



Sheet 9 of 11

Potential Impacts to Natural Resources:

I-81 Exit 251 to Exit 283



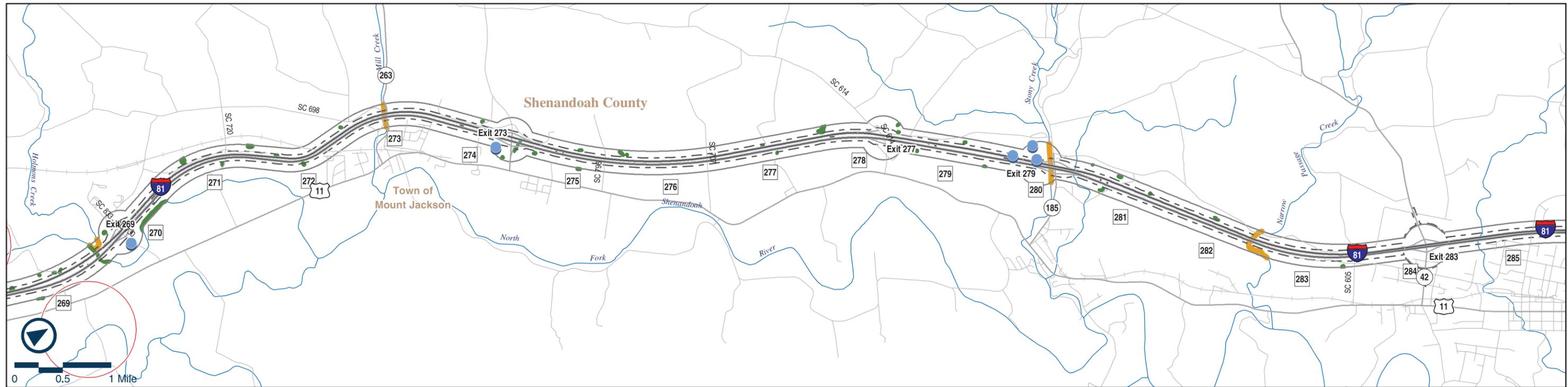
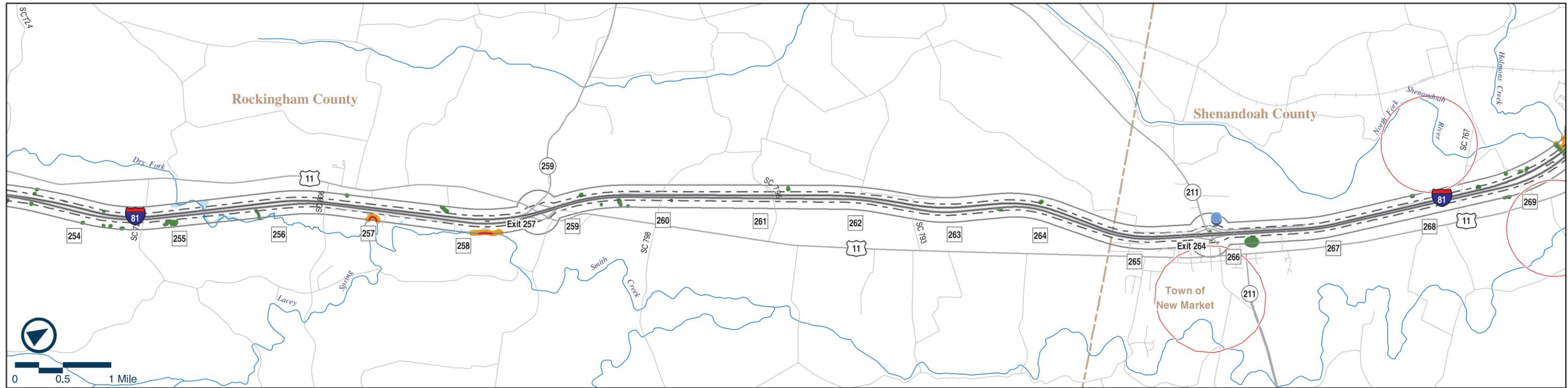
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I-81 Exit 251 to Exit 283

| Resource | Minimum Width | Maximum Width | Add 2-Lanes | Add 8-Lanes |
|----------------------------------|---------------|---------------|-------------|-------------|
| Wetlands (ac) | 0.4 | 0.4 | 0.4 | 1.2 |
| Streams (lf) | 3,004 | 3,395 | 2,880 | 3,950 |
| 100-Year Floodplain (ac) | | | | |
| Dry Fork | 18.2 | 22.2 | 18.2 | 22.2 |
| Drinking Water Facilities | | | | |
| Town of Mt. Jackson Pump | 1 | 1 | 1 | 1 |
| Public Wells | 2 | 2 | 2 | 2 |

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

Figure 5-8



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Potential Impacts to Natural Resources:

I-81 Exit 283 to Exit 310



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I-81 Exit 283 to Exit 310

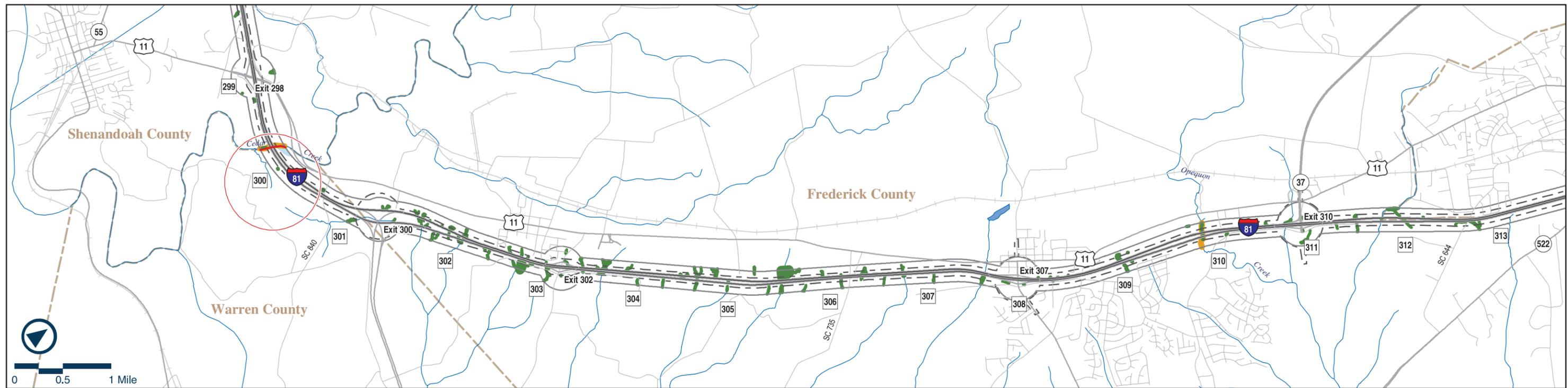
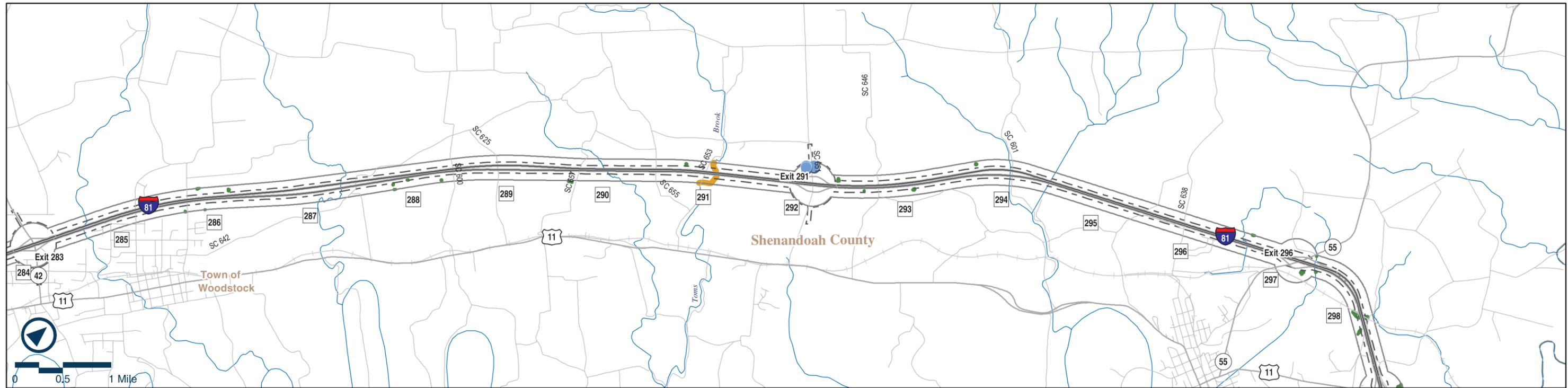
| Resource | Minimum Width | Maximum Width | Add 2-Lanes | Add 8-Lanes |
|----------------------------------|---------------|---------------|-------------|-------------|
| Wetlands (ac) | 9.4 | 13.9 | 9.2 | 13.9 |
| Streams (lf) | 3,425 | 4,268 | 3,222 | 4,268 |
| Trout Streams | 1 | 1 | 1 | 1 |
| T/E Species | 1 | 1 | 1 | 1 |
| Drinking Water Facilities | | | | |
| 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

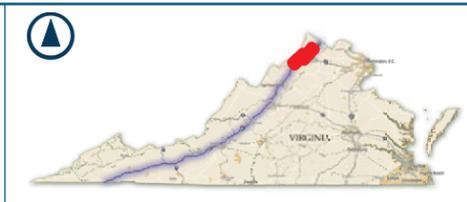
T/E = Threatened and Endangered



- # 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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I-81 CORRIDOR IMPROVEMENT STUDY



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Potential Impacts to Natural Resources:

I-81 Exit 310 to WV State Line



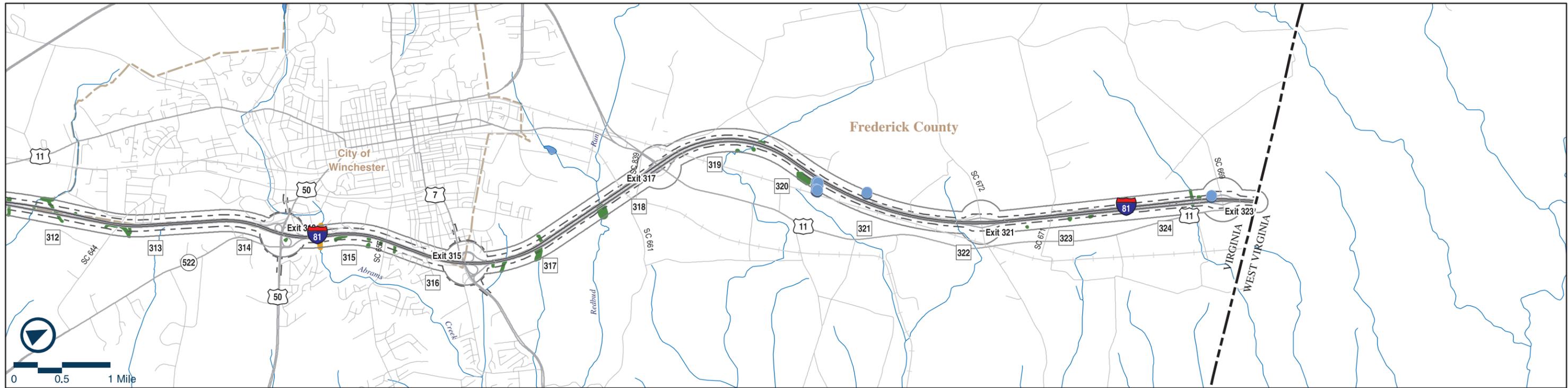
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I-81 Exit 310 to WV State Line

| Resource | Minimum Width | Maximum Width | Add 2-Lanes | Add 8-Lanes |
|----------------------------------|---------------|---------------|-------------|-------------|
| Wetlands (ac) | 2.7 | 4.4 | 2.7 | 5.2 |
| Streams (lf) | 2,706 | 3,490 | 2,650 | 3,884 |
| Trout Streams | 1 | 1 | 1 | 1 |
| Drinking Water Facilities | | | | |
| Public Wells | 2 | 2 | 2 | 2 |

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