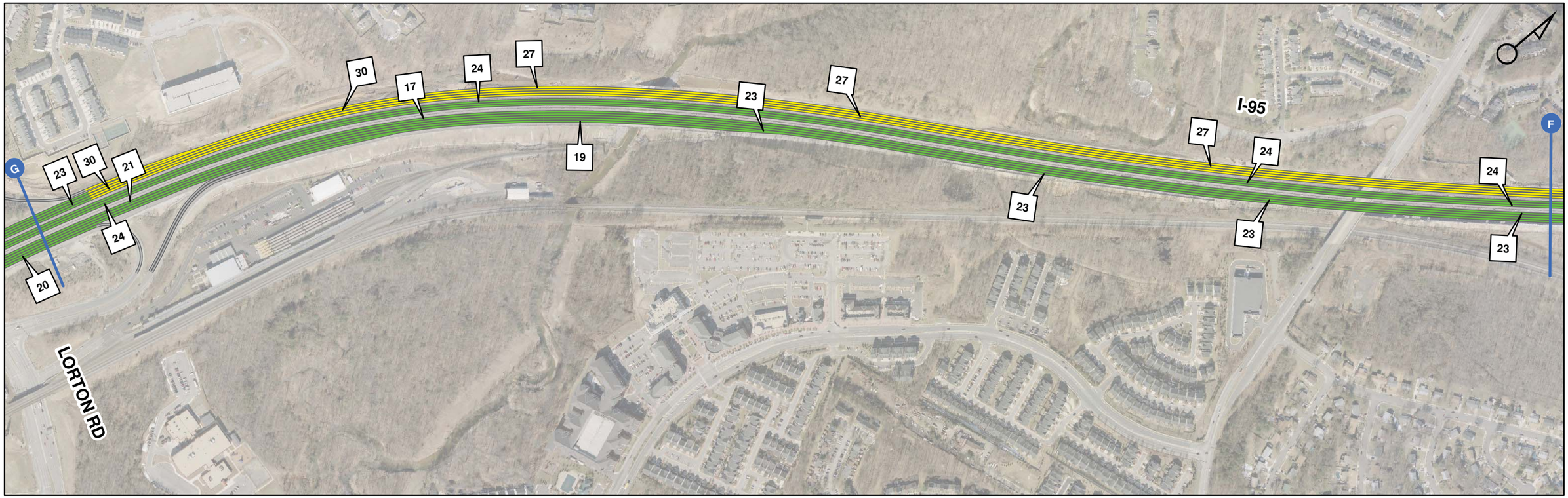
VDOT Virginia Department of Transportation

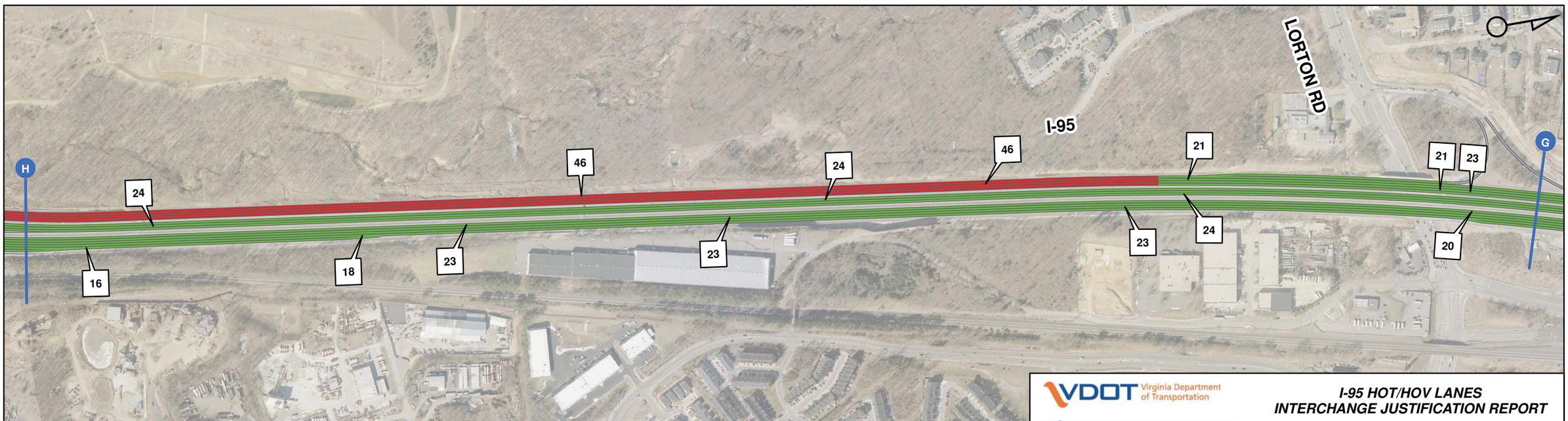
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
I-95/I-395/I-495 INTERCHANGE TO
FAIRFAX COUNTY PKWY

Figure: 9-12 C **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

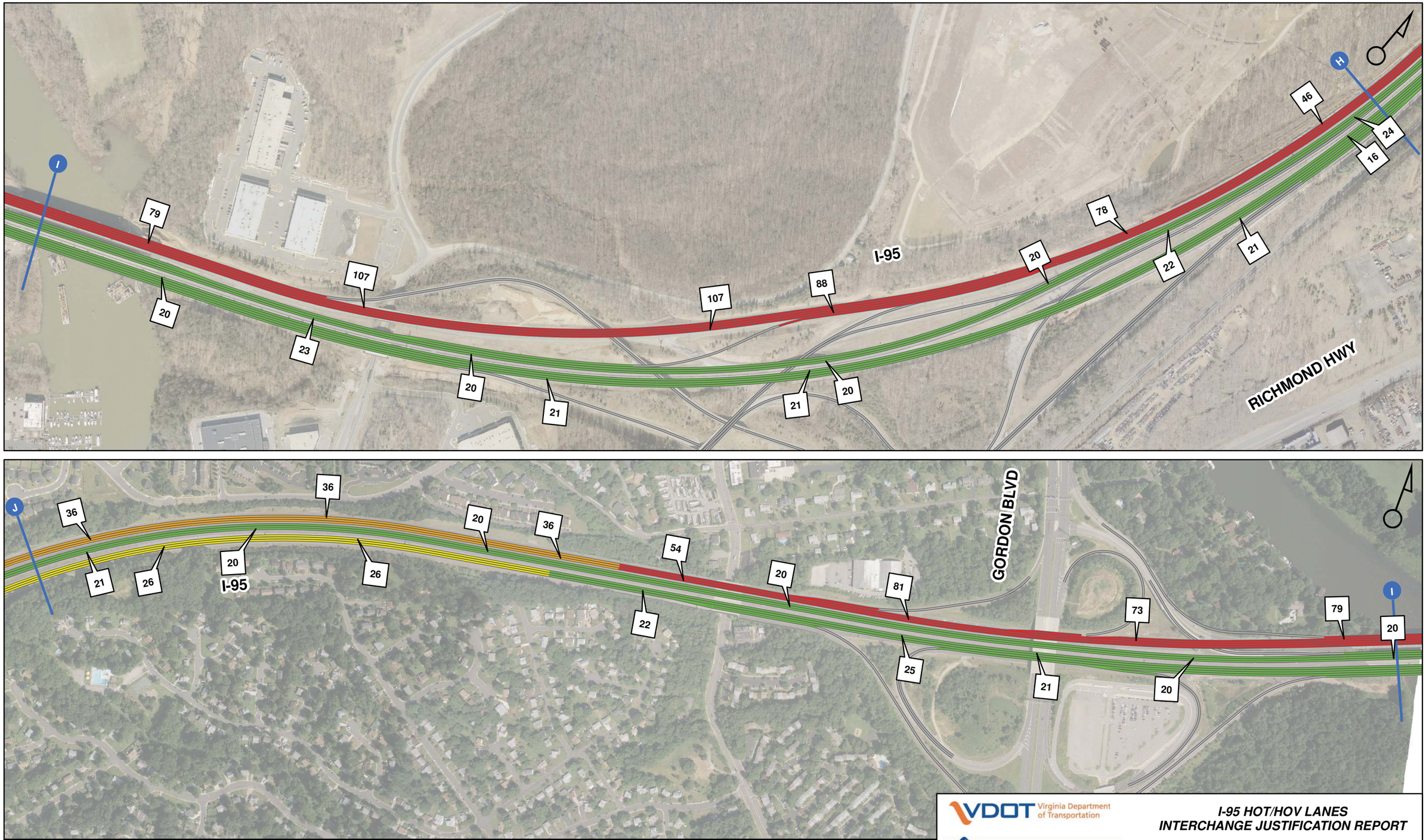
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
FAIRFAX COUNTY PKWY TO LORTON RD

Figure: 9-12 D **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



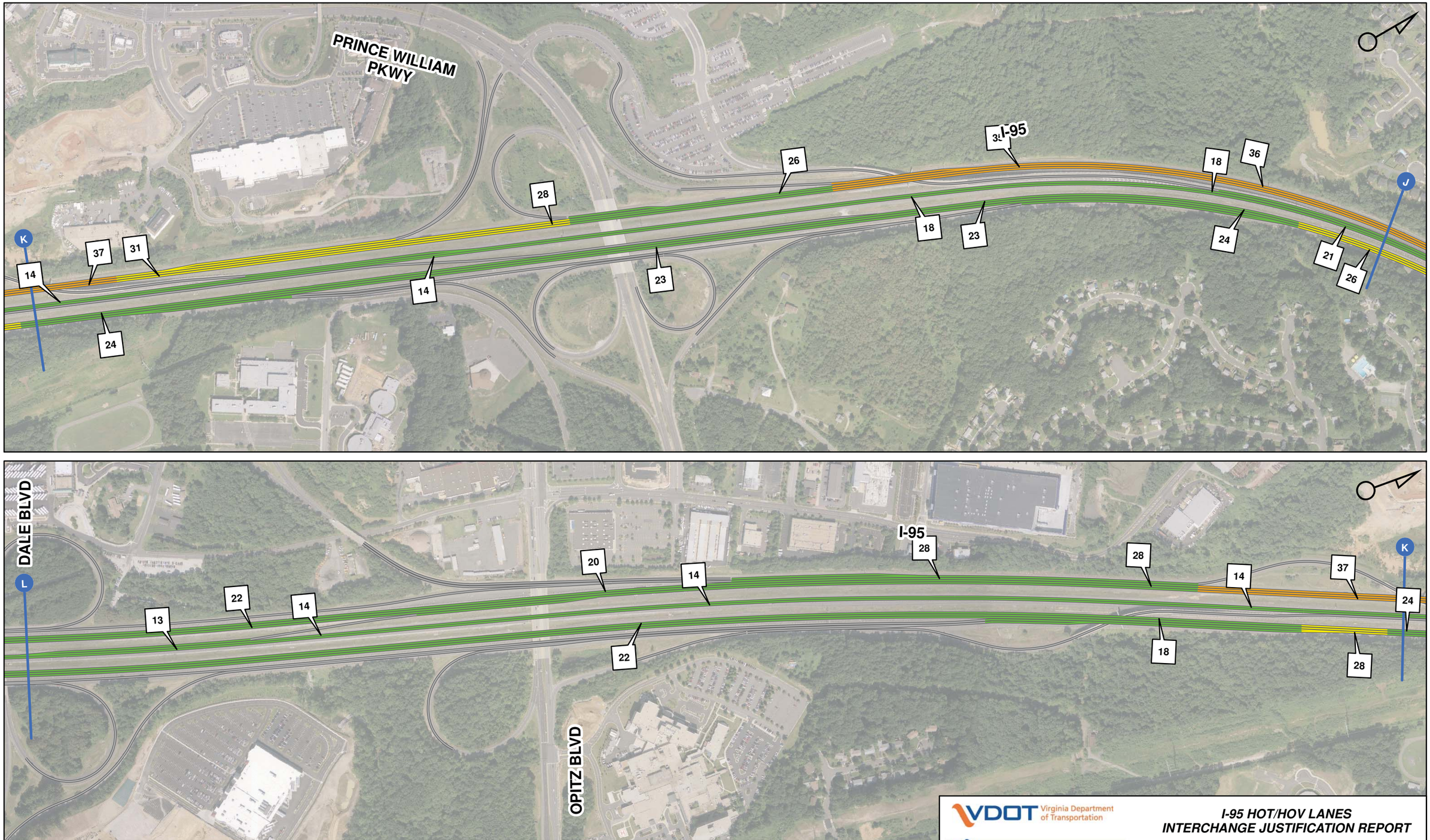
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
RICHMOND HWY TO GORDON BLVD

Figure: 9-12 E | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
PRINCE WILLIAM PKWY TO DALE BLVD

Figure: 9-12 F | Scale: 1" = 500' | Date: November 21, 2011 | FINAL

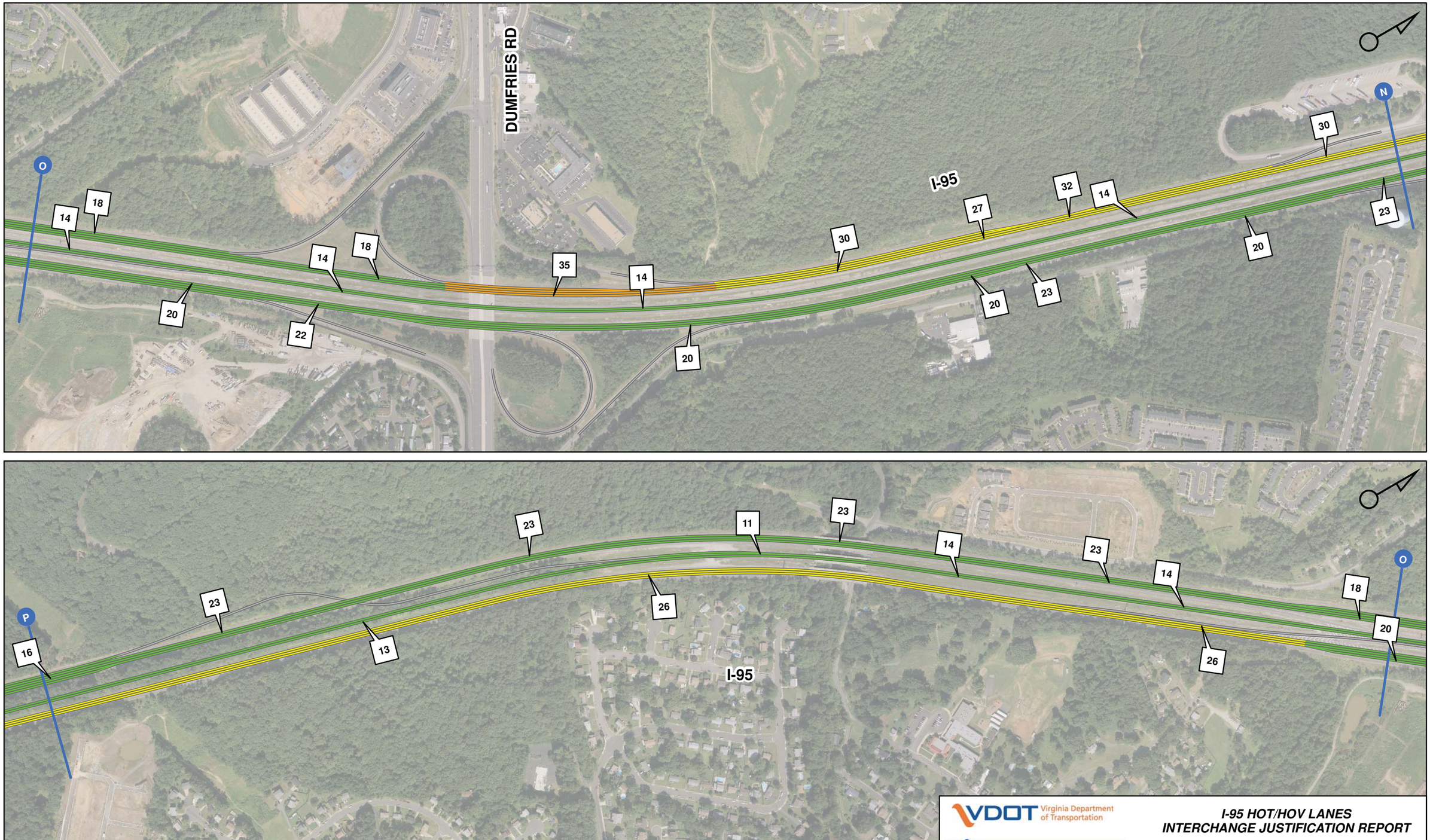
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
DALE BLVD INTERCHANGE

Figure: 9-12 G | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



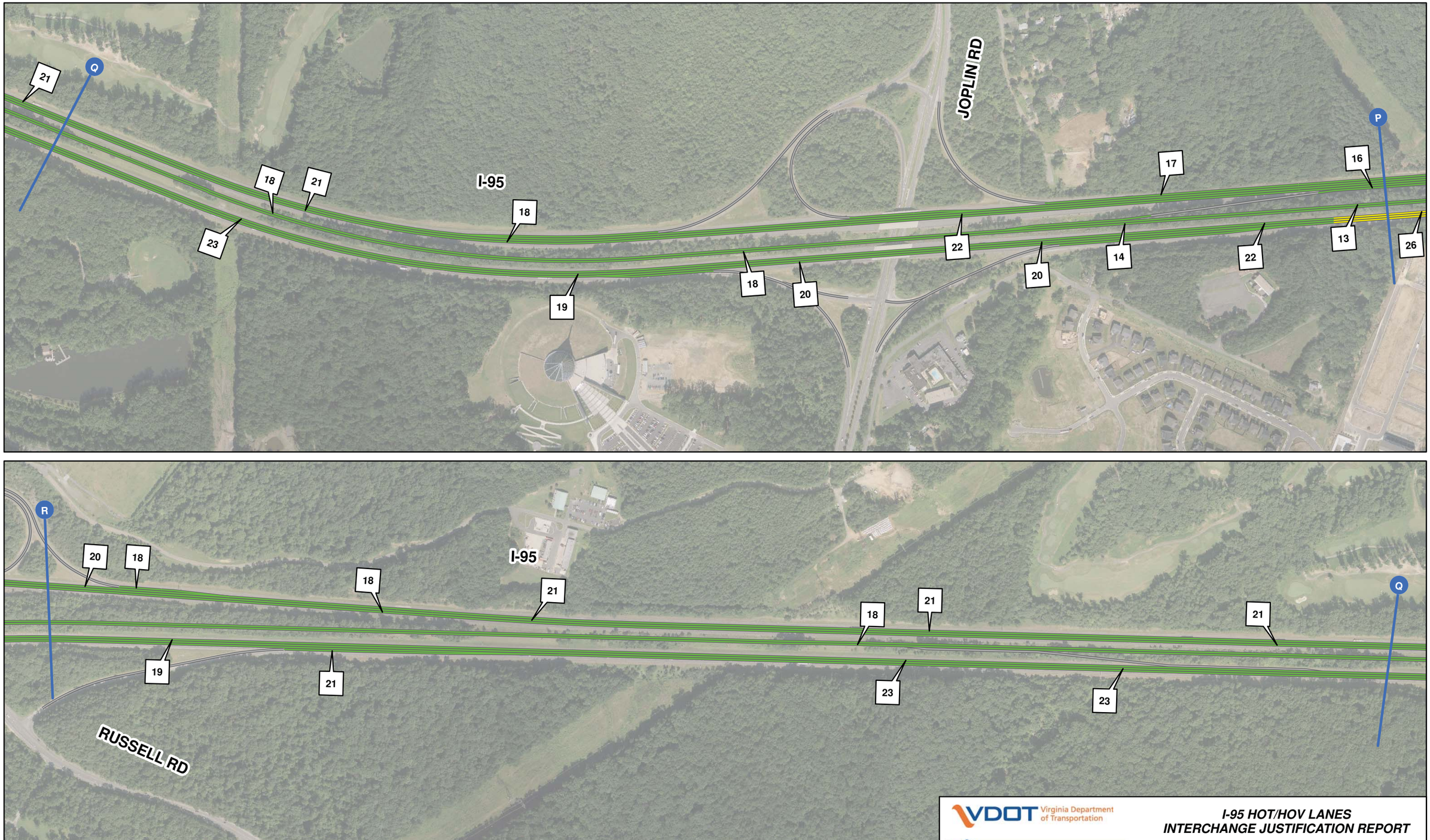
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
DUMFRIES RD INTERCHANGE

Figure: 9-12 H | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



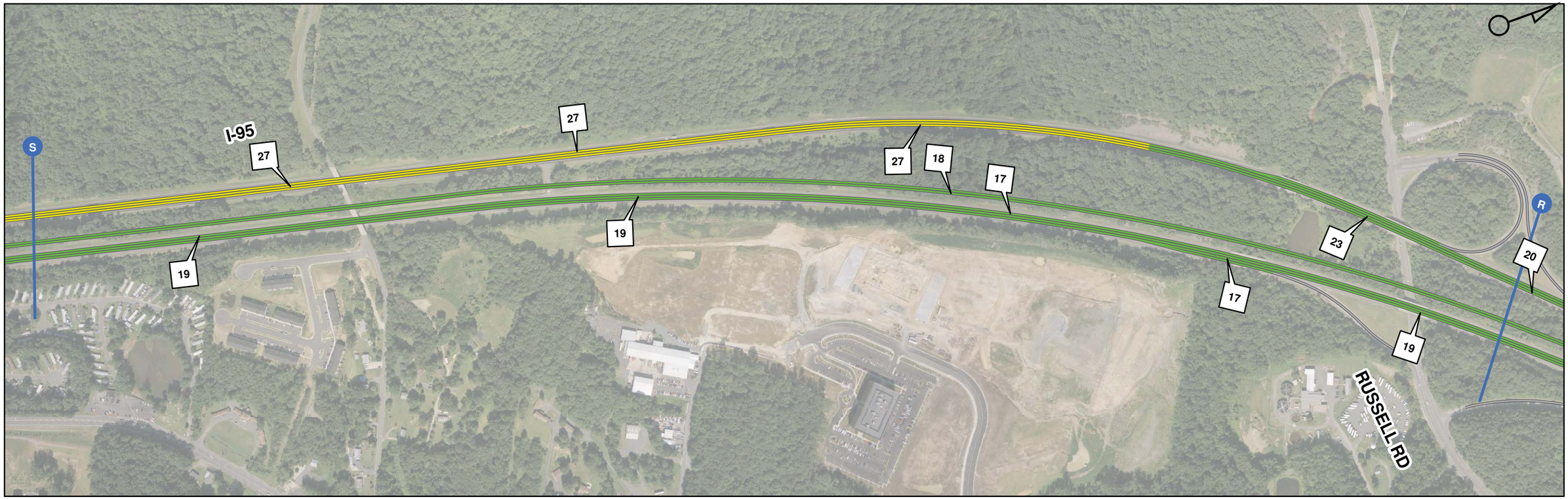
VDOT Virginia Department of Transportation

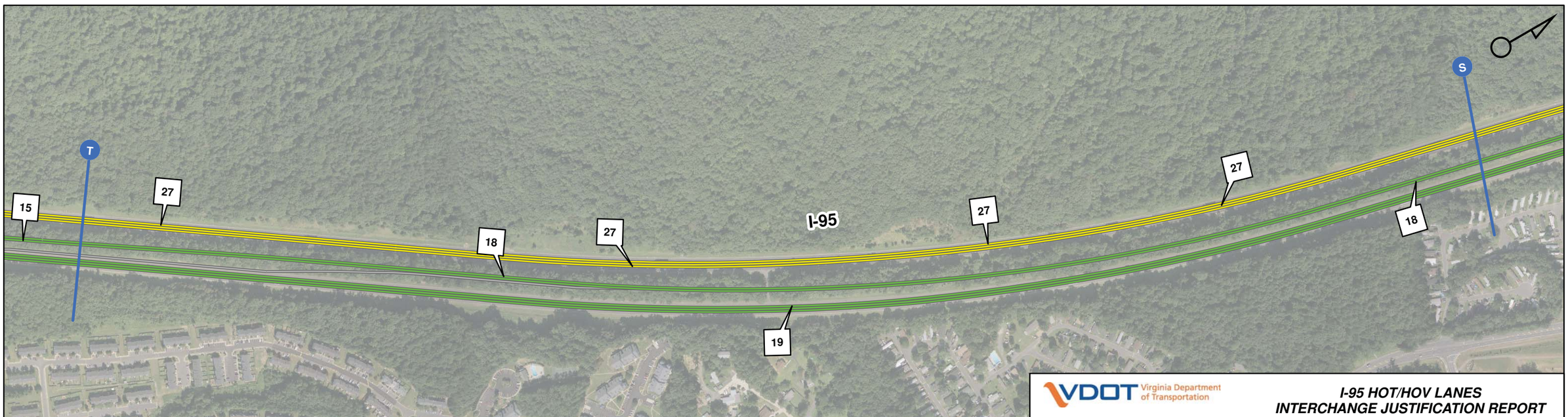
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
JOPLIN RD TO RUSSELL RD

Figure: 9-12 I | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

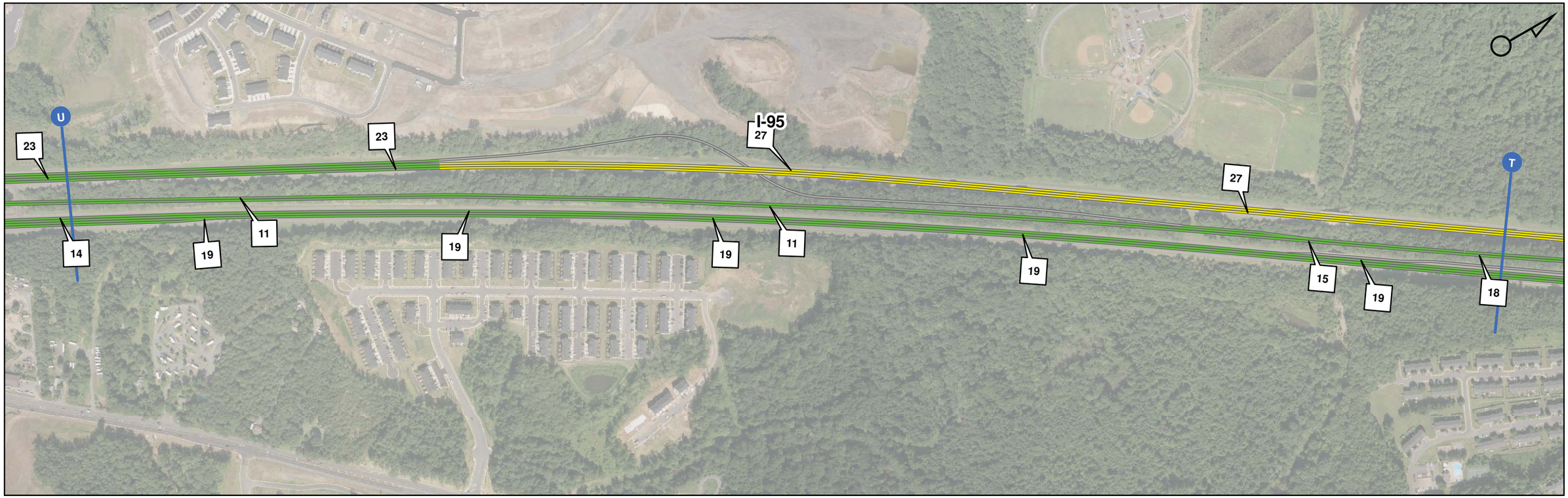
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
RUSSELL RD TO GARRISONVILLE RD

Figure: 9-12 J **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

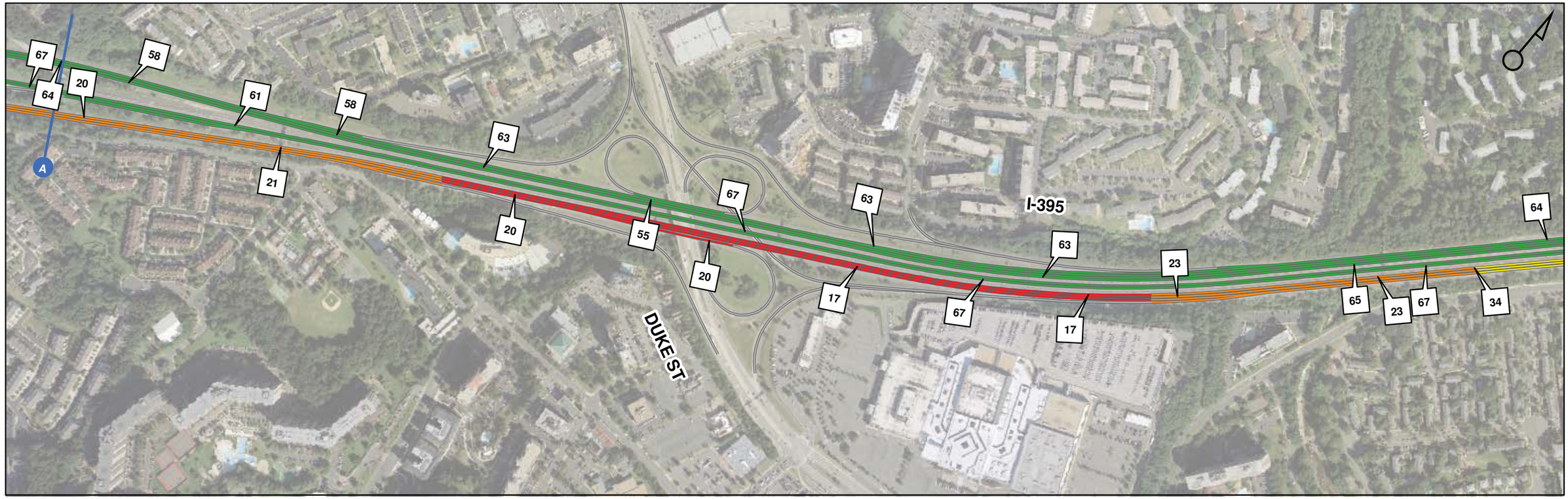
VDOT Virginia Department of Transportation

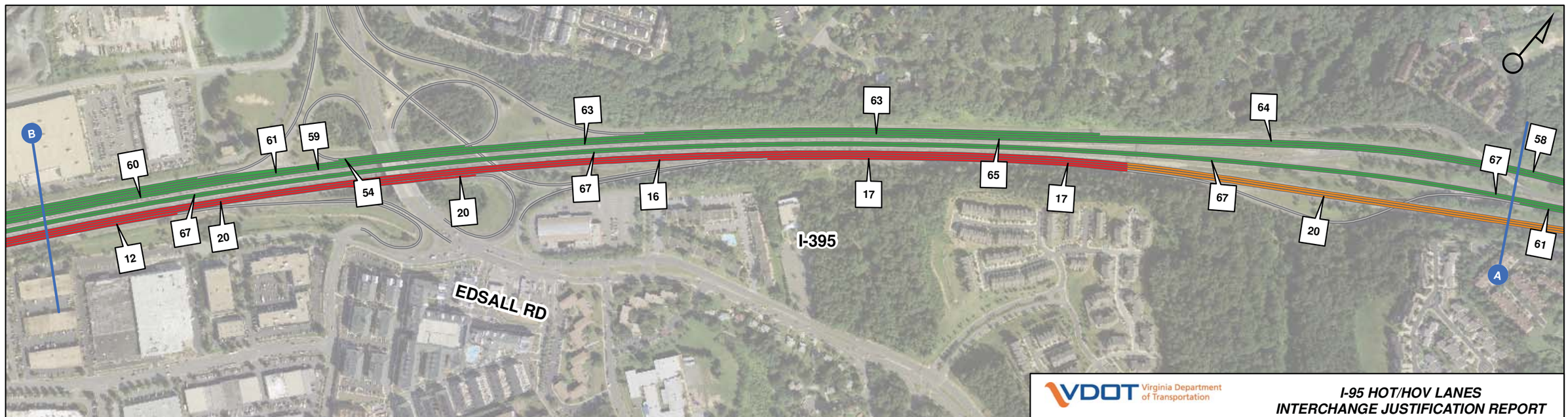
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2018 BUILD PM LEVEL OF SERVICE
GARRISONVILLE RD INTERCHANGE

Figure: 9-12 K **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

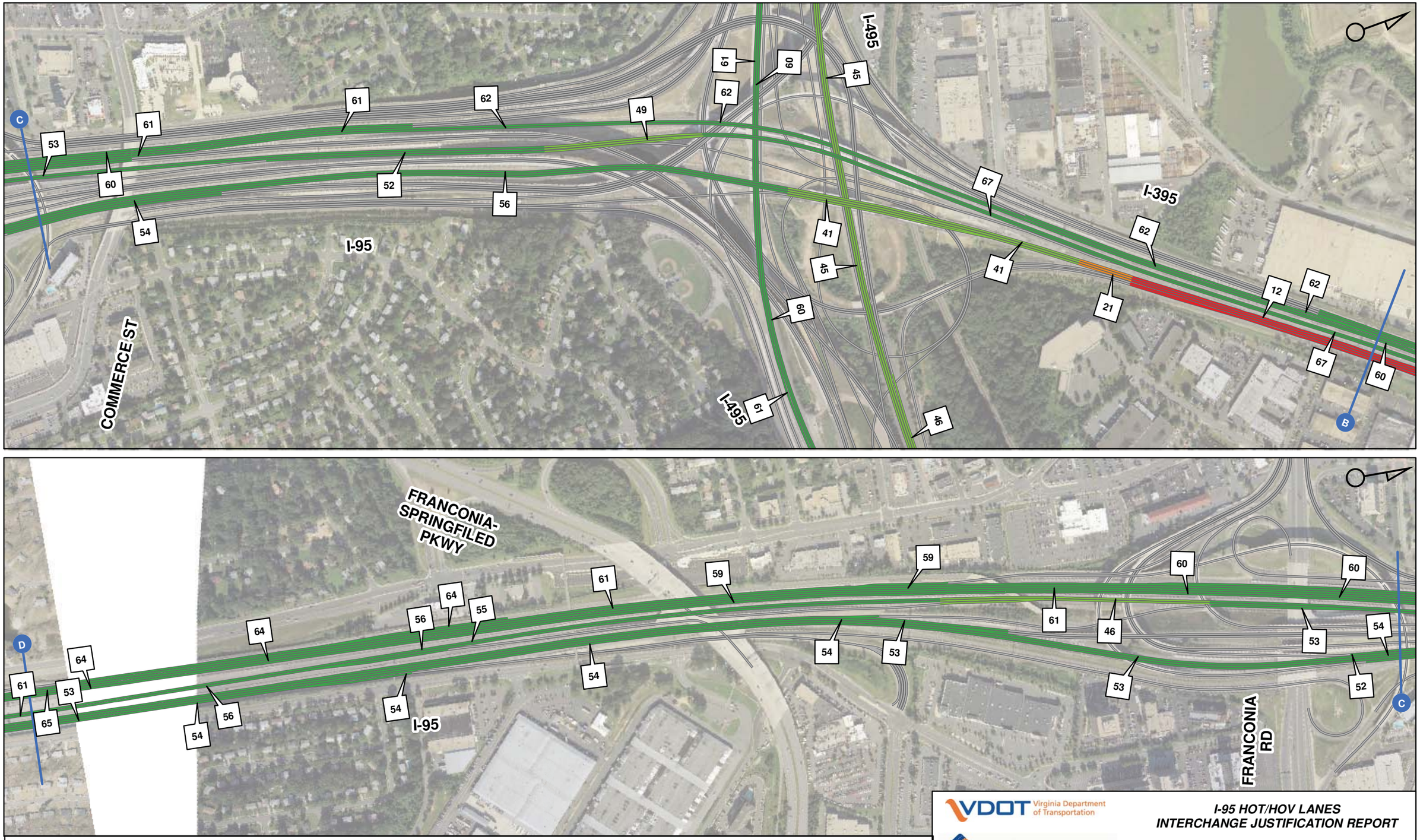
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
DUKE ST TO EDSALL RD

Figure: 9-13 A | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*



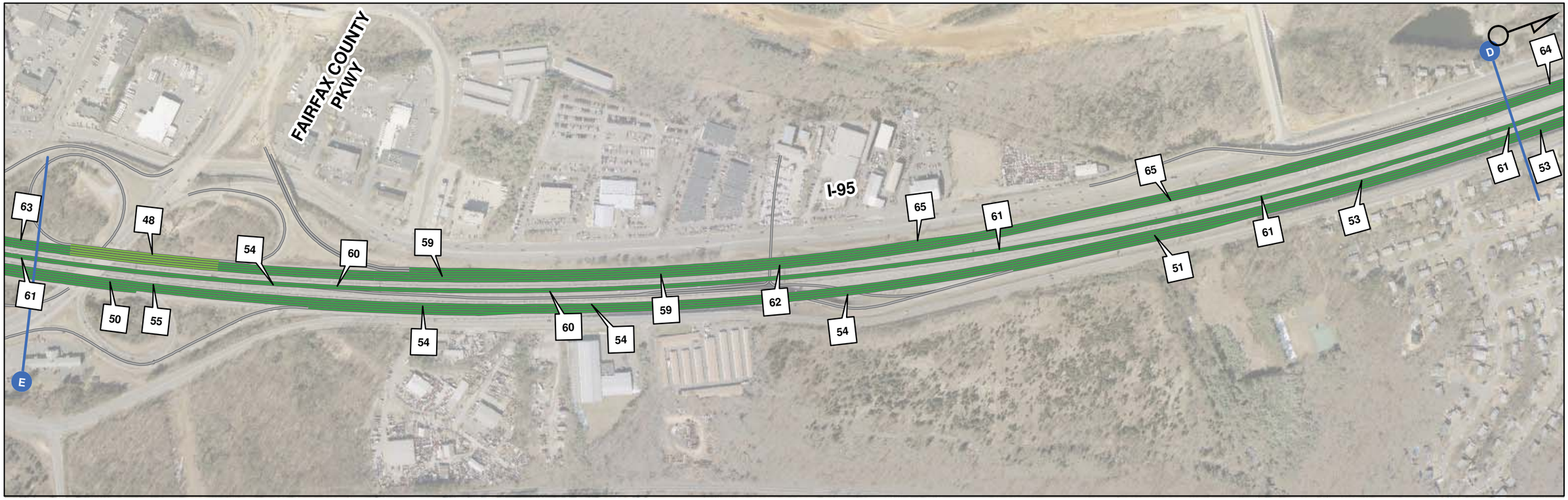
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
I-95/I-395/I-495 INTERCHANGE

Figure: 9-13 B | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*



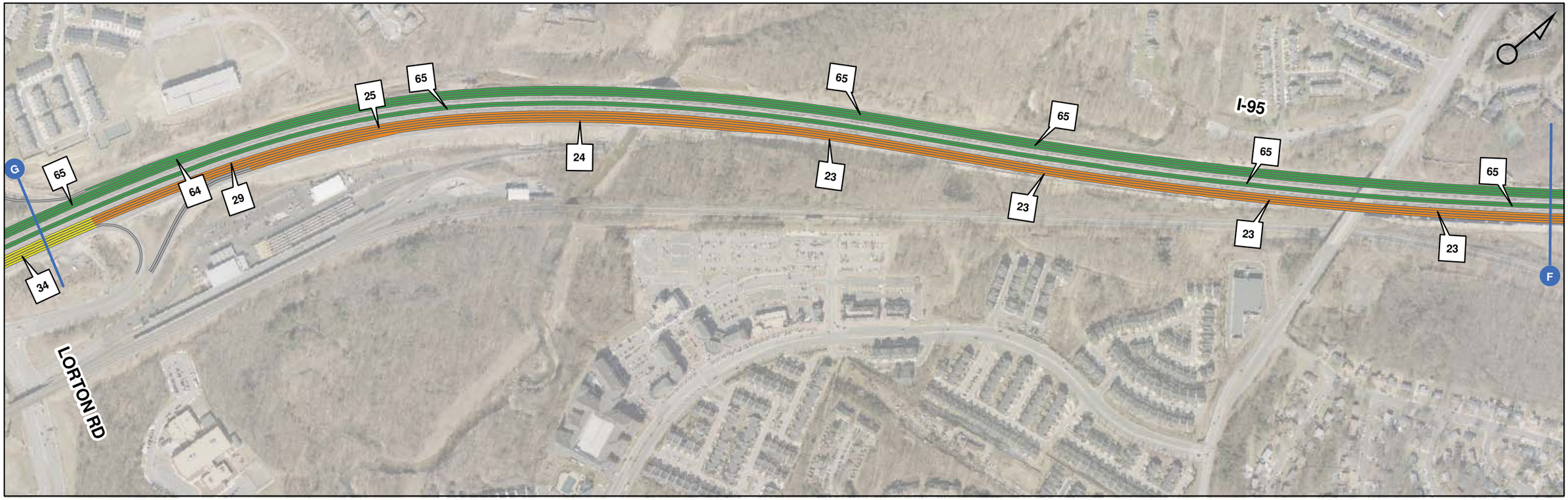
VDOT Virginia Department of Transportation

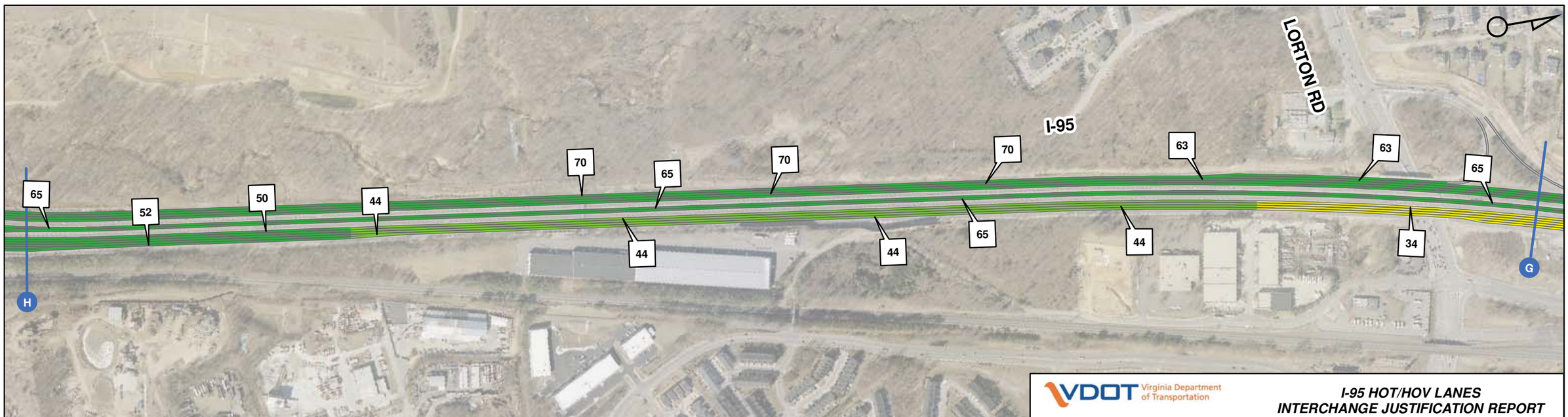
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
FRANCONIA-SPRINGFIELD PKWY TO
FAIRFAX COUNTY PKWY

Figure: 9-13 C | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





Feet
0 250 500 1,000

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

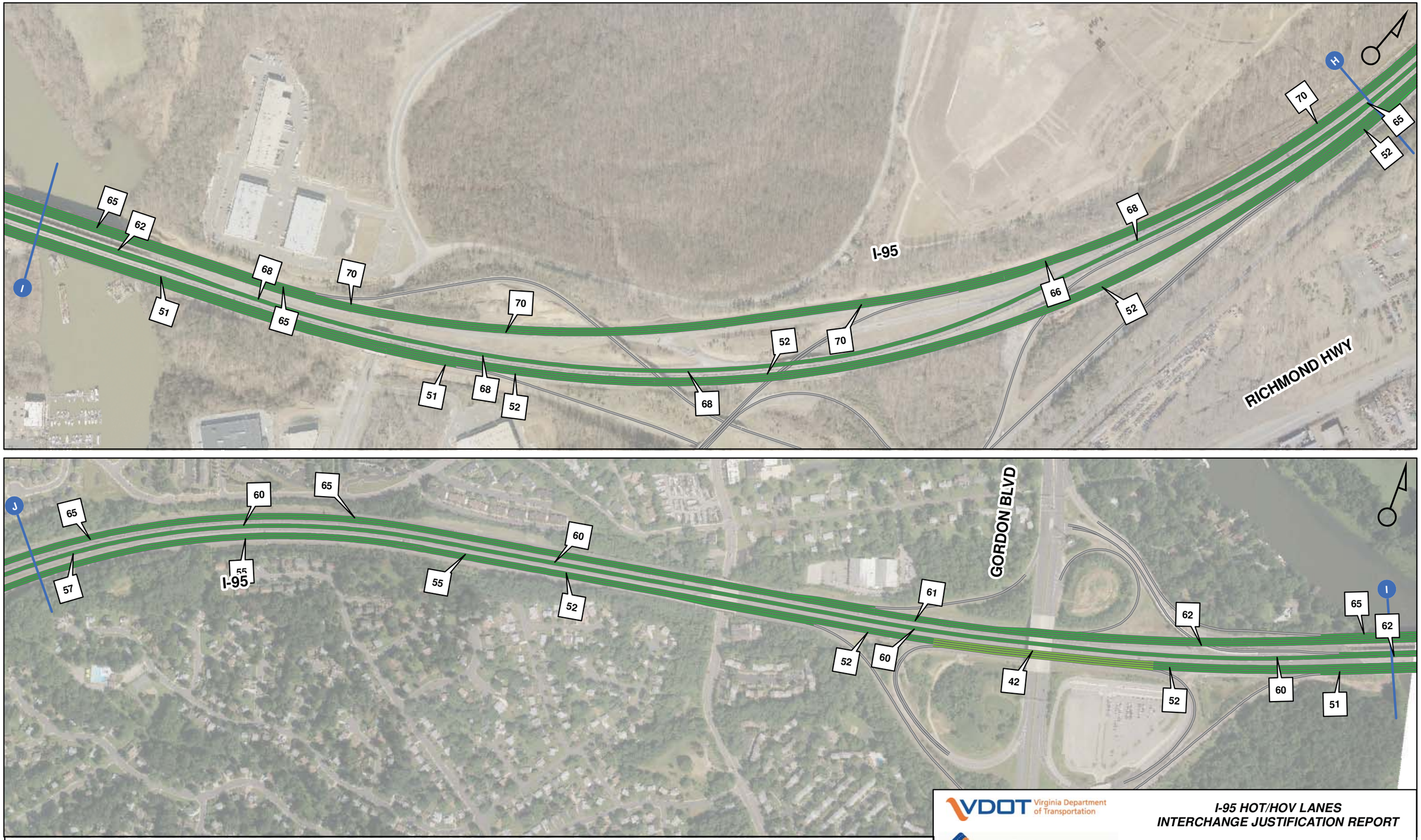
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
FAIRFAX COUNTY PKWY TO LORTON RD

Figure: 9-13 D | **Scale: 1" = 500'** | **Date:** November 21, 2011 | ***FINAL***



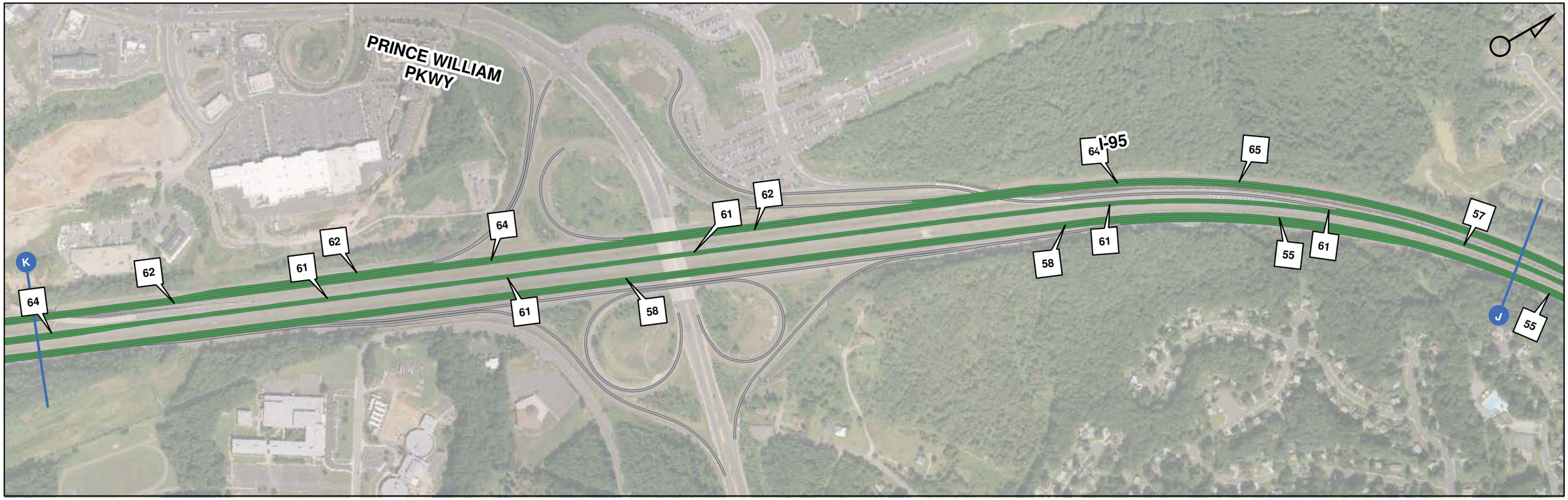
VDOT Virginia Department of Transportation

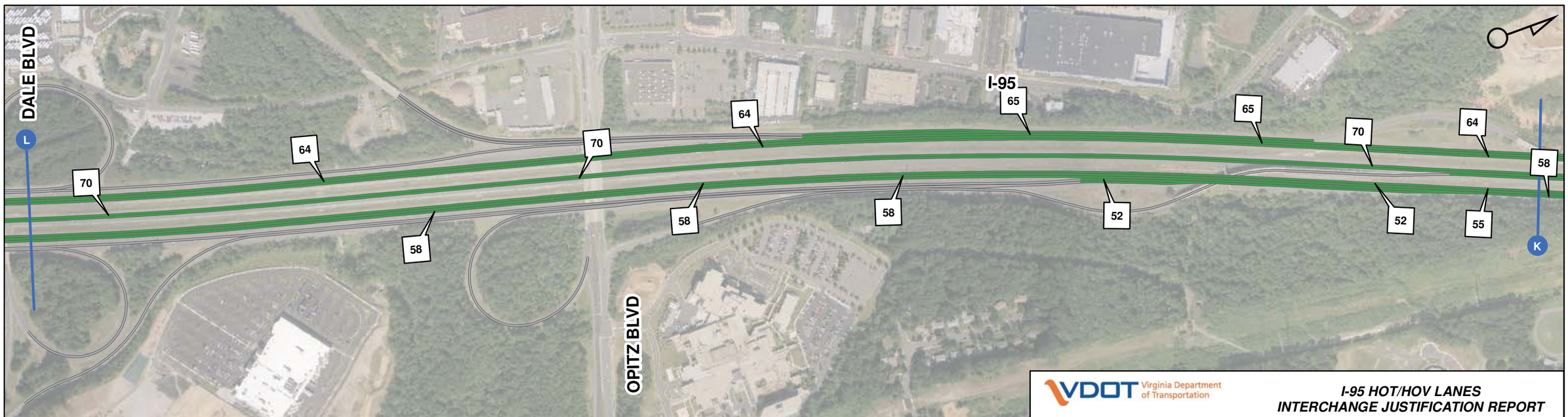
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
RICHMOND HWY TO GORDON BLVD

Figure: 9-13 E | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





Feet
0 250 500 1,000

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH — 20 - 30 MPH — 30 - 40 MPH — 40 - 50 MPH — > 50 MPH

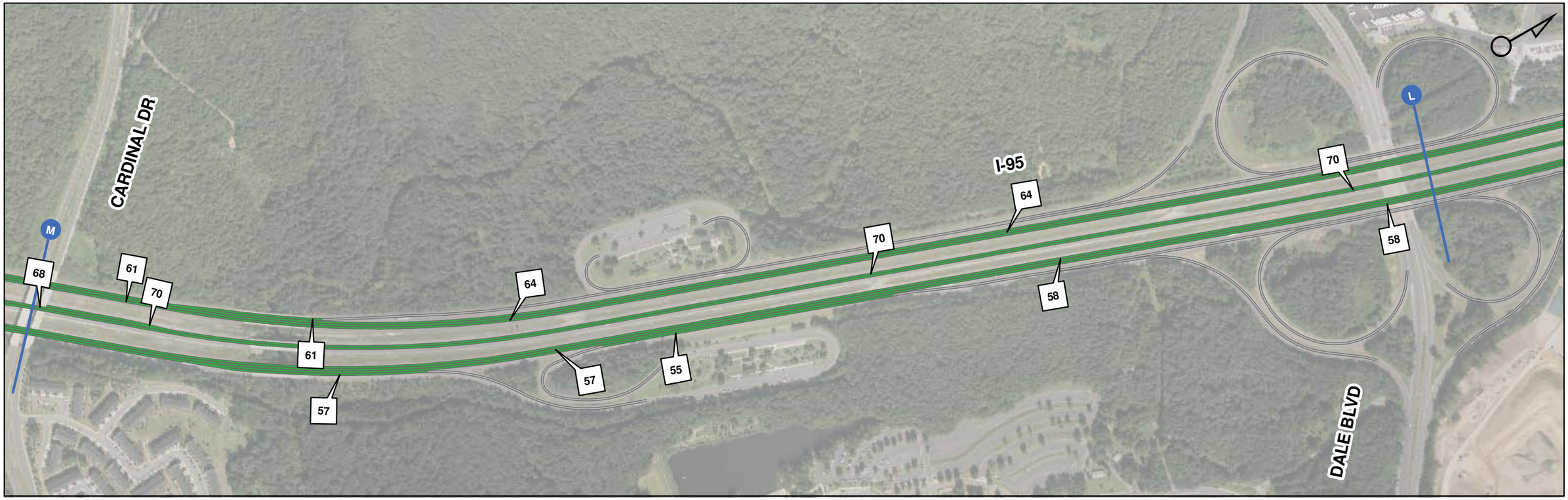
VDOT Virginia Department of Transportation

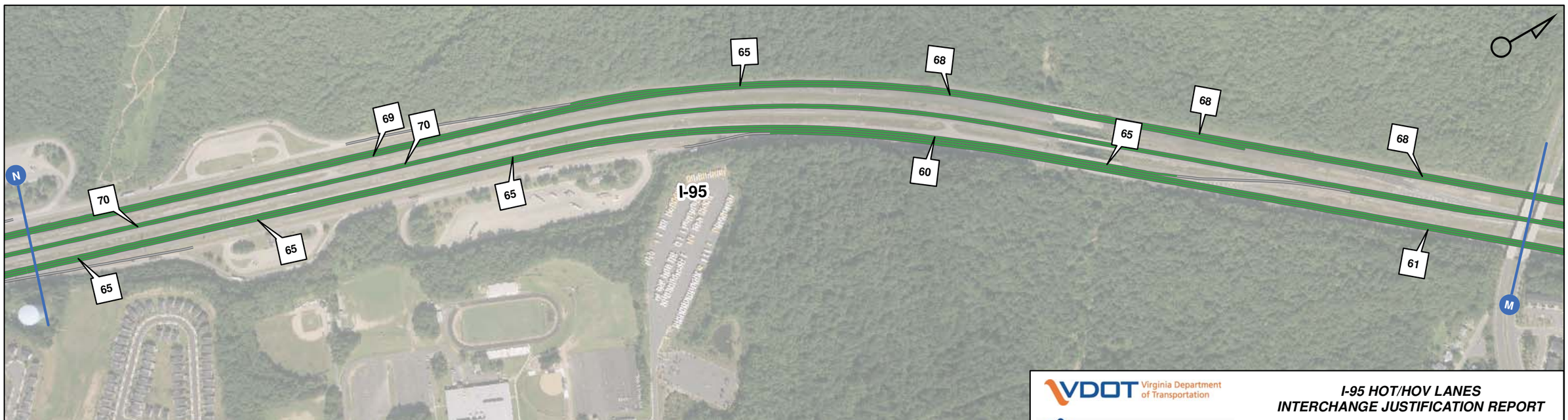
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
PRINCE WILLIAM PKWY TO DALE BLVD

Figure: 9-13 F **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





Feet
0 250 500 1,000

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH — 20 - 30 MPH — 30 - 40 MPH — 40 - 50 MPH — > 50 MPH

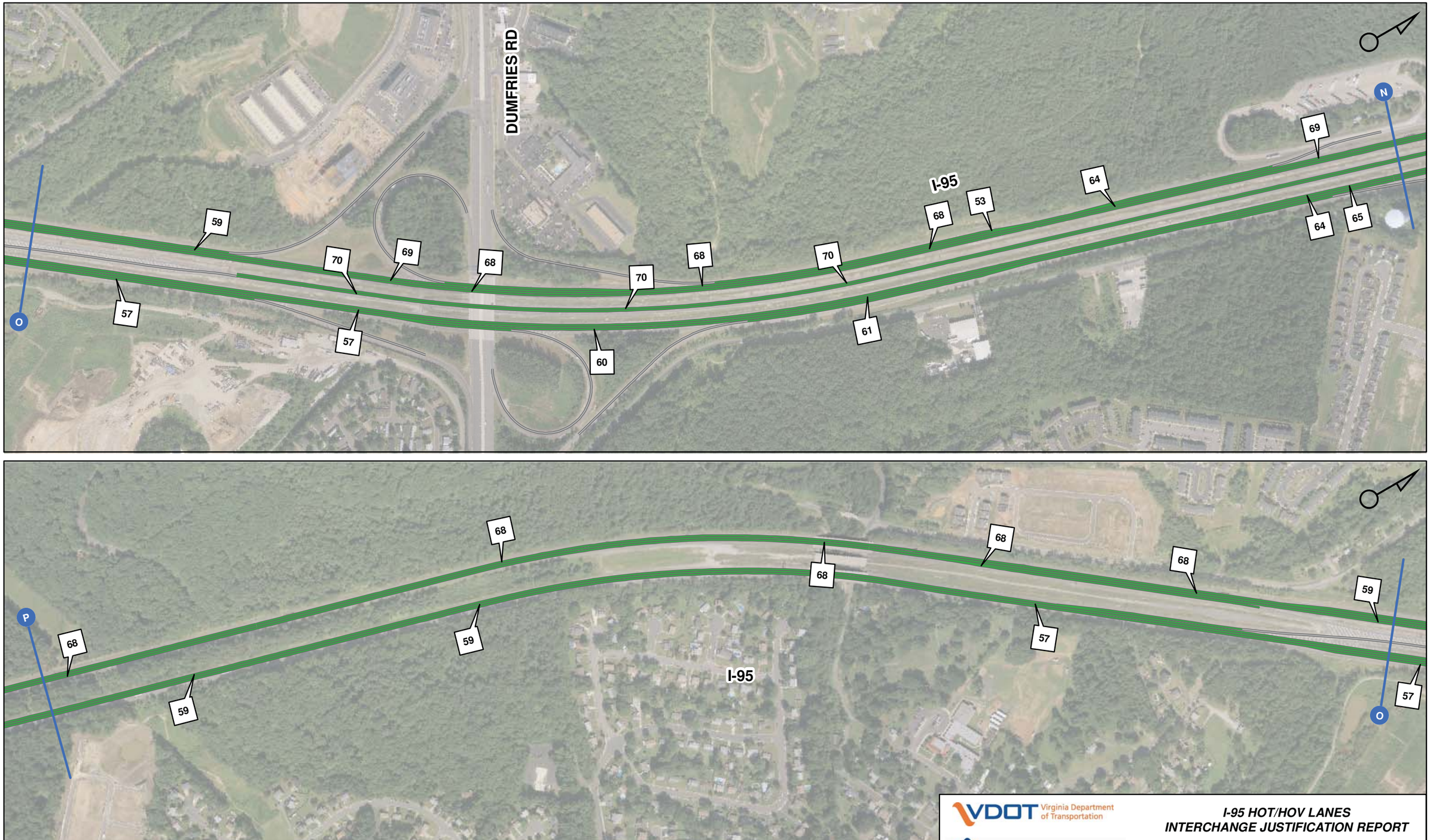
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
DALE BLVD INTERCHANGE

Figure: 9-13 G **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - LEVEL OF SERVICE
DUMFRIES RD INTERCHANGE

Figure: 9-13 H | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*

0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
JOPLIN RD TO RUSSELL RD

Figure: 9-13 I **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***

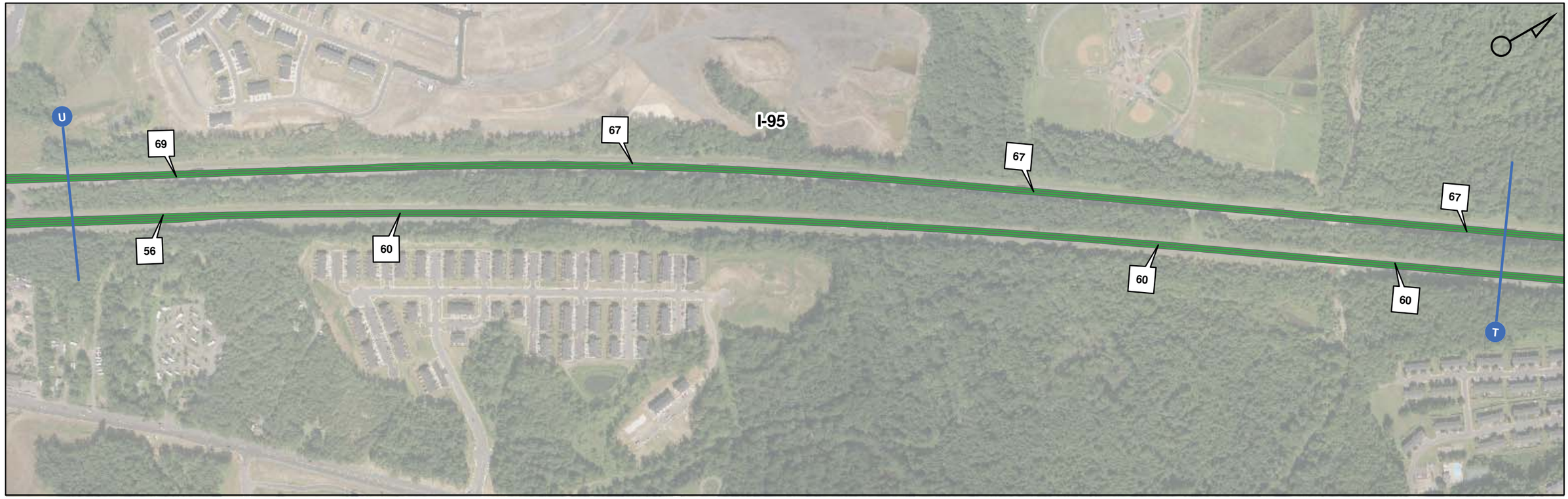
VDOT Virginia Department of Transportation

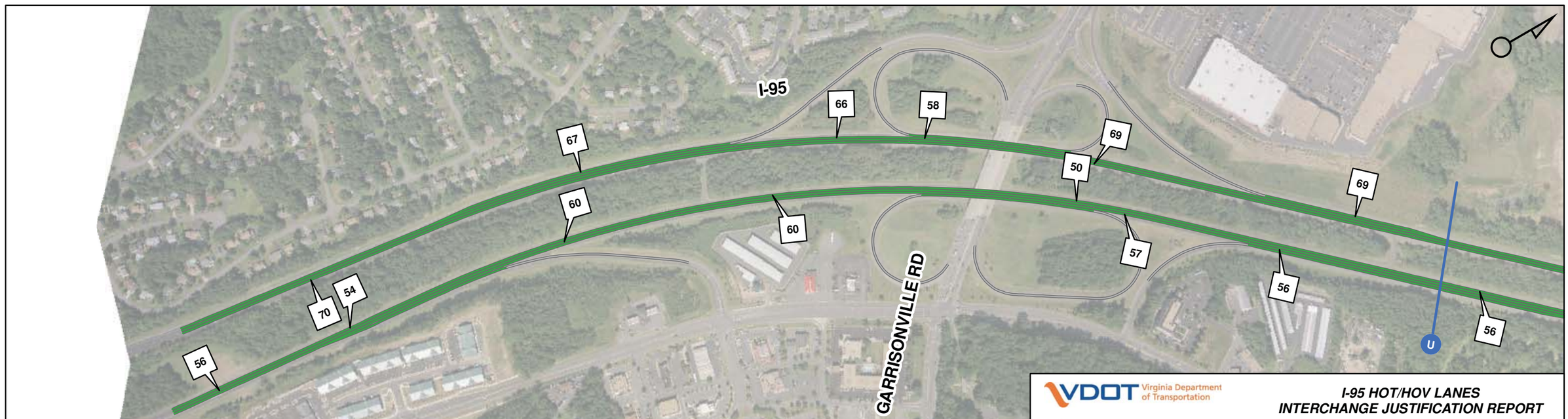
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
RUSSELL RD TO GARRISONVILLE RD

Figure: 9-13 J | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

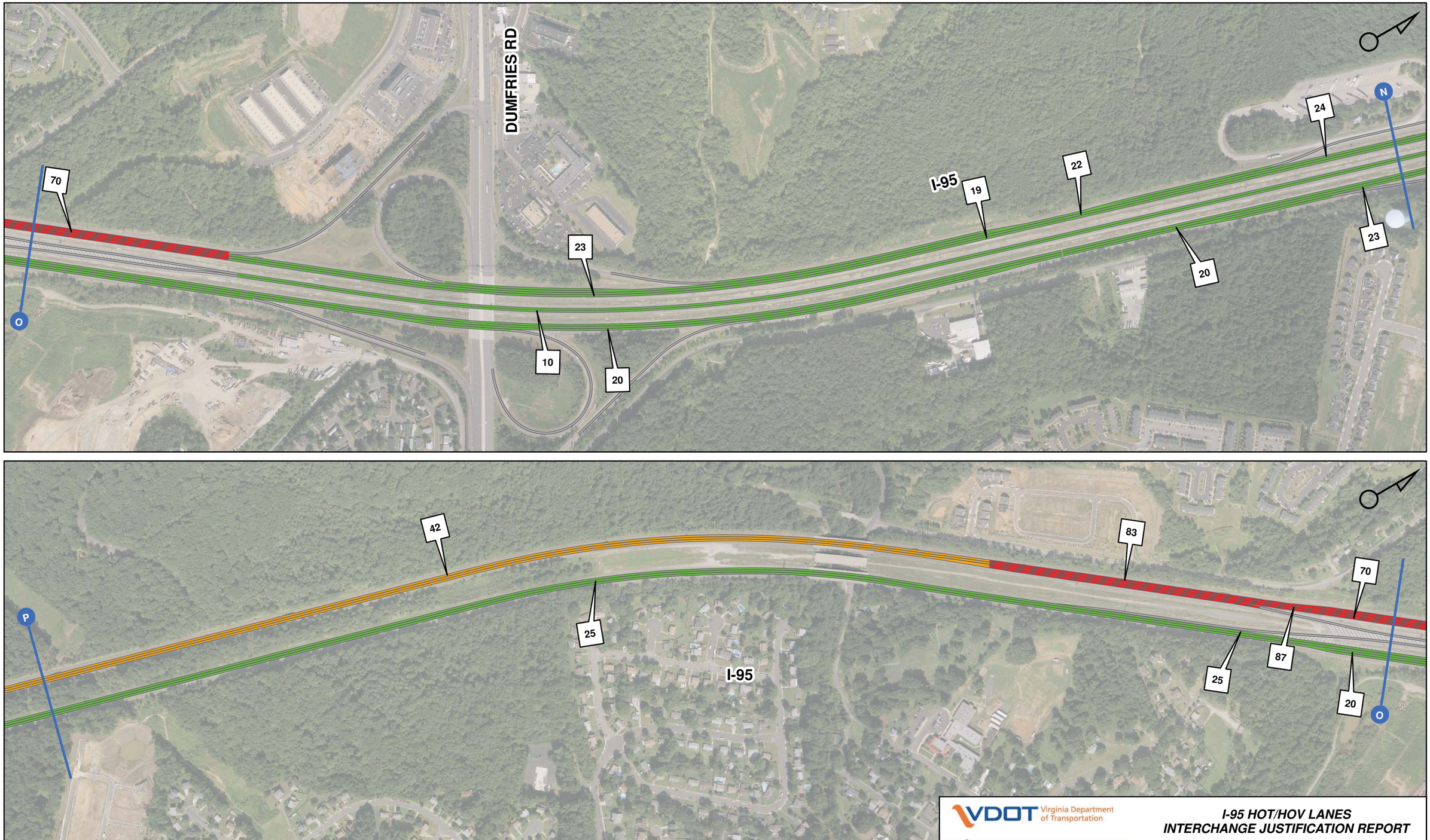
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD AM - AVERAGE SPEED
GARRISONVILLE RD INTERCHANGE

Figure: 9-13 K **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

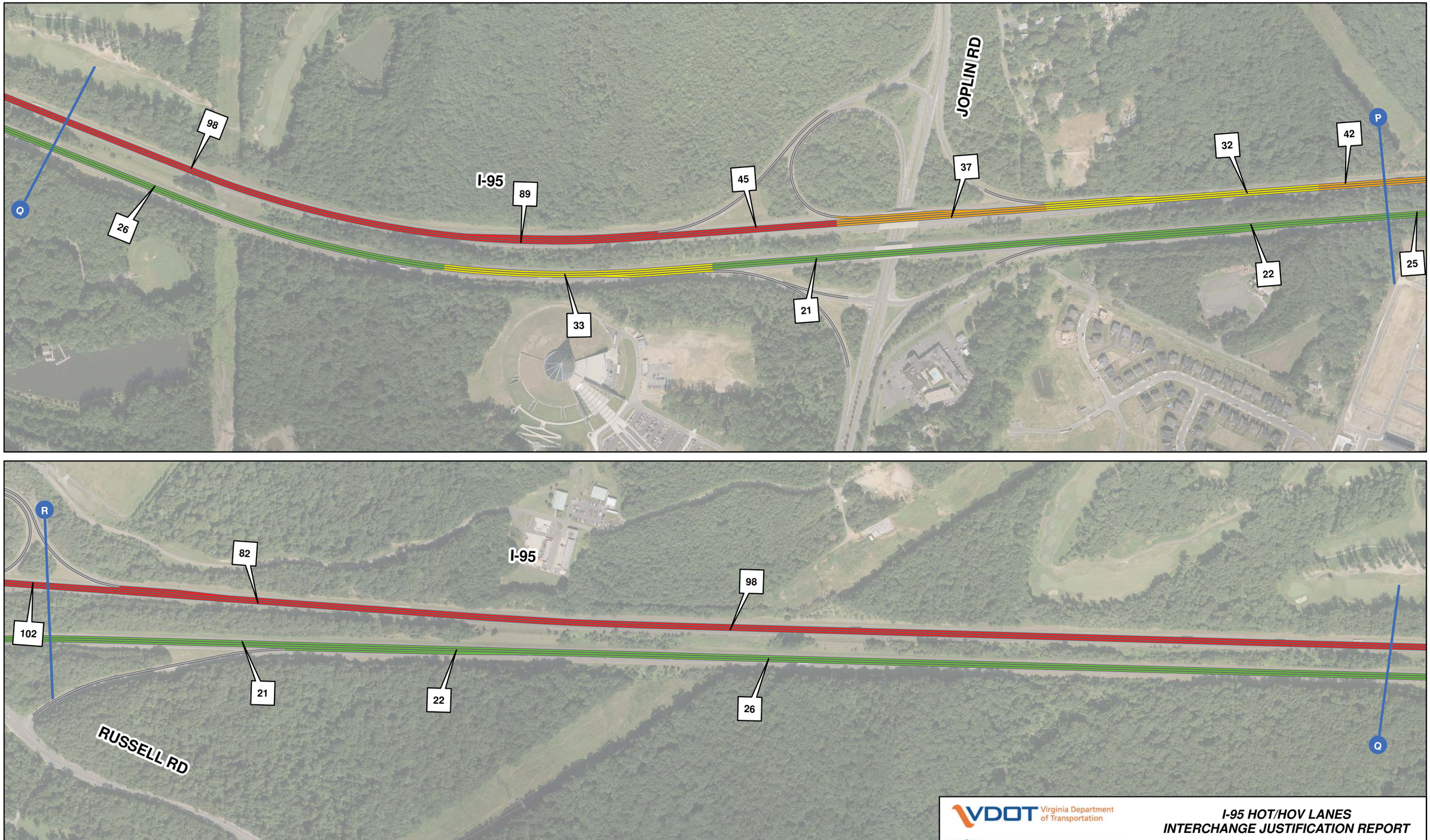
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD PM LEVEL OF SERVICE
DUMFRIES RD INTERCHANGE

Figure: 9-16 H | **Scale: 1" = 500'** | **Date:** November 21, 2011 | ***FINAL***



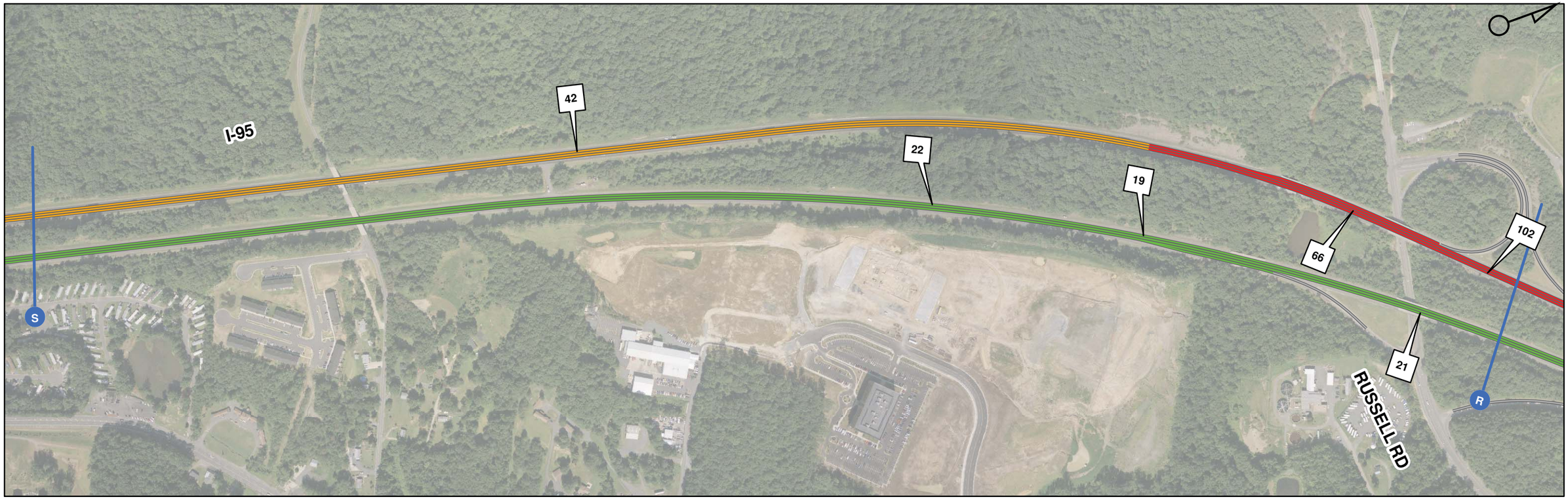
VDOT Virginia Department of Transportation

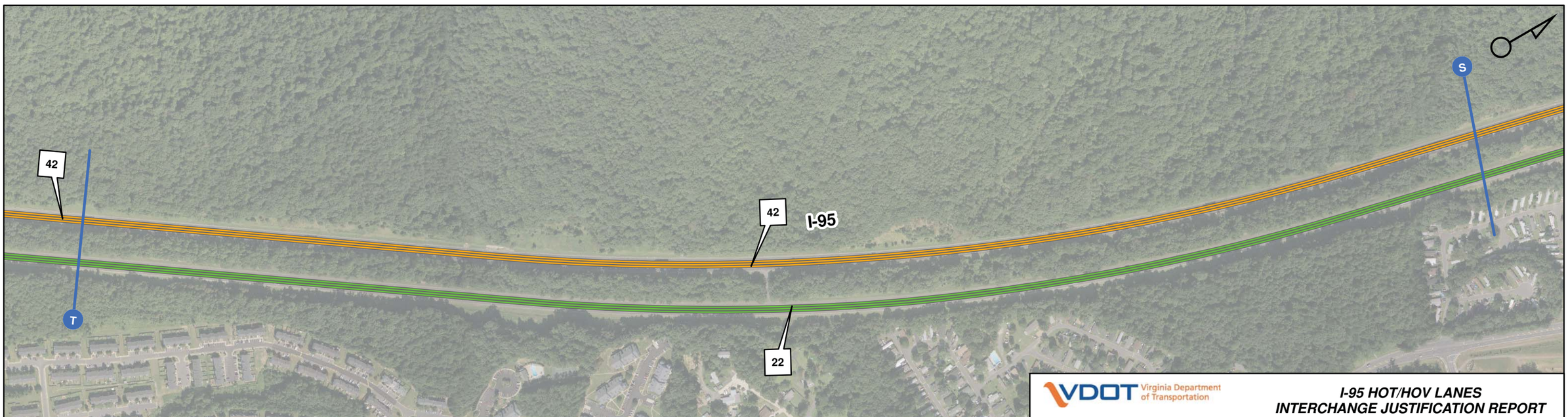
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD PM LEVEL OF SERVICE
JOPLIN RD TO RUSSELL RD

Figure: 9-16 I | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

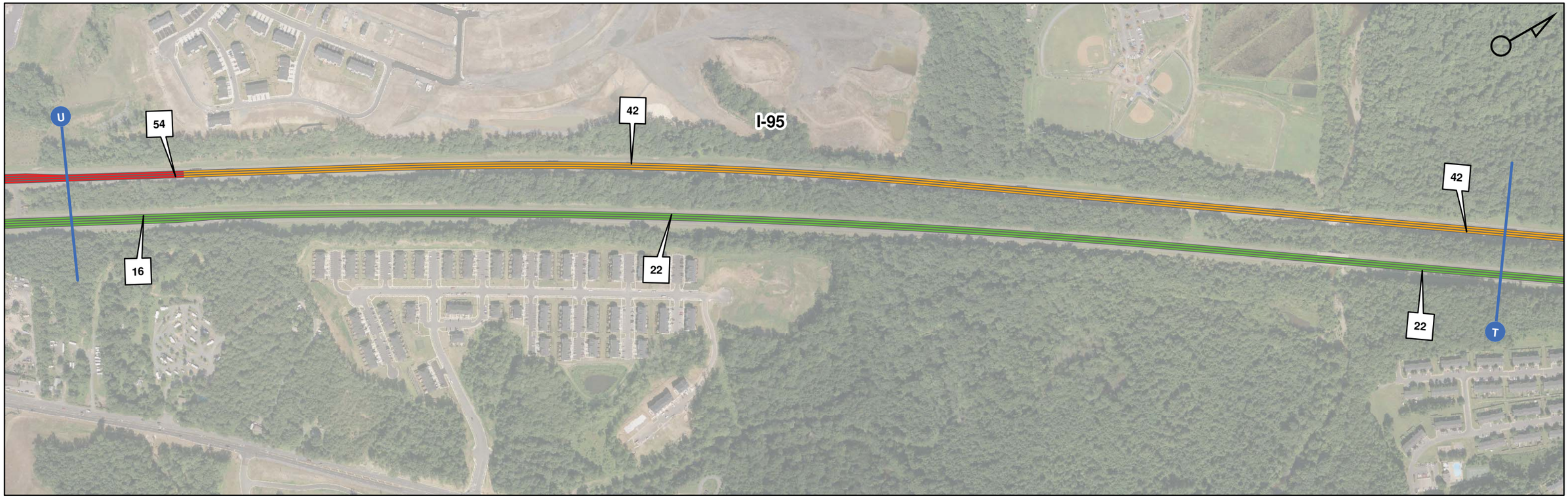
VDOT Virginia Department of Transportation

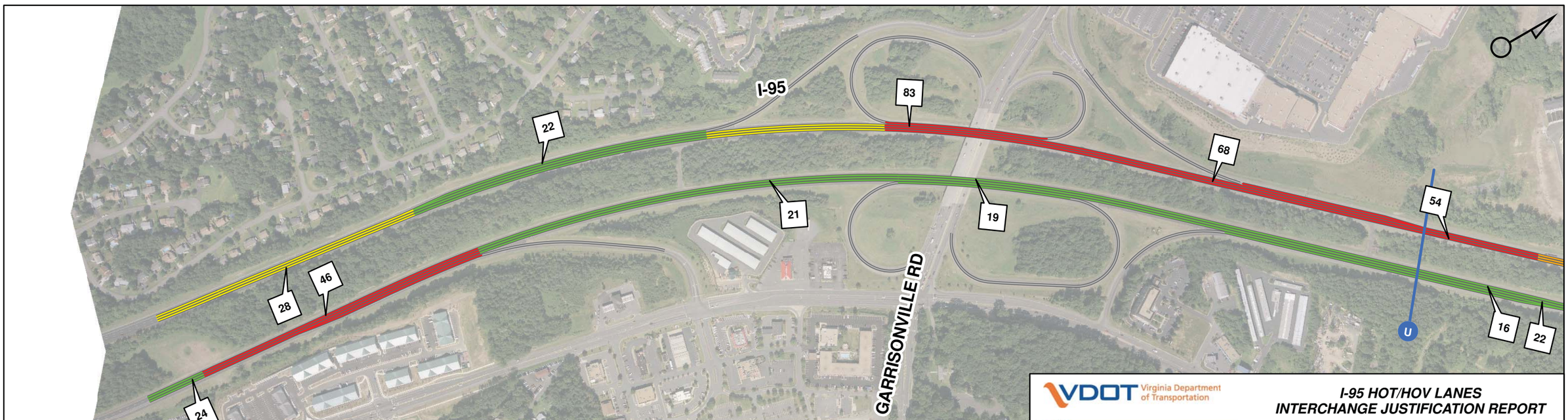
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD PM LEVEL OF SERVICE
RUSSELL RD TO GARRISONVILLE RD

Figure: 9-16 J **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

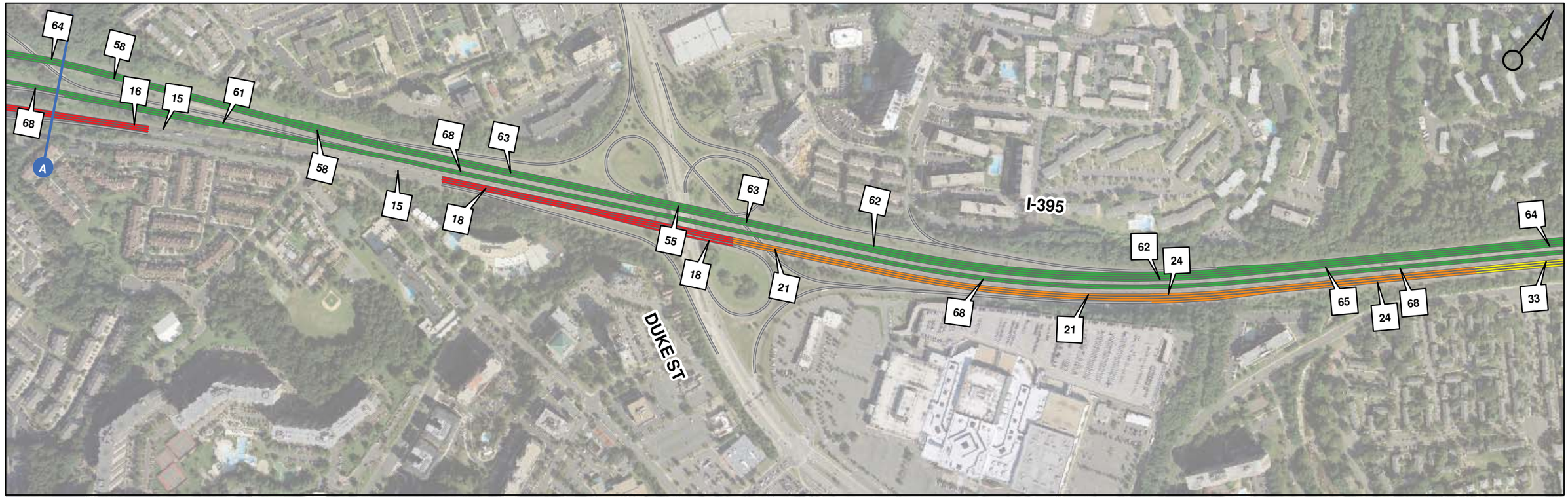
VDOT Virginia Department of Transportation

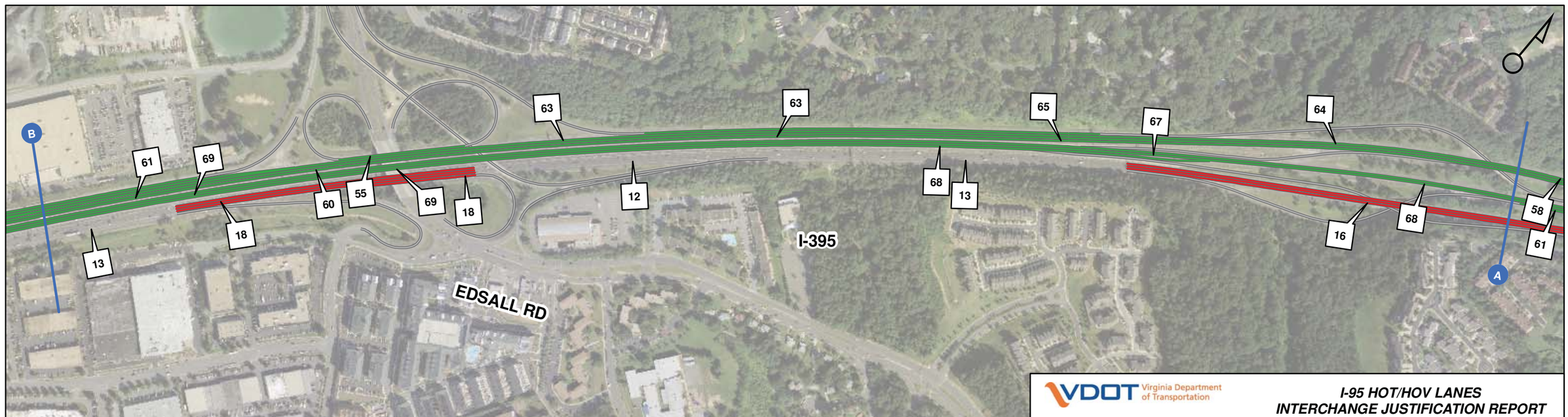
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 NO BUILD PM LEVEL OF SERVICE
GARRISONVILLE RD INTERCHANGE

Figure: 9-16 K **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH — 20 - 30 MPH — 30 - 40 MPH — 40 - 50 MPH — > 50 MPH

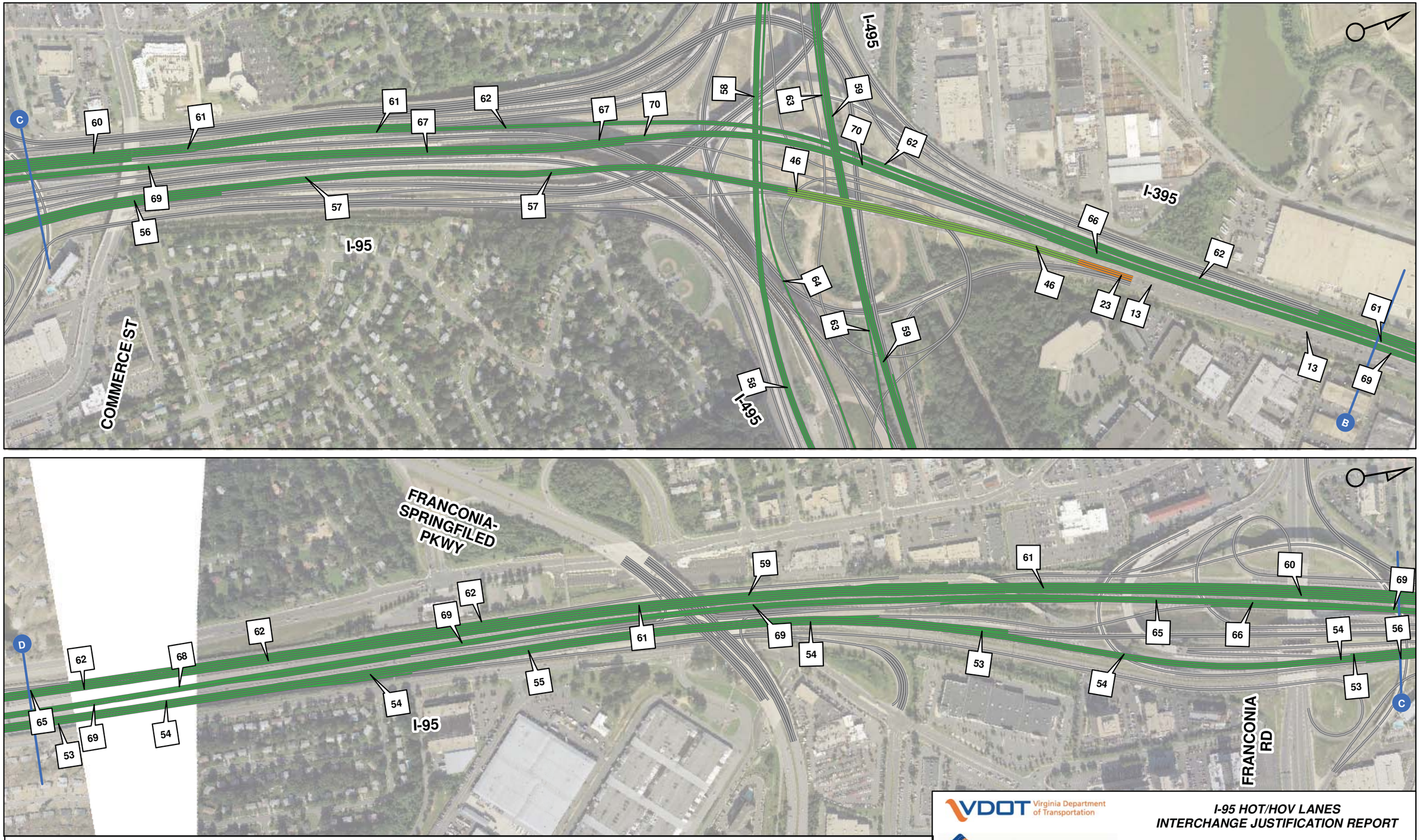
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
DUKE ST TO EDSALL RD

Figure: 9-17 A | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



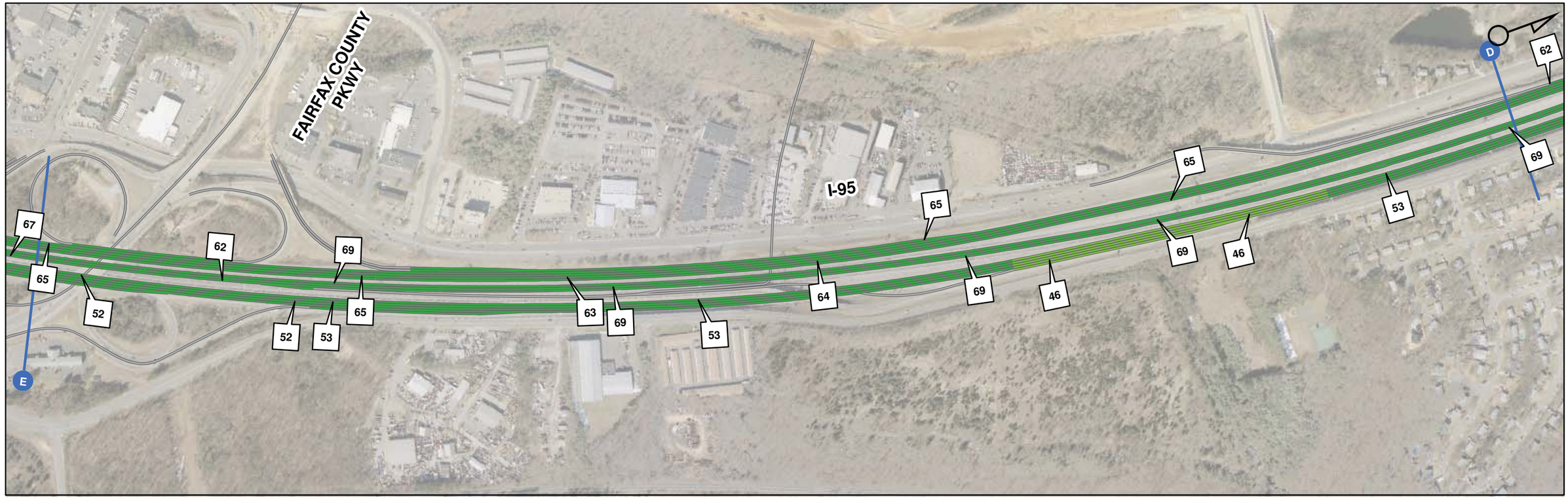
VDOT Virginia Department of Transportation

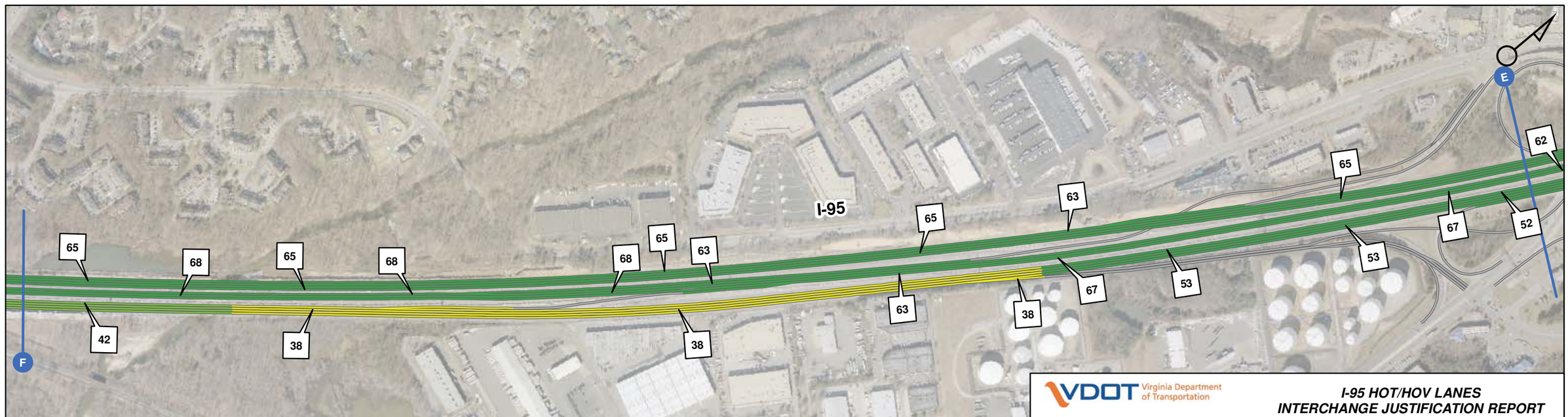
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
I-95/1-395/1-495 INTERCHANGE

Figure: 9-17 B | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH — 20 - 30 MPH — 30 - 40 MPH — 40 - 50 MPH — > 50 MPH

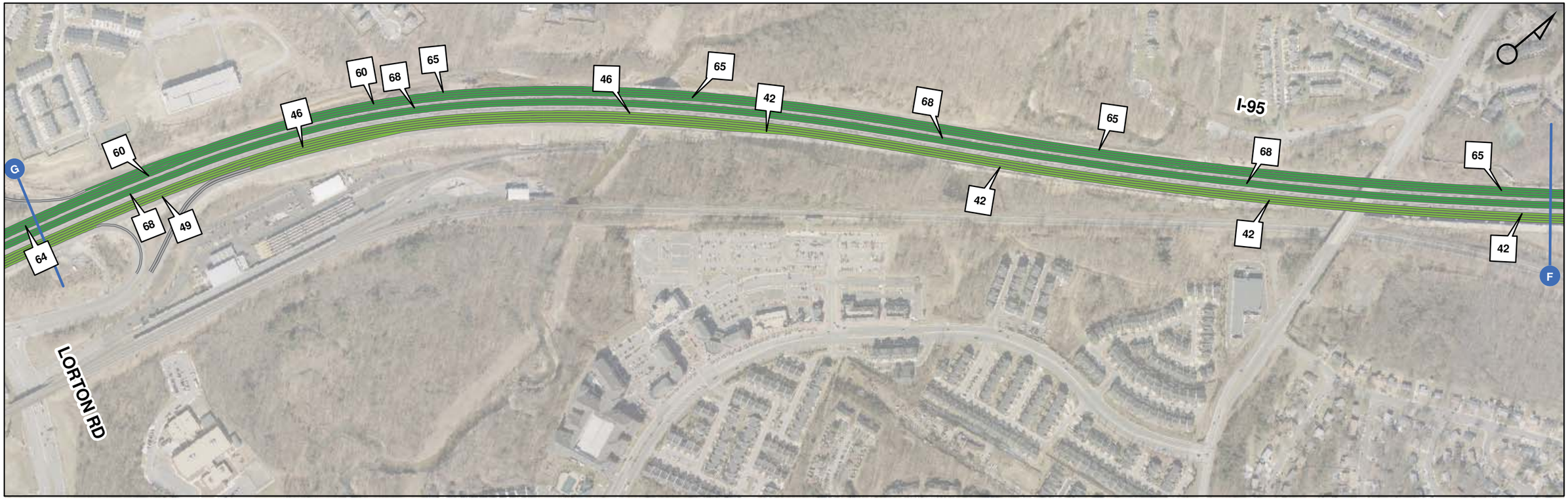
VDOT Virginia Department of Transportation

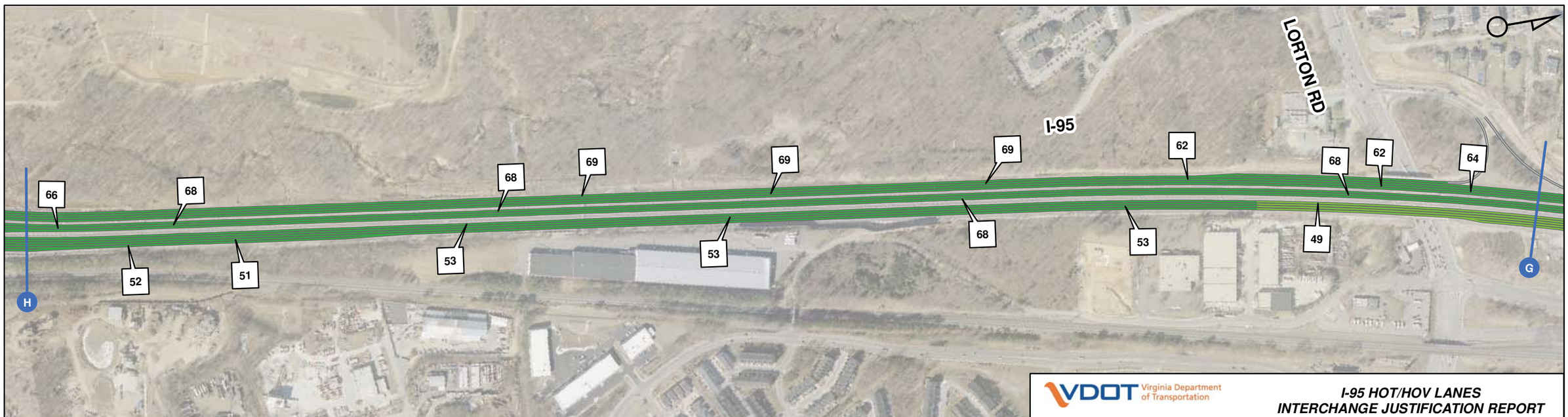
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
FRANCONIA-SPRINGFIELD PKWY TO FAIRFAX COUNTY PKWY

Figure: 9-17 C **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

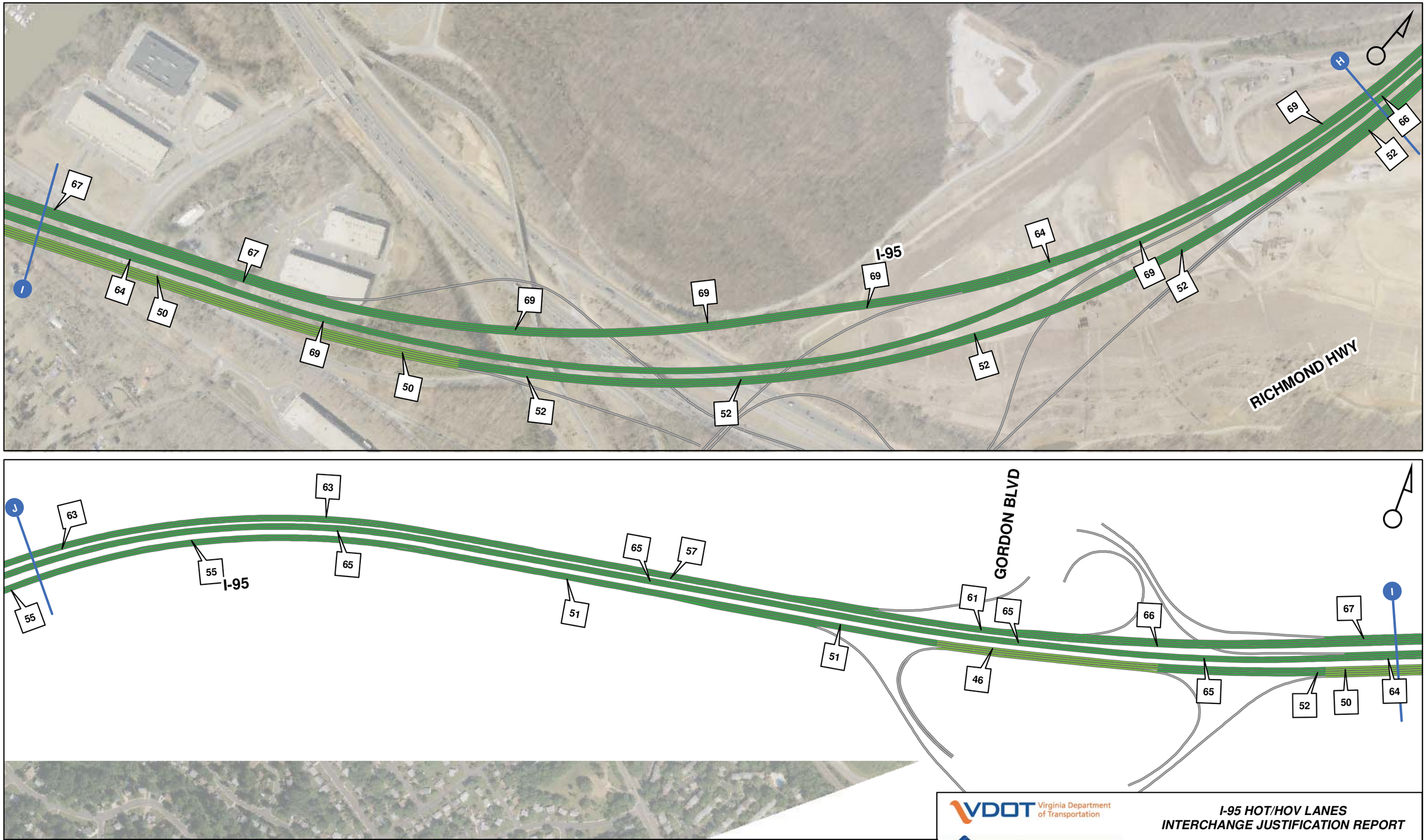
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
FAIRFAX COUNTY PKWY TO LORTON RD

Figure: 9-17 D **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
RICHMOND HWY TO GORDON BLVD

Figure: 9-17 E | Scale: 1" = 500' | Date: November 21, 2011 | FINAL

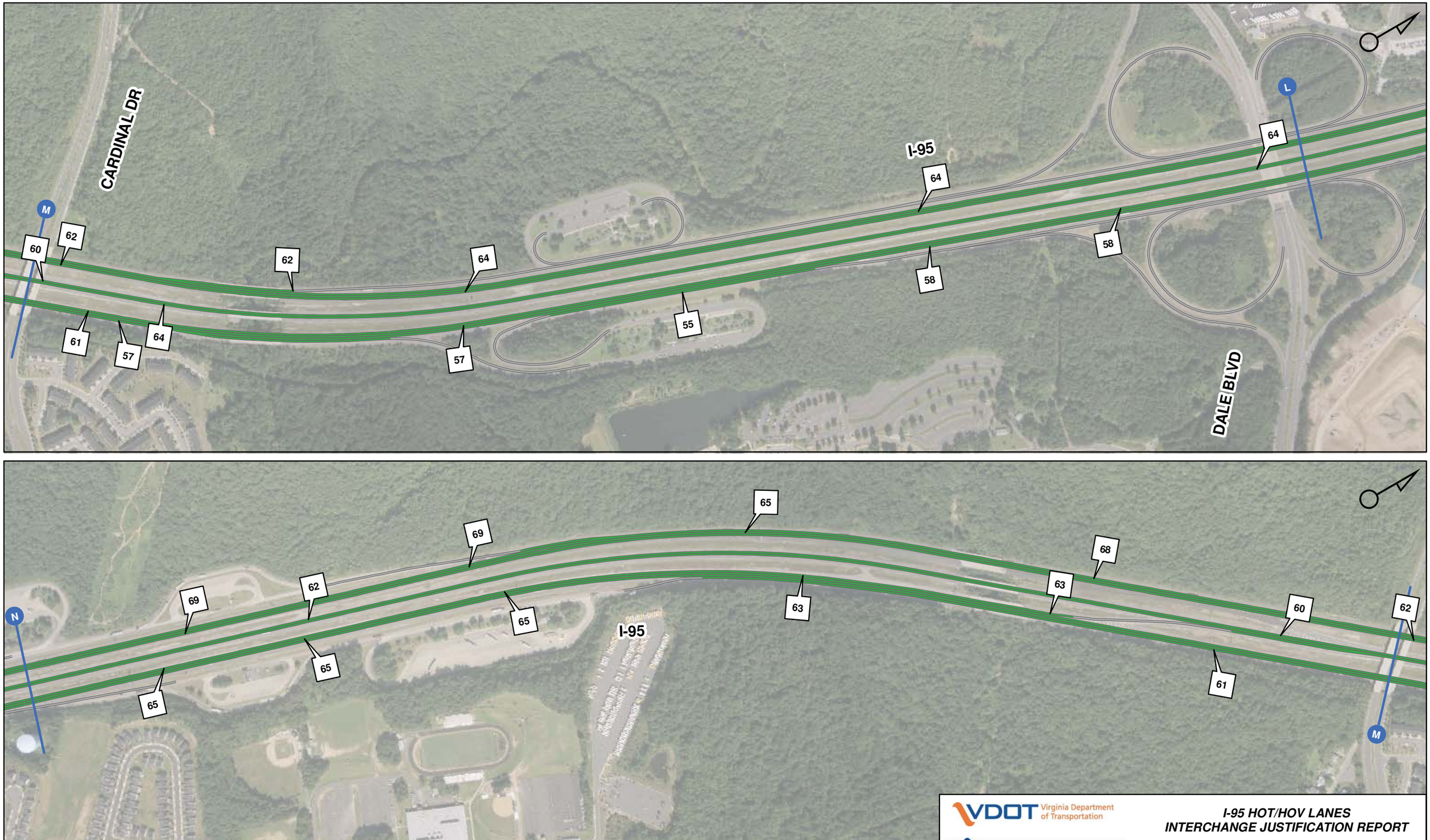
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
PRINCE WILLIAM PKWY TO DALE BLVD

Figure: 9-17 F | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*



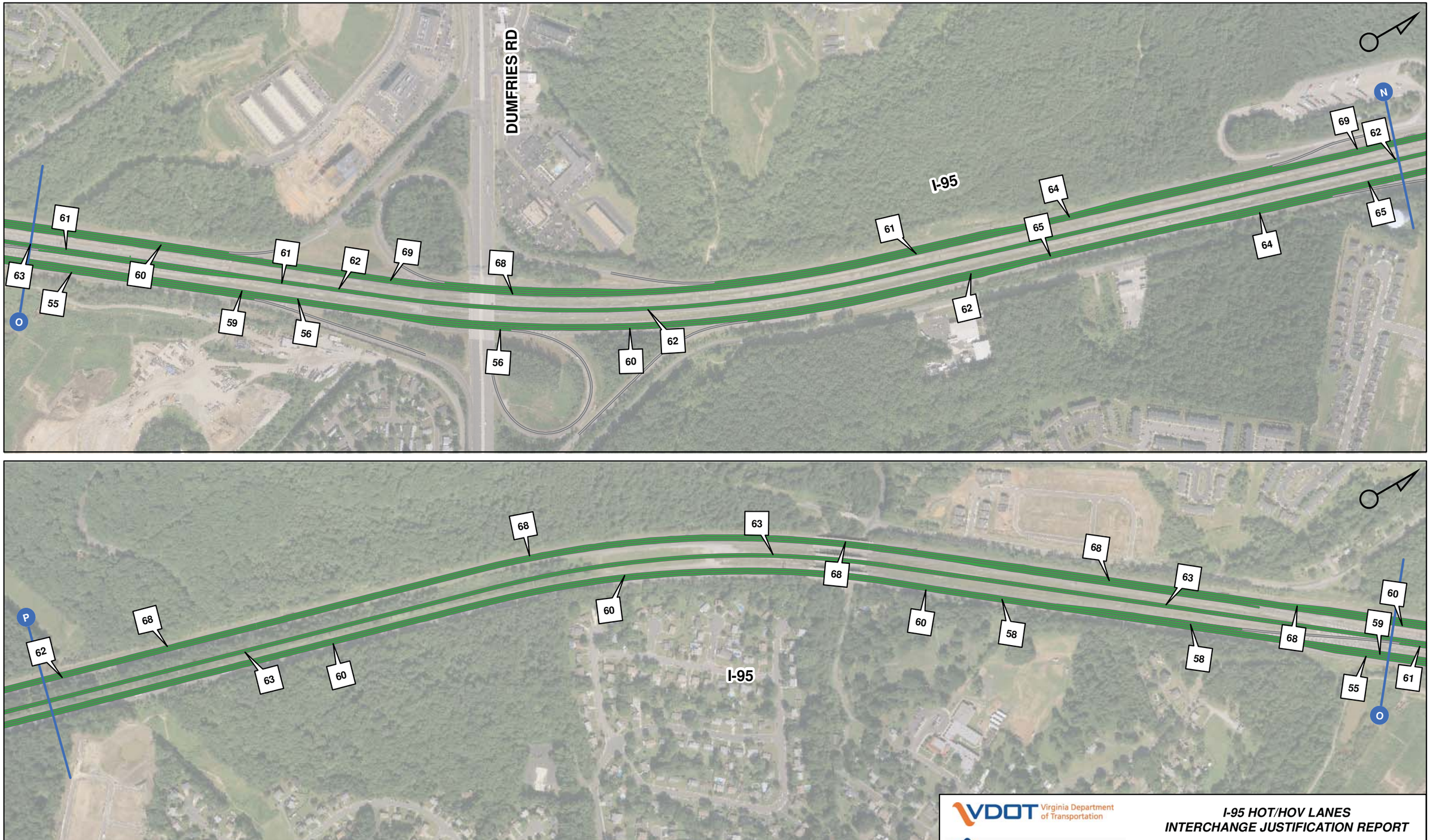
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
DALE BLVD INTERCHANGE

Figure: 9-17 G | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



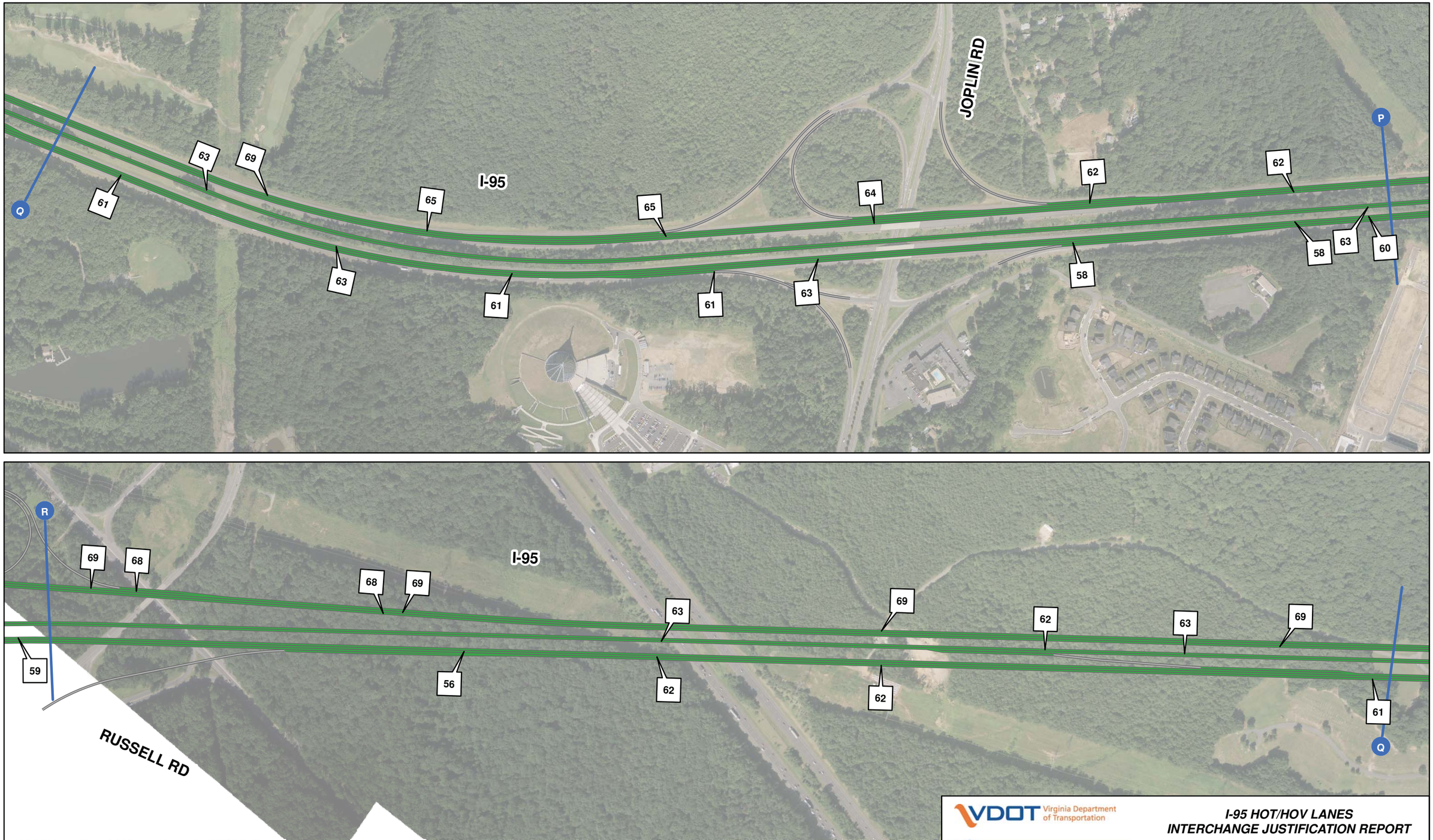
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
DUMFRIES RD INTERCHANGE

Figure: 9-17 H | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*



VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
JOPLIN RD TO RUSSELL RD

Figure: 9-17 I | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*

0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

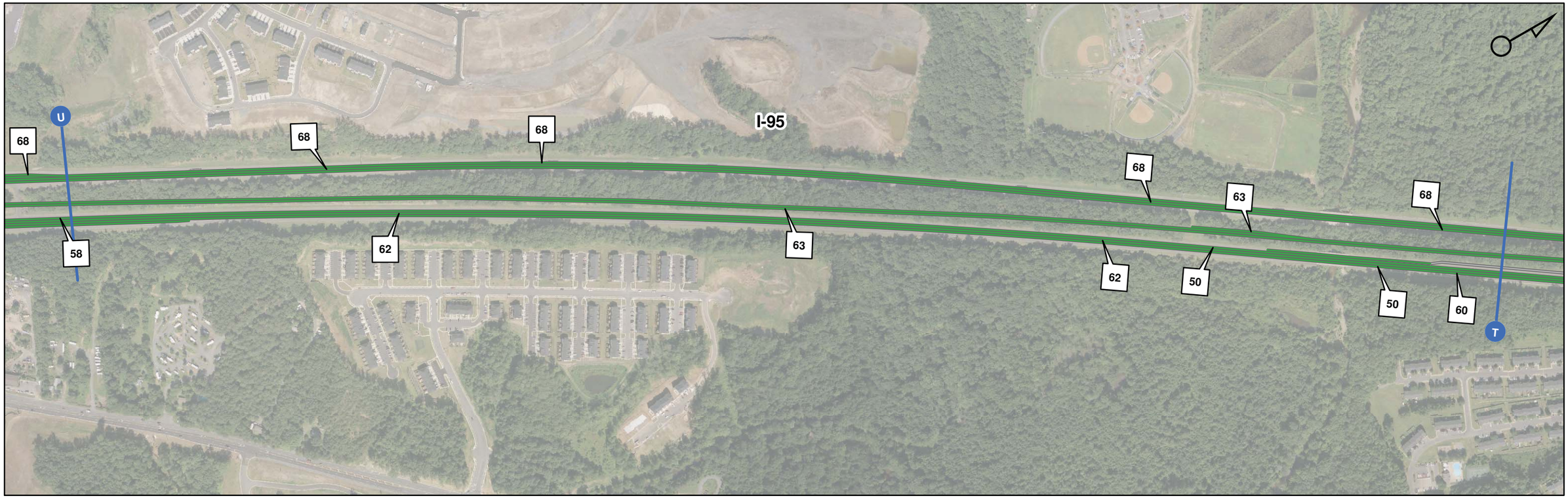
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
RUSSELL RD TO GARRISONVILLE RD

Figure: 9-17 J **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 — 10 - 20 MPH — 20 - 30 MPH — 30 - 40 MPH — 40 - 50 MPH — > 50 MPH

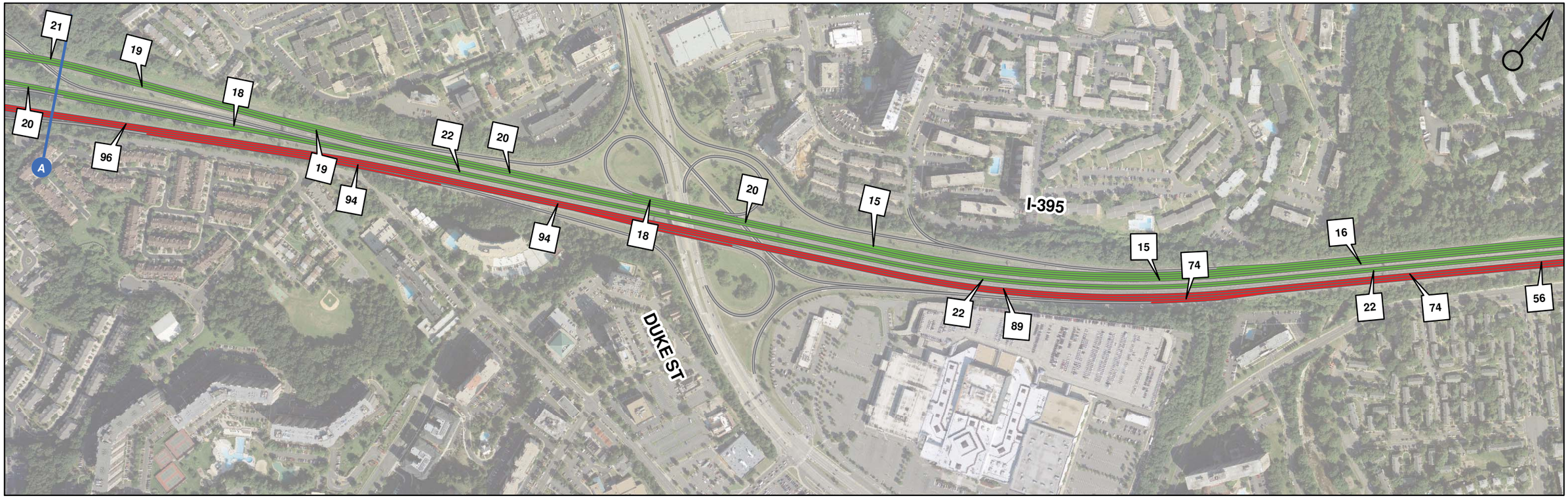
VDOT Virginia Department of Transportation

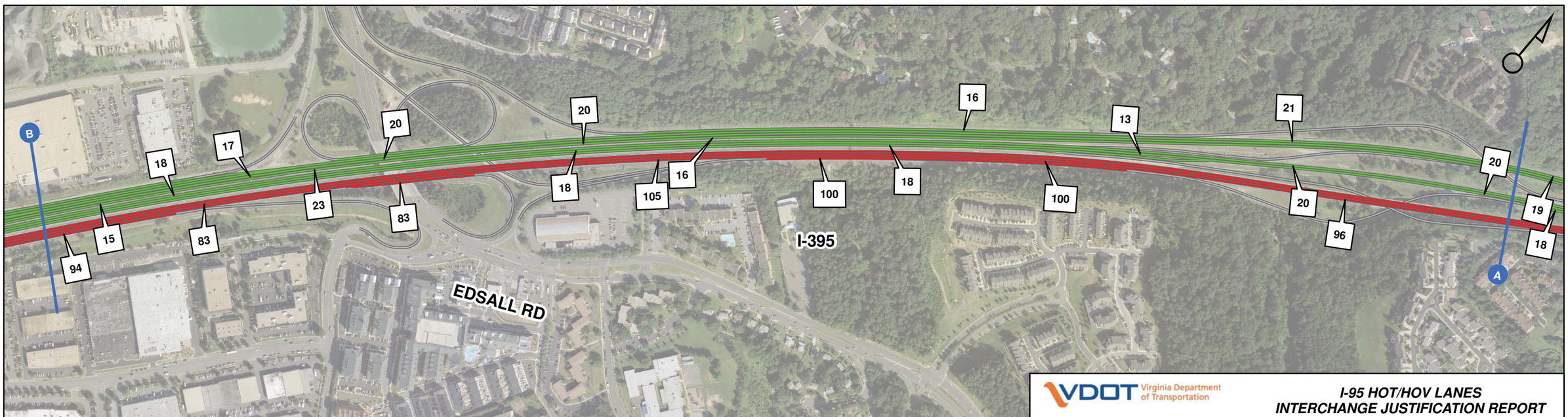
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - AVERAGE SPEED
GARRISONVILLE RD INTERCHANGE

Figure: 9-17 K **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***





Feet
0 250 500 1,000

Density - vehicles per hour per lane

123

Level of Service

A - C D E F

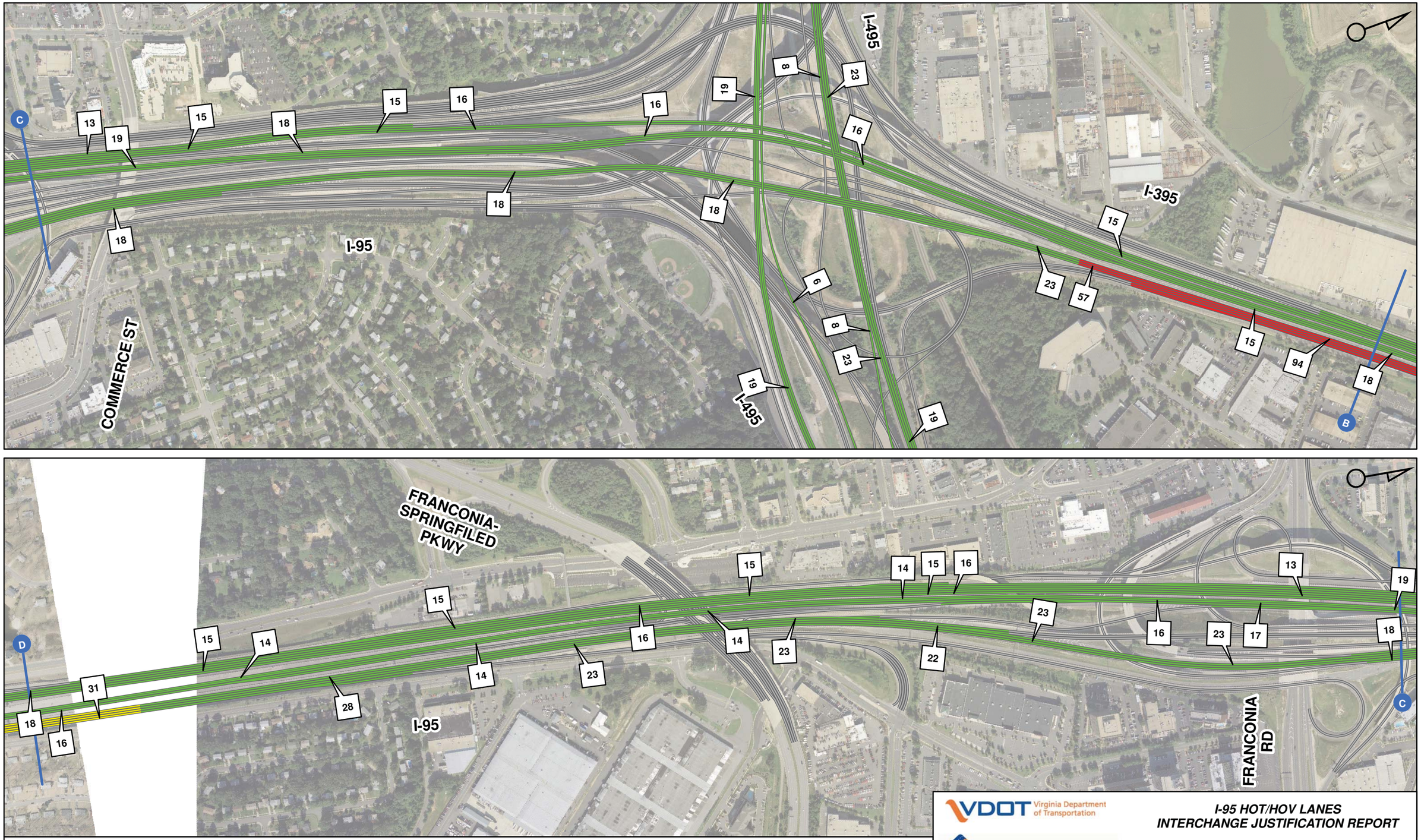
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
DUKE ST TO EDSALL RD

Figure: 9-18 A | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



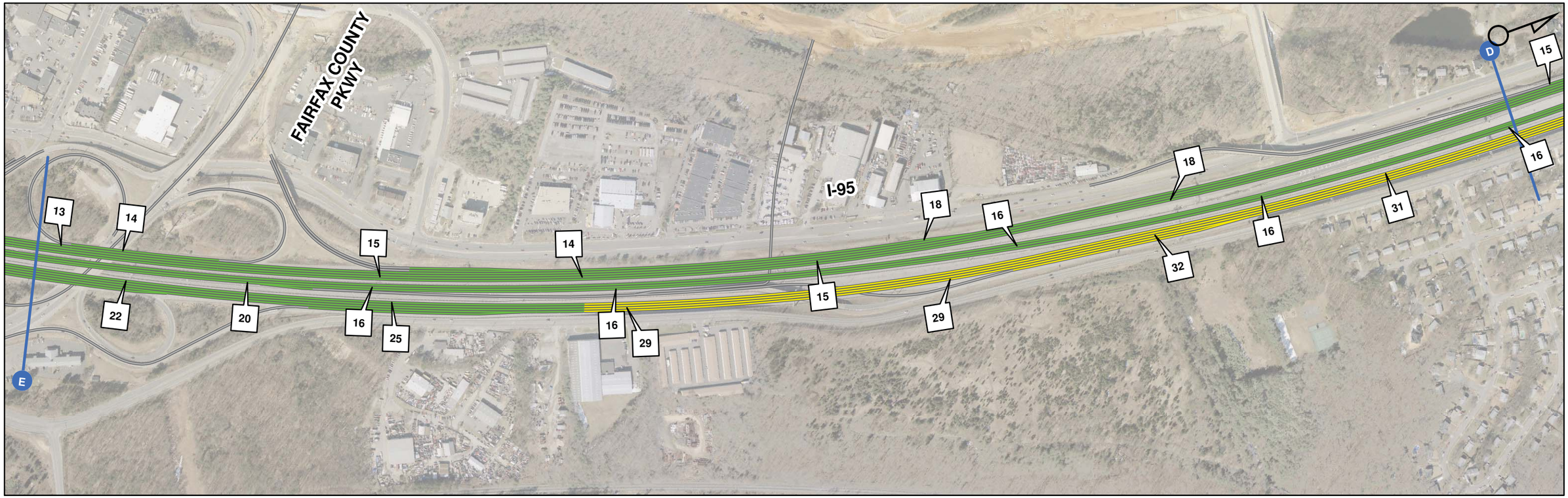
VDOT Virginia Department of Transportation

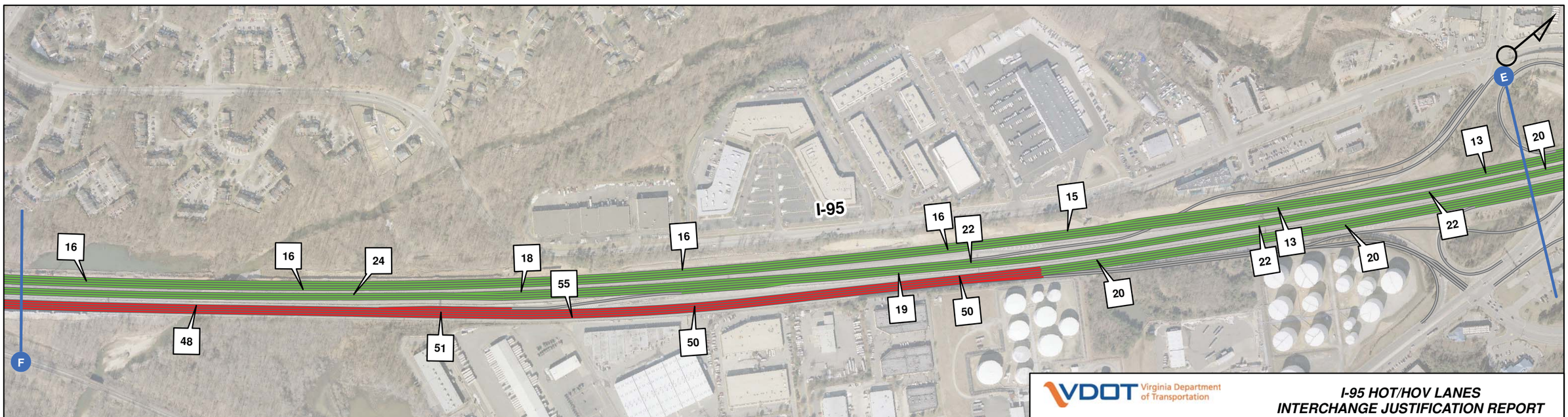
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
I-95/1-395/1-495 INTERCHANGE

Figure: 9-18 B | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

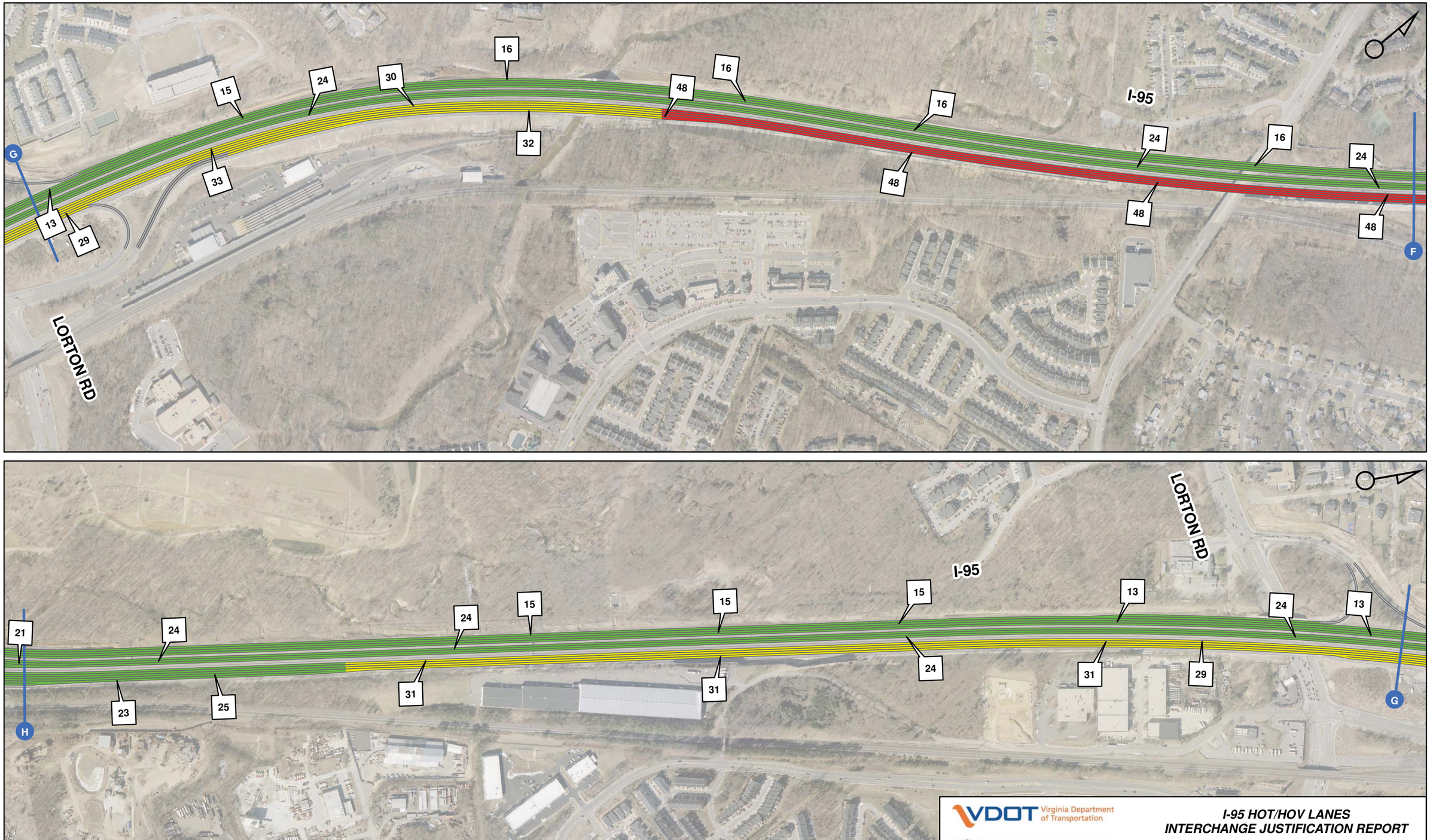
A - C | D | E | F

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT
2035 BUILD AM - LEVEL OF SERVICE
FRANCONIA-SPRINGFIELD PKWY TO
FAIRFAX COUNTY PKWY

Figure: 9-18 C **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



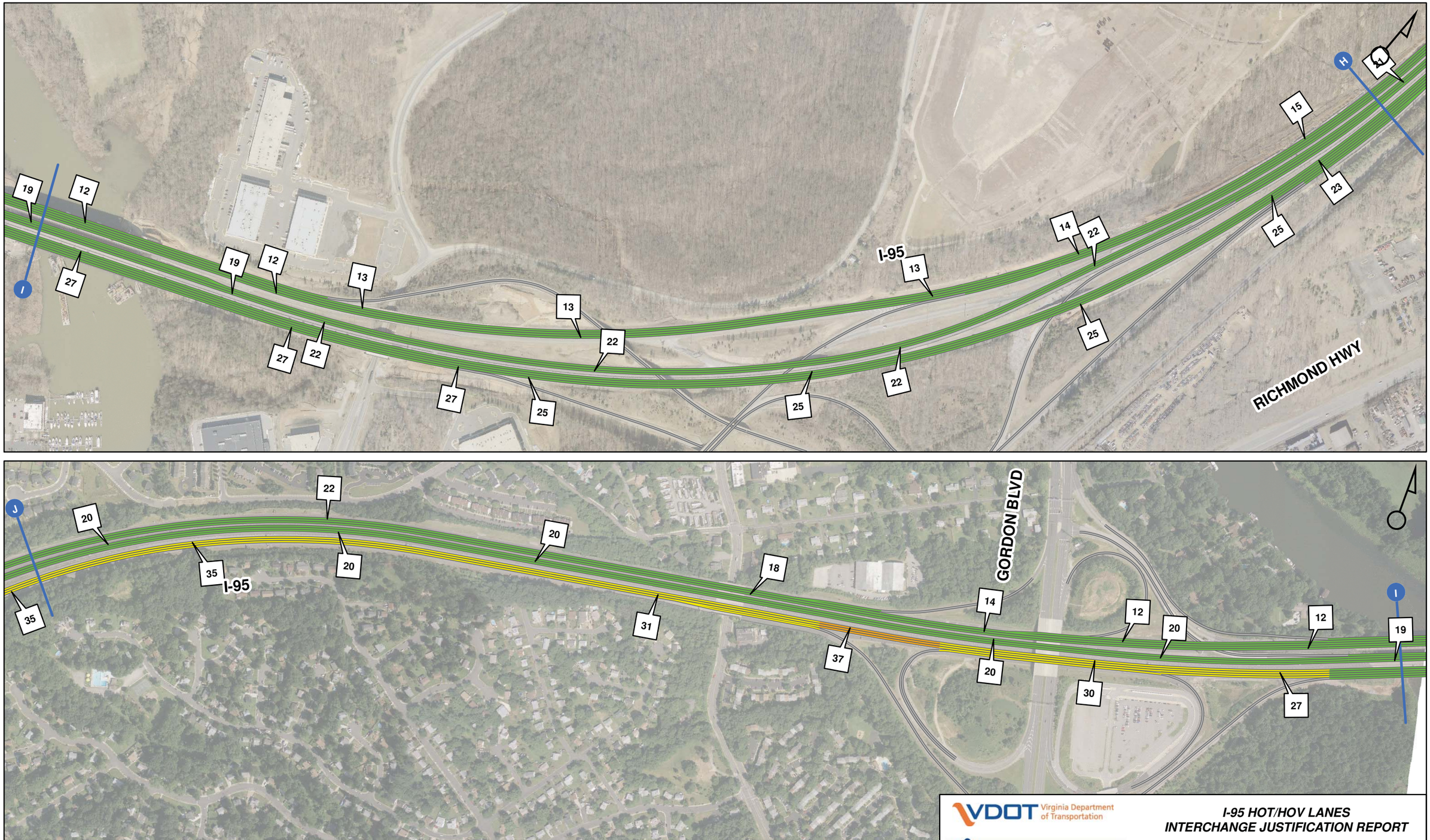
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
FAIRFAX COUNTY PKWY TO LORTON RD

Figure: 9-18 D | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



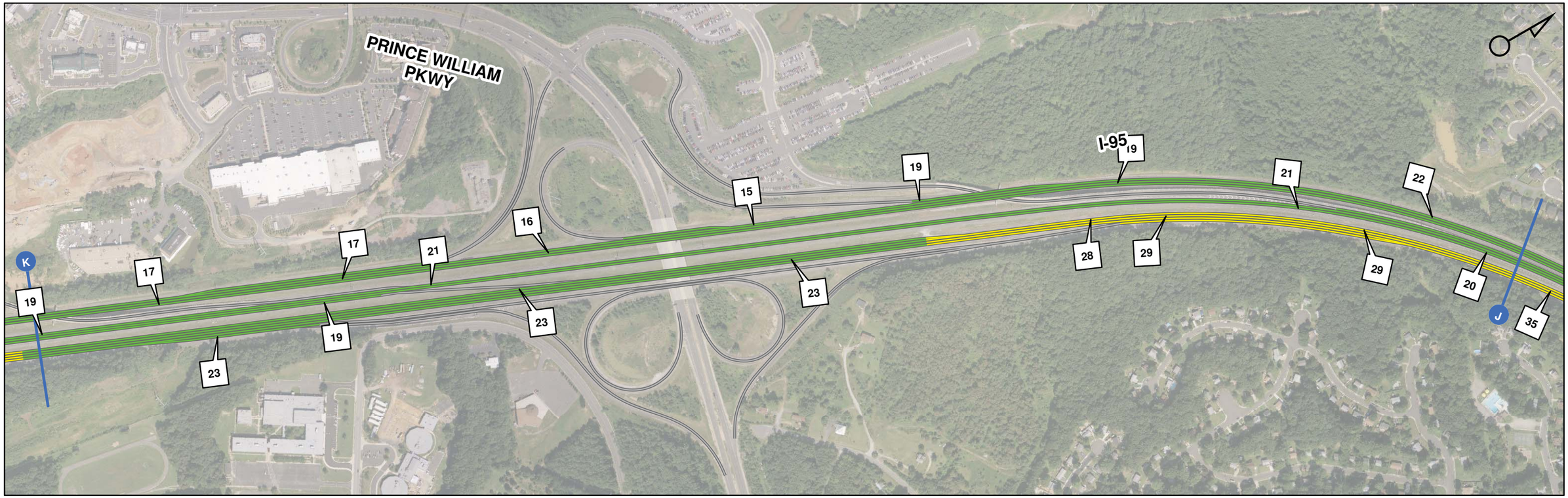
VDOT Virginia Department of Transportation

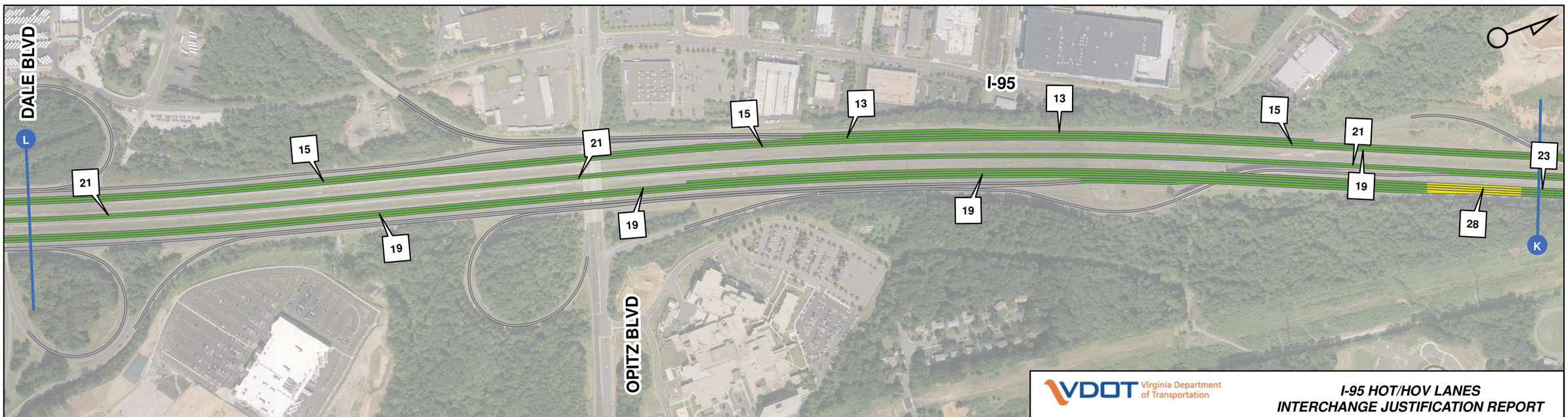
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
RICHMOND HWY TO GORDON BLVD

Figure: 9-18 E | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

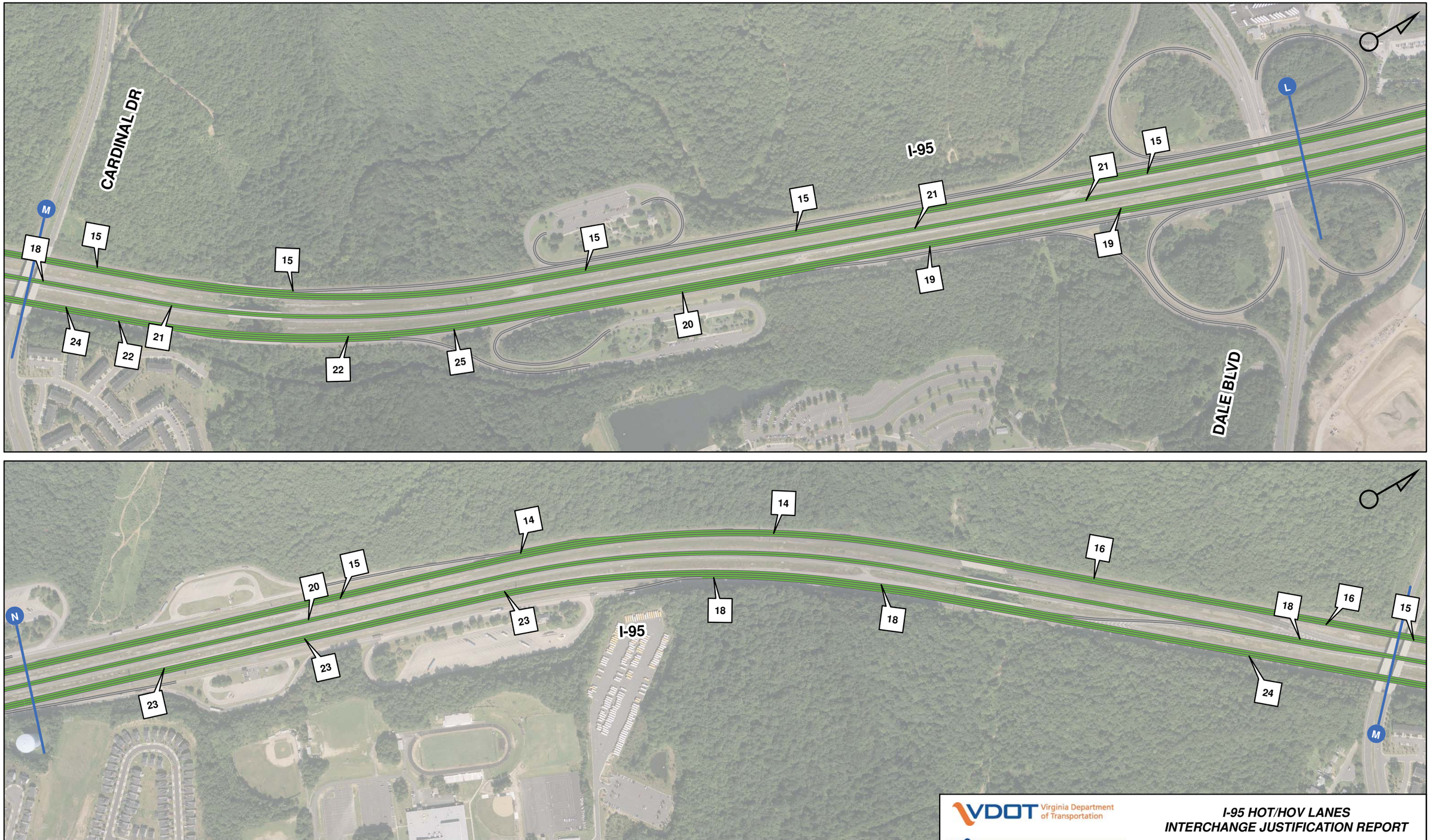
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
PRINCE WILLIAM PKWY TO DALE BLVD

Figure: 9-18 F | **Scale: 1" = 500'** | **Date:** November 21, 2011 | ***FINAL***



0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C D E F

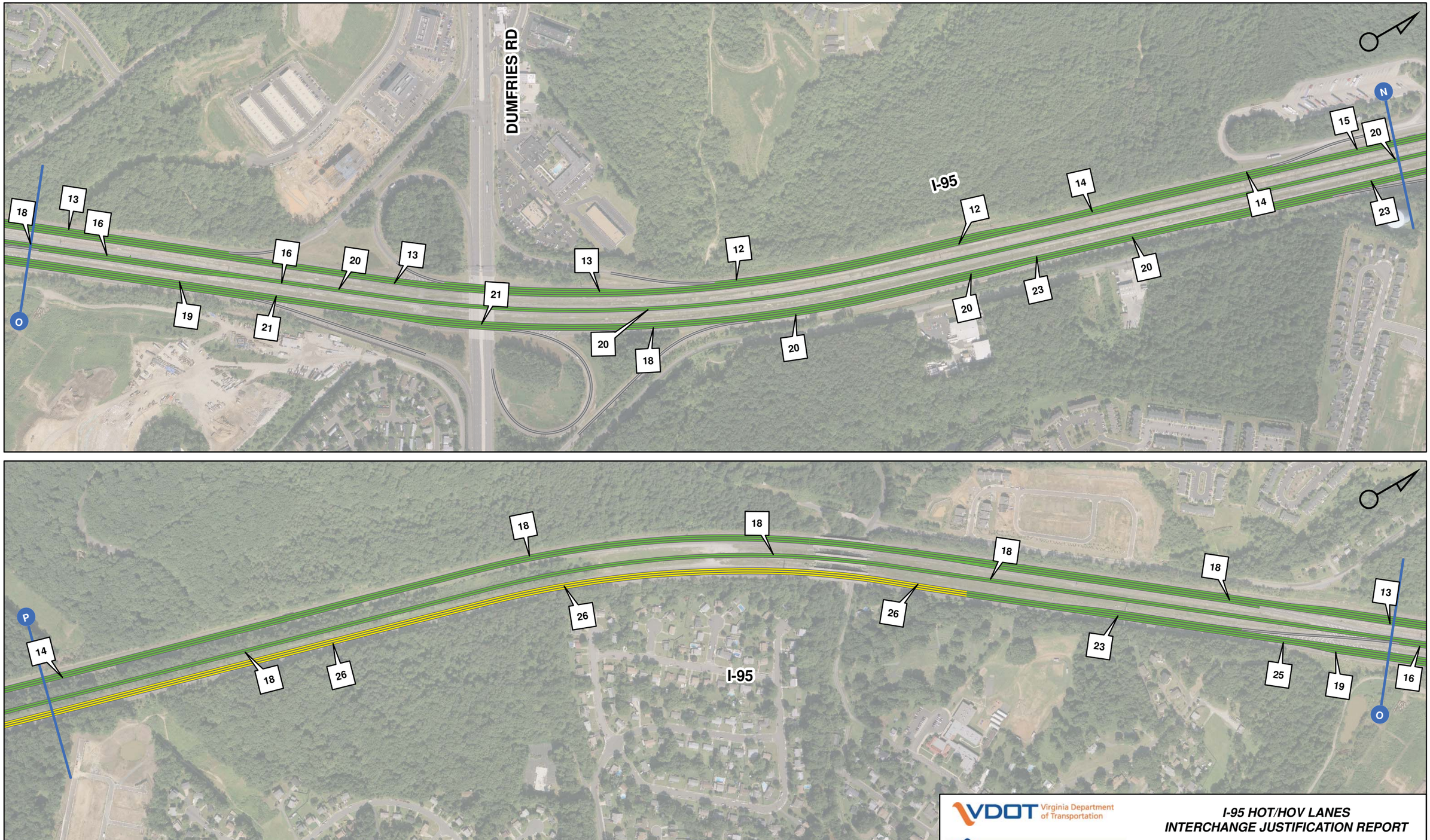
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
DALE BLVD INTERCHANGE

Figure: 9-18 G **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



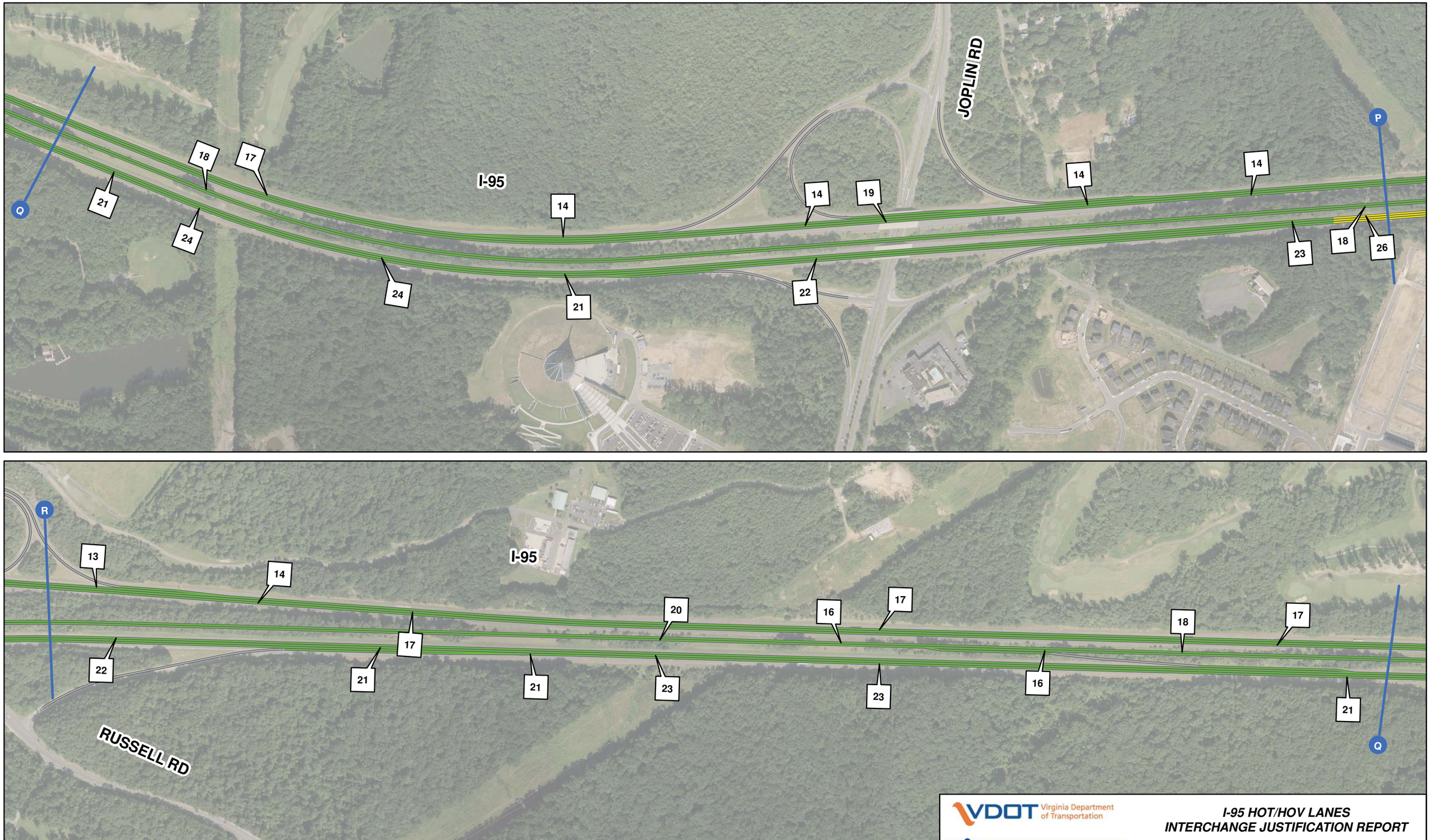
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
DUMFRIES RD INTERCHANGE

Figure: 9-18 H | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C D E F

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
JOPLIN RD TO RUSSELL RD

Figure: 9-18 I **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***

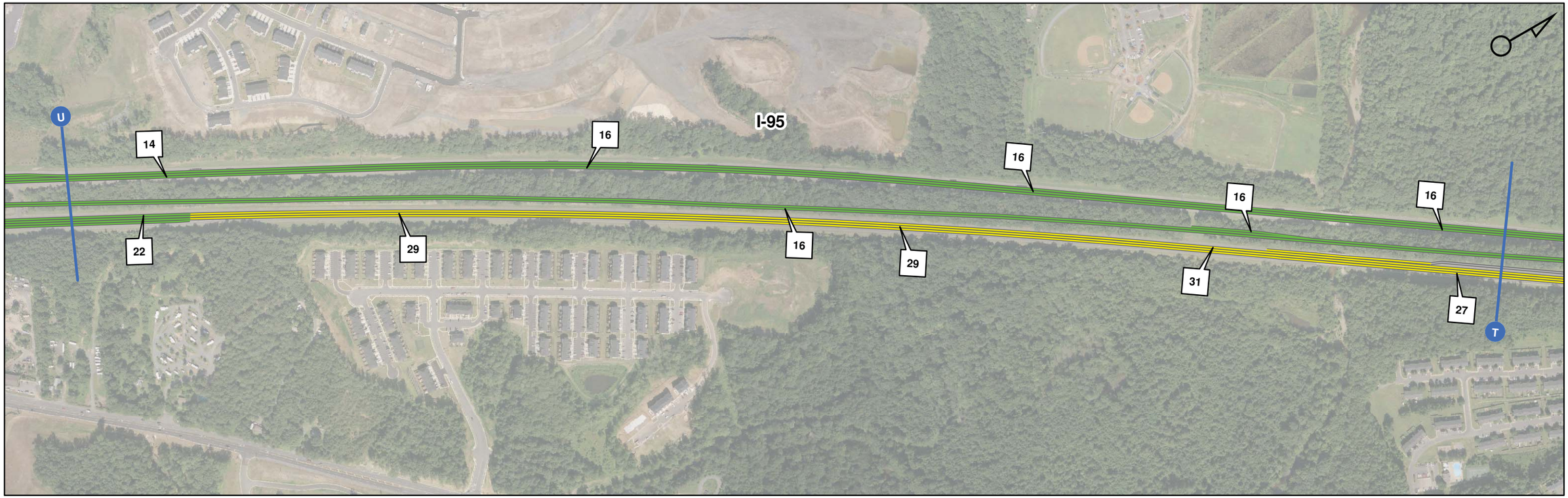
VDOT Virginia Department of Transportation

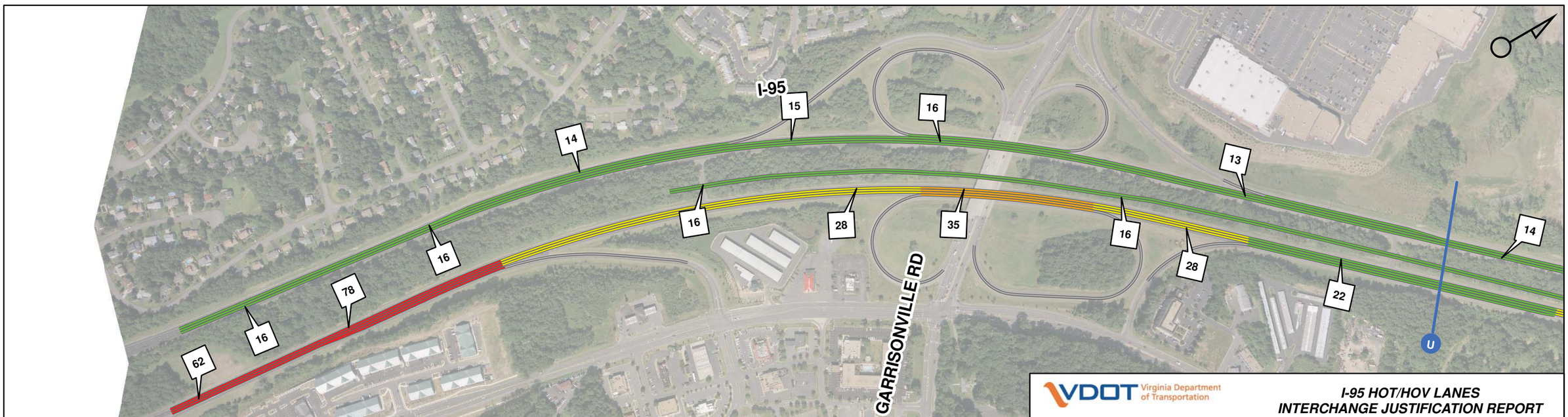
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
RUSSELL RD TO GARRISONVILLE RD

Figure: 9-18 J | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Density - vehicles per hour per lane

123

Level of Service

A - C | D | E | F

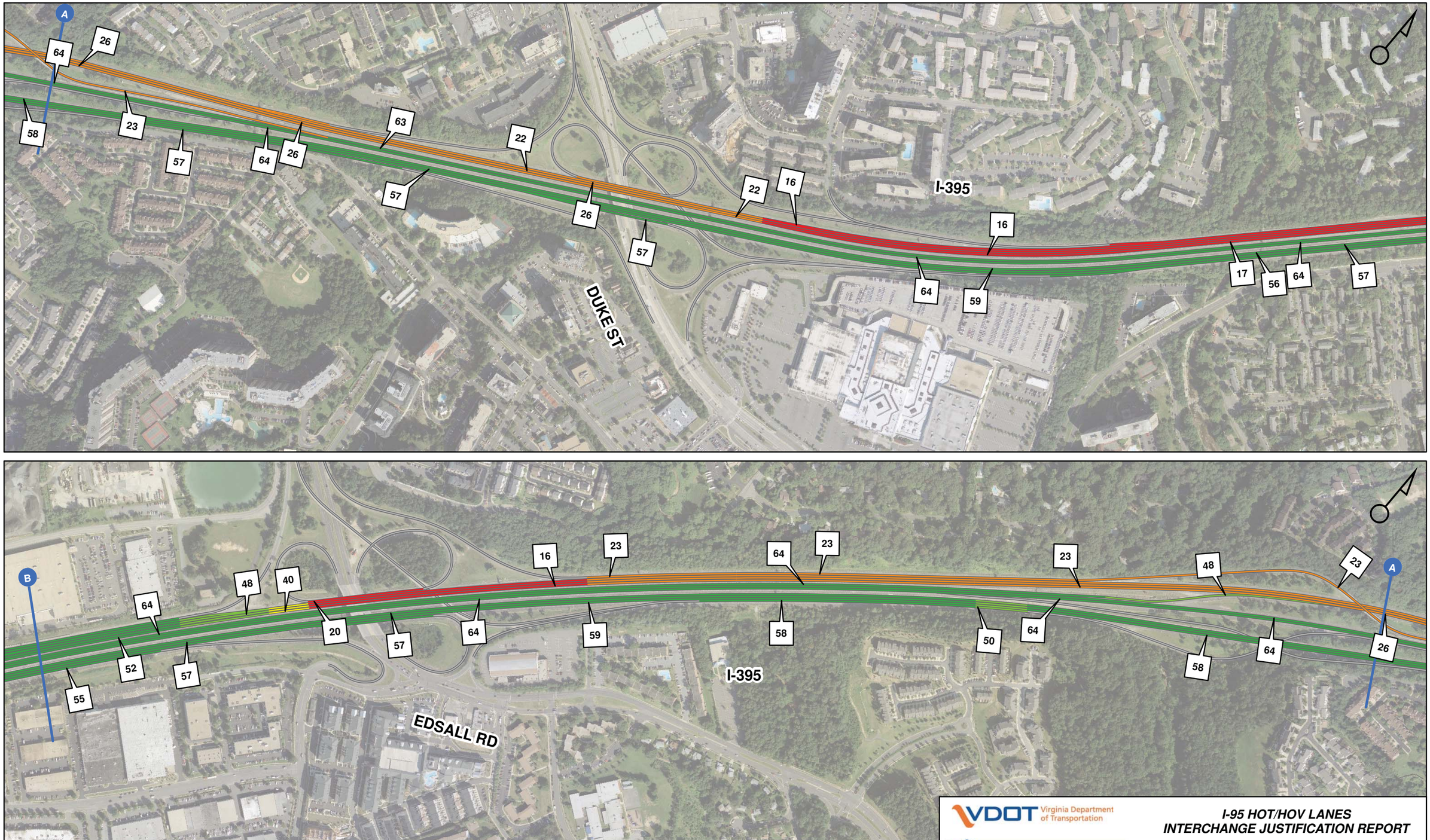
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD AM - LEVEL OF SERVICE
GARRISONVILLE RD INTERCHANGE

Figure: 9-18 K **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



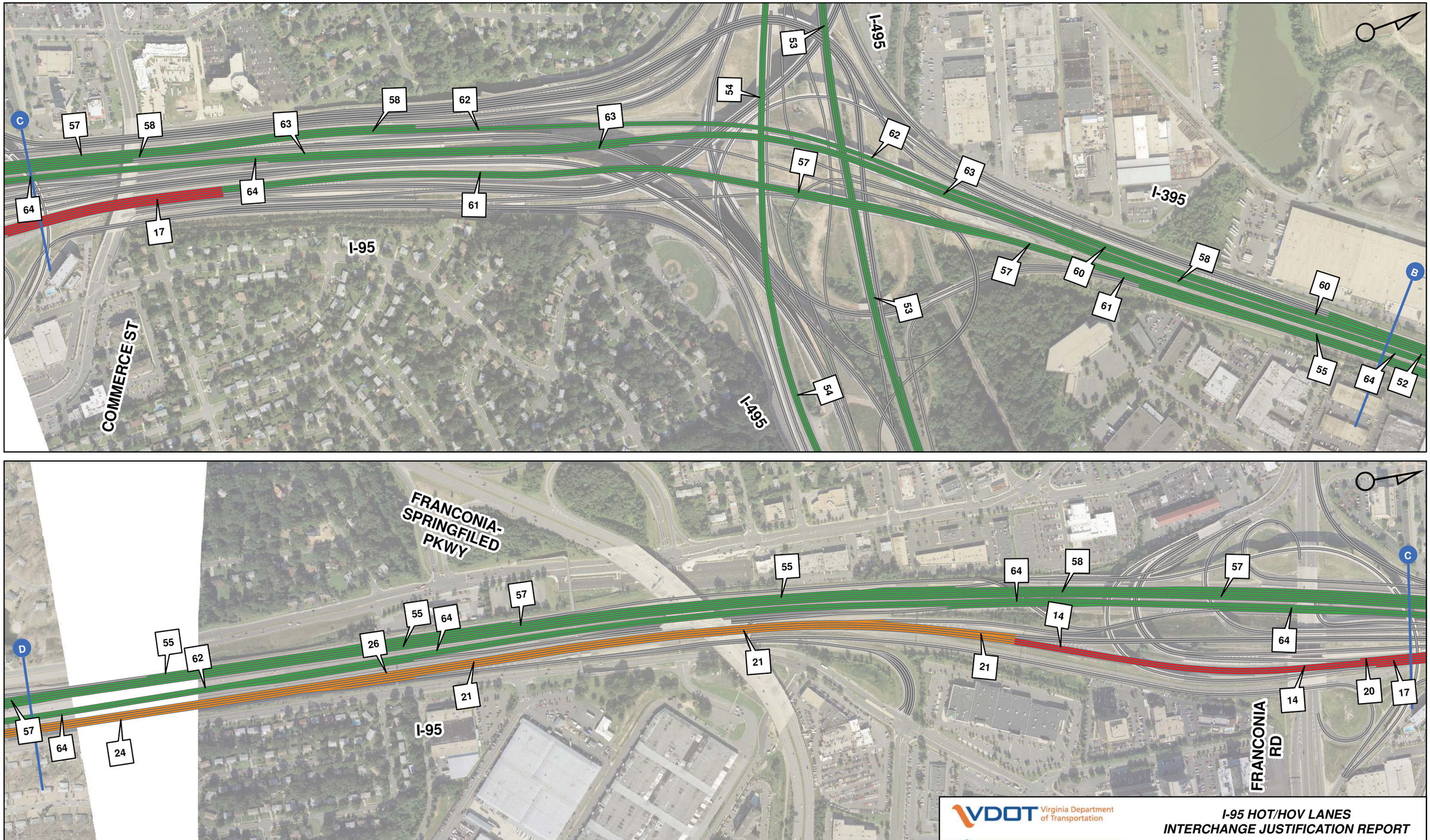
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD PM - AVERAGE SPEED
DUKE ST TO EDSALL RD

Figure: 9-19 A | Scale: 1" = 500' | Date: November 21, 2011 | FINAL



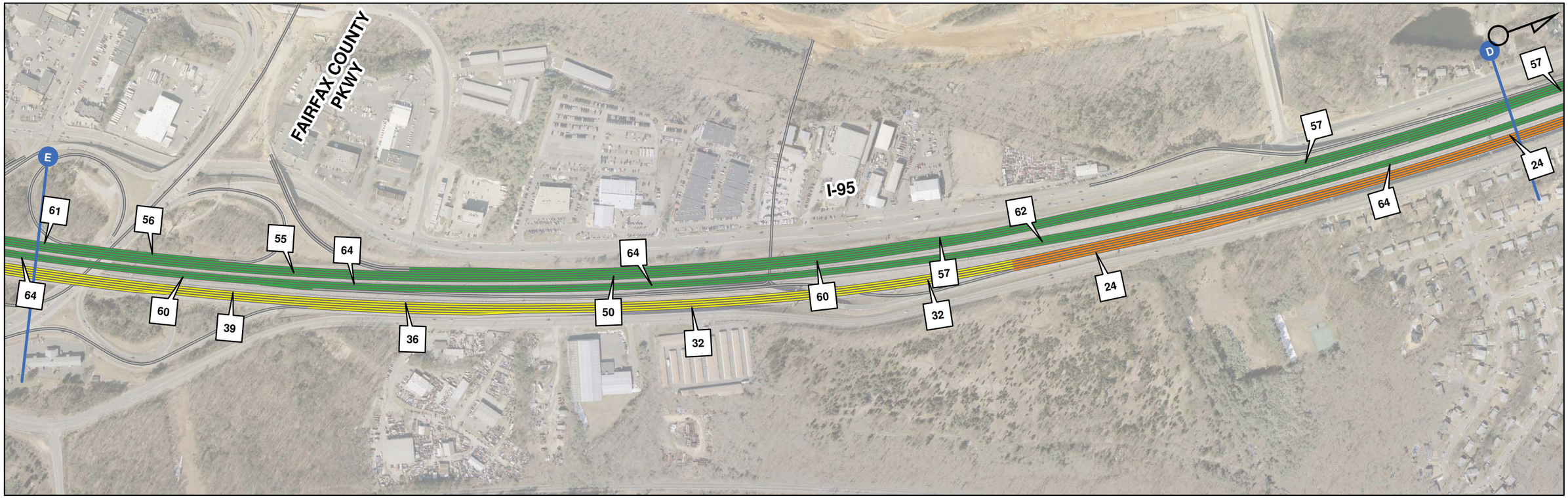
VDOT Virginia Department of Transportation

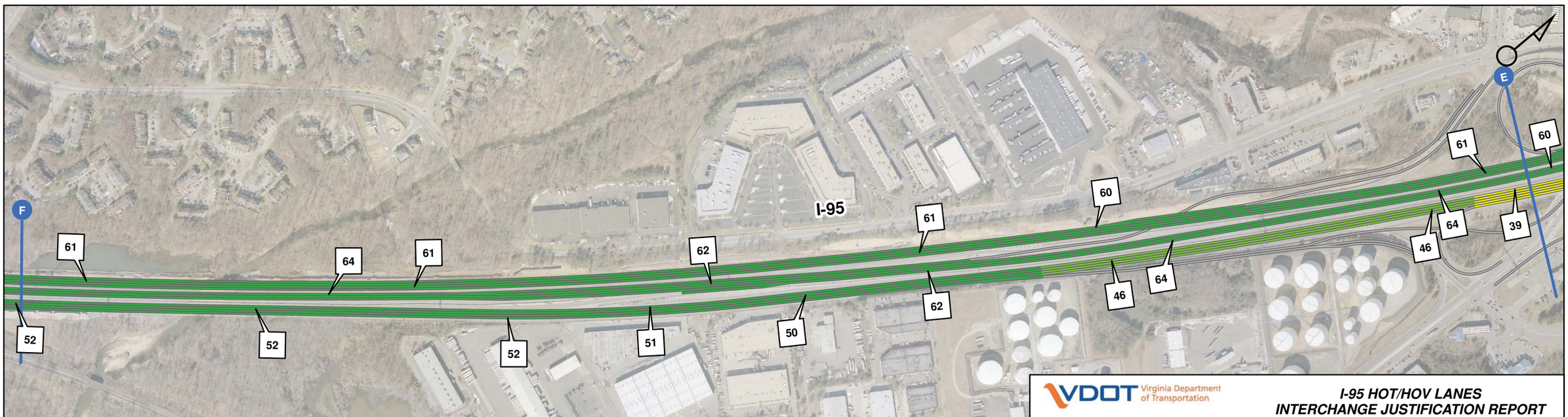
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD PM - AVERAGE SPEED
I-95/I-395/I-495 INTERCHANGE

Figure: 9-19 B | Scale: 1" = 500' | Date: November 21, 2011 | FINAL





0 250 500 1,000 Feet

Average Speed - miles per hour (MPH)

123 | 10 - 20 MPH | 20 - 30 MPH | 30 - 40 MPH | 40 - 50 MPH | > 50 MPH

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

2035 BUILD PM - AVERAGE SPEED
FRANCONIA-SPRINGFIELD PKWY TO
FAIRFAX COUNTY PKWY

Figure: 9-19 C **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***