



Sheet 1 of 11

Potential Impacts to Natural Resources:

TN State Line to I-81 Exit 32



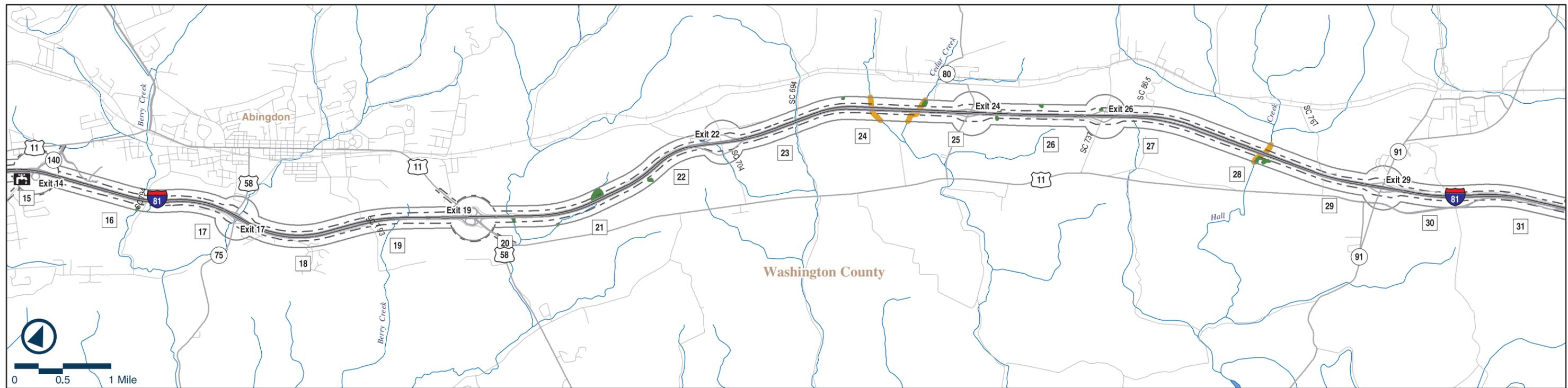
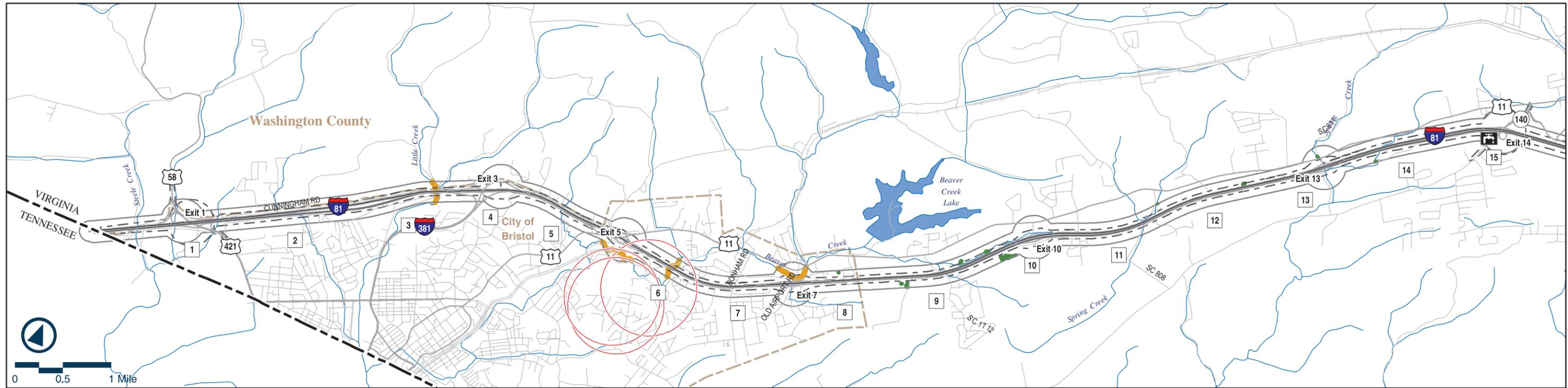
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TN State Line to I-81 Exit 32

Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	0.3	0.3	0.3	0.3
Streams (lf)	8,028	9,386	10,666	15,116
Trout Streams	3	3	4	4
T/E Species	0	0	1	1
<b>Drinking Water Facilities</b>				
Washington County Service Authority Pump	1	1	1	1

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.

Legend: (ac) = acres  
(lf) = linear feet



- # Milepost
- General Locations of Threatened and Endangered Species
- Streams Containing Threatened and Endangered Aquatic Species
- Impaired Streams
- Wetlands (Not to Scale)
- 100-Year Floodplain
- Public Wells/Springs
- Water Facilities
- Limits of Maximum Width Footprint
- Study Area

**GIS Source:**

Threatened and Endangered Species	VA Department of Game & Inland Fisheries, 2004
Threatened Streams	VA Department of Game & Inland Fisheries, 2004
Impaired Streams	VA Department of Environmental Quality, 2003
100-year Floodplain	FEMA, 2002 and VHB, 2004
Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



**Potential Impacts to Natural Resources**  
I-81 Study Area

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**I-81 CORRIDOR IMPROVEMENT STUDY**



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Potential Impacts to Natural Resources:

I-81 Exit 32 to Exit 60



Sheet 2 of 11

I-81 Exit 32 to Exit 60

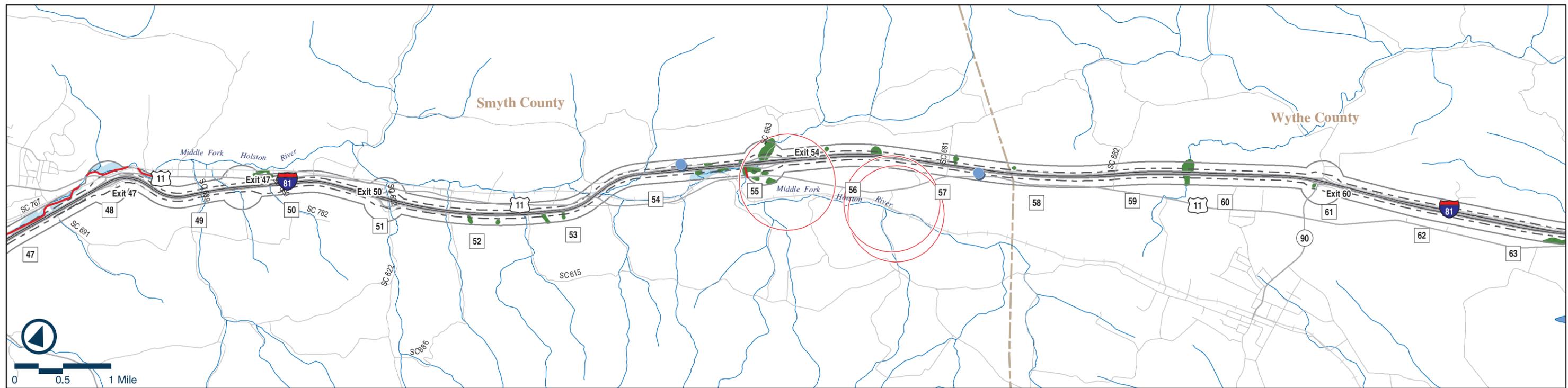
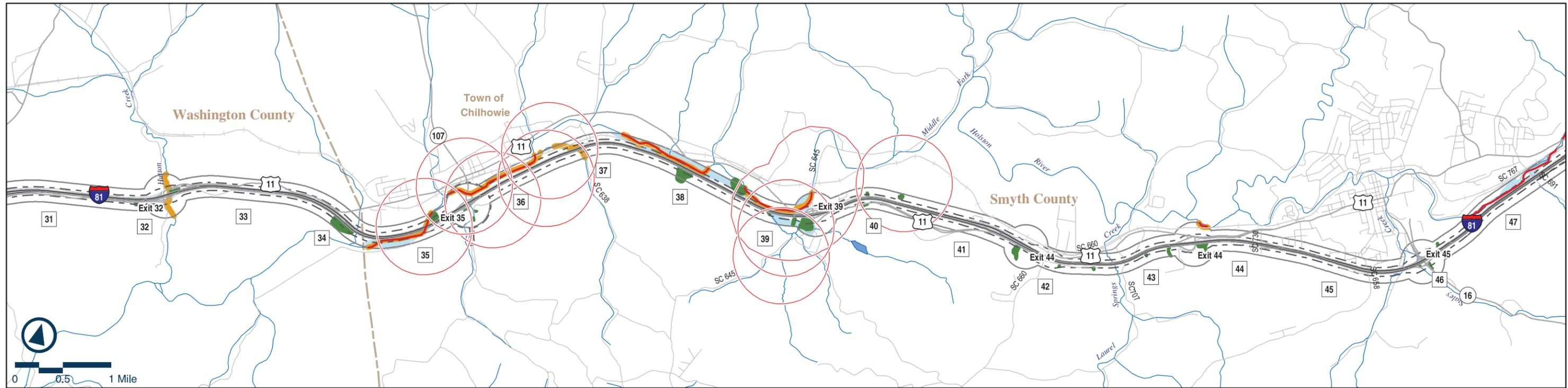
Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	7	7	7	12.7
Streams (lf)	17,476	17,476	17,476	28,604
Trout Streams	1	1	1	2
T/E Species	5	5	5	5
<b>100-Year Floodplain (ac)</b>				
Middle Fork Holston River	51.3	51.3	51.3	83.3
<b>Drinking Water Facilities</b>				
Town of Marion Pump	0	0	0	1
Public Wells	1	1	1	1

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.

Legend: (ac) = acres

(lf) = linear feet

T/E = Threatened and Endangered



- # Milepost
- General Locations of Threatened and Endangered Species
- Streams Containing Threatened and Endangered Aquatic Species
- Impaired Streams
- Wetlands (Not to Scale)
- 100-Year Floodplain
- Public Wells/Springs
- Water Facilities
- Limits of Maximum Width Footprint
- Study Area

**GIS Source:**

Threatened and Endangered Species	VA Department of Game & Inland Fisheries, 2004
Threatened Streams	VA Department of Game & Inland Fisheries, 2004
Impaired Streams	VA Department of Environmental Quality, 2003
100-year Floodplain	FEMA, 2002 and VHB, 2004
Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



## Potential Impacts to Natural Resources

I-81 Study Area

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**Potential Impacts to Natural Resources:**

**I-81 Exit 60 to Exit 94**

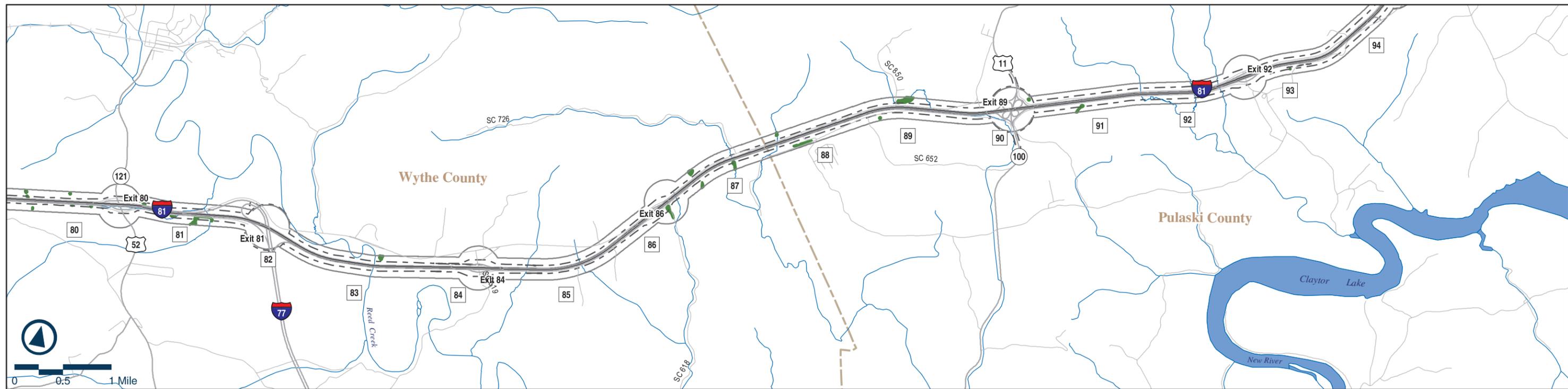
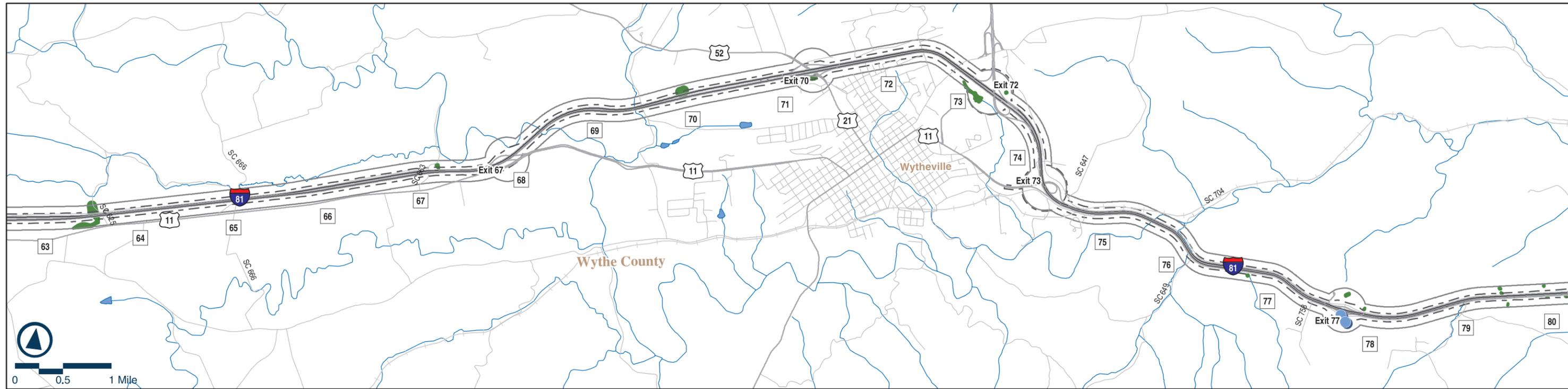


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I-81 Exit 60 to Exit 94

Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	1.8	2.2	1.8	3.1
Streams (lf)	21,869	23,693	21,856	25,455
<b>Drinking Water Facilities</b>				
Public Wells	1	1	1	1

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.  
Legend: (ac) = acres  
(lf) = linear feet



- # Milepost
- General Locations of Threatened and Endangered Species
- Streams Containing Threatened and Endangered Aquatic Species
- Impaired Streams
- Wetlands (Not to Scale)
- 100-Year Floodplain
- Public Wells/Springs
- Water Facilities
- Limits of Maximum Width Footprint
- Study Area

**GIS Source:**

Threatened and Endangered Species	VA Department of Game & Inland Fisheries, 2004
Threatened Streams	VA Department of Game & Inland Fisheries, 2004
Impaired Streams	VA Department of Environmental Quality, 2003
100-year Floodplain	FEMA, 2002 and VHB, 2004
Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



**Potential Impacts to Natural Resources**  
 I-81 Study Area

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**I-81 CORRIDOR IMPROVEMENT STUDY**



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Potential Impacts to Natural Resources:

I-81 Exit 94 to Exit 128



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I-81 Exit 94 to Exit 128

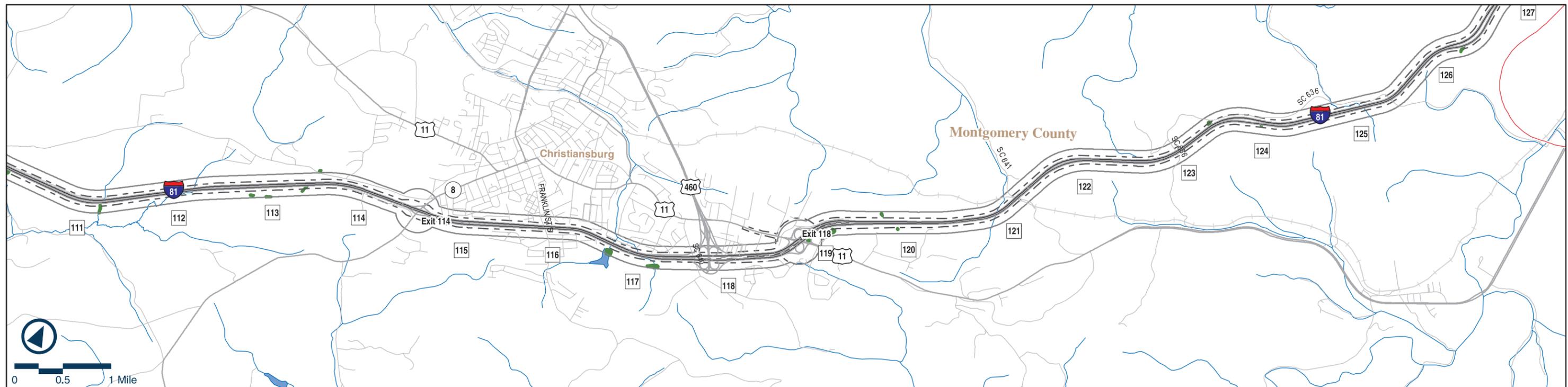
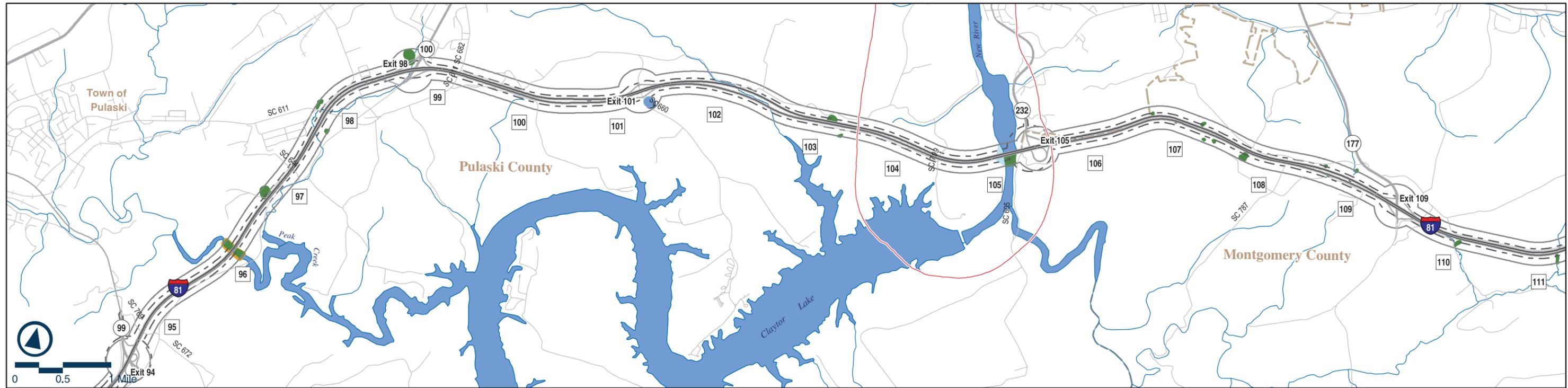
Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	0.5	1.4	0.5	1.5
Streams (lf)	5,039	10,658	4,672	10,659
T/E Species	3	3	3	3
<b>100-Year Floodplain (ac)</b>				
New River	15.5	19.2	15.4	19.2
<b>Water Facility</b>				
Public Wells	1	1	1	1
Claytor Lake	yes	yes	yes	yes

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.

Legend: (ac) = acres

(lf) = linear feet

T/E = Threatened and Endangered



- # Milepost
- General Locations of Threatened and Endangered Species
- Streams Containing Threatened and Endangered Aquatic Species
- Impaired Streams
- Wetlands (Not to Scale)
- 100-Year Floodplain
- Public Wells/Springs
- Water Facilities
- Limits of Maximum Width Footprint
- Study Area

**GIS Source:**

- Threatened and Endangered Species ..... VA Department of Game & Inland Fisheries, 2004
- Threatened Streams ..... VA Department of Game & Inland Fisheries, 2004
- Impaired Streams ..... VA Department of Environmental Quality, 2003
- 100-year Floodplain ..... FEMA, 2002 and VHB, 2004
- Public Wells/Springs ..... VA Department of Health, 2002
- Water Facilities ..... VDOT, 2003
- Wetlands ..... VHB, 2004



**Potential Impacts to Natural Resources**  
I-81 Study Area

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