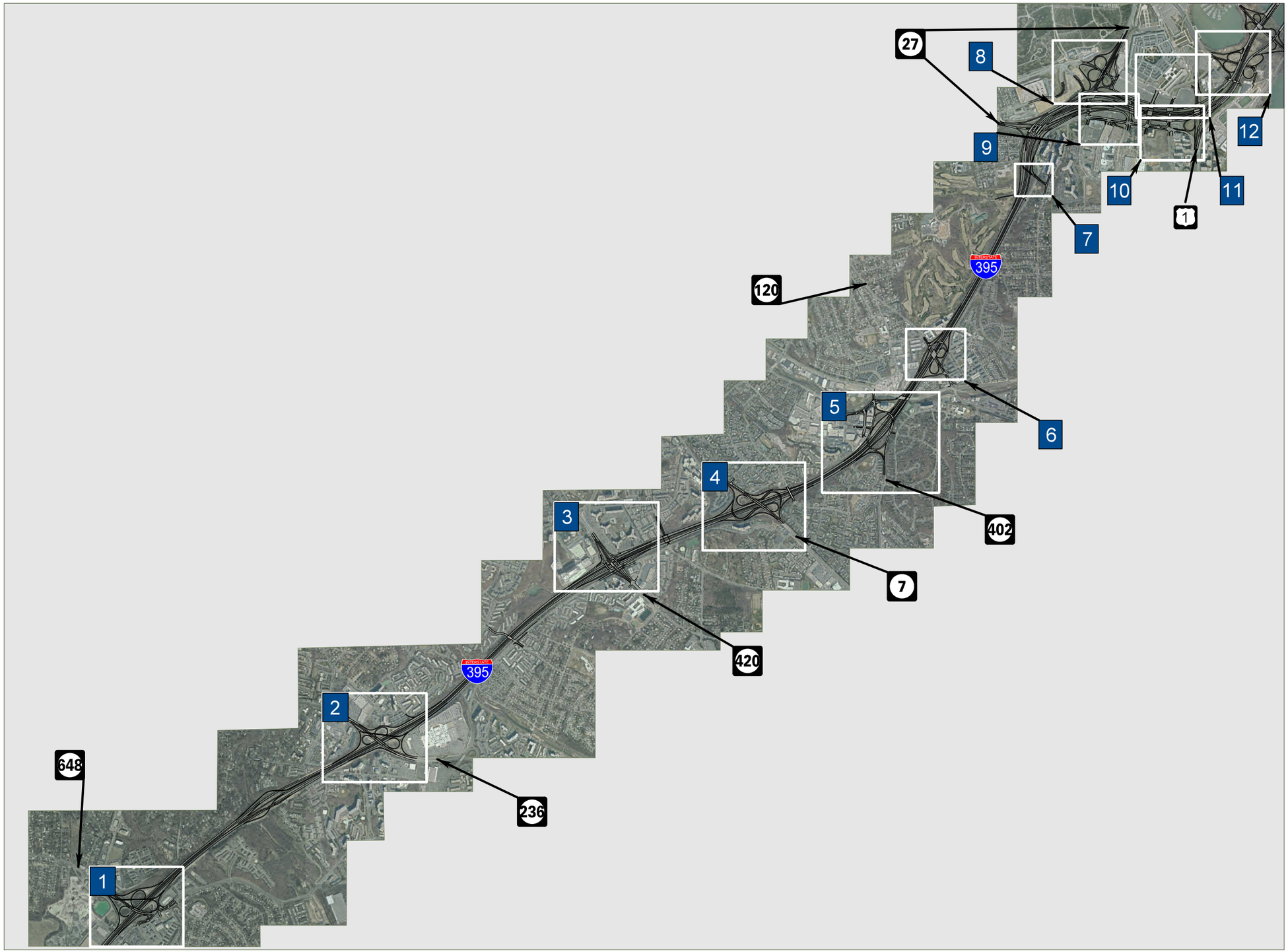
Appendix H: 2040 No Build Intersection Peak Hour Traffic Volumes



I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

XX INSET NUMBER

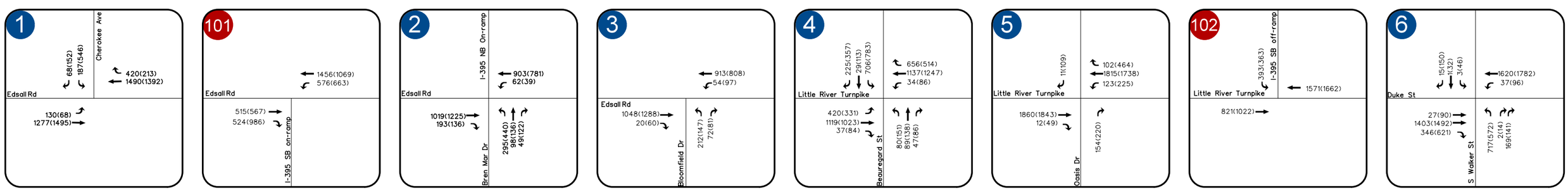
395 ExpressLanes

VDOT

DRPT

2040 No Build AM (PM) Peak Hour Volumes

KEY MAP



I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX — INSET NUMBER
- ← xx(xx) — AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX — EXISTING INTERSECTION NUMBER
- XX — FUTURE INTERSECTION NUMBER

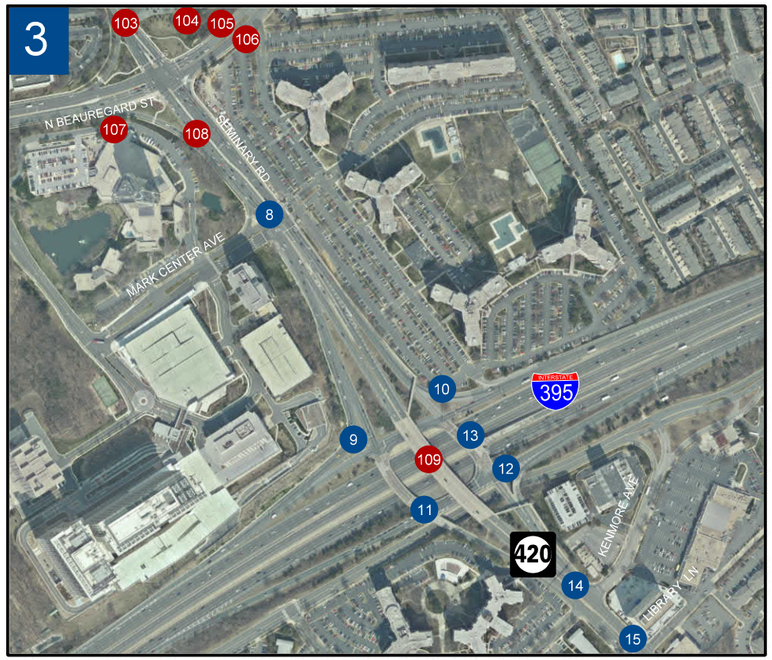
395 ExpressLanes

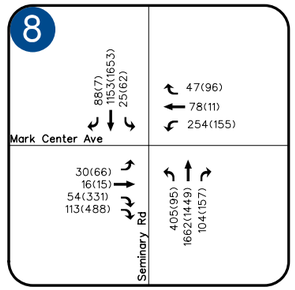
VDOT

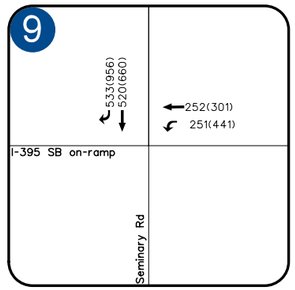
DRPT

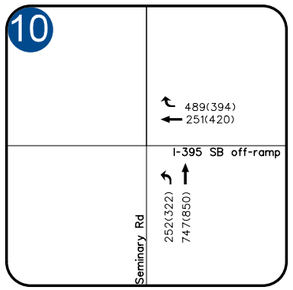
2040 No Build AM (PM) Peak Hour Volumes

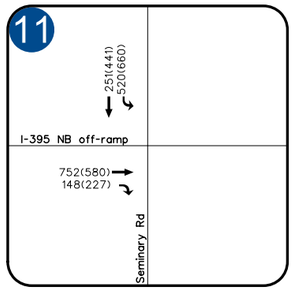
Sheet 1 of 6

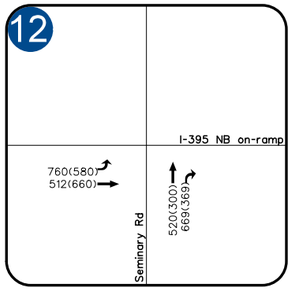


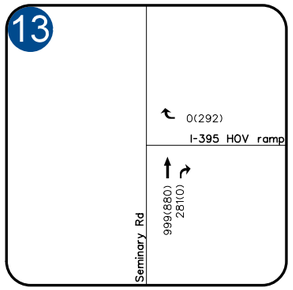


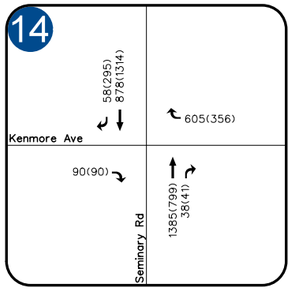


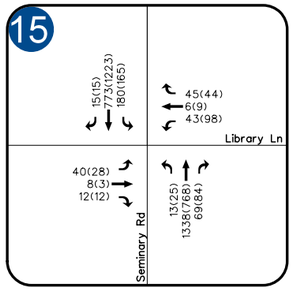


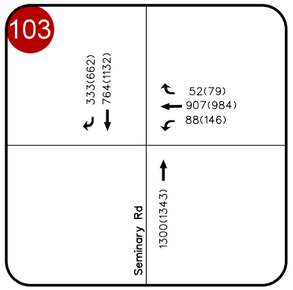


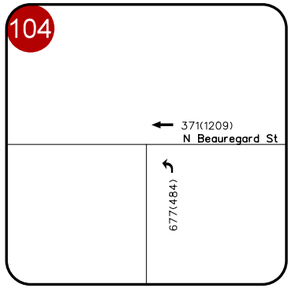


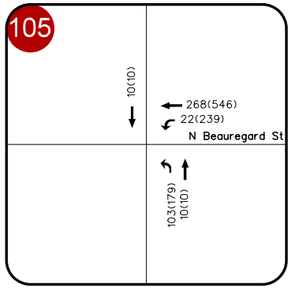


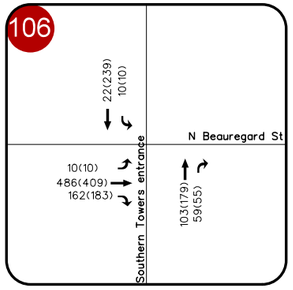


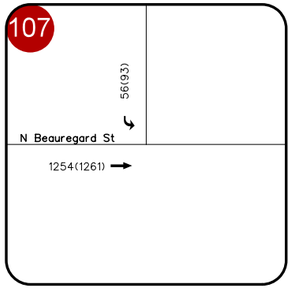


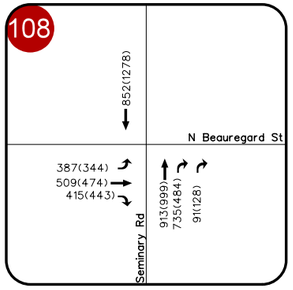


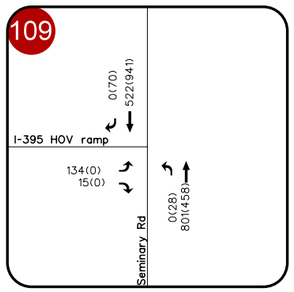


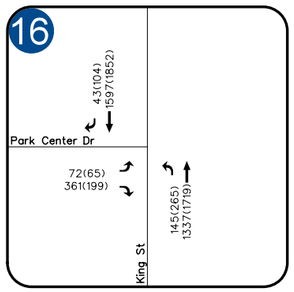


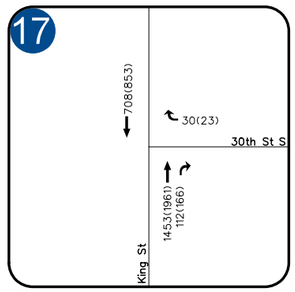


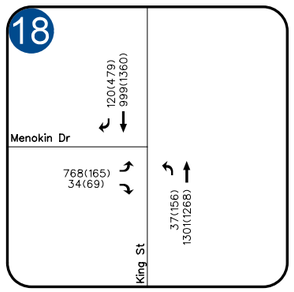












I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX — INSET NUMBER
- ← xx(xx) — AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX — EXISTING INTERSECTION NUMBER
- XX — FUTURE INTERSECTION NUMBER

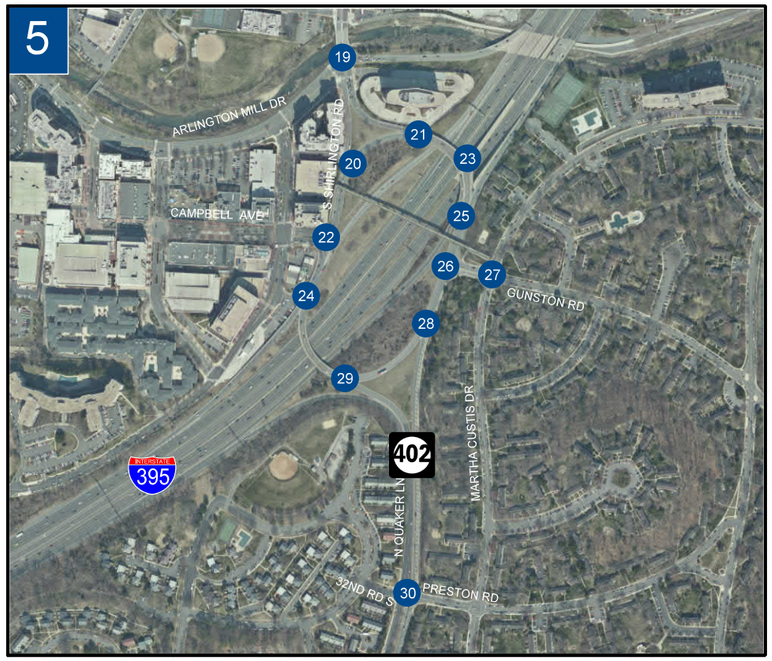
395 ExpressLanes

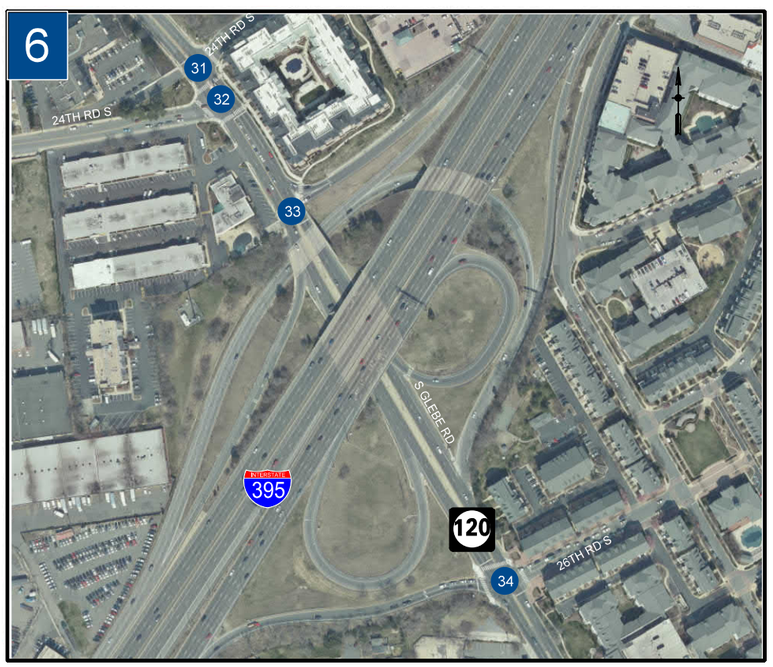
VDOT

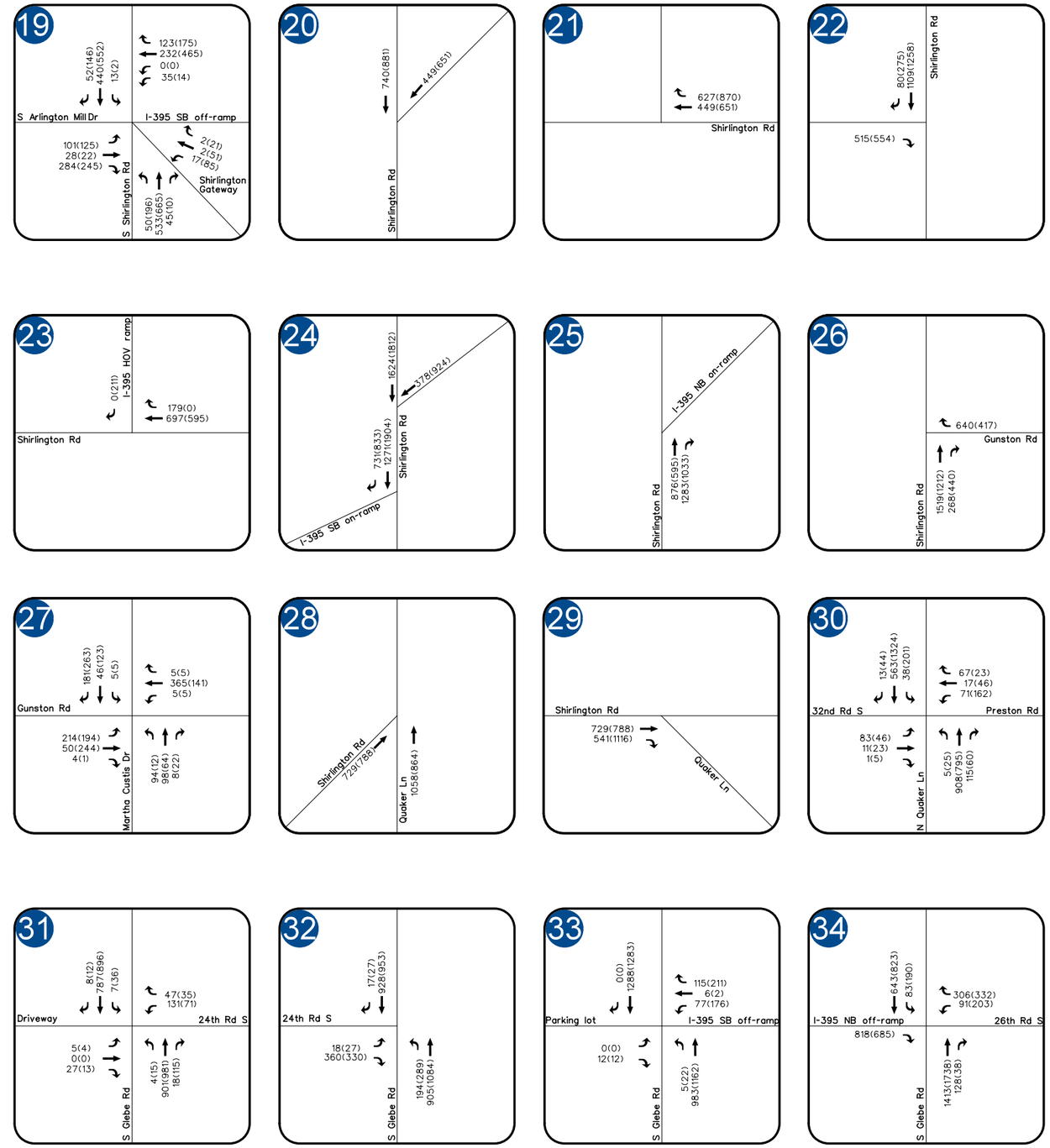
DRPT

2040 No Build AM (PM) Peak Hour Volumes

Sheet 2 of 6







I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX — INSET NUMBER
- ← xx(xx) — AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX — EXISTING INTERSECTION NUMBER
- XX — FUTURE INTERSECTION NUMBER

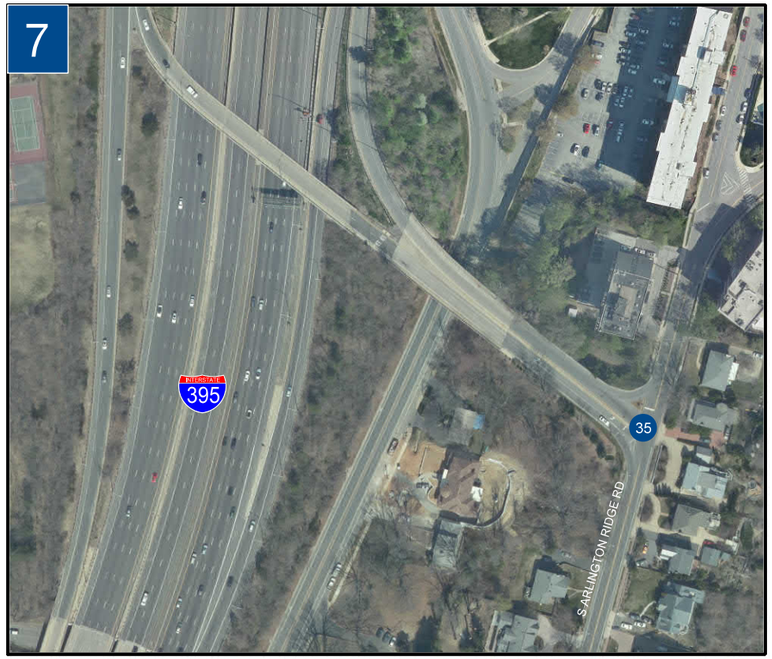
395 ExpressLanes

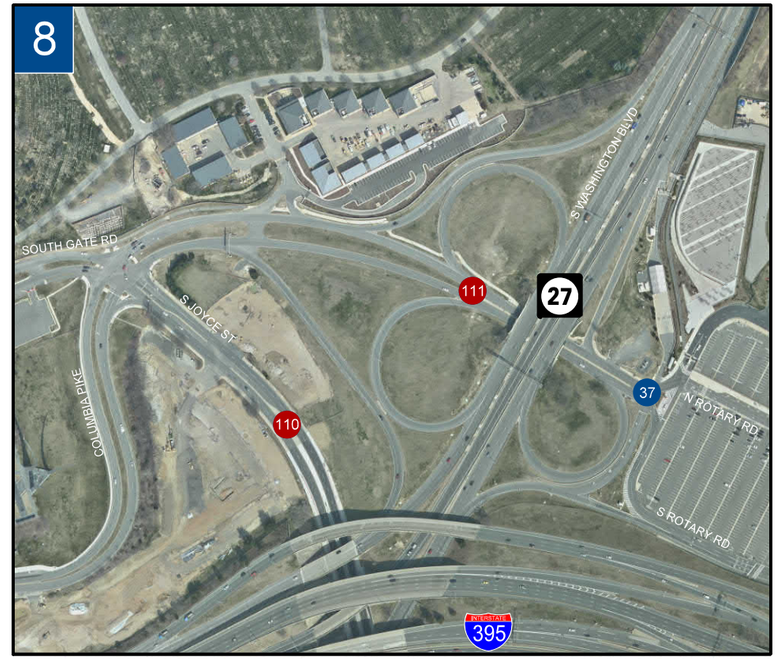
VDOT

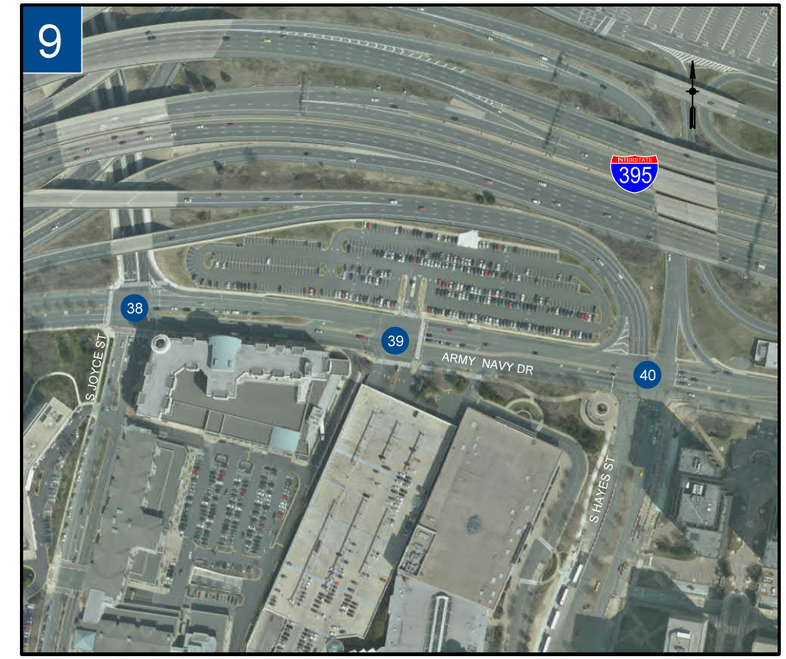
DRPT

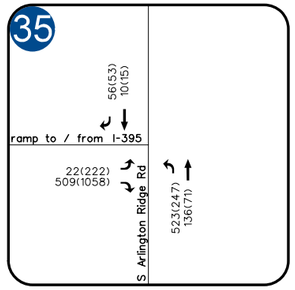
2040 No Build AM (PM) Peak Hour Volumes

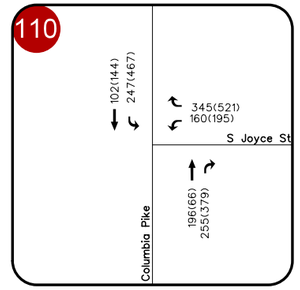
Sheet 3 of 6

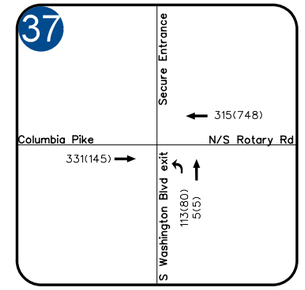


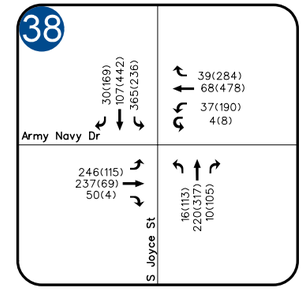


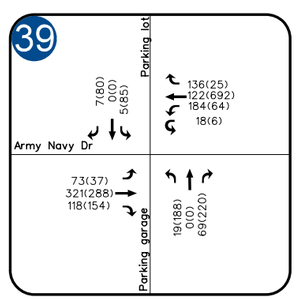


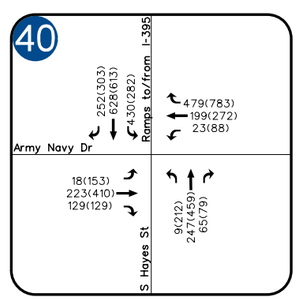


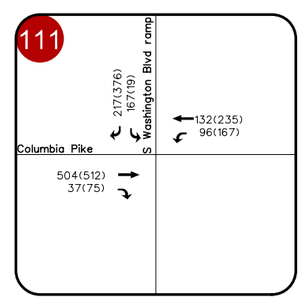












I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

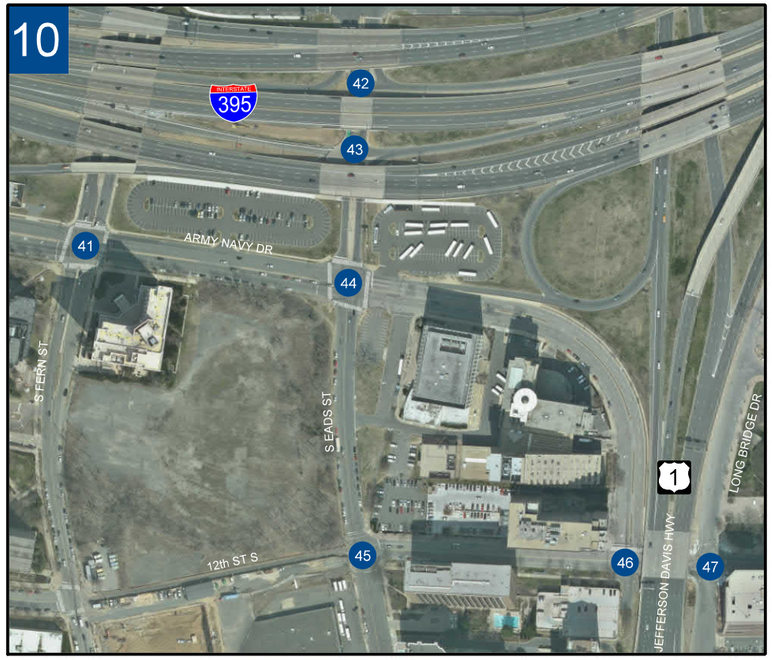
- XX INSET NUMBER
- ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

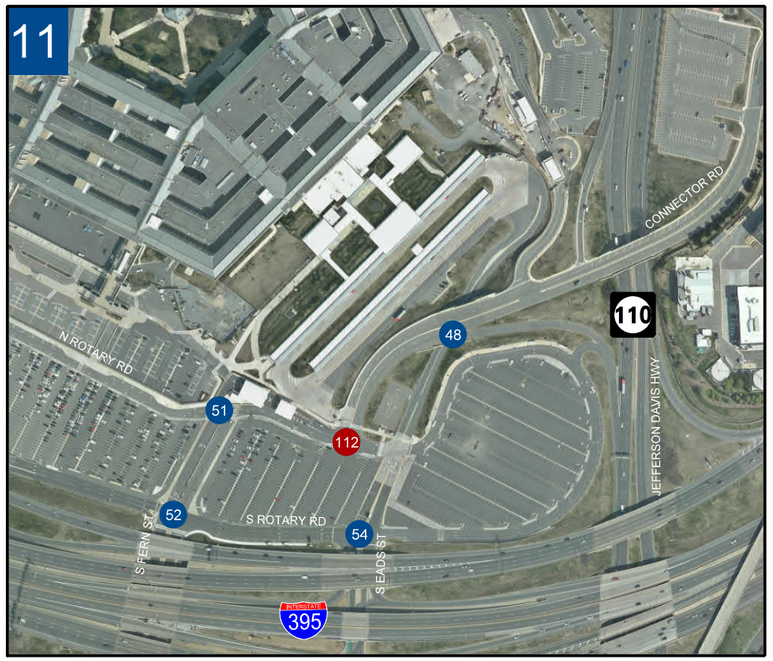
395 ExpressLanes

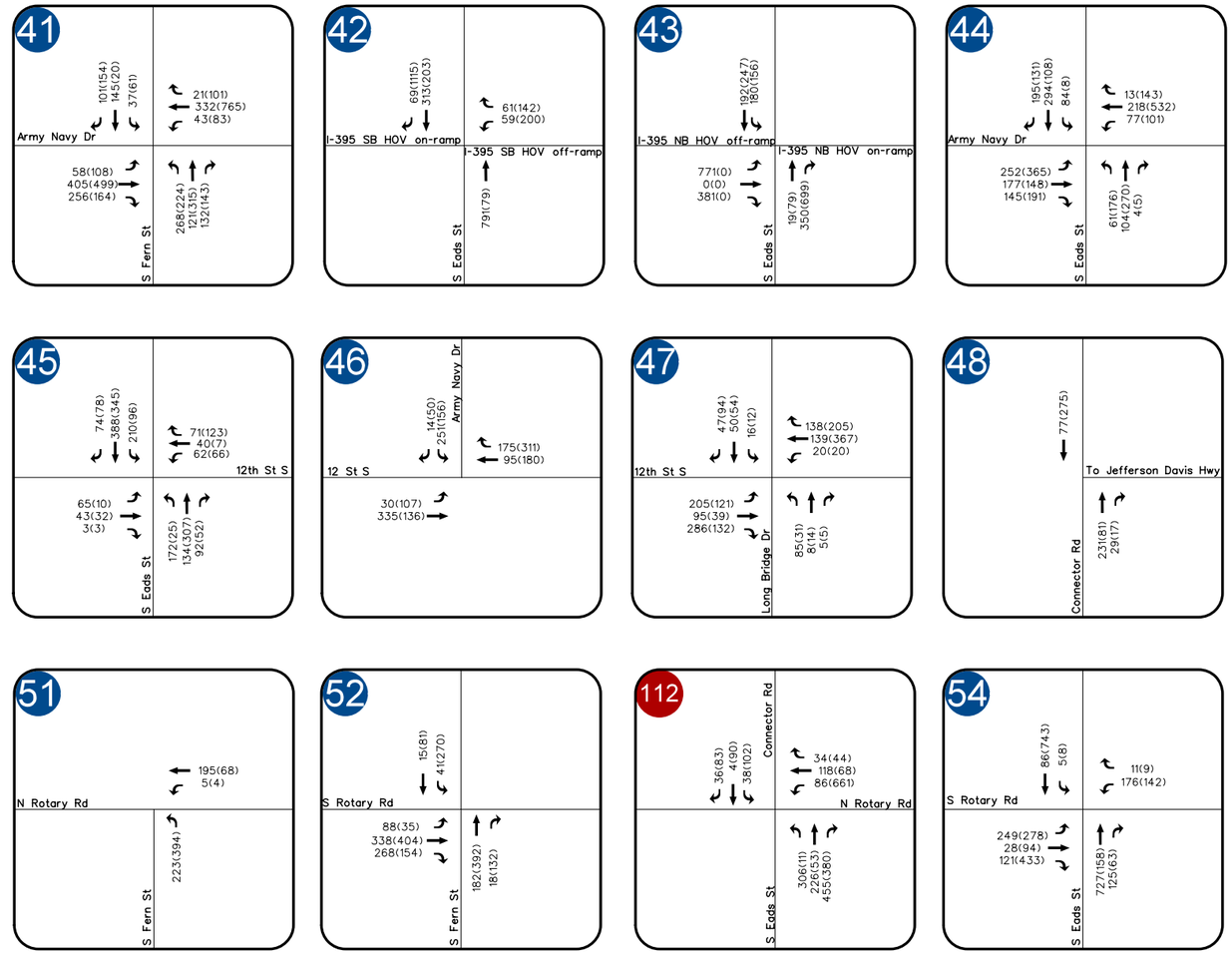
VDOT

DRPT

2040 No Build AM (PM) Peak Hour Volumes







I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

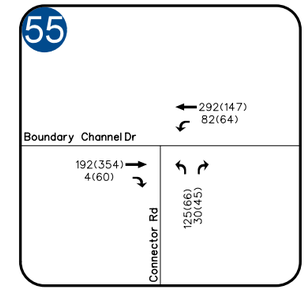
- XX INSET NUMBER — ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

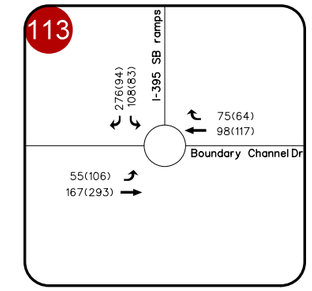
395 ExpressLanes

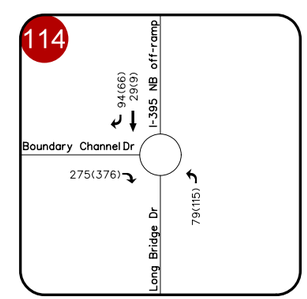
VDOT

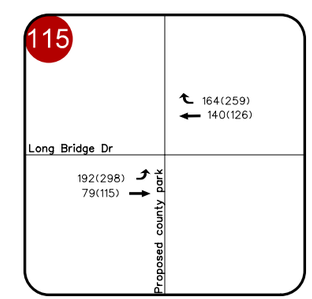
DRPT

2040 No Build AM (PM) Peak Hour Volumes









I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX INSET NUMBER — ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

395 ExpressLanes

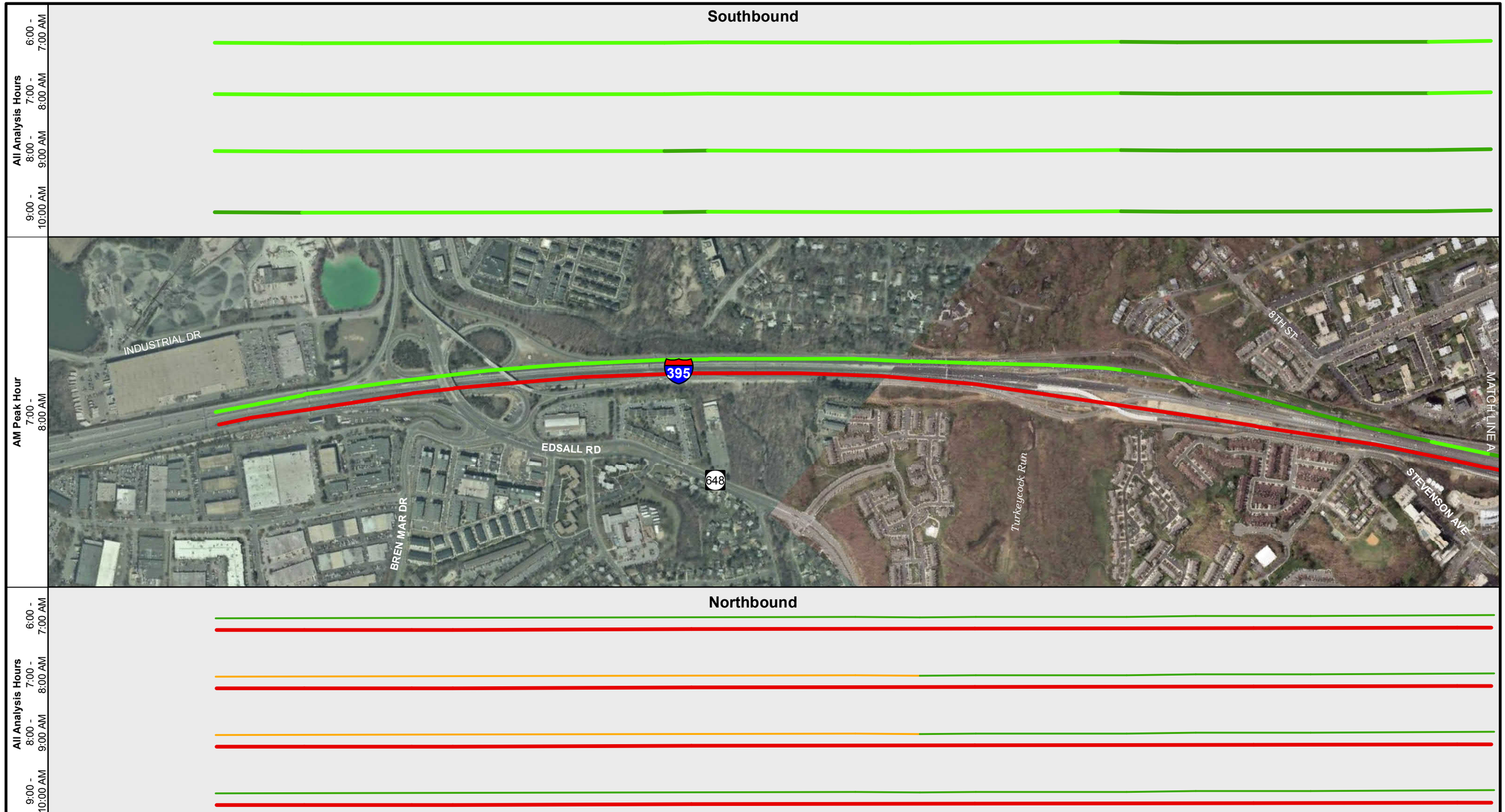
VDOT

DRPT

2040 No Build AM (PM) Peak Hour Volumes

Sheet 6 of 6

Appendix I: 2040 No Build Conditions Speed and Density Maps



No Build Conditions: Speeds

AM Peak Period

Page 1 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

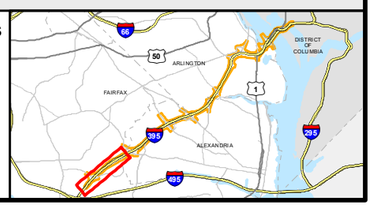
0 500 1,000 1,500 2,000 Feet

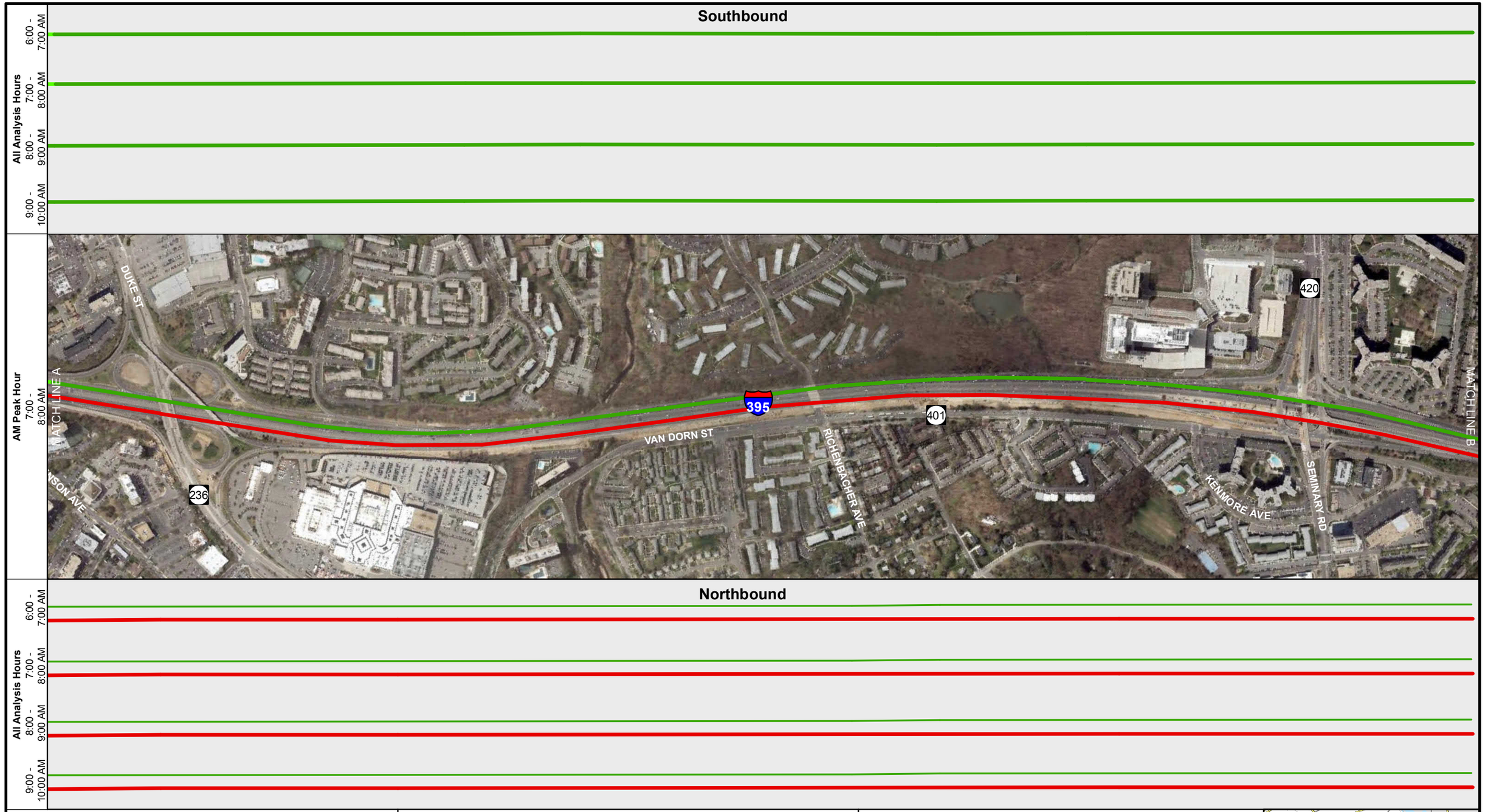
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





No Build Conditions: Speeds

AM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

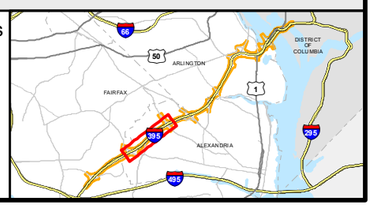
0 500 1,000 1,500 2,000 Feet

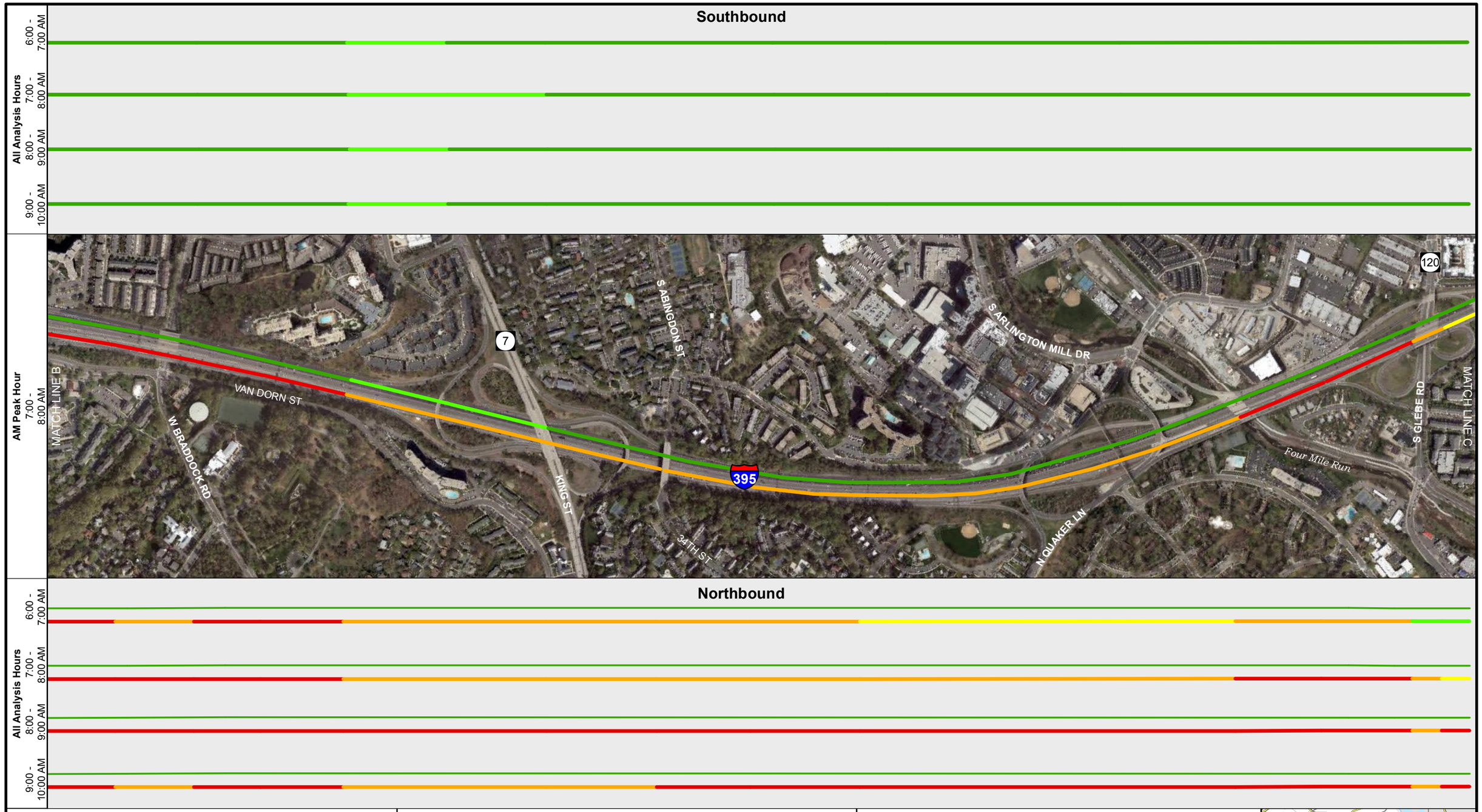
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





No Build Conditions: Speeds

AM Peak Period

Page 3 of 5

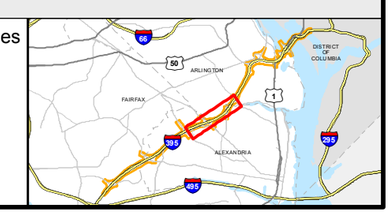
Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

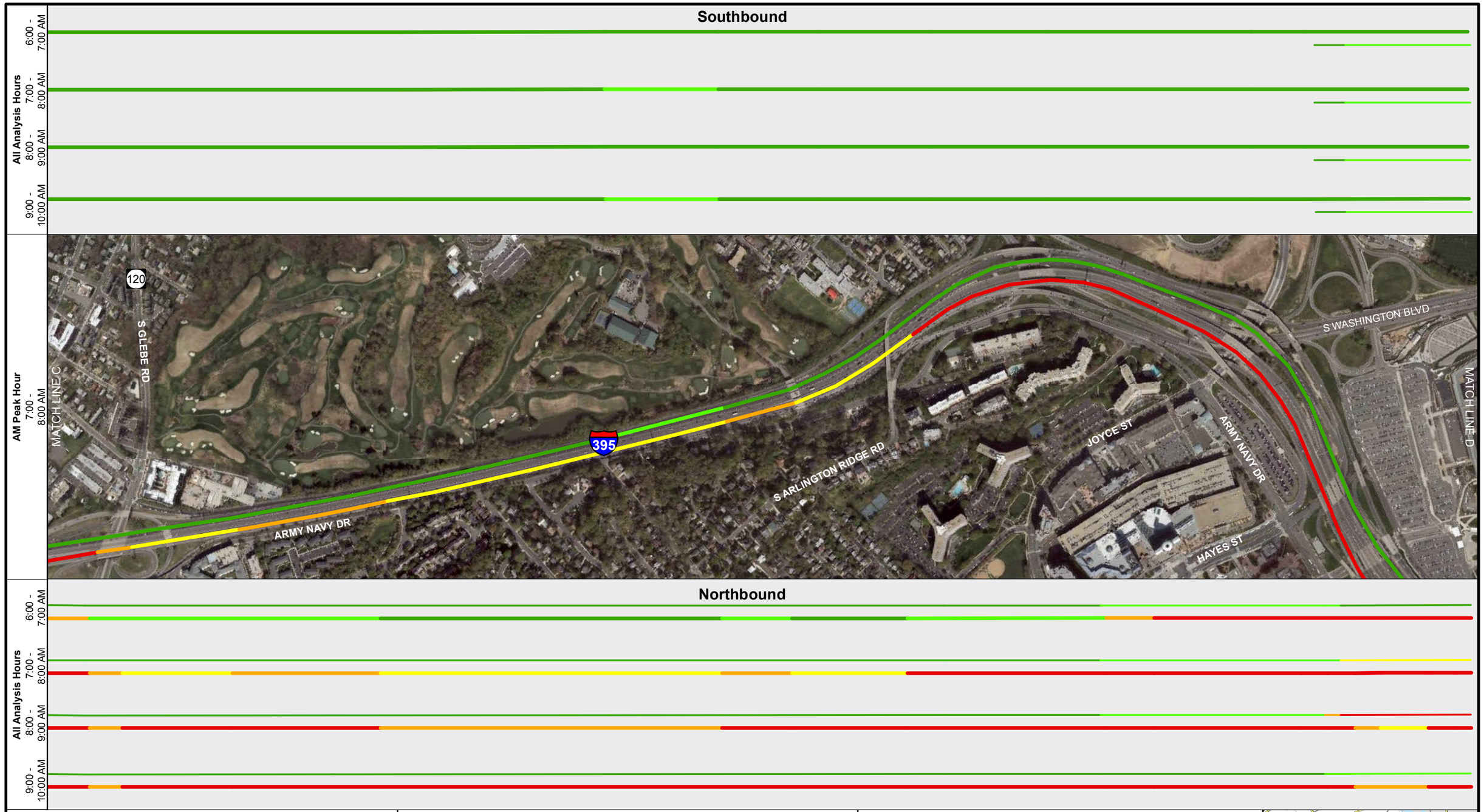
0 500 1,000 1,500 2,000 Feet

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





No Build Conditions: Speeds

AM Peak Period

Page 4 of 5

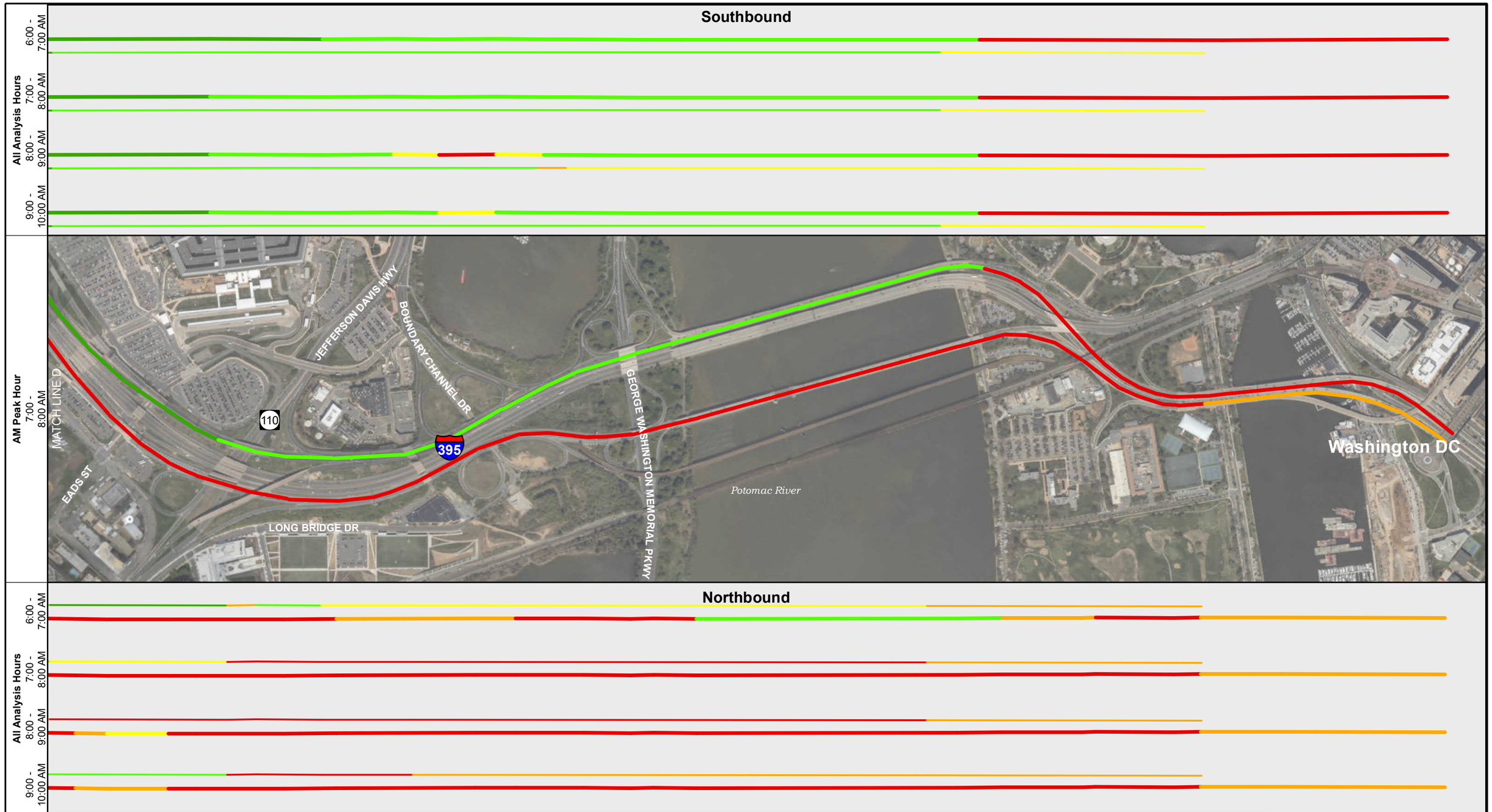
Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

0 500 1,000 1,500 2,000 Feet

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Speeds

AM Peak Period

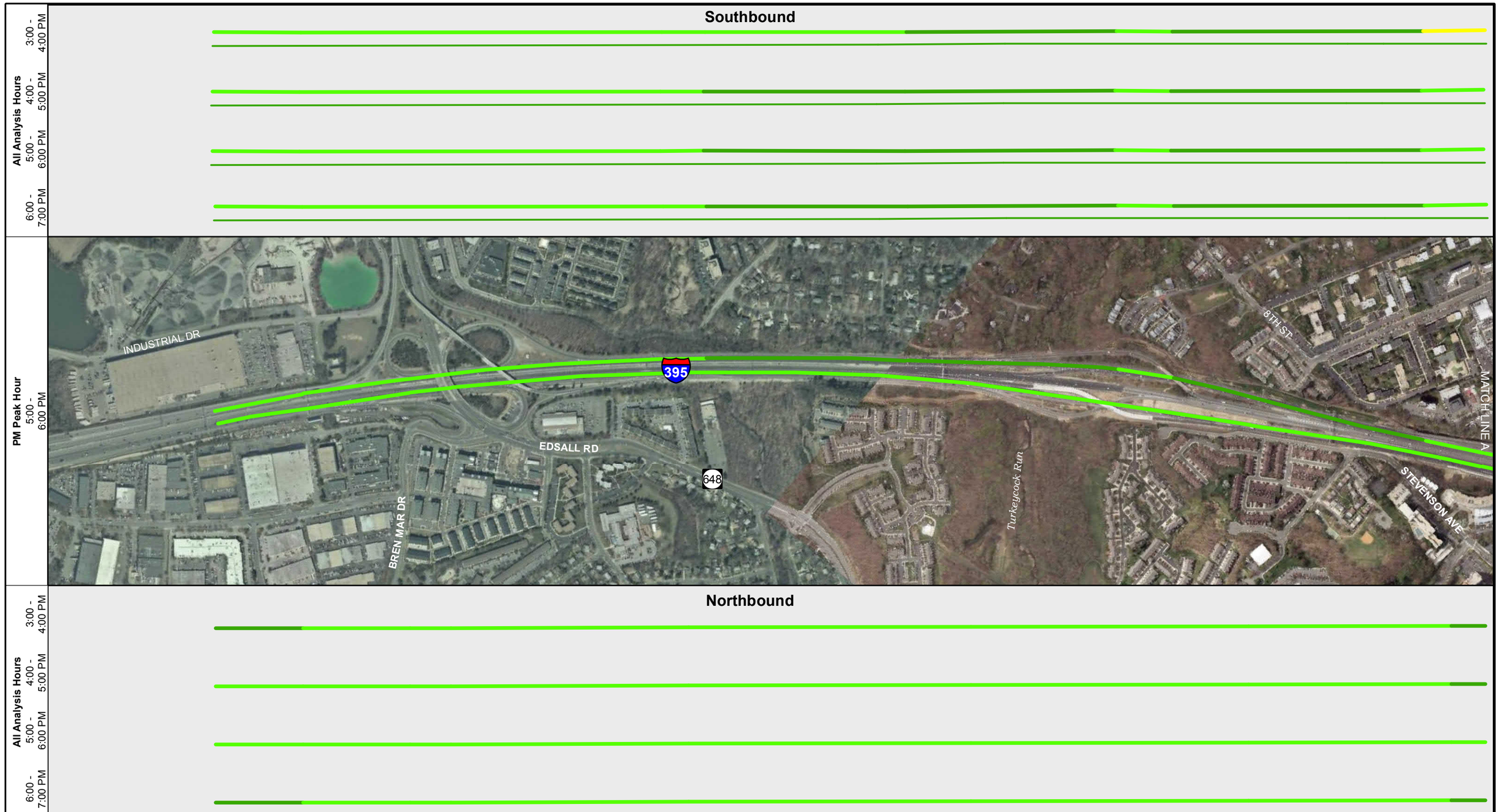
Page 5 of 5

Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

0 500 1,000 1,500 2,000 Feet

Average Speed (mph)
- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Speeds

PM Peak Period

Page 1 of 5

Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

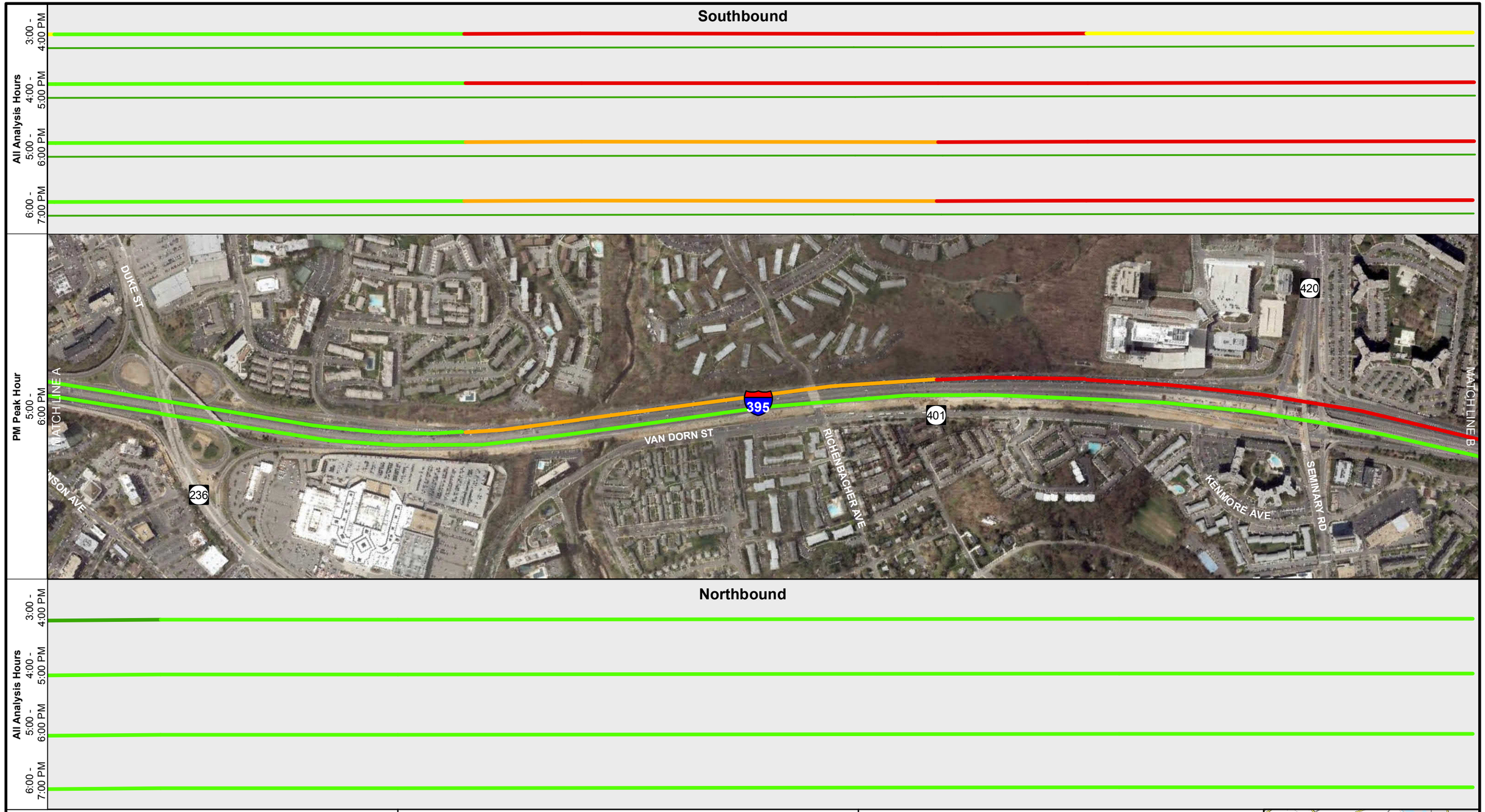
ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Speeds

PM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

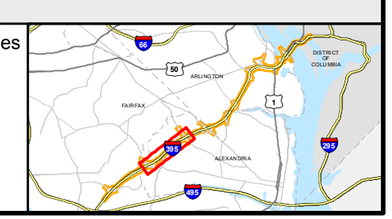
0 500 1,000 1,500 2,000 Feet

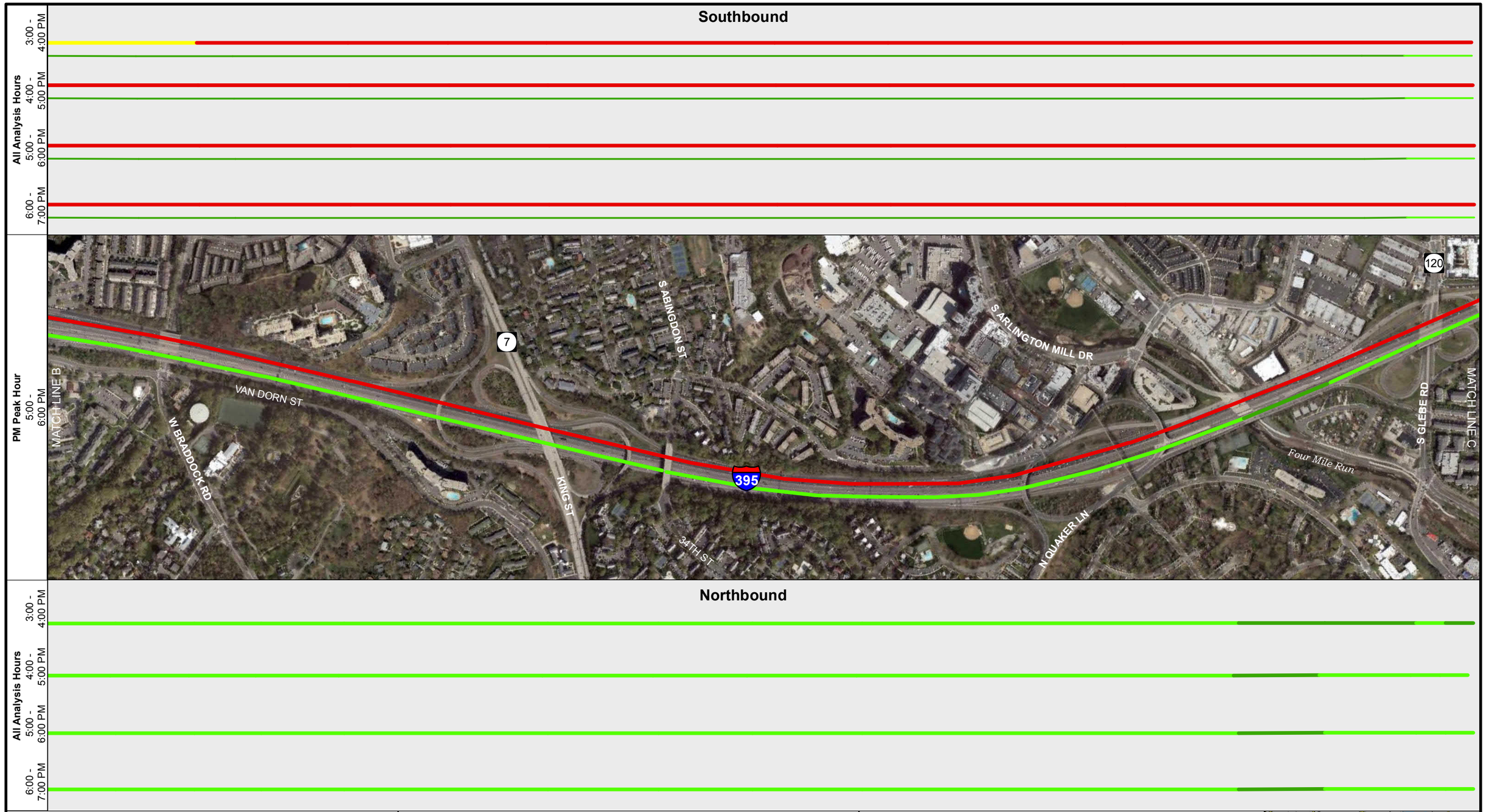
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

General Purpose Lanes
HOV/HOT Lanes





No Build Conditions: Speeds

PM Peak Period

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

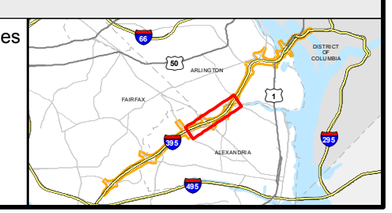
0 500 1,000 1,500 2,000 Feet

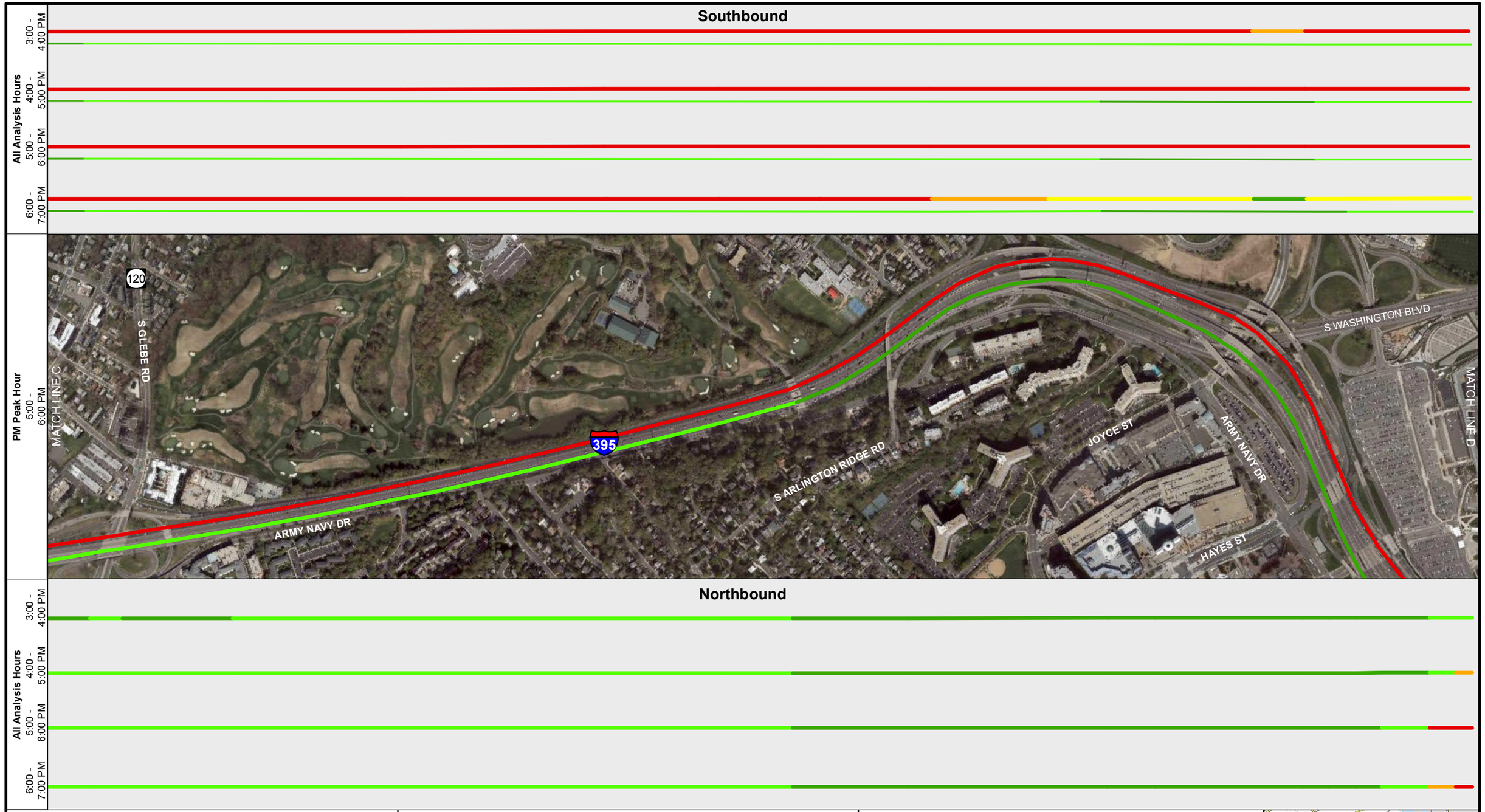
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





No Build Conditions: Speeds

PM Peak Period

Page 4 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

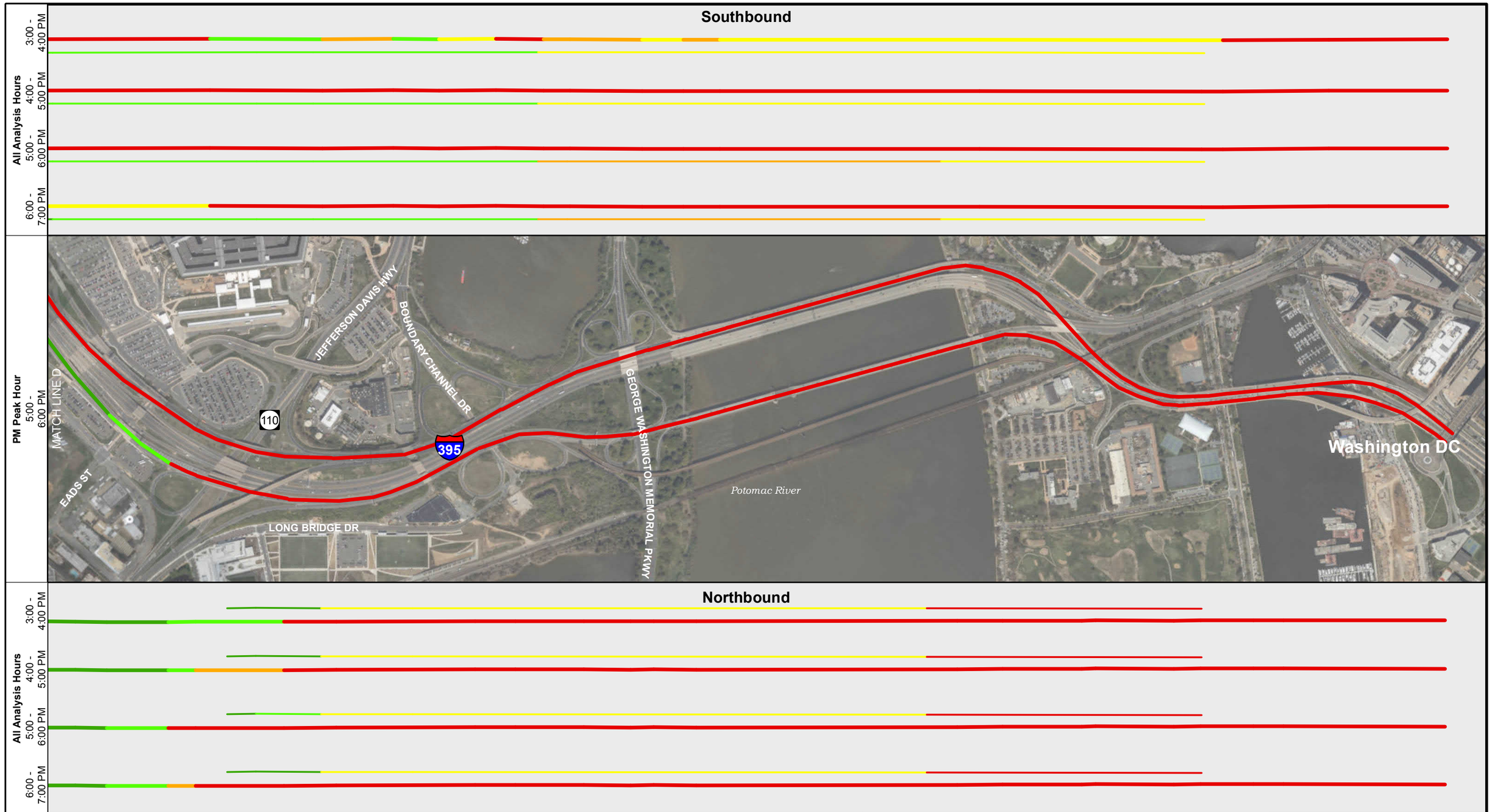
0 500 1,000 1,500 2,000 Feet

N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Speeds

PM Peak Period

Page 5 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

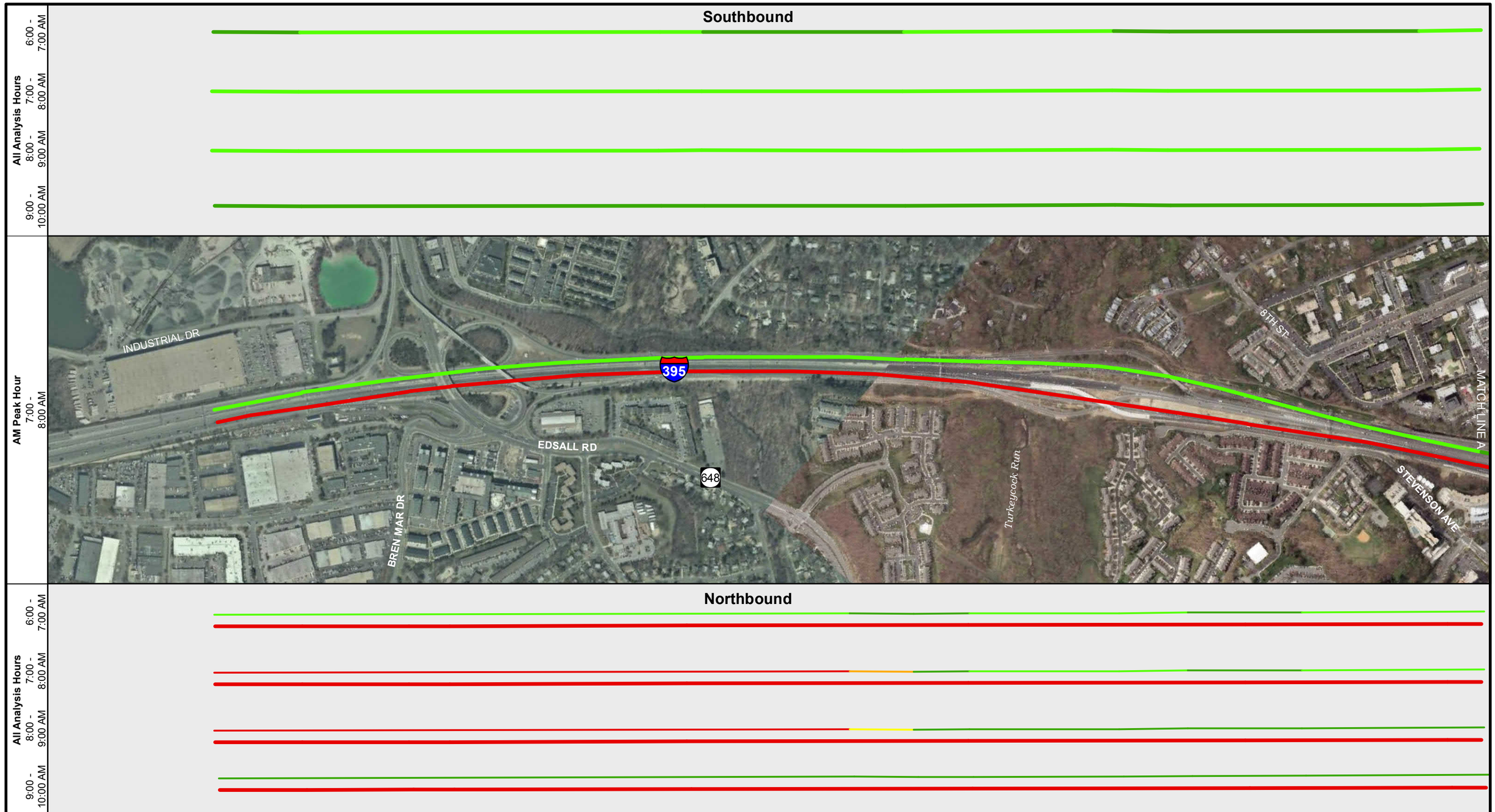
0 500 1,000 1,500 2,000 Feet

N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Density

AM Peak Period

Page 1 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

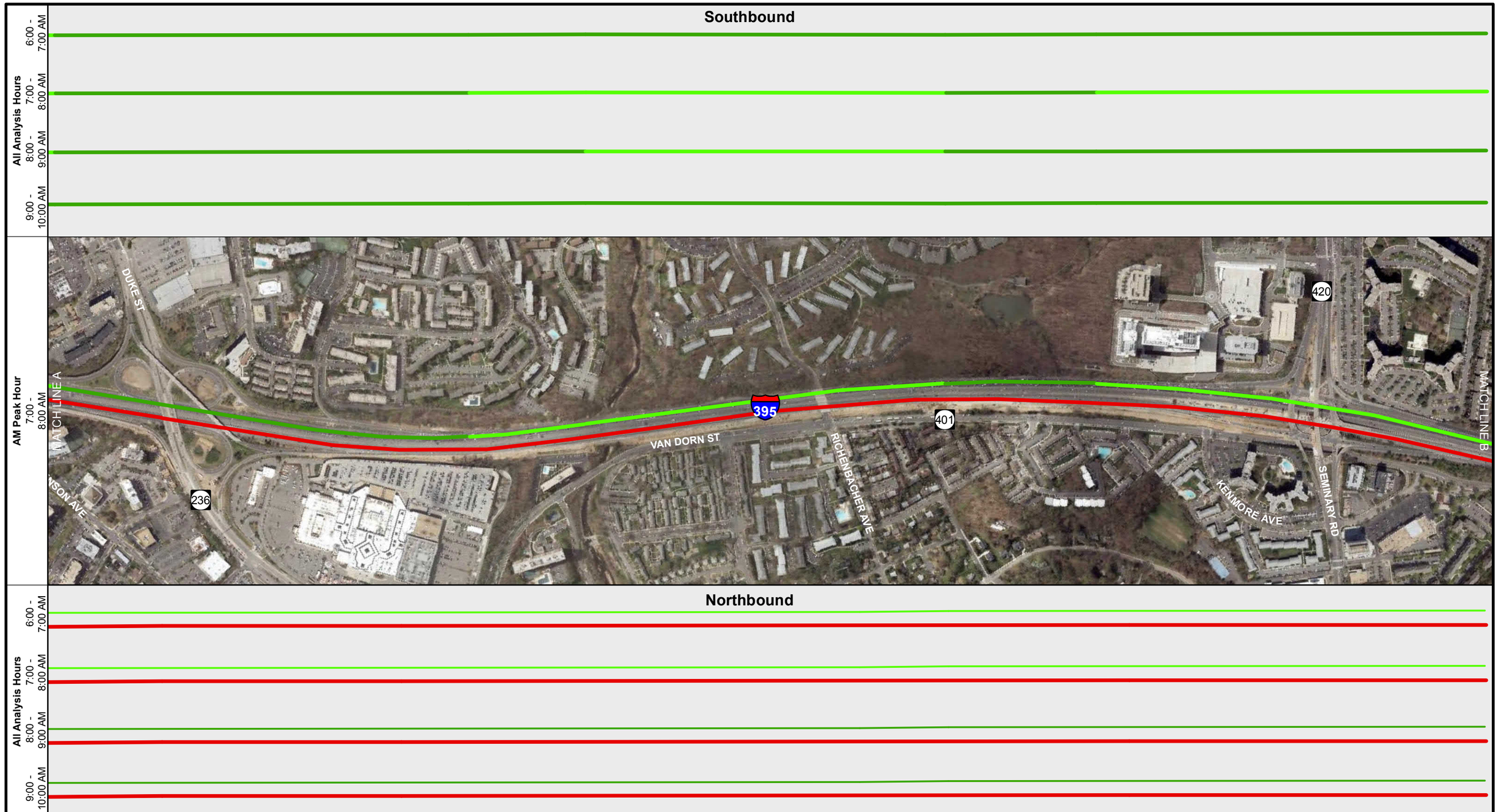
0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes



No Build Conditions: Density

AM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

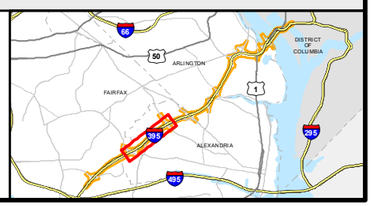
395 ExpressLanes

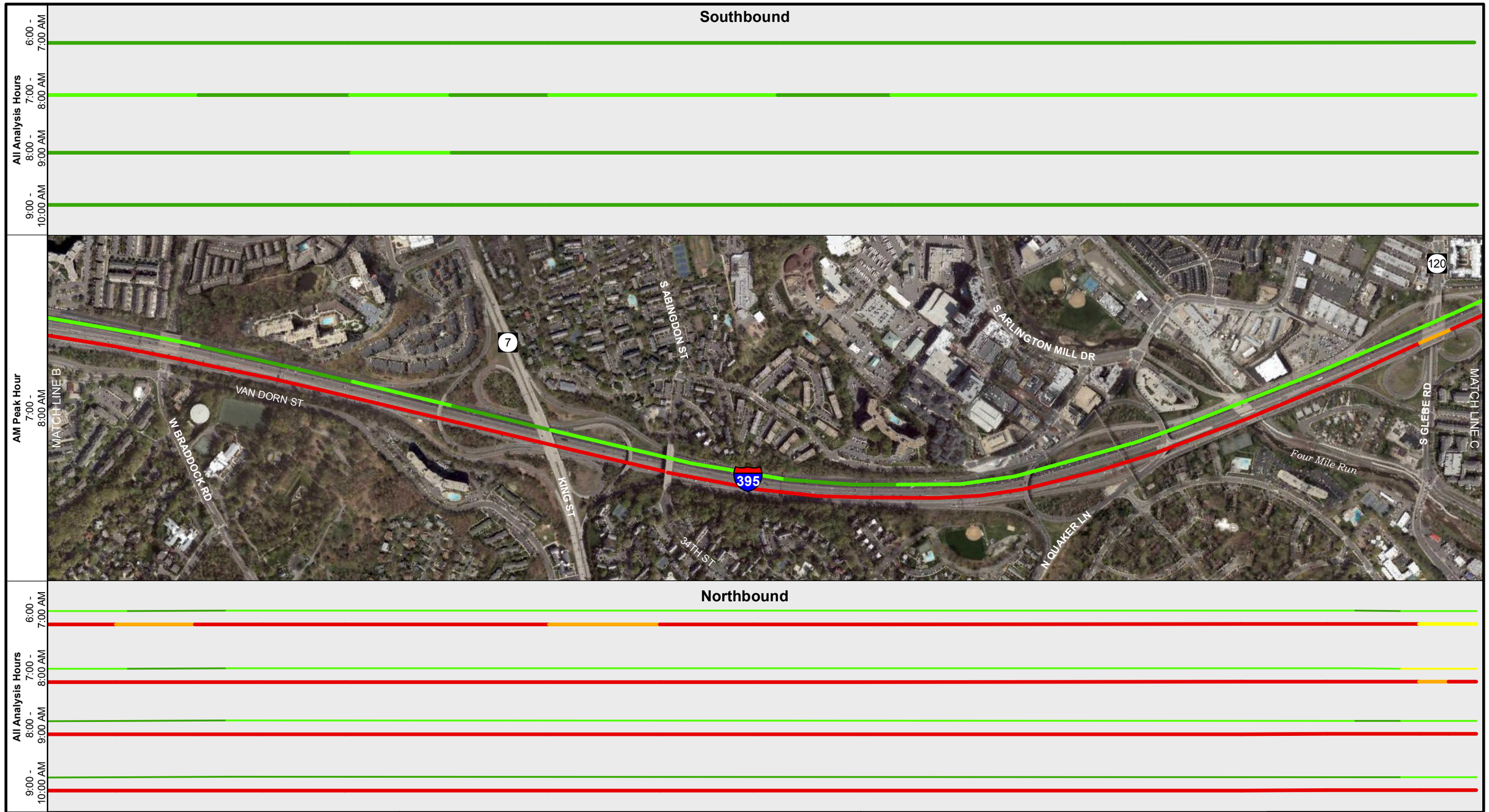
0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes





No Build Conditions: Density

AM Peak Period

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

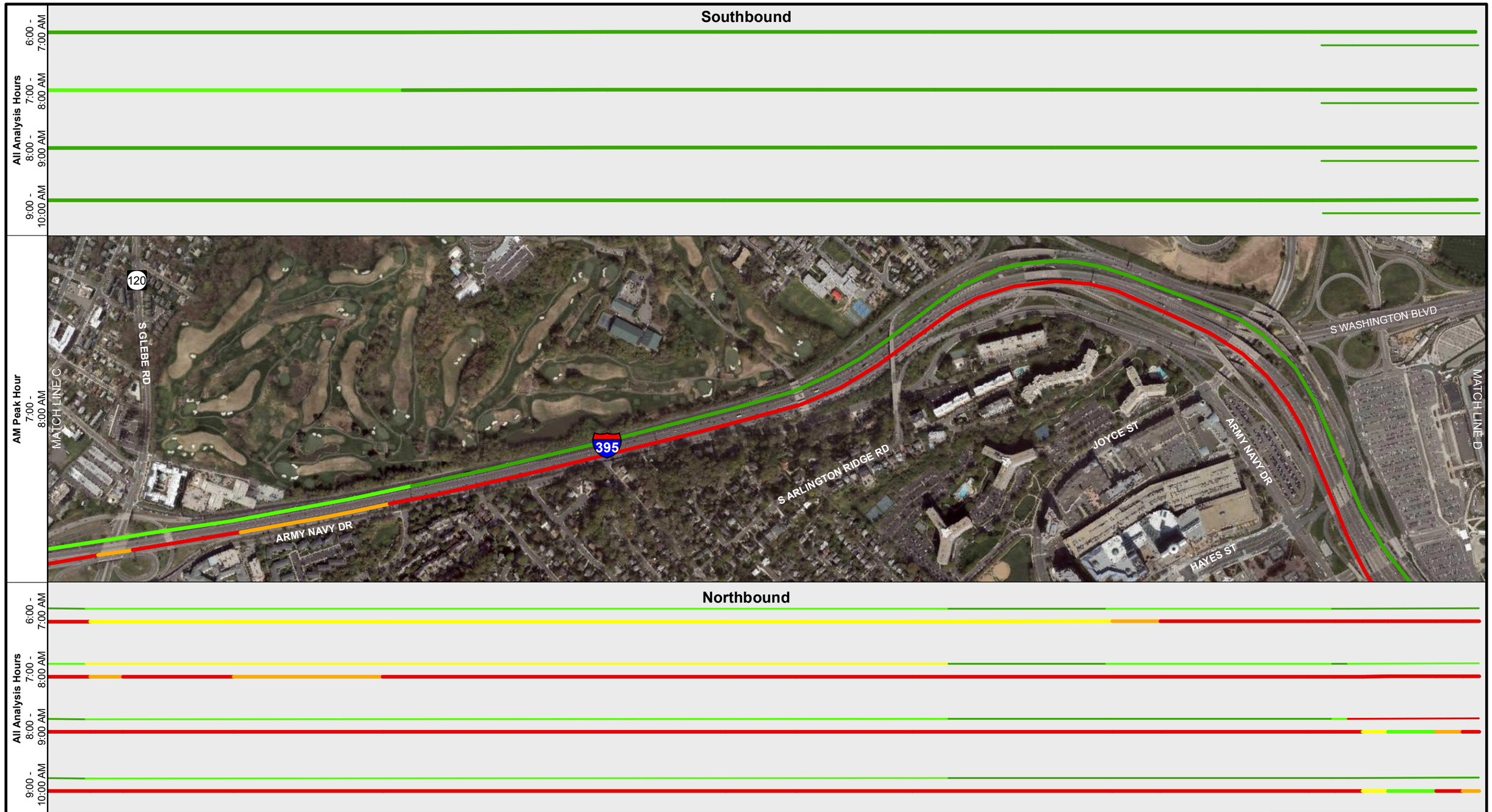
0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Density

AM Peak Period

Page 4 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

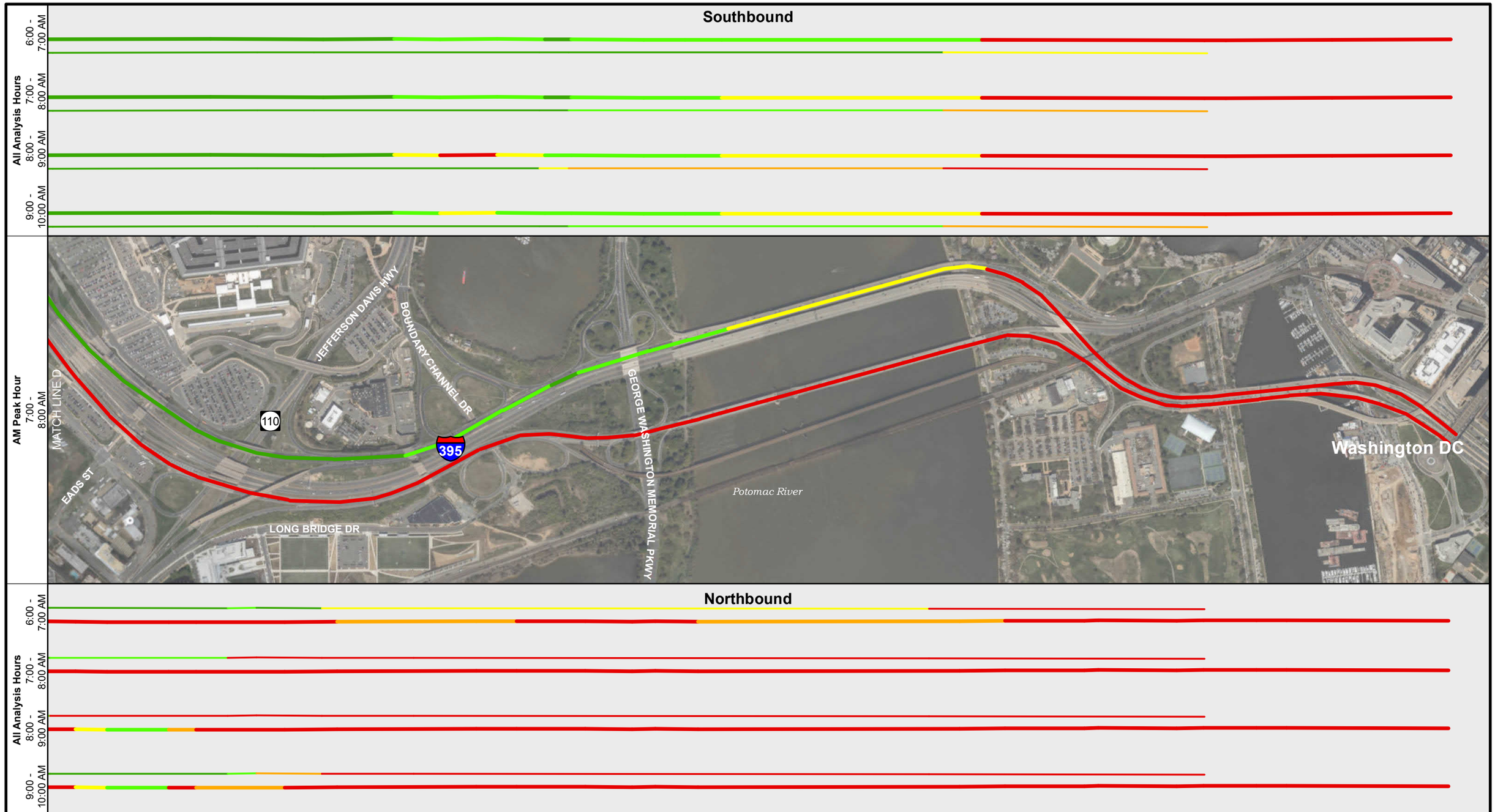
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Density

AM Peak Period

Page 5 of 5

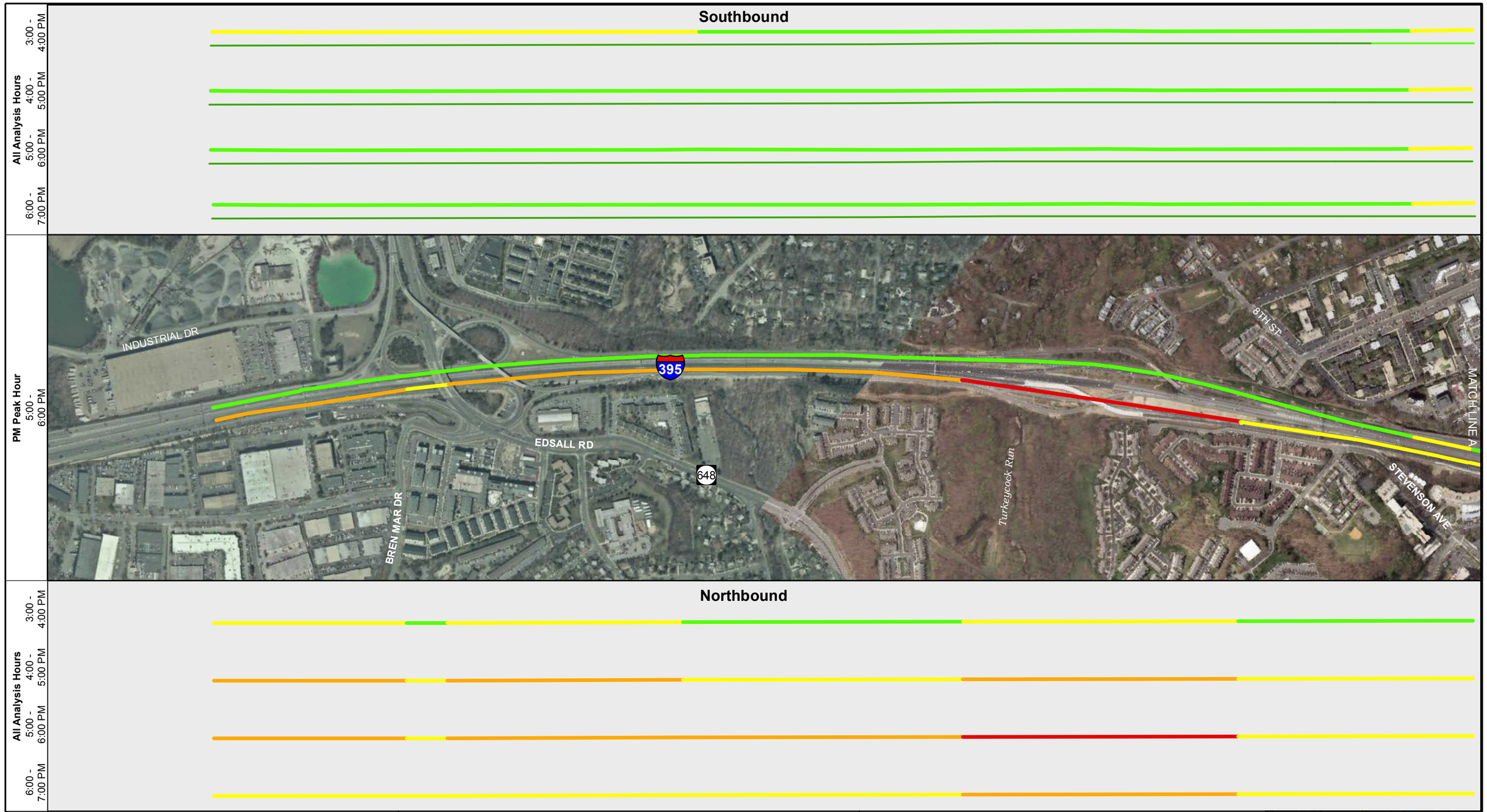
VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Density

PM Peak Period

Page 1 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

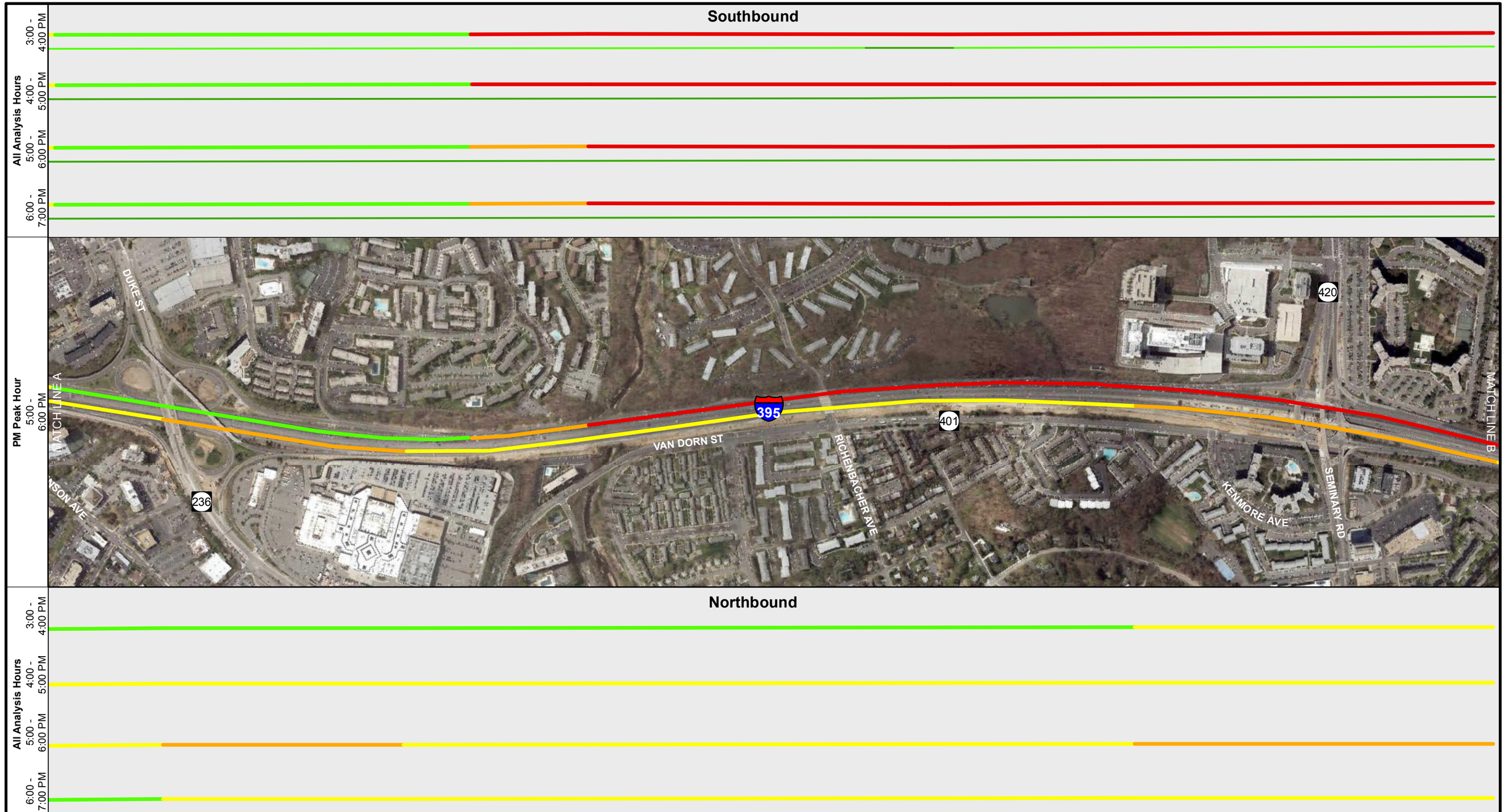
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes



No Build Conditions: Density

PM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

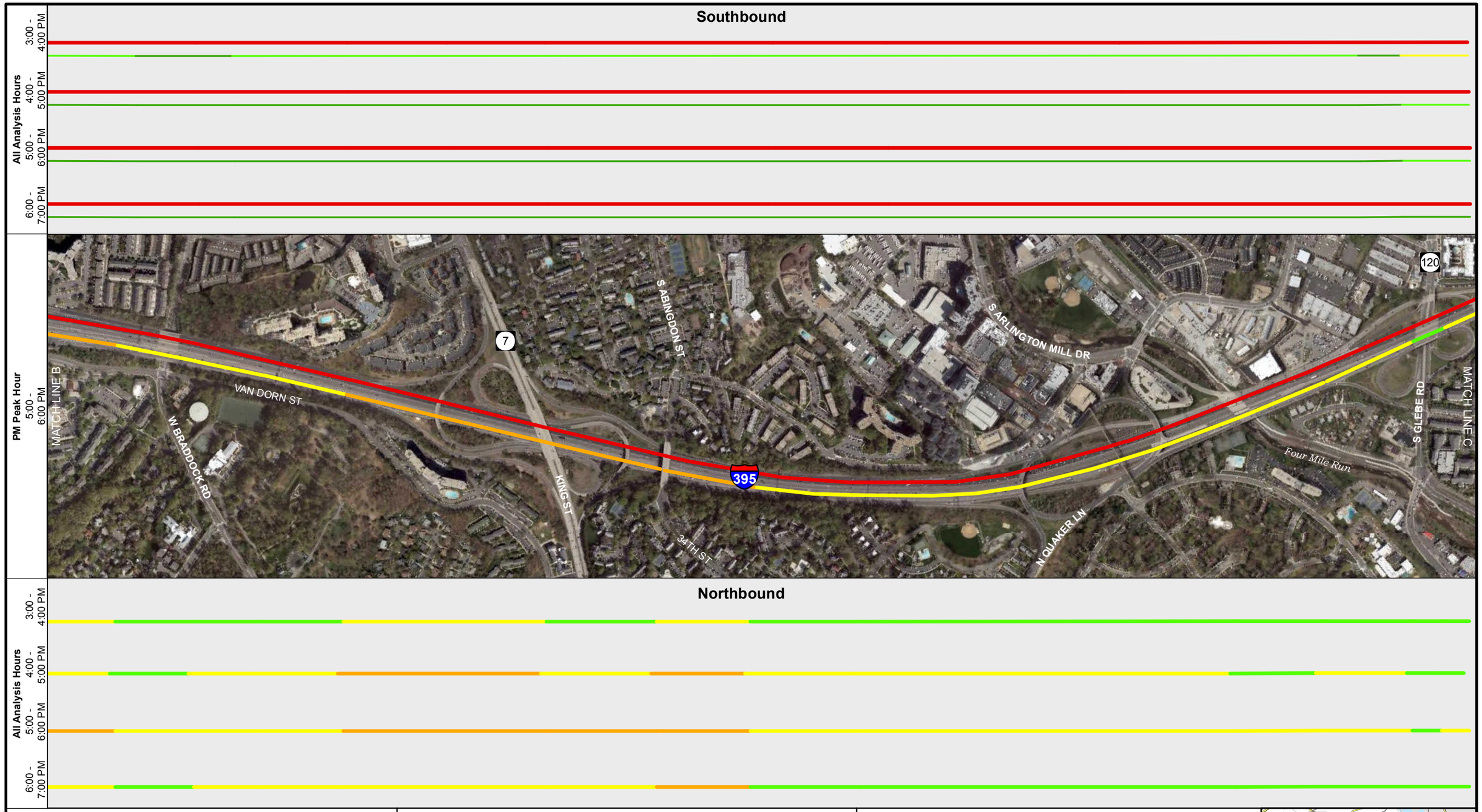
0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes



No Build Conditions: Density

PM Peak Period

Page 3 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

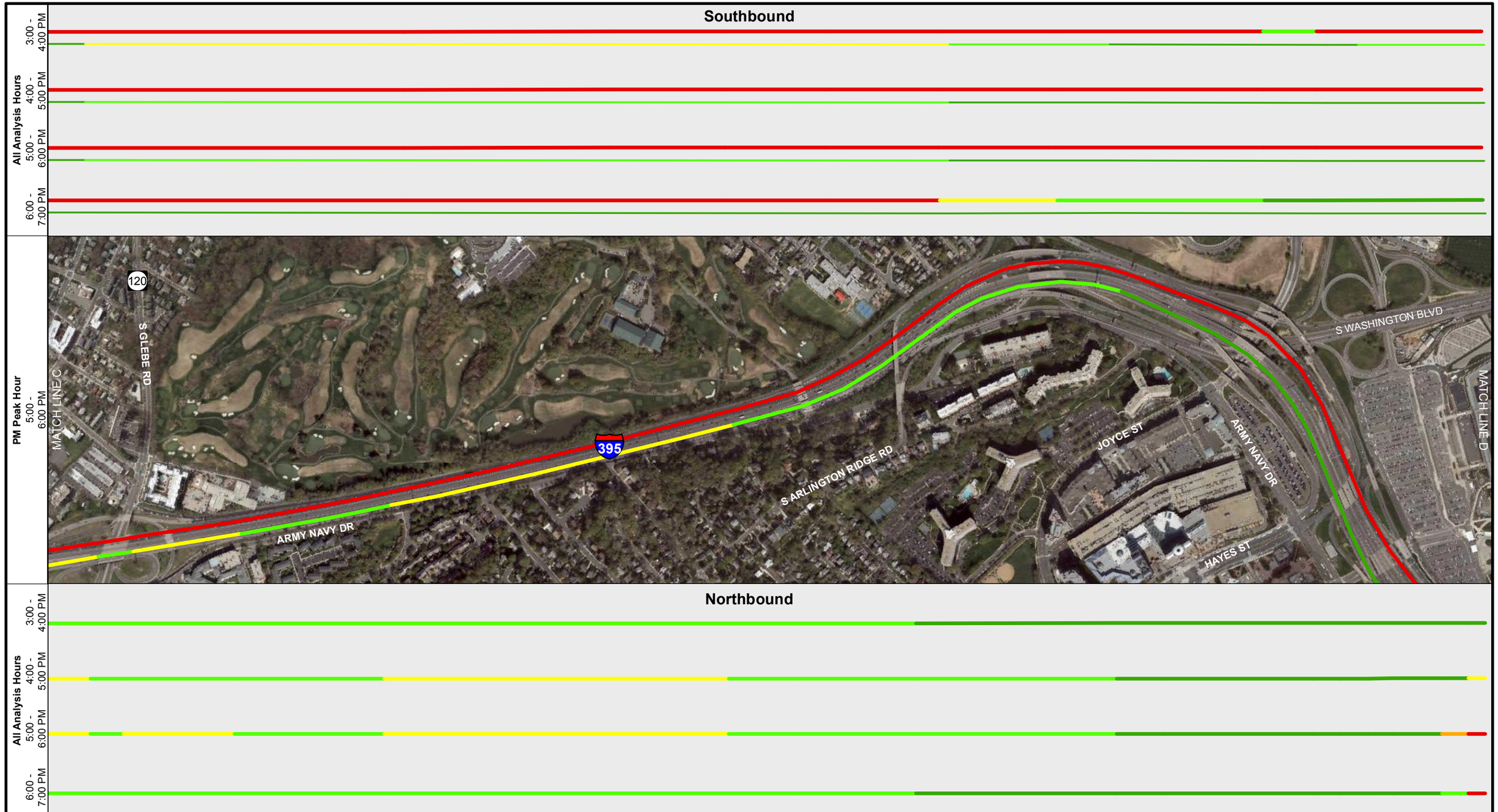
0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes



No Build Conditions: Density

PM Peak Period

Page 4 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

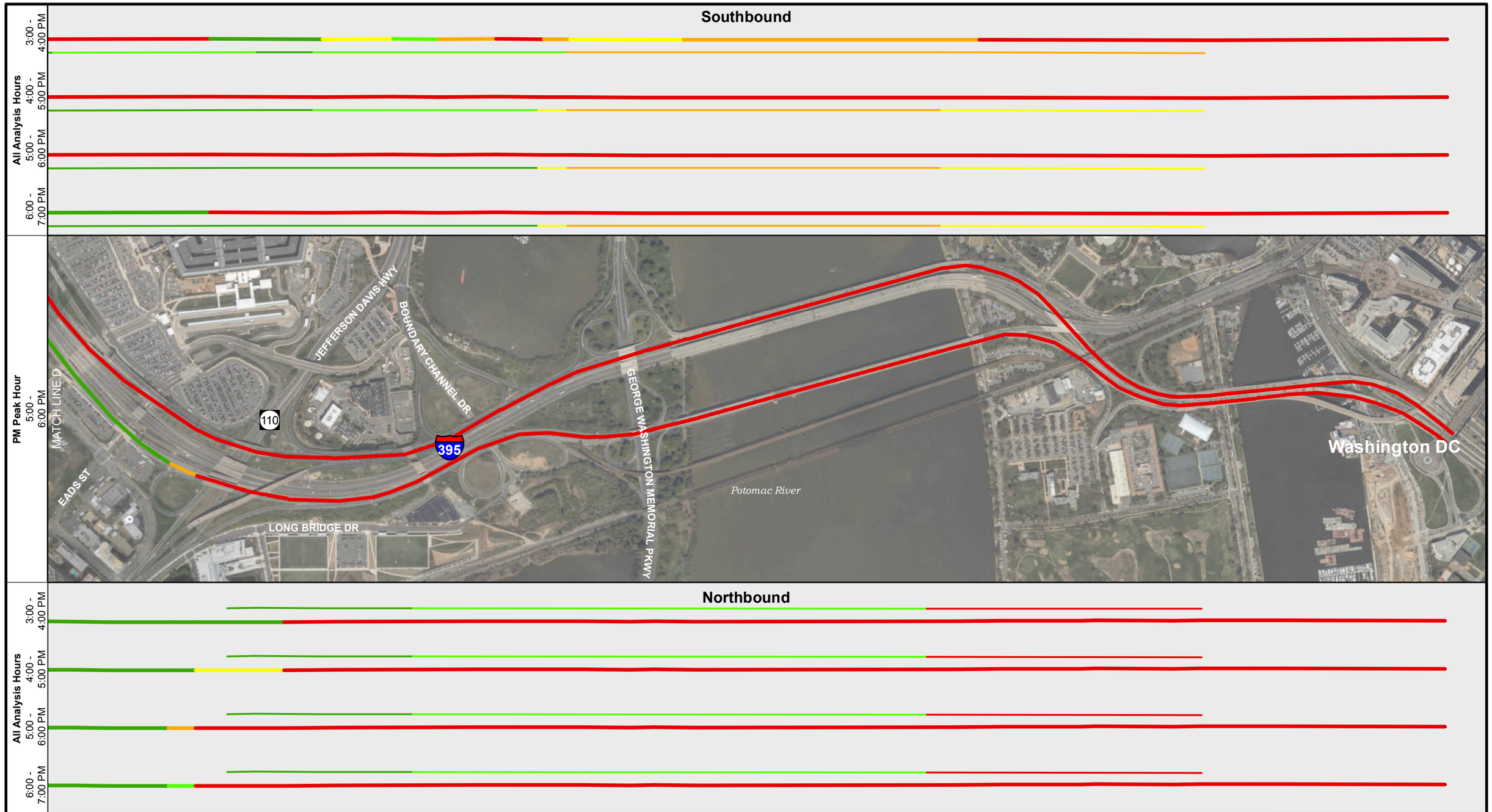
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



No Build Conditions: Density

PM Peak Period

Page 5 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

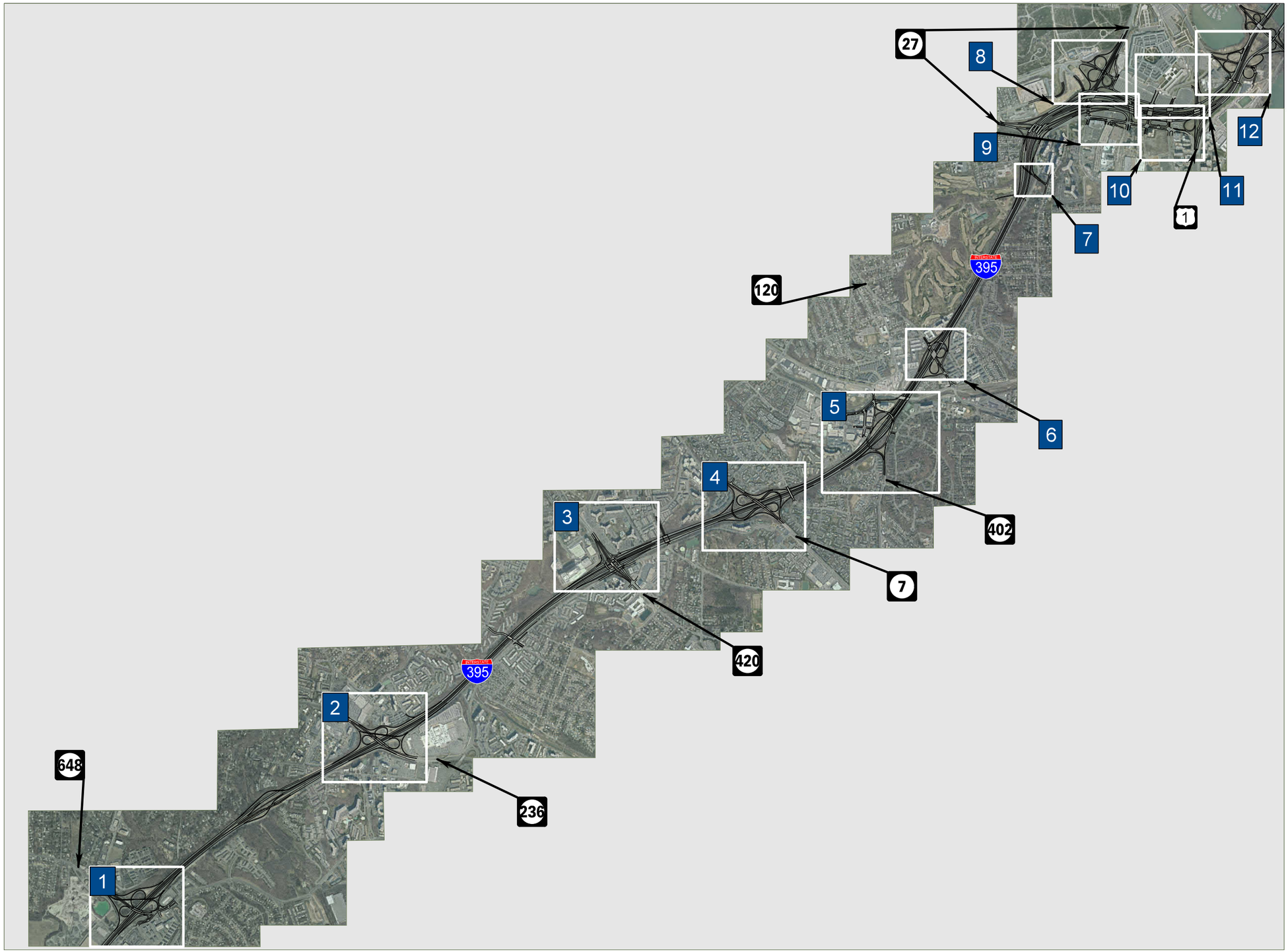
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes

Appendix J: 2040 Build Intersection Peak Hour Traffic Volumes



I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

XX INSET NUMBER

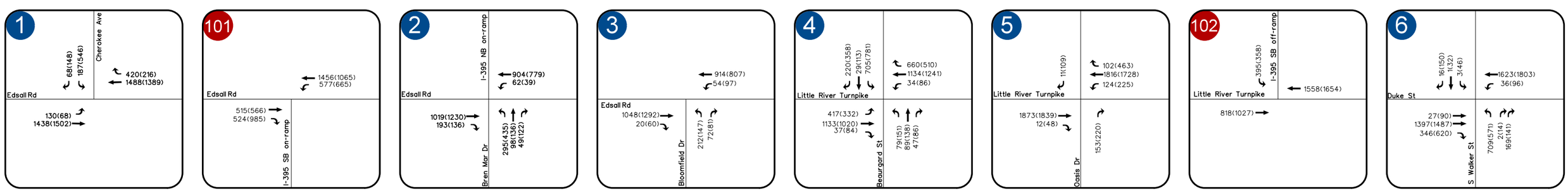
395 ExpressLanes

VDOT

DRPT

2040 Build AM (PM) Peak Hour Volumes

KEY MAP



I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX INSET NUMBER
- ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

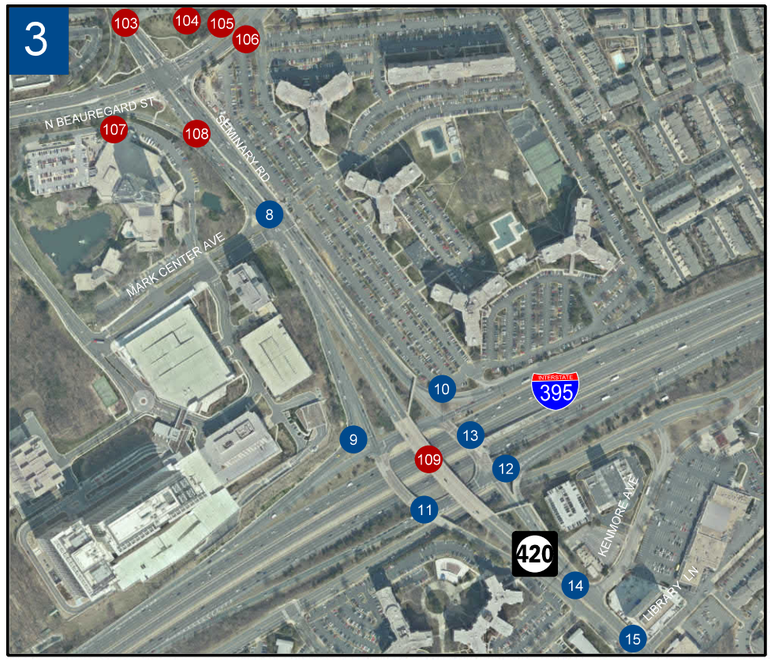
395 ExpressLanes

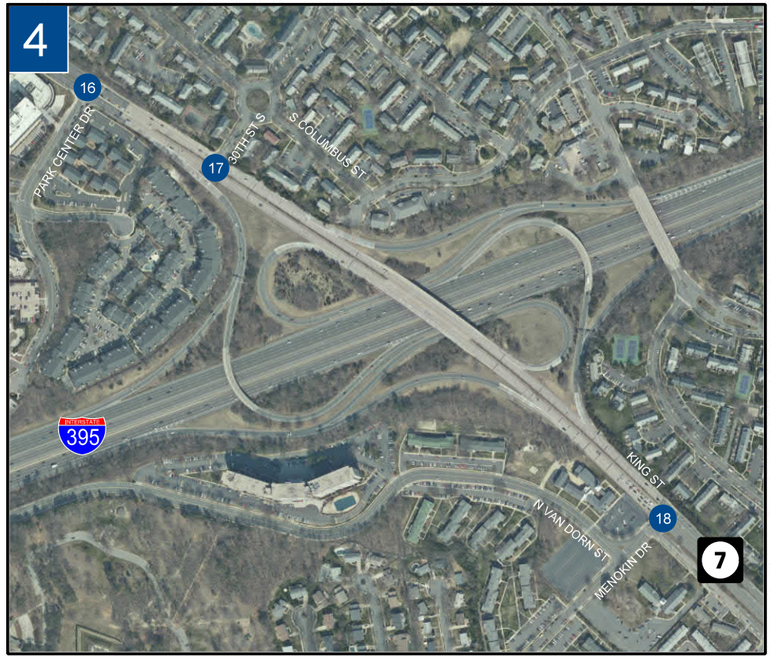
VDOT

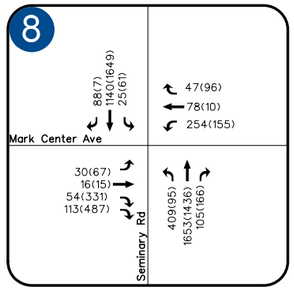
DRPT

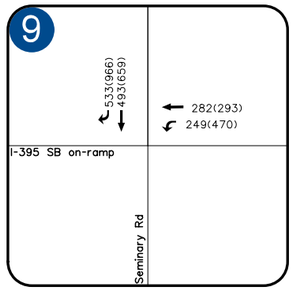
2040 Build AM (PM) Peak Hour Volumes

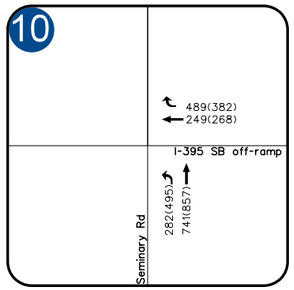
Sheet 1 of 6

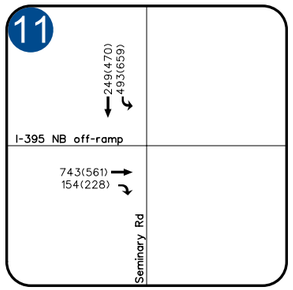


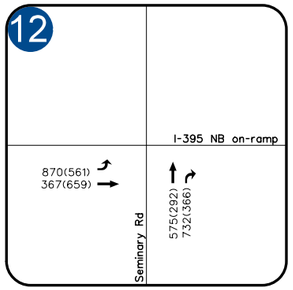


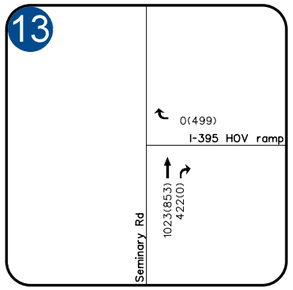


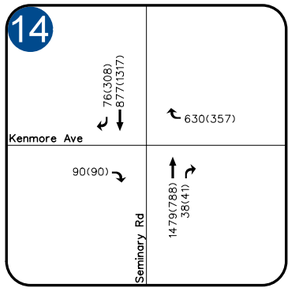


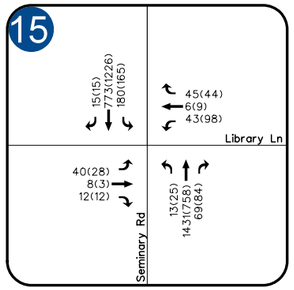


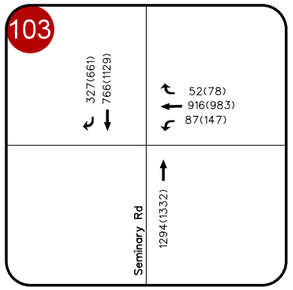


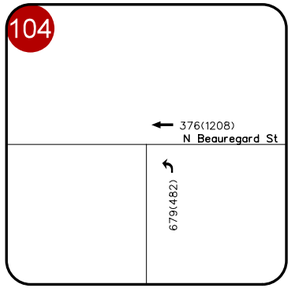


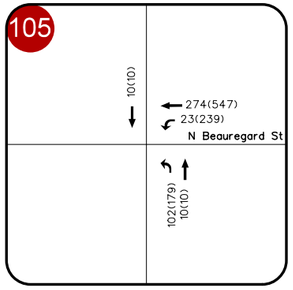


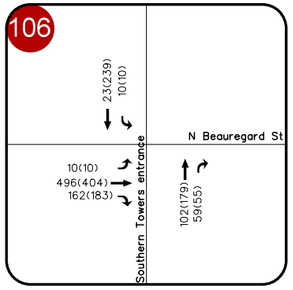


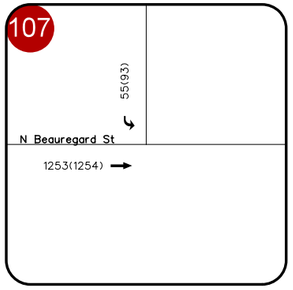


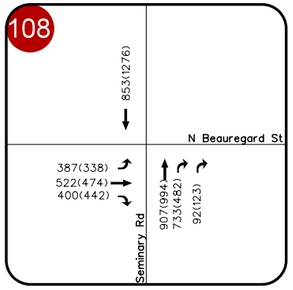


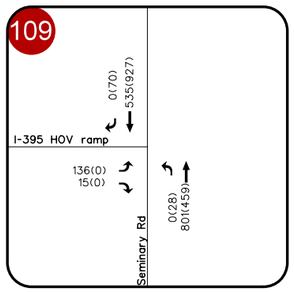


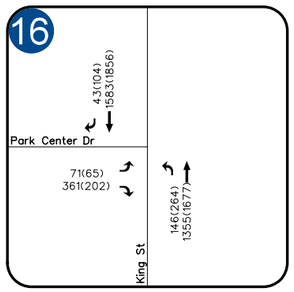


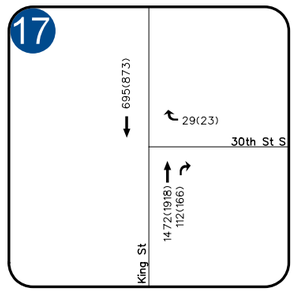


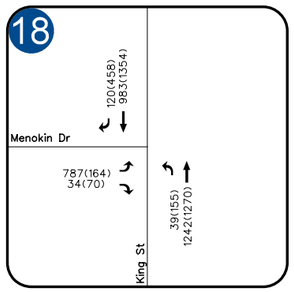












I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

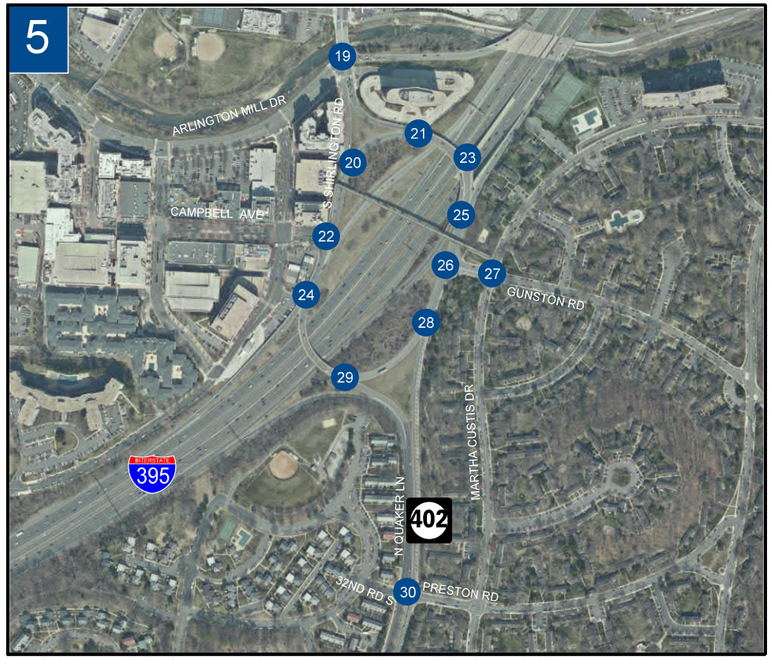
- XX — INSET NUMBER
- ← xx(xx) — AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX — EXISTING INTERSECTION NUMBER
- XX — FUTURE INTERSECTION NUMBER

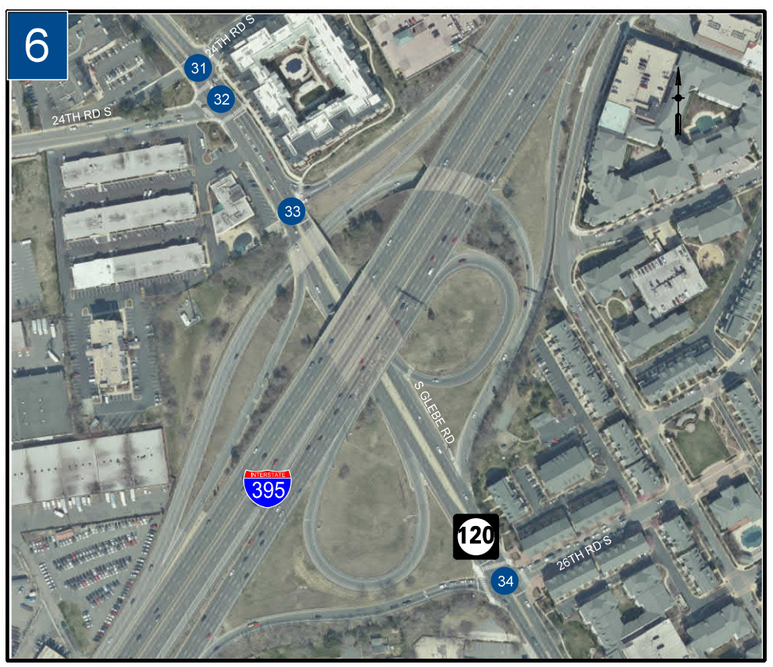
395 ExpressLanes

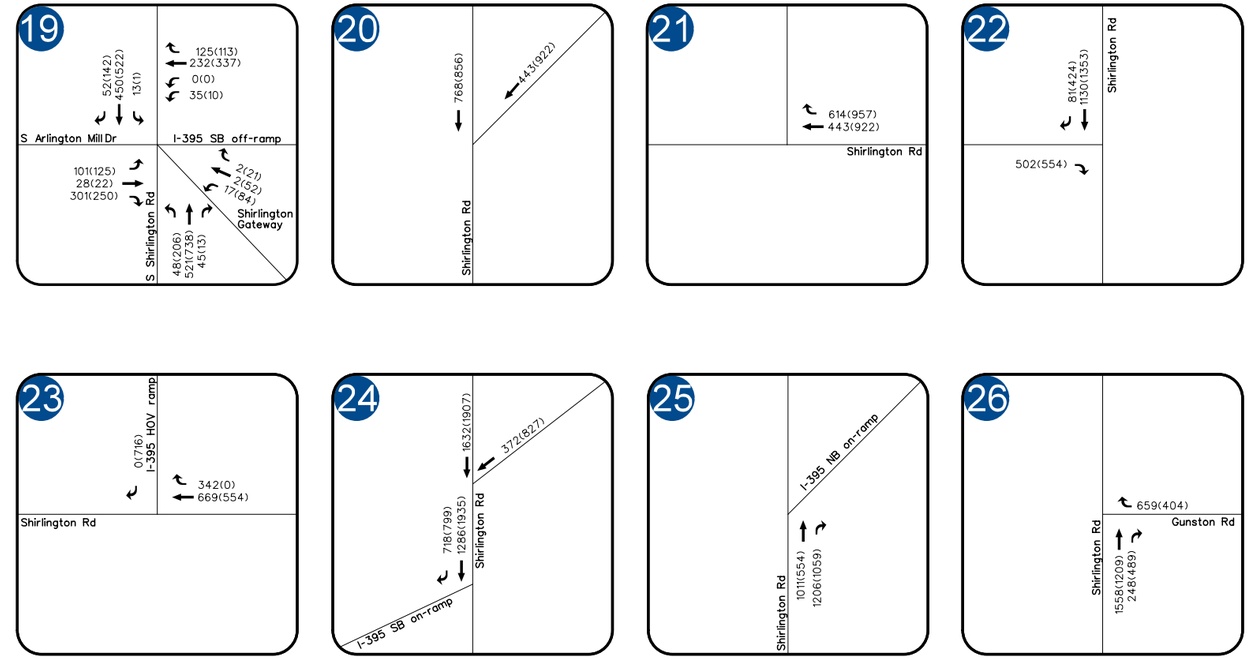
VDOT

DRPT

2040 Build AM (PM) Peak Hour Volumes







I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX INSET NUMBER — ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

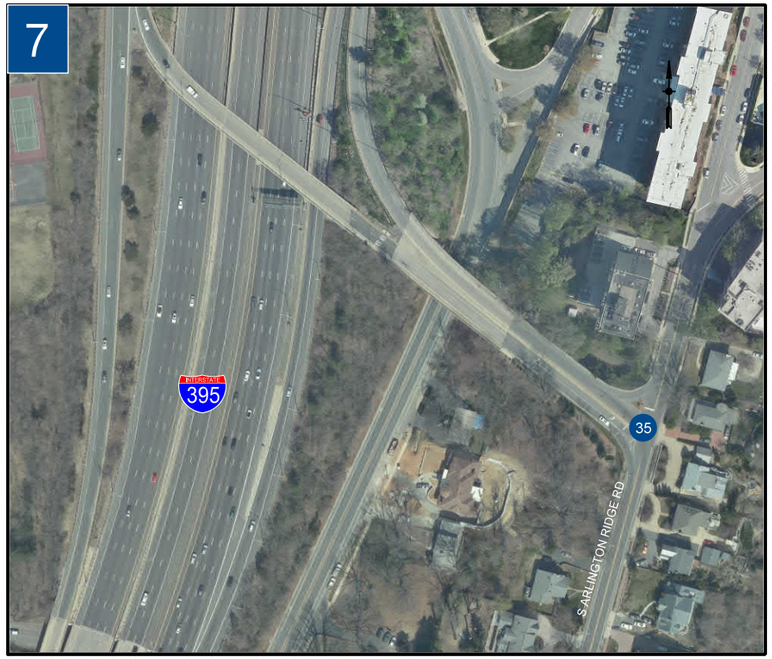
395 ExpressLanes

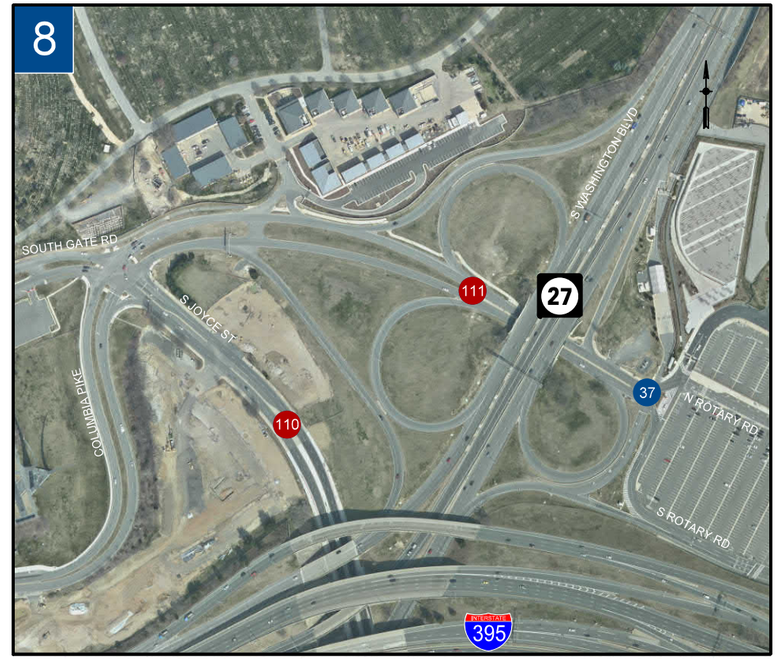
VDOT

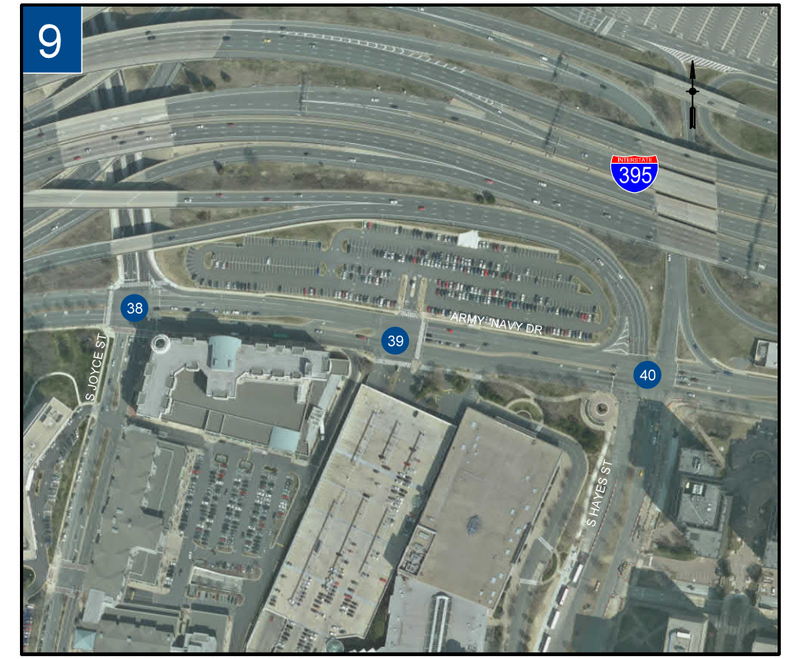
DRPT

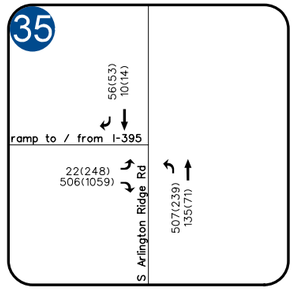
2040 Build AM (PM) Peak Hour Volumes

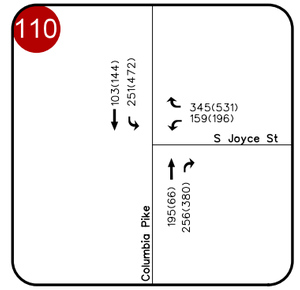
Sheet 3 of 6

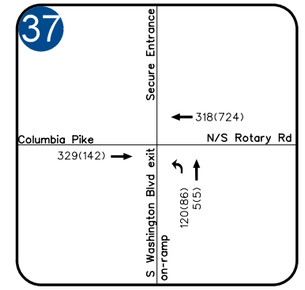


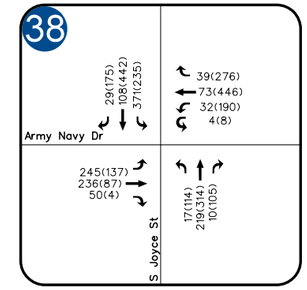


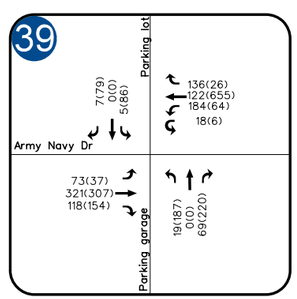


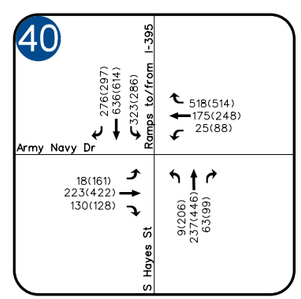


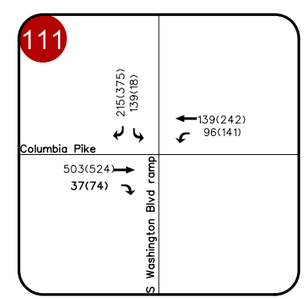












I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

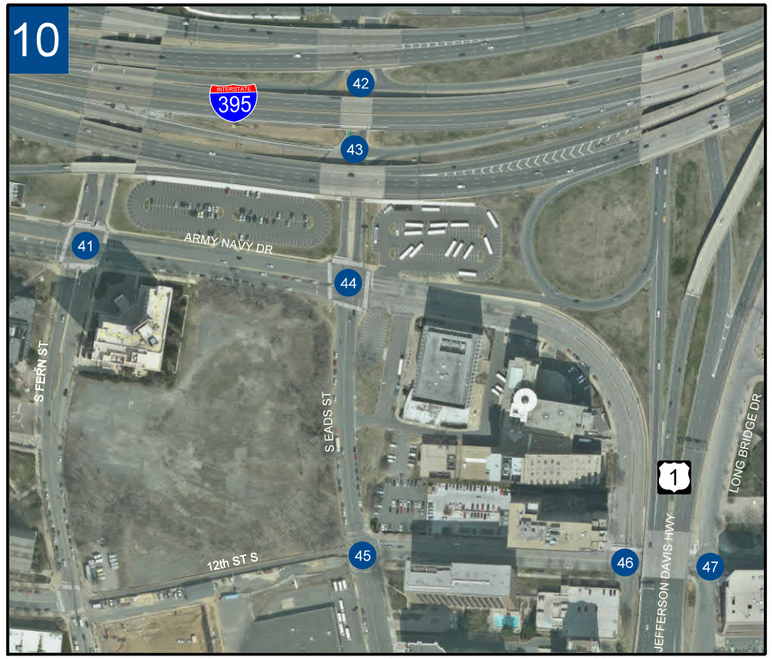
- XX INSET NUMBER
- ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

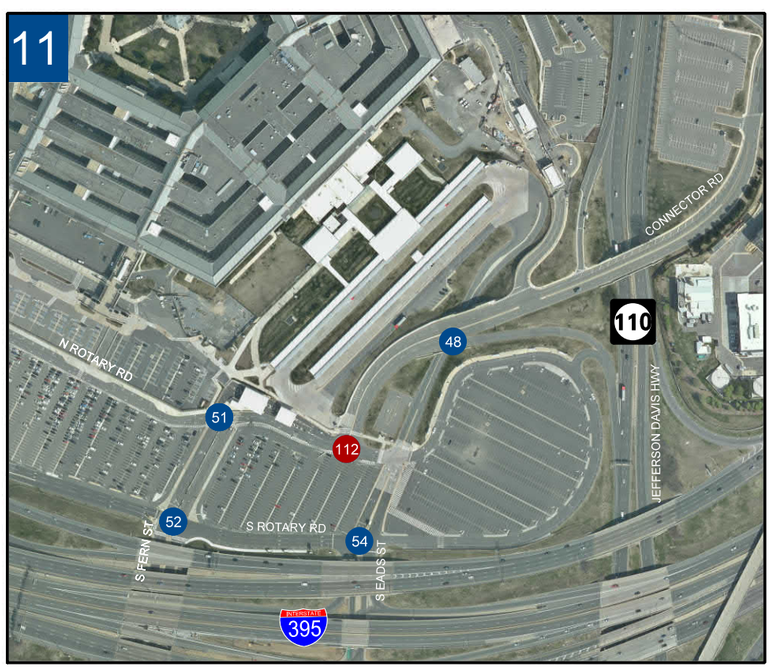
395 ExpressLanes

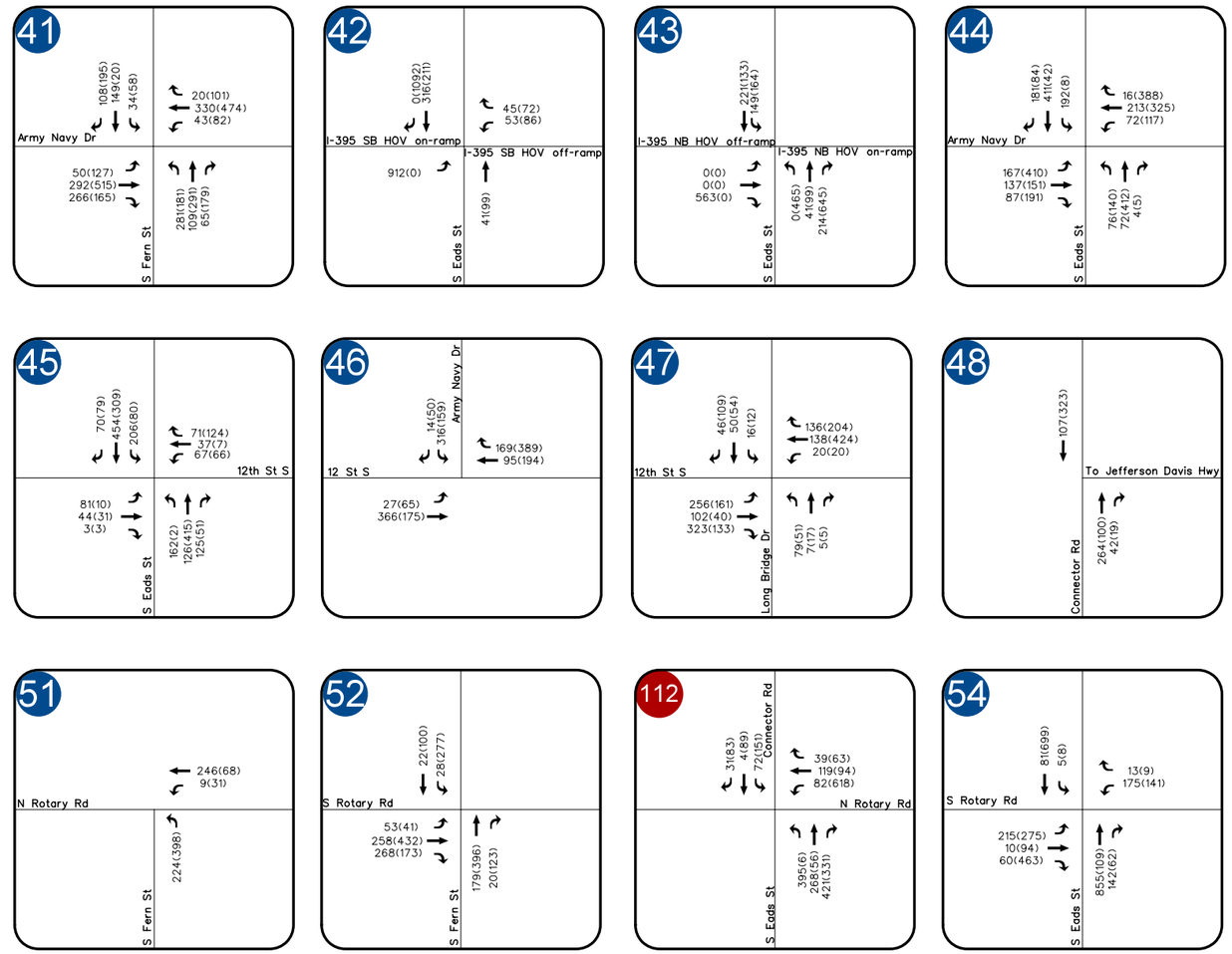
VDOT

DRPT

2040 Build AM (PM) Peak Hour Volumes







I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX — INSET NUMBER
- ← xx(xx) — AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX — EXISTING INTERSECTION NUMBER
- XX — FUTURE INTERSECTION NUMBER

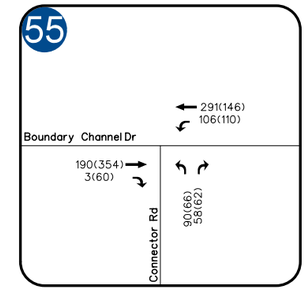
395 ExpressLanes

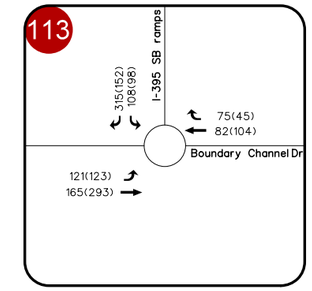
VDOT

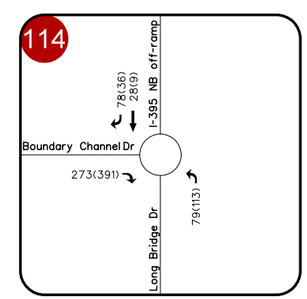
DRPT

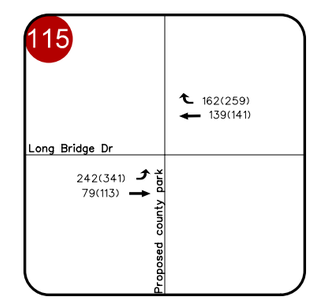
2040 Build AM (PM) Peak Hour Volumes

Sheet 5 of 6









I-395 EXPRESS LANES NORTHERN EXTENSION

LEGEND

- XX INSET NUMBER — ← xx(xx) AM(PM) PEAK HOUR TRAFFIC VOLUMES
- XX EXISTING INTERSECTION NUMBER
- XX FUTURE INTERSECTION NUMBER

395 ExpressLanes

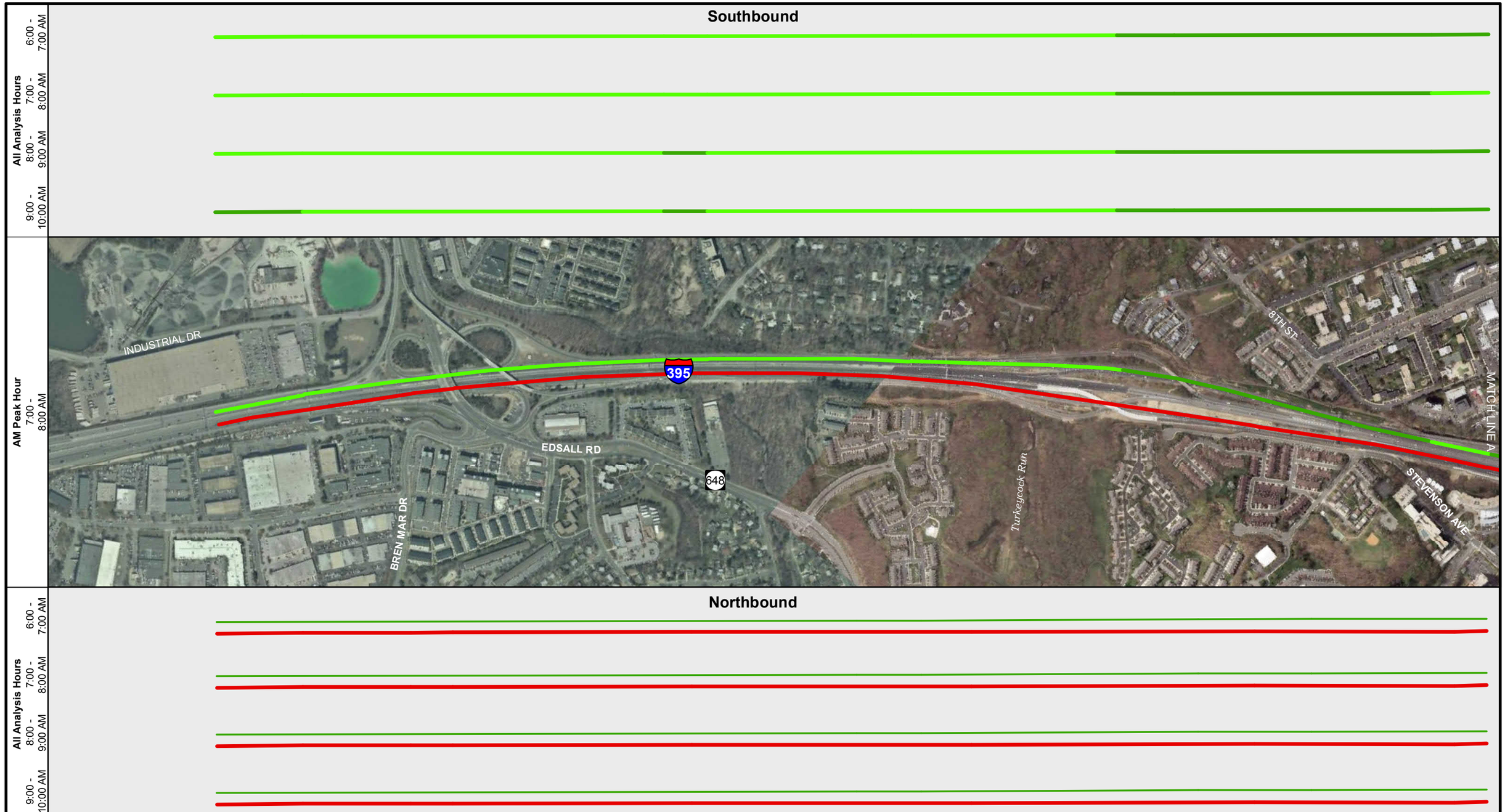
VDOT

DRPT

2040 Build AM (PM) Peak Hour Volumes

Sheet 6 of 6

Appendix K: 2040 Build Conditions Speed and Density Maps



Build Conditions: Speeds

AM Peak Period

Page 1 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

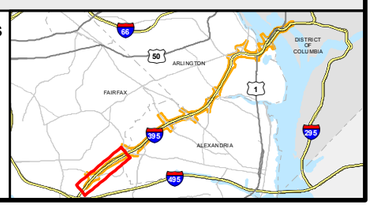
0 500 1,000 1,500 2,000 Feet

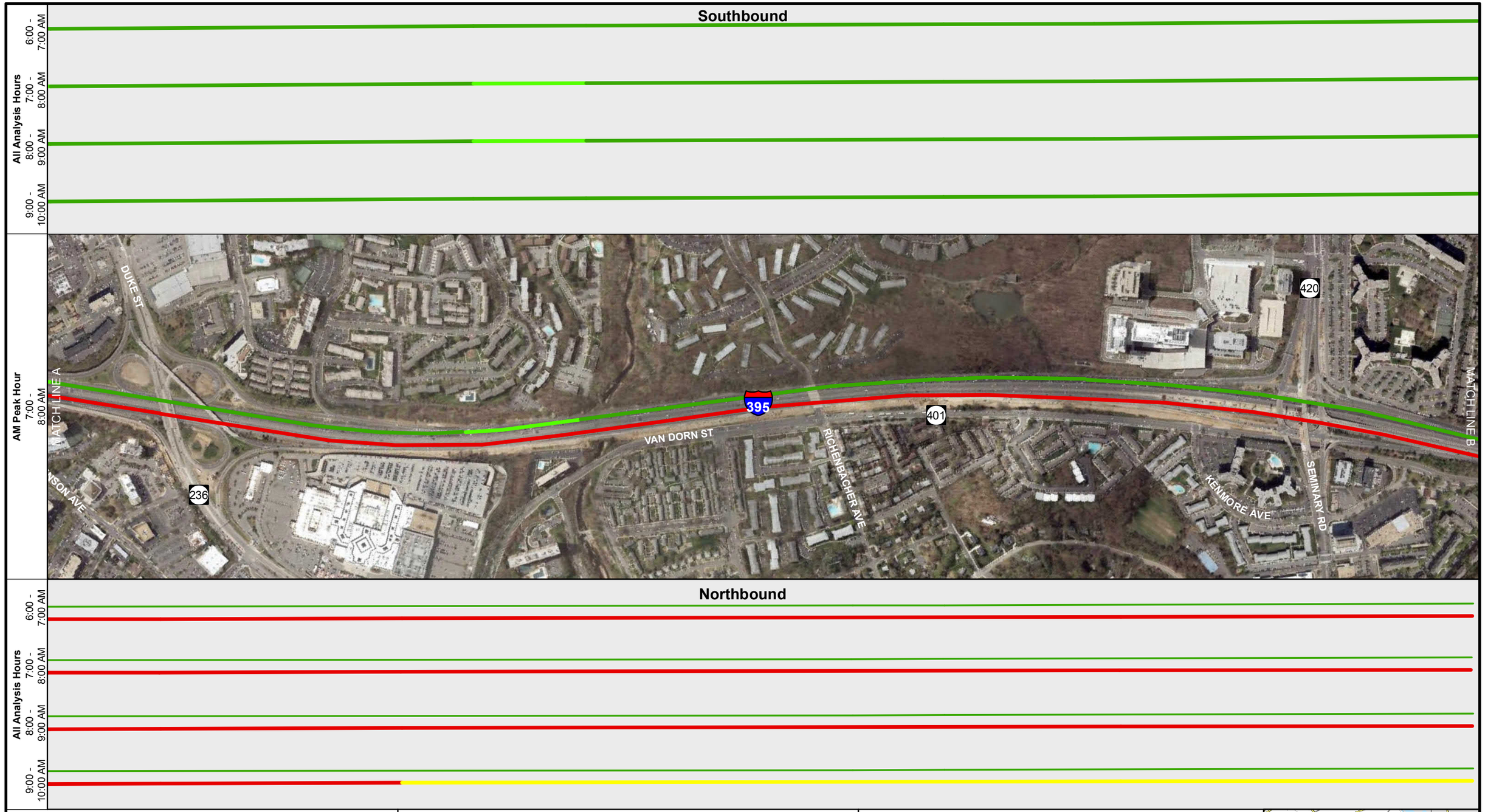
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Speeds

AM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

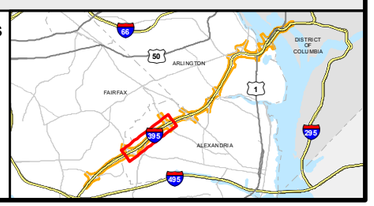
0 500 1,000 1,500 2,000 Feet

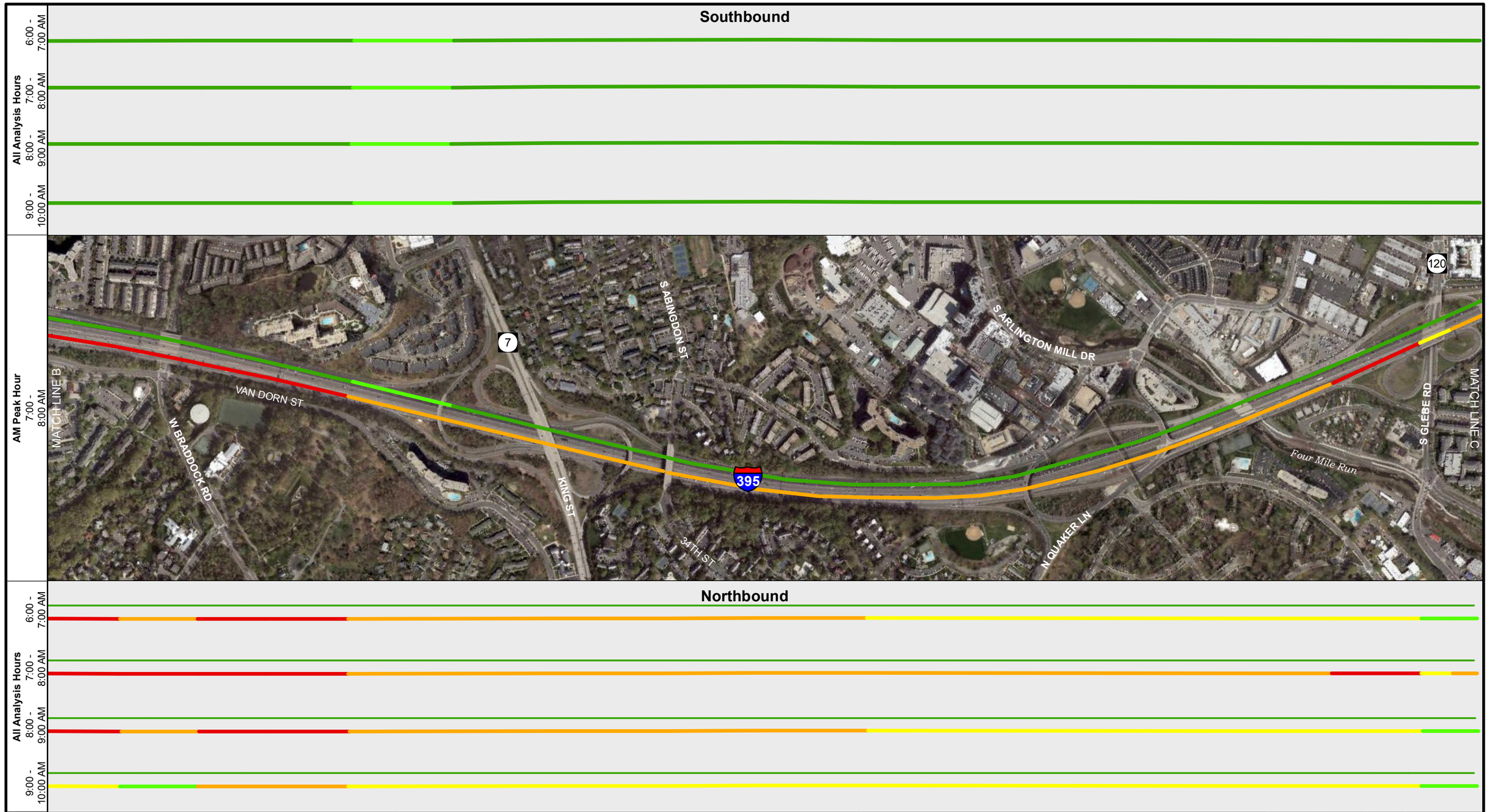
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Speeds

AM Peak Period

Page 3 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

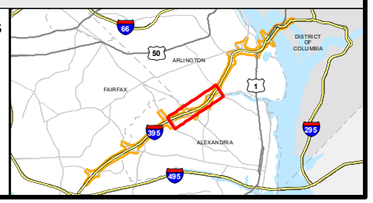
0 500 1,000 1,500 2,000 Feet

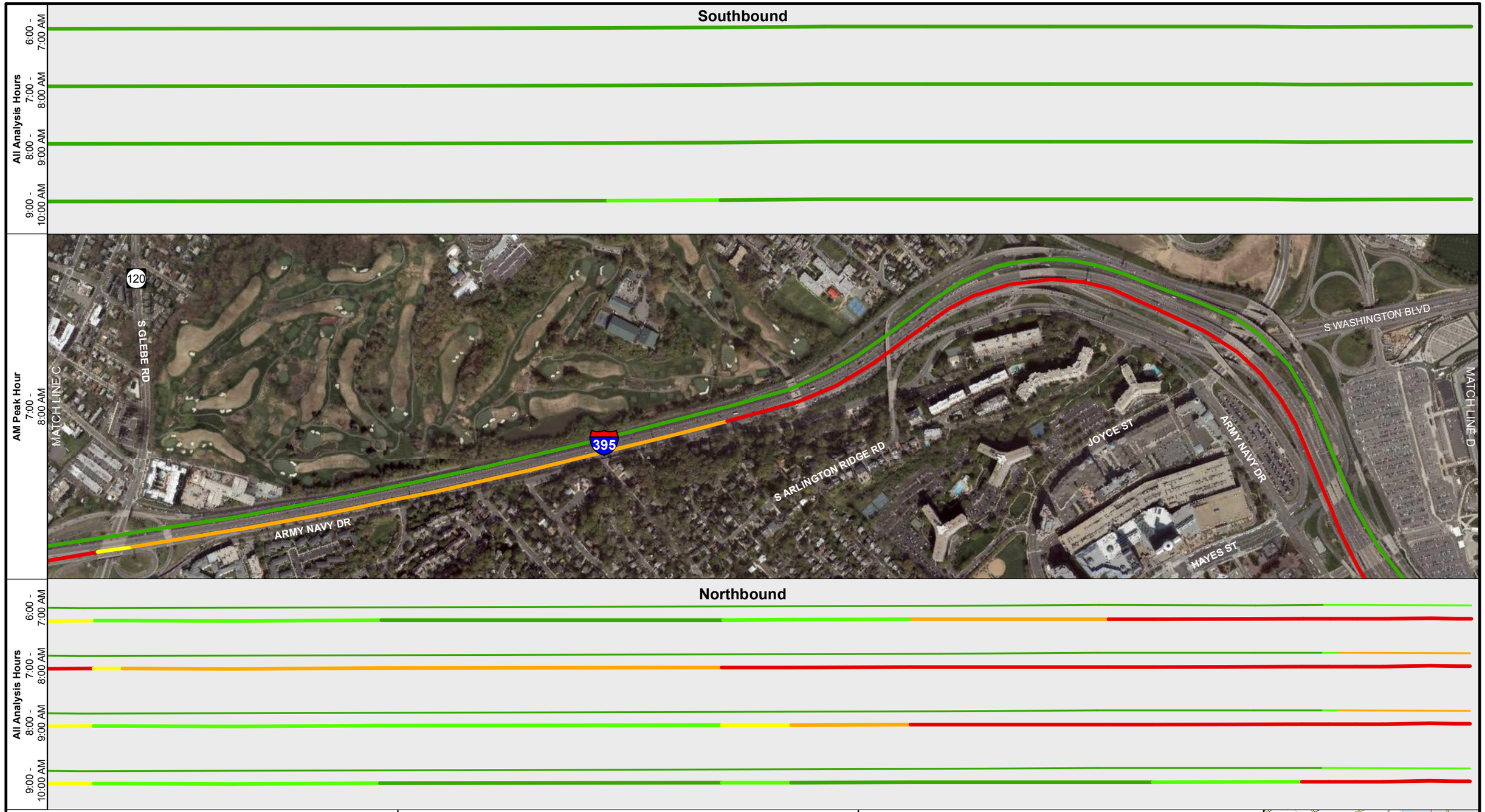
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Speeds

AM Peak Period

Page 4 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

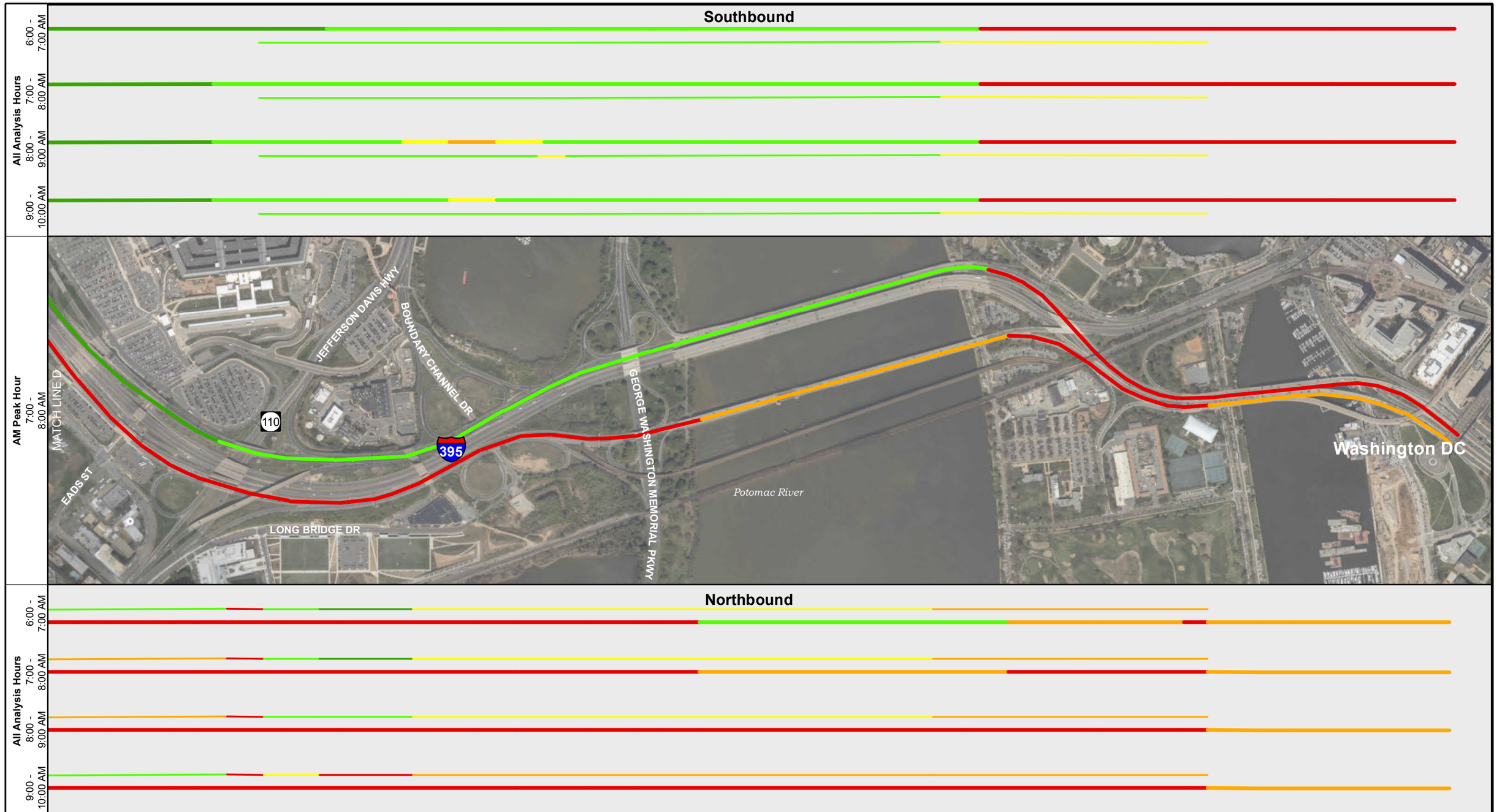
0 500 1,000 1,500 2,000 Feet

N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Speeds

AM Peak Period

Page 5 of 5

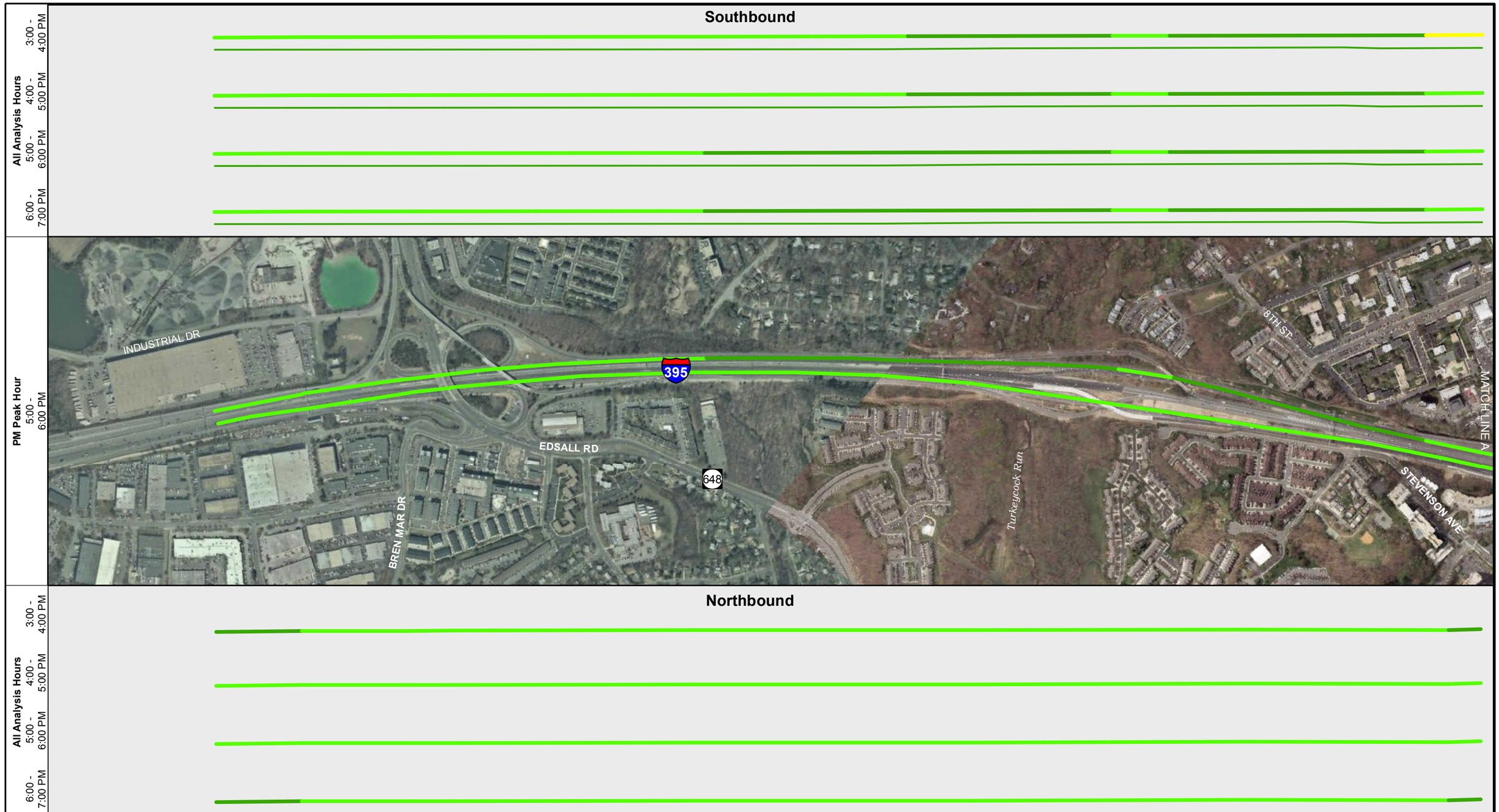
Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

0 500 1,000 1,500 2,000 Feet

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Speeds

PM Peak Period

Page 1 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

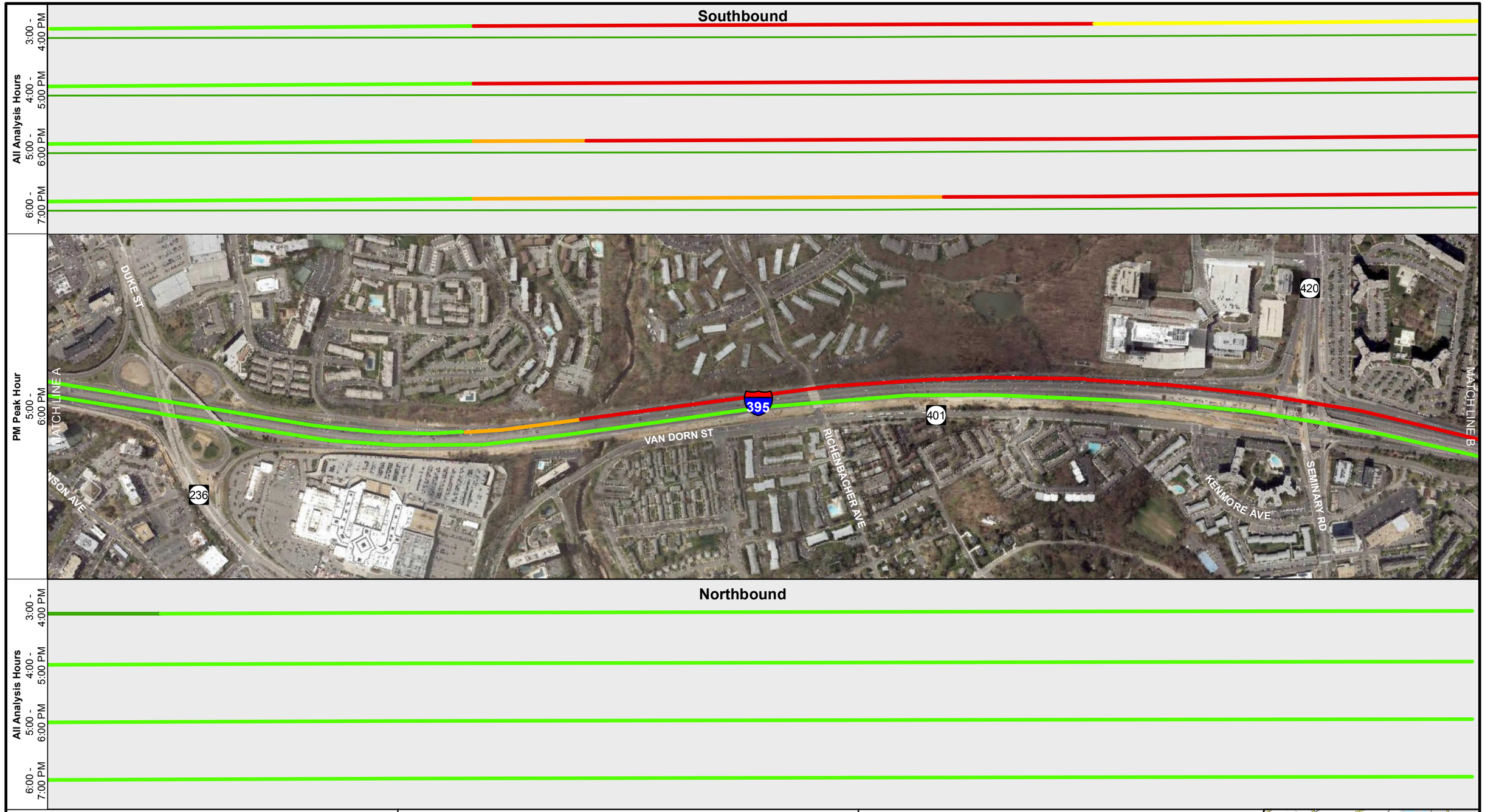
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Speeds

PM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

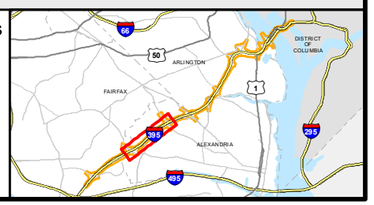
0 500 1,000 1,500 2,000 Feet

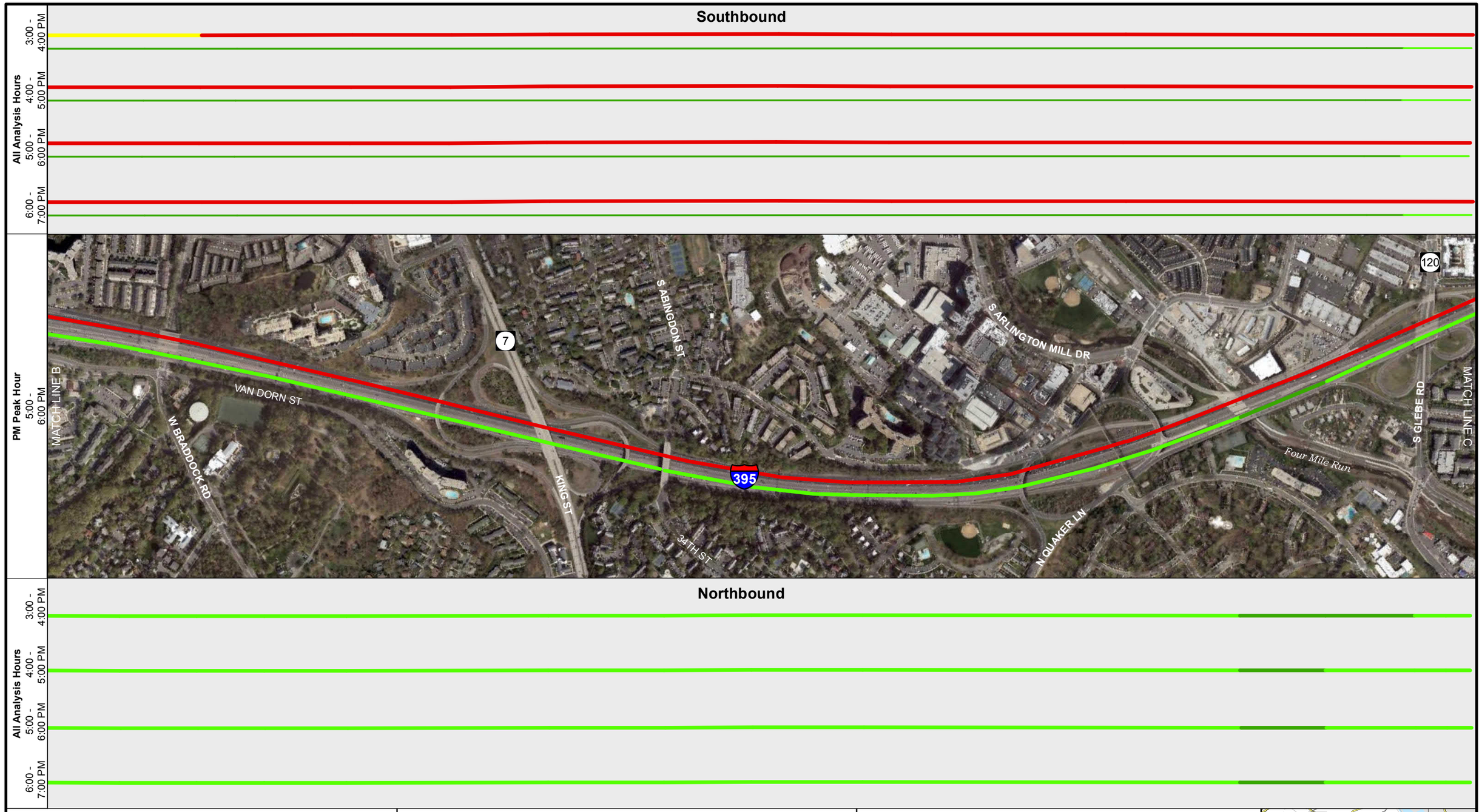
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Speeds

PM Peak Period

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

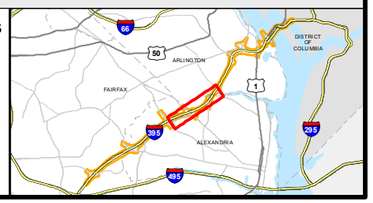
0 500 1,000 1,500 2,000 Feet

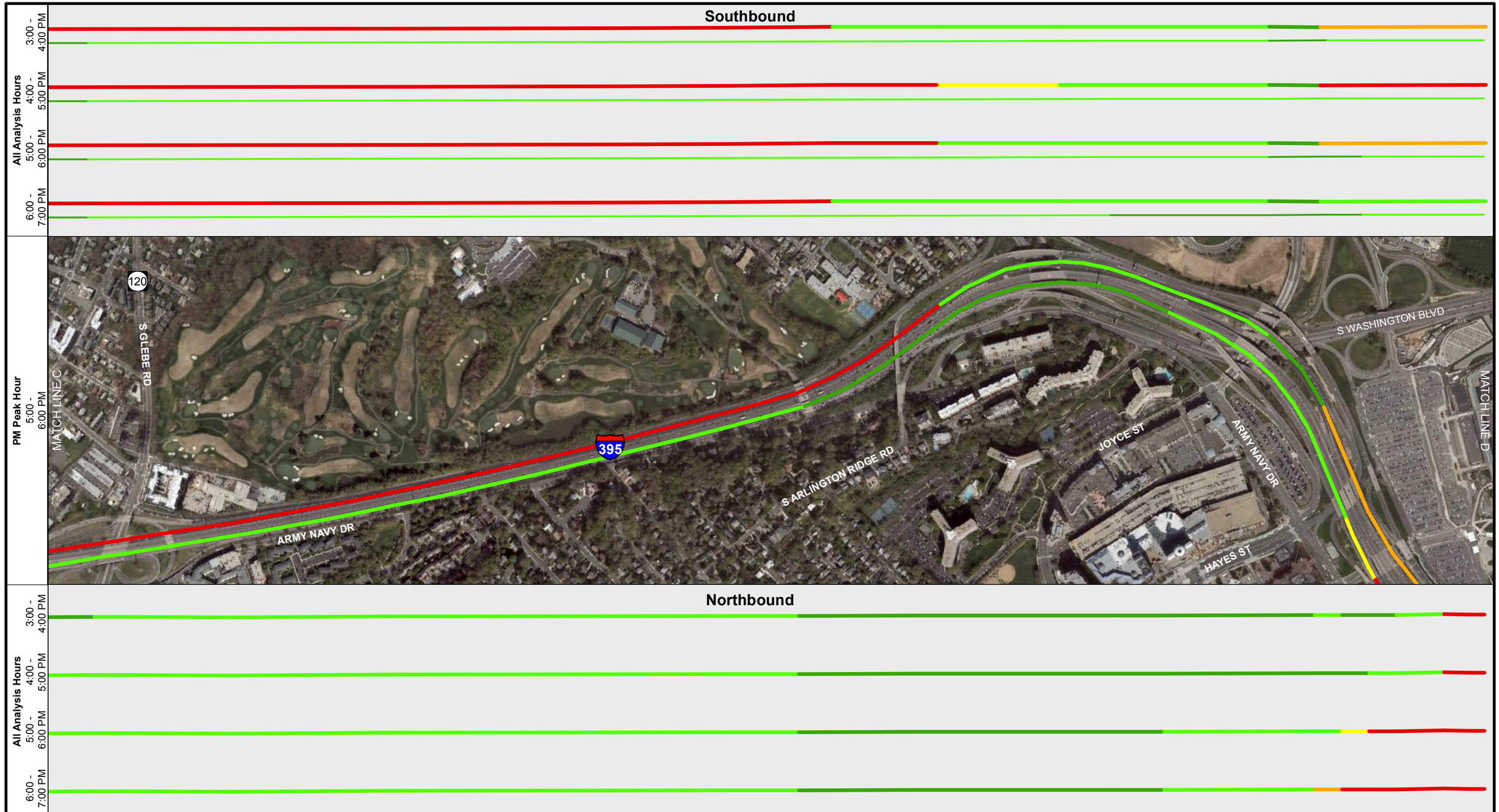
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Speeds

PM Peak Period

Page 4 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

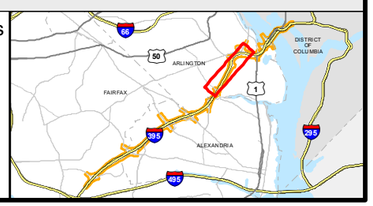
0 500 1,000 1,500 2,000 Feet

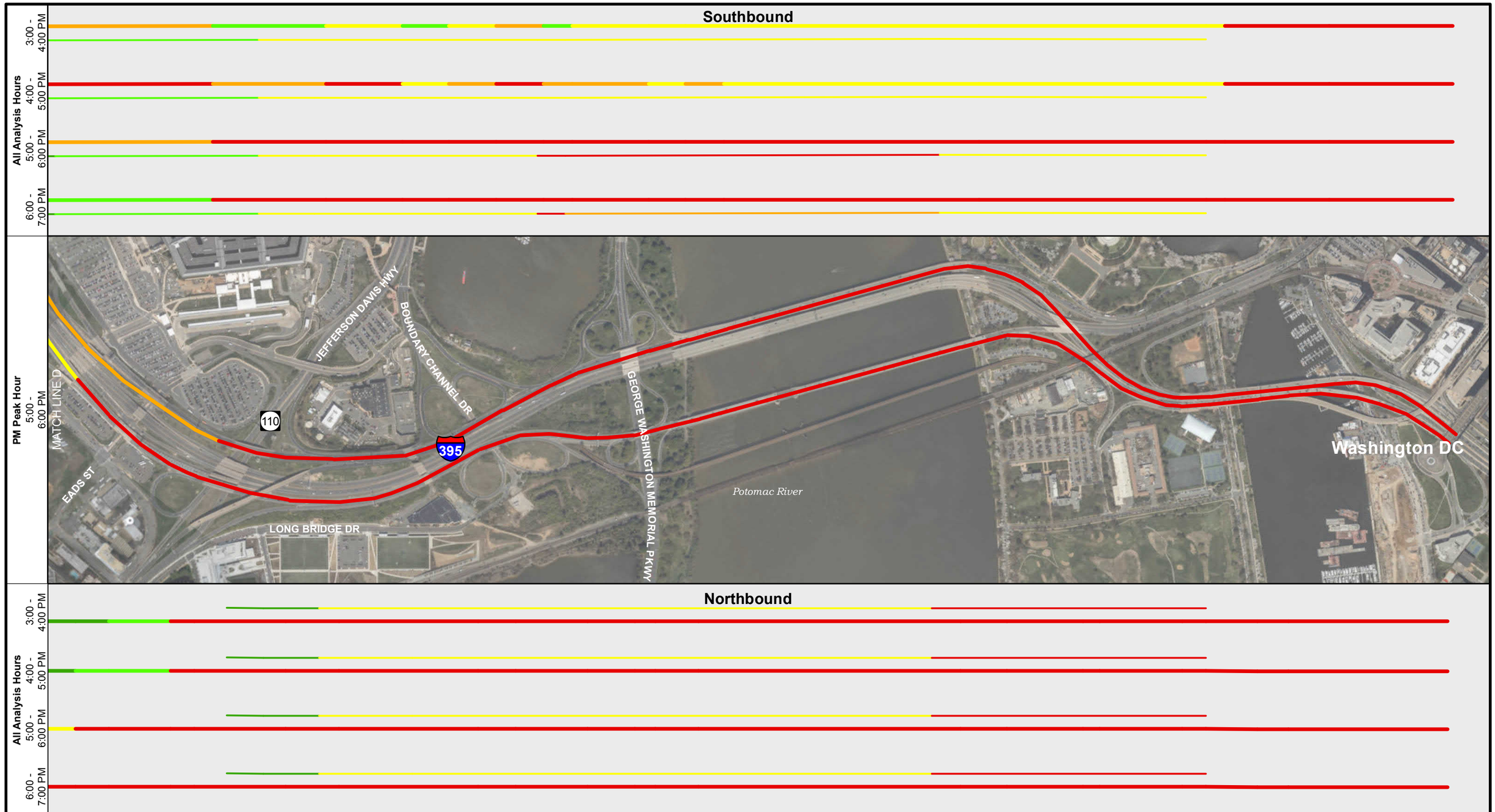
N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Speeds

PM Peak Period

Page 5 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

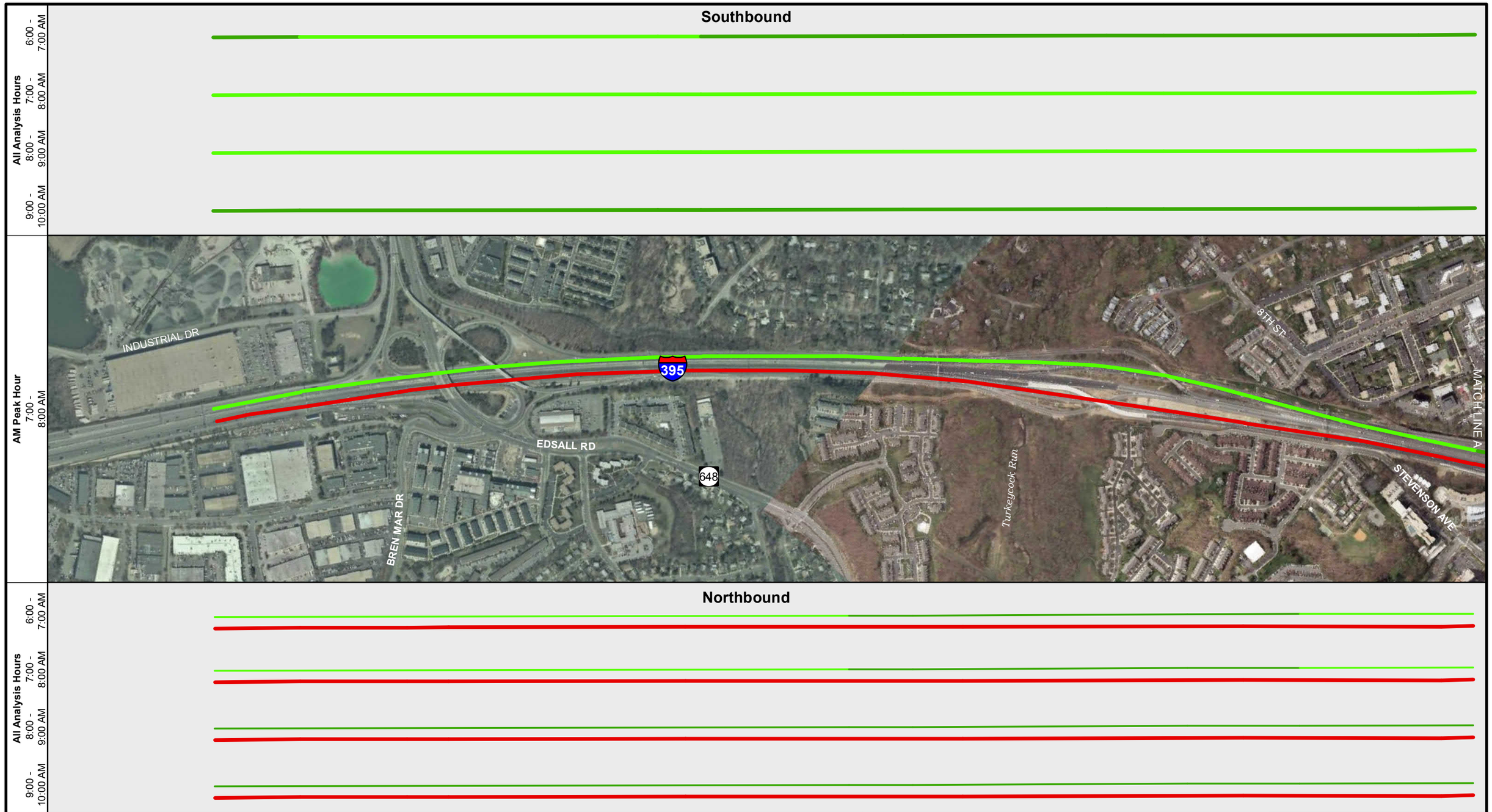
0 500 1,000 1,500 2,000 Feet

N

Average Speed (mph)

- < 25
- 25 - 35
- 35 - 45
- 45 - 55
- > 55

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Density

AM Peak Period

Page 1 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

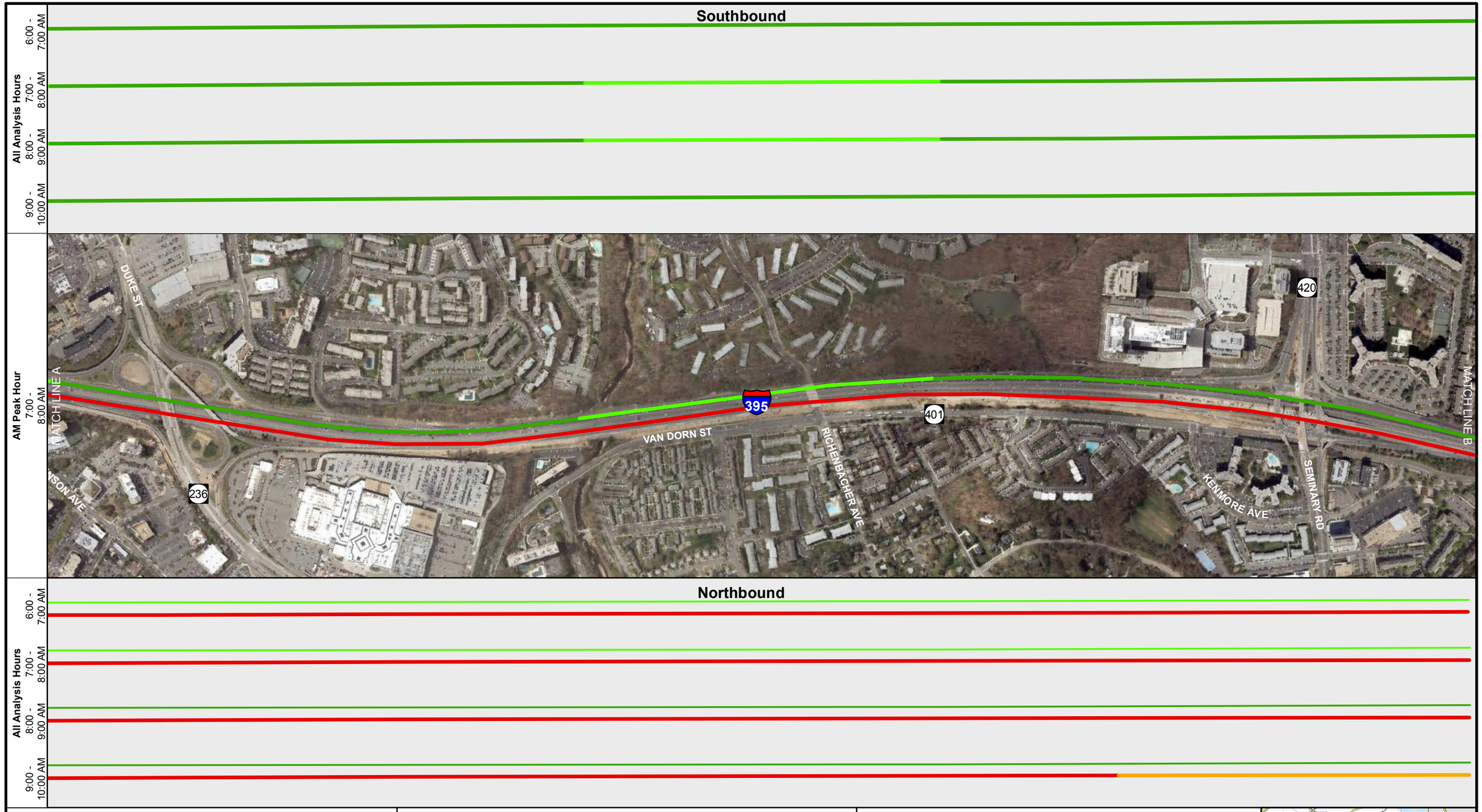
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Density

AM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

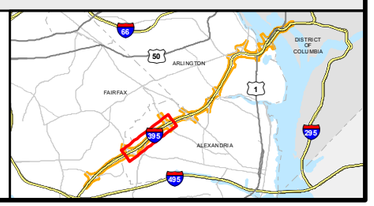
0 500 1,000 1,500 2,000 Feet

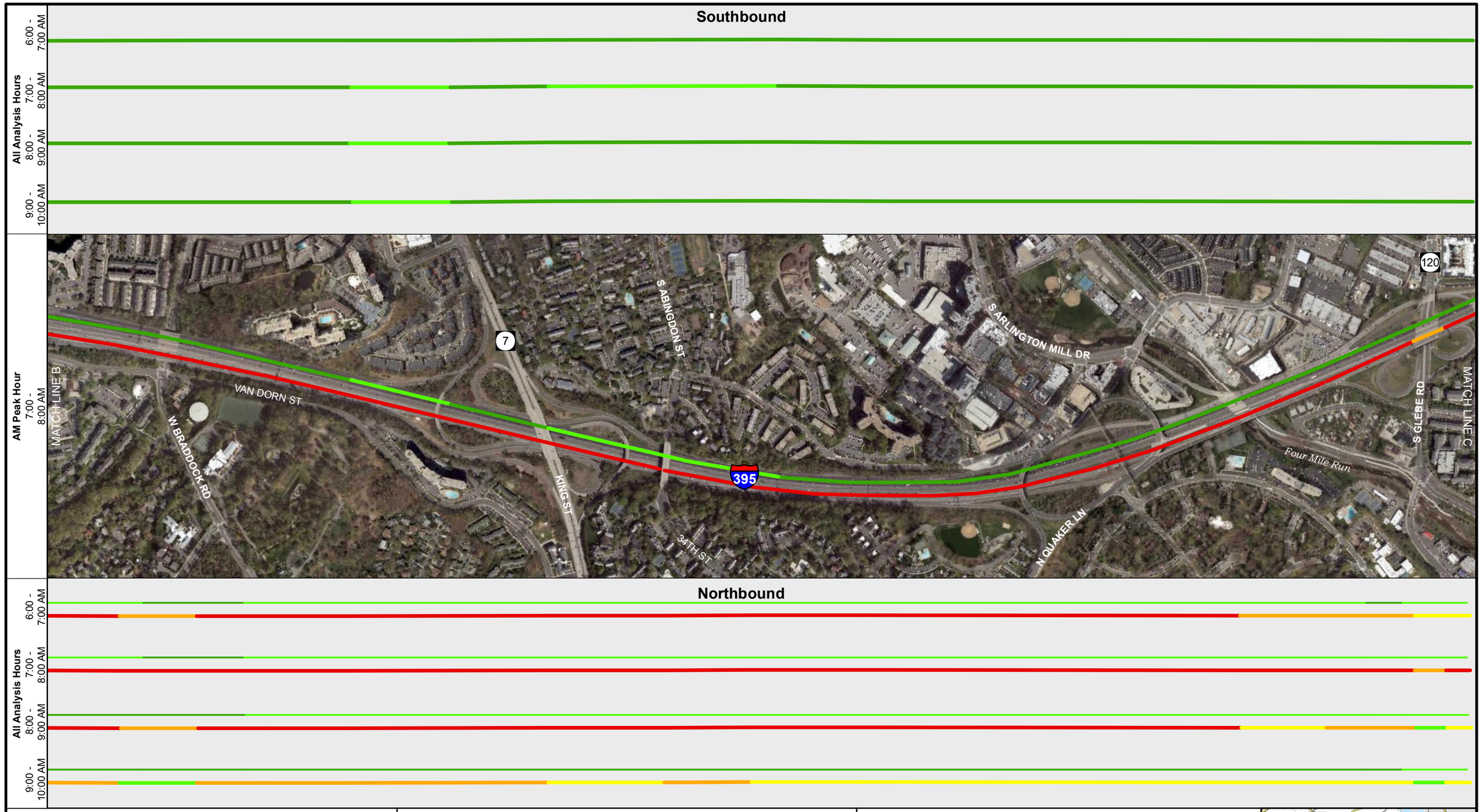
N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes





Build Conditions: Density

AM Peak Period

Page 3 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

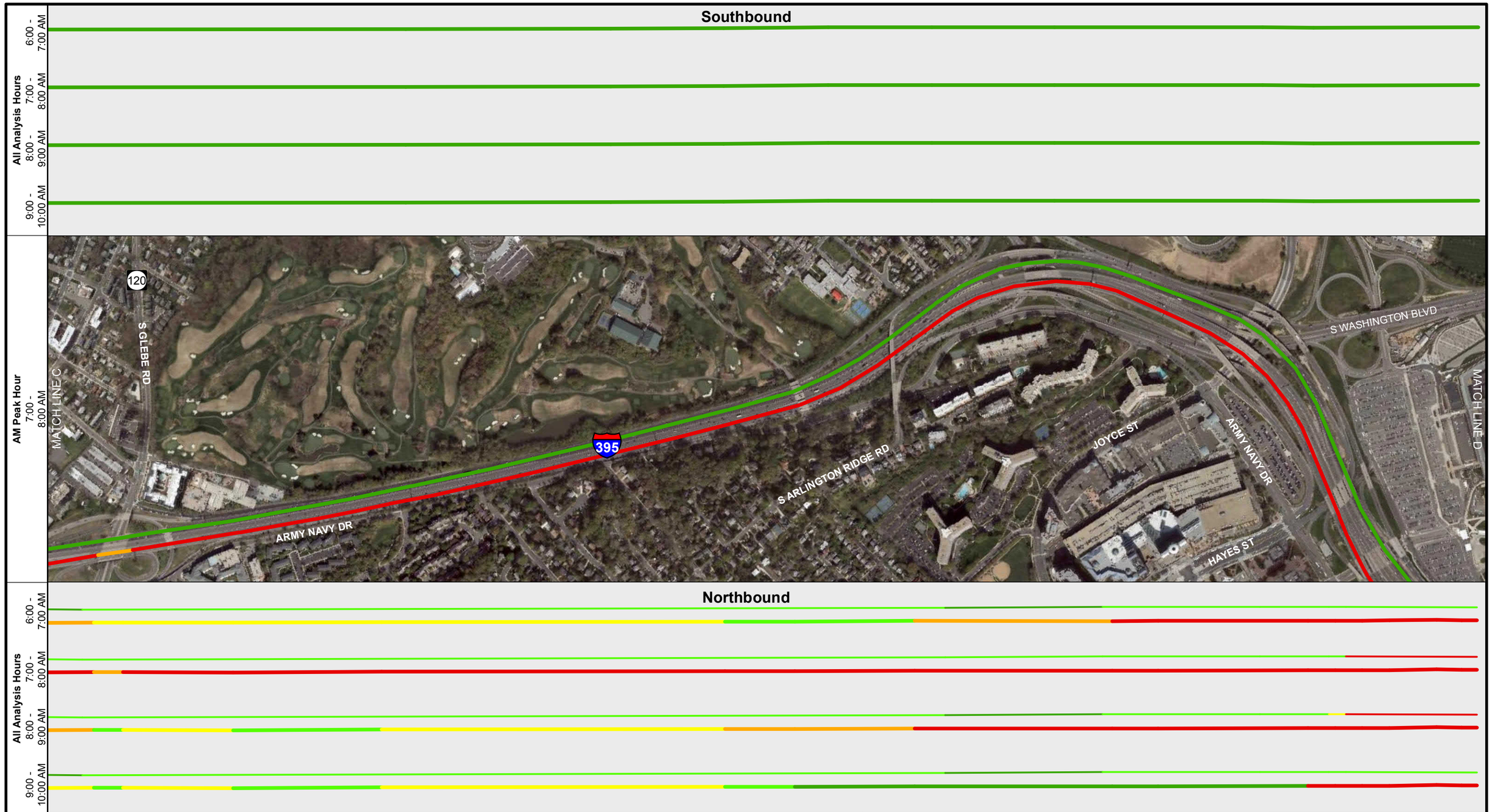
0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes



Build Conditions: Density

AM Peak Period

Page 4 of 5

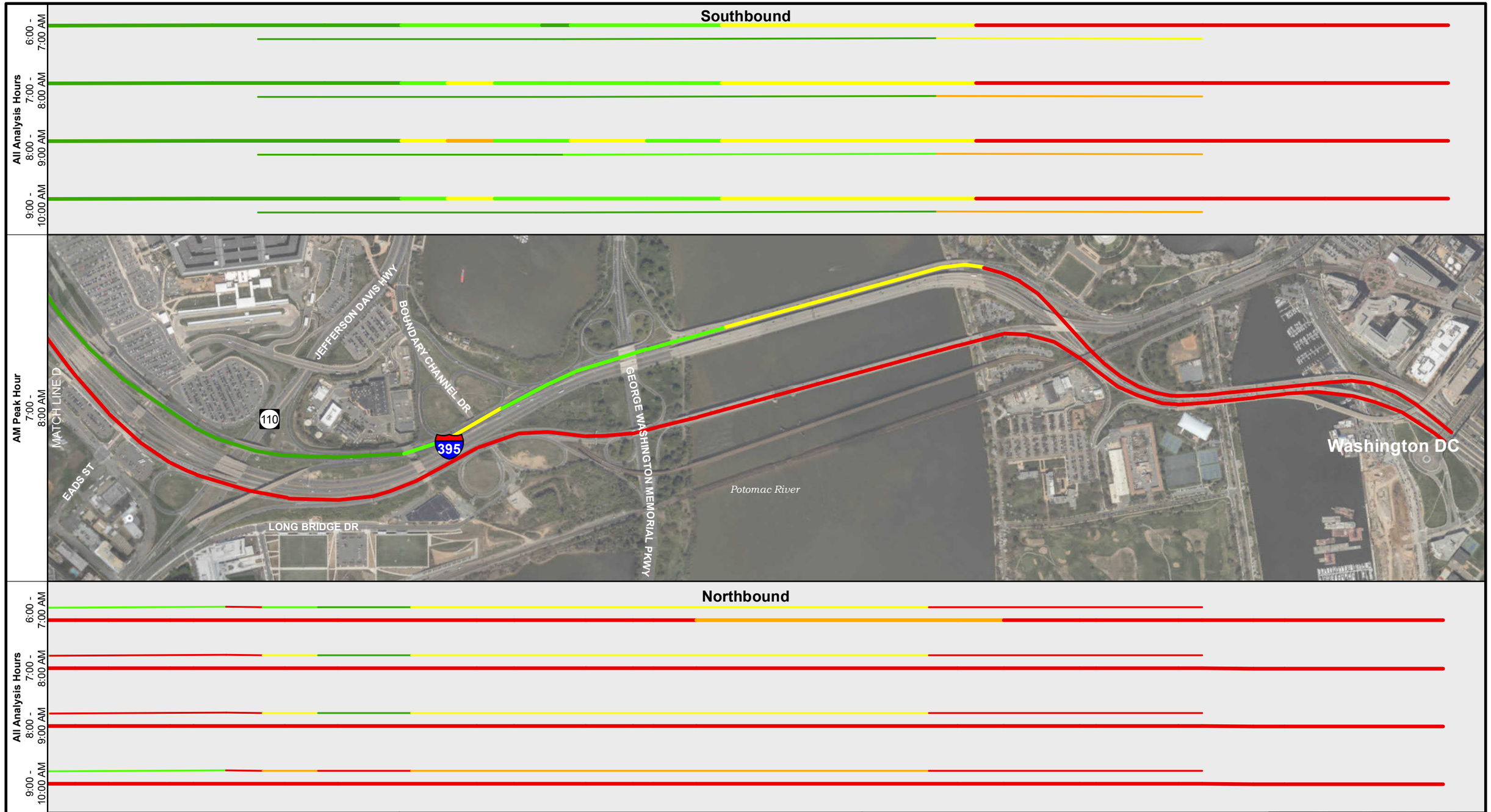
Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Density

AM Peak Period

Page 5 of 5

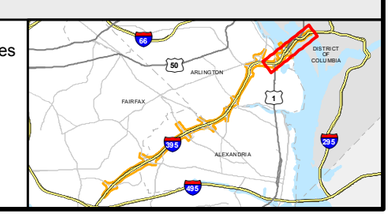
VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

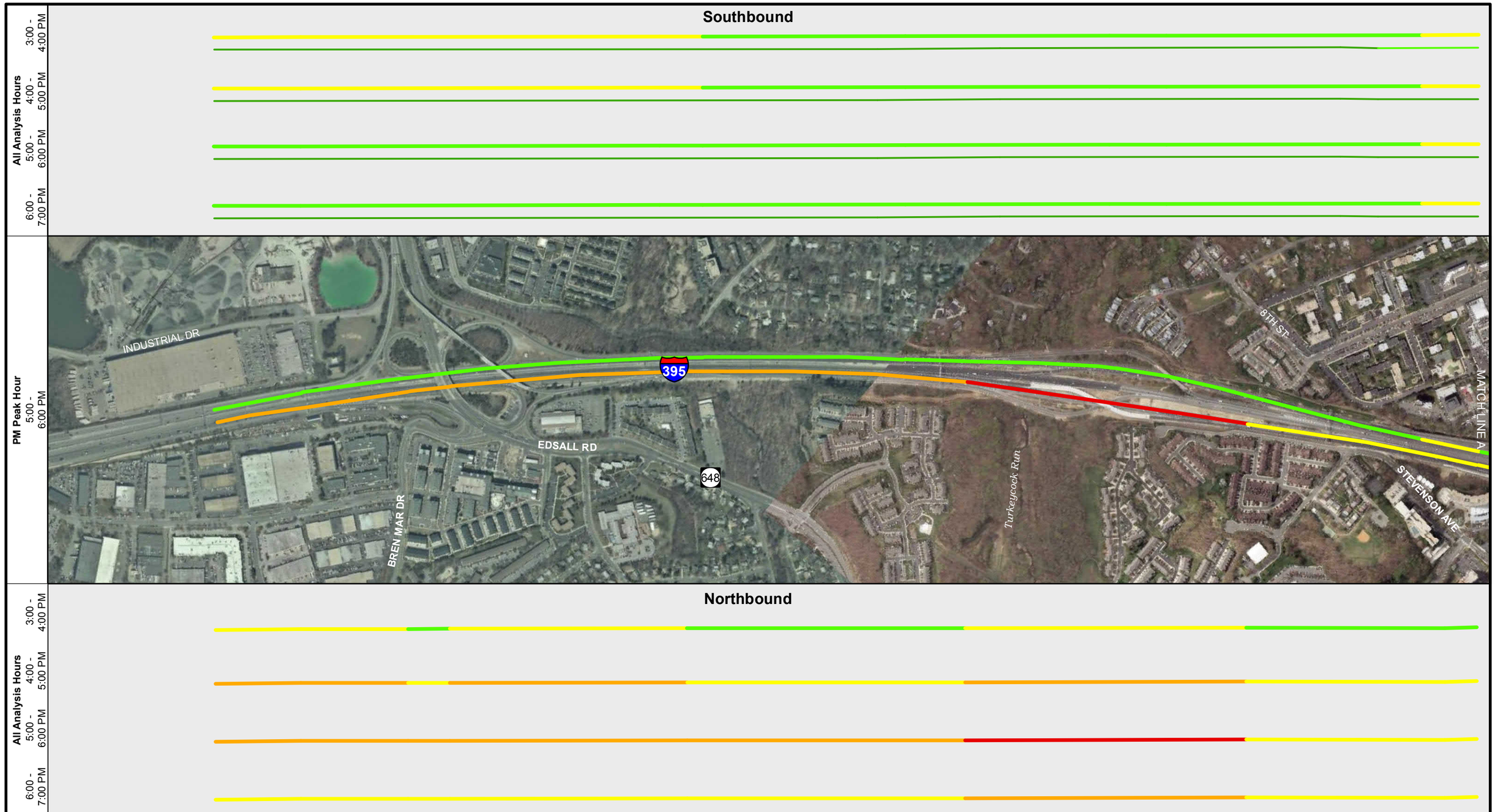
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)
- < 18
- 18-26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes





Build Conditions: Density

PM Peak Period

Page 1 of 5

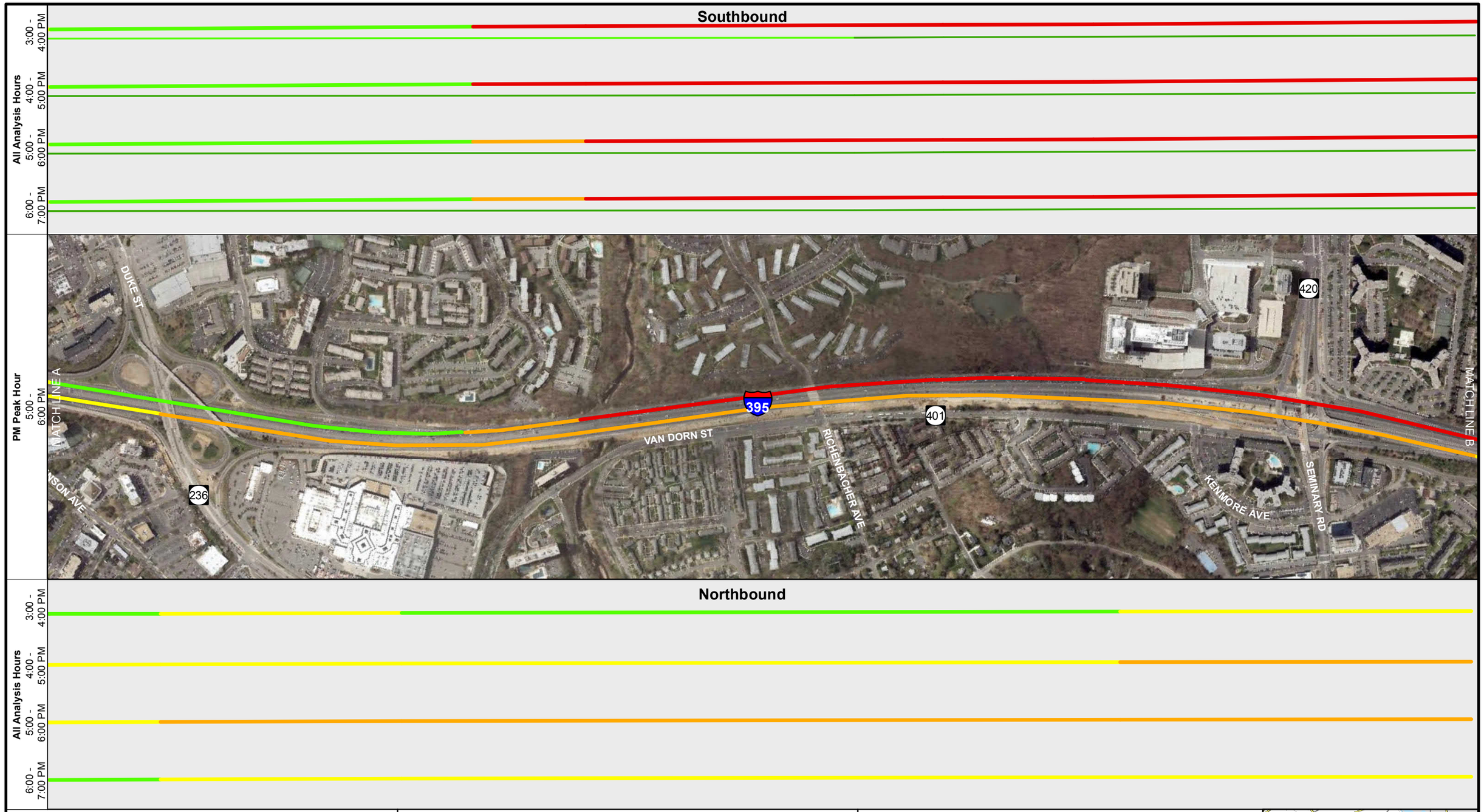
VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Density

PM Peak Period

Page 2 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

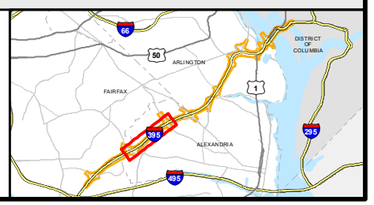
0 500 1,000 1,500 2,000 Feet

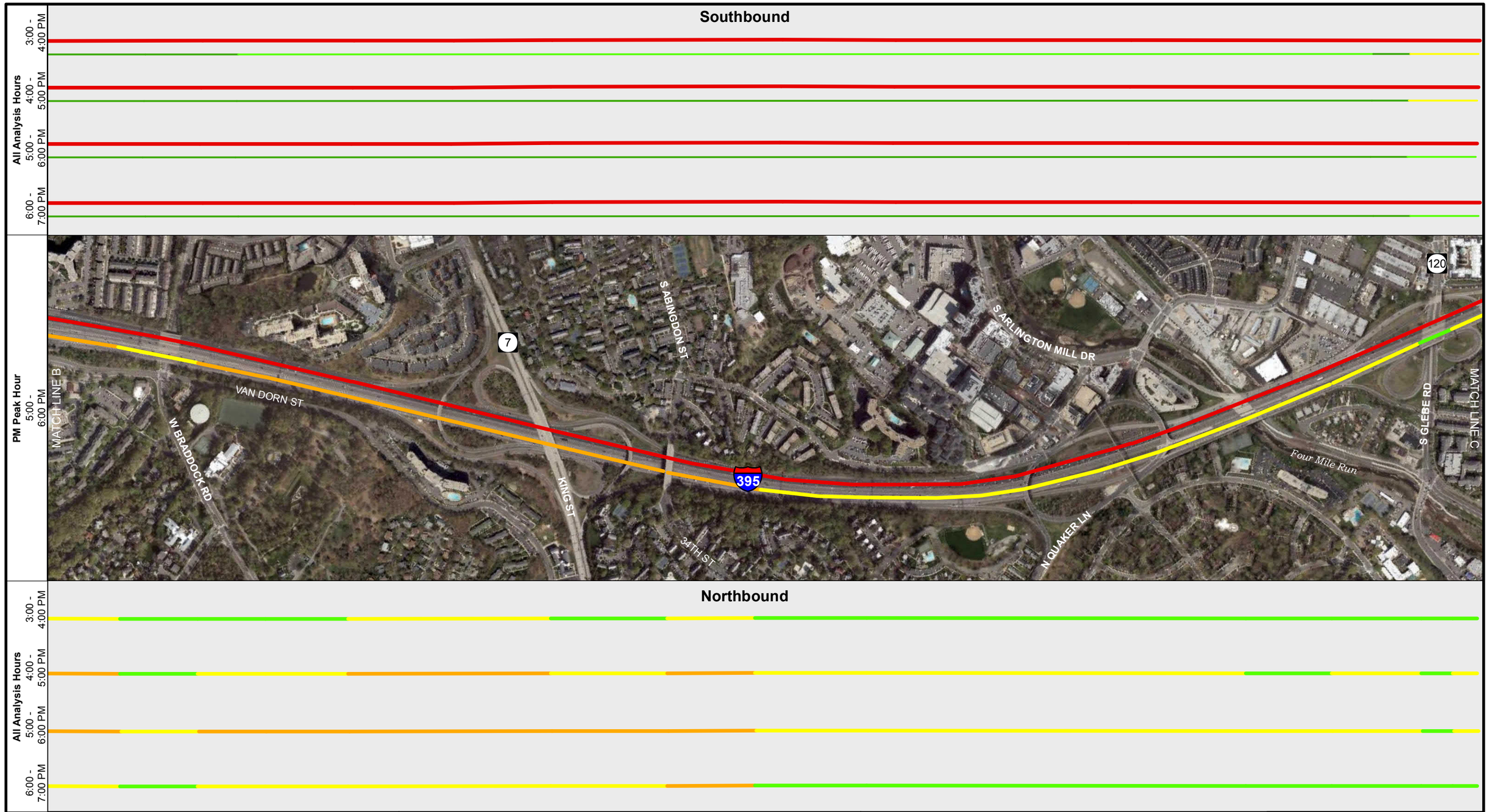
N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes





Build Conditions: Density

PM Peak Period

Page 3 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

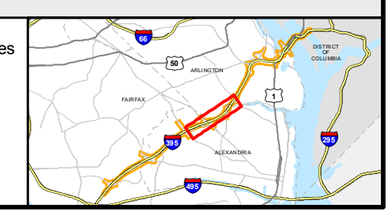
0 500 1,000 1,500 2,000 Feet

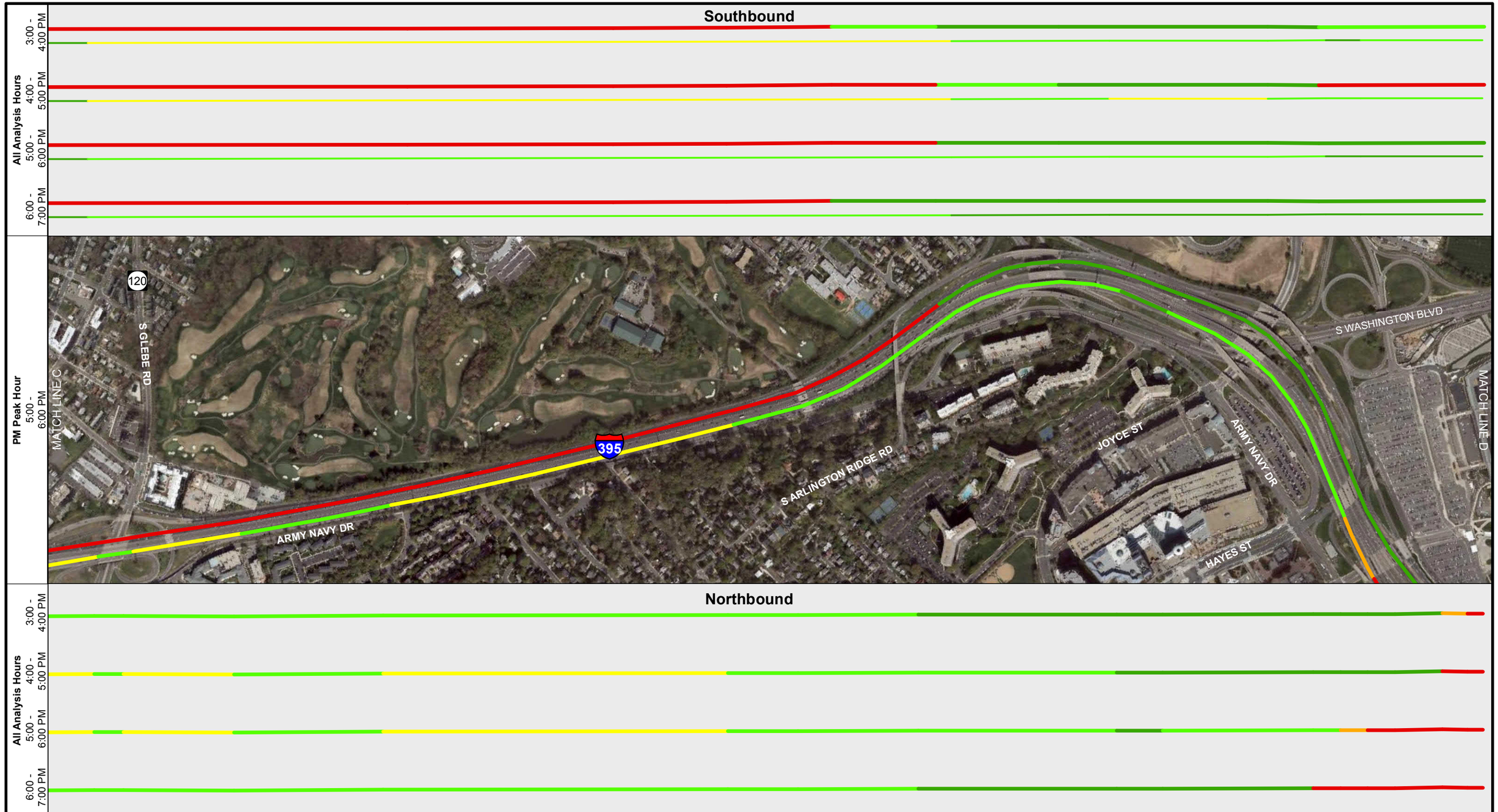
N

Average Density (veh/mi/ln)

- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes





Build Conditions: Density

PM Peak Period

Page 4 of 5

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

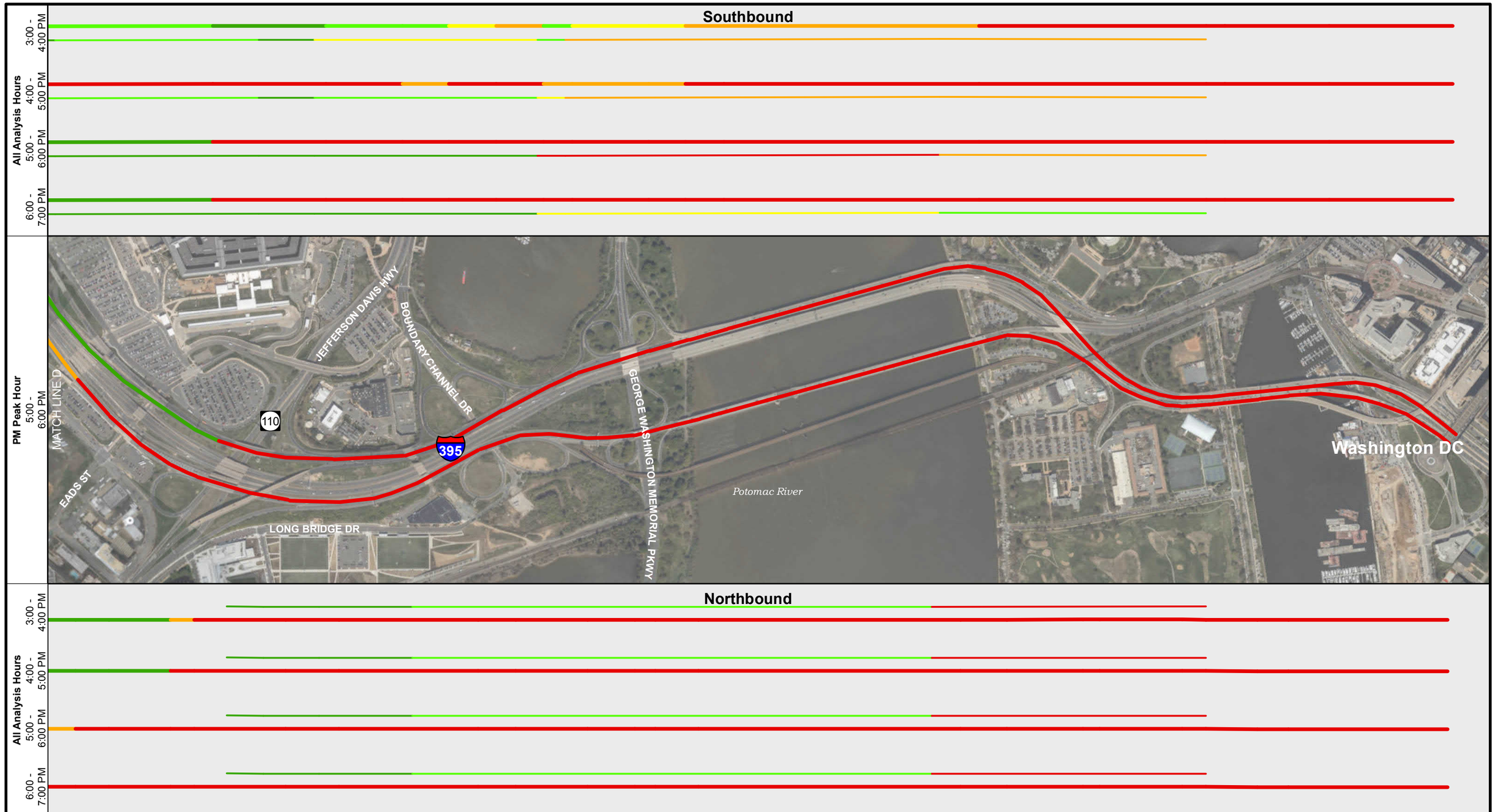
395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

- General Purpose Lanes
- HOV/HOT Lanes



Build Conditions: Density

PM Peak Period

VDOT Virginia Department of Transportation
I-395 Express Lanes
VDOT Project No. 0395-969-205, P101, UPC 108313

395 ExpressLanes

0 500 1,000 1,500 2,000 Feet

N

Average Density (veh/mi/ln)
- < 18
- 18 - 26
- 26 - 35
- 35 - 45
- > 45

General Purpose Lanes
HOV/HOT Lanes