Sheet 5 of 11

Potential Wetland and Stream Impacts: I-81 from Exit 128 to Exit 156

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Potential Wetland and Stream Impacts: I-81 from Exit 128 to Exit 141

	Exit 128 – Exit 132		Exit 132 – Exit 137		Exit 137 – Exit 140		Exit 140 – Exit 141		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)
No-Build	0	0	0	0	0	0	0	0	0	0
Minimum Width	0	2,282	0	4,345	0	3,474	0.2	3,257	0.2	13,358
Maximum Width	0.4	4,396	0	5,196	0	4,447	0.4	3,608	0.8	17,647
Add 2-Lanes	0	2,256	0	4,147	0	3,474	0.2	3,258	0.2	13,135
Add 8-Lanes	0.4	4,396	0	5,196	0	4,447	0.4	3,608	0.8	17,647

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

Potential Wetland and Stream Impacts: I-81 from Exit 141 to Exit 156

	Exit 141 – Exit 143		Exit 143 – Exit 146		Exit 146 – Exit 150		Exit 150 – Exit 156		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)
No-Build	0	0	0	0	0	0	0	0	0	0
Minimum Width	0	680	0	544	0.2	2,593	0	1,936	0.2	5,753
Maximum Width	0	939	0	1,005	0.2	3,013	0	2,806	0.2	7,763
Add 2-Lanes	0	655	0	514	0.2	2,514	0	1,888	0.2	5,571
Add 8-Lanes	0	939	0	1,005	0.2	3,013	0	2,806	0.2	7,763

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

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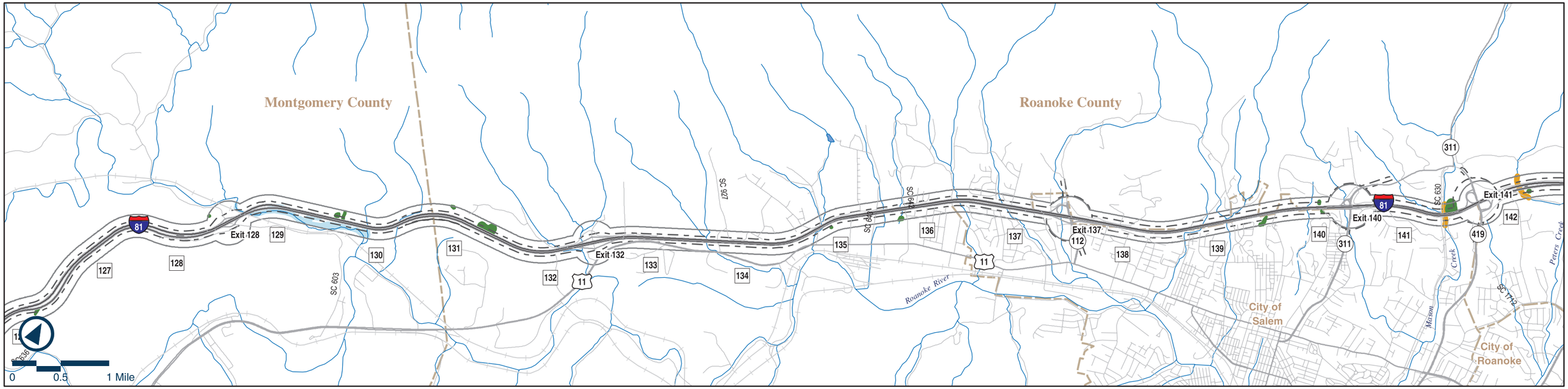

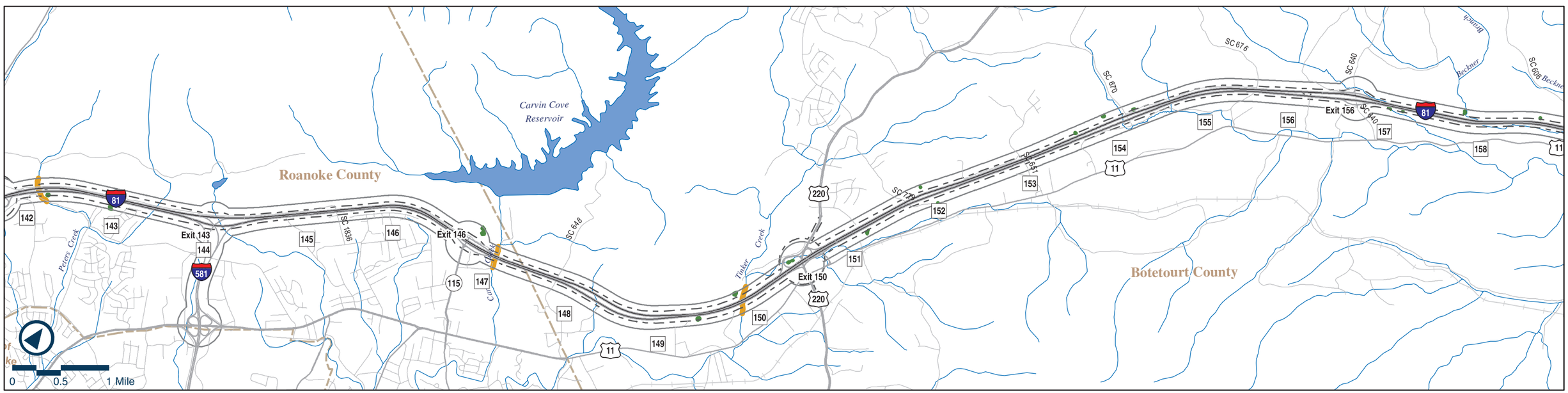

Milepost
Impaired Streams
Wetlands (Not to Scale)
Limits of Maximum Width Footprint
Study Area

GIS Source:

Impaired Streams ..... VA Department of Environmental Quality, 2003
Wetlands ..... VHB, 2004

Potential Impacts to Wetlands and Water Resources
I-81 Corridor

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I-81 CORRIDOR IMPROVEMENT STUDY

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Potential Wetland and Stream Impacts: I-81 from Exit 156 to Exit 188

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Potential Wetland and Stream Impacts: I-81 from Exit 156 to Exit 175

	Exit 156 – Exit 162		Exit 162 – Exit 167		Exit 167 – Exit 168		Exit 168 – Exit 175		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0	0	0
Minimum Width	0.1	6,607	0	3,085	0	1,554	0.2	1,831	0.3	13,077
Maximum Width	0.1	9,425	0	3,085	0	1,739	1.0	2,964	1.1	17,213
Add 2-Lanes	0.1	6,466	0	3,085	0	1,554	0.1	1,687	0.2	12,792
Add 8-Lanes	0.1	10,766	0	4,084	0	1,751	1.0	4,158	1.1	20,759

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

Potential Wetland and Stream Impacts: I-81 from Exit 175 to Exit 188

	Exit 175 – Exit 180		Exit 180 – Exit 188		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0
Minimum Width	0.1	2,333	0	2,712	0.1	5,045
Maximum Width	0.3	3,862	0	3,138	0.3	7,000
Add 2-Lanes	0.1	2,320	0	2,686	0.1	5,006
Add 8-Lanes	1.5	4,347	0	3,742	1.5	8,089

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

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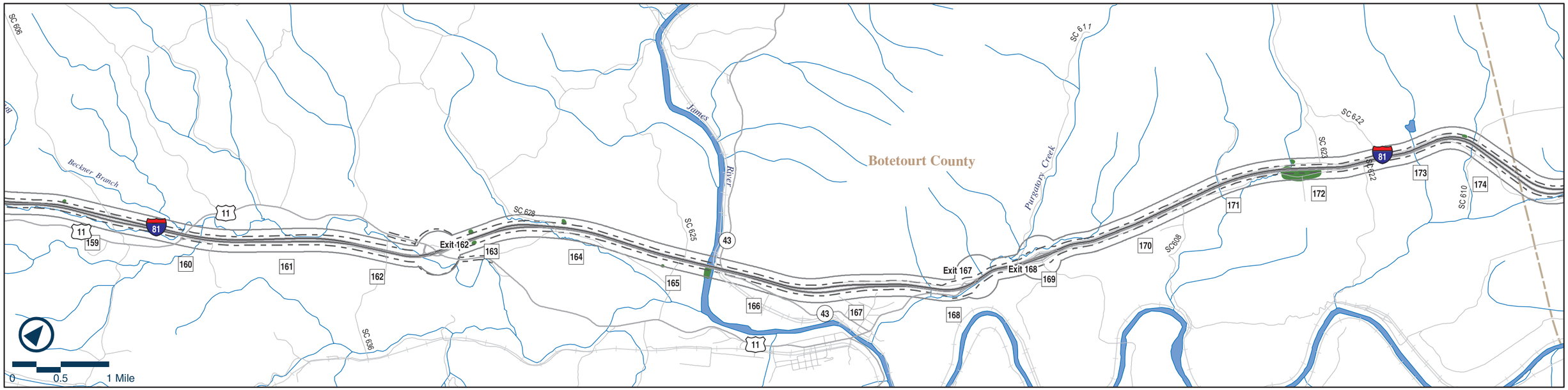
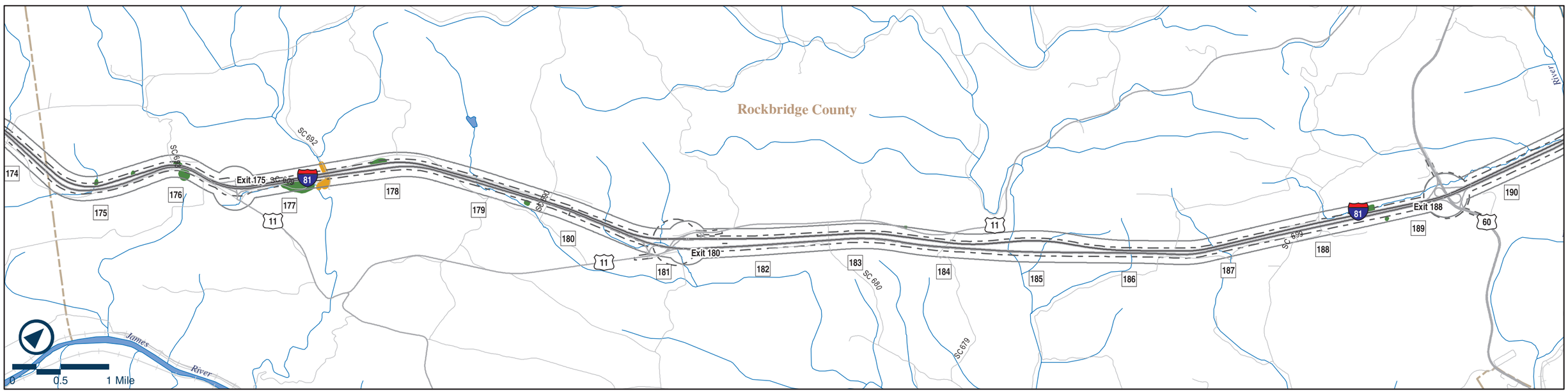
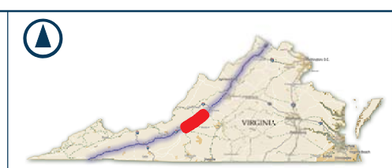




Milepost
Impaired Streams
Wetlands (Not to Scale)
Limits of Maximum Width Footprint
Study Area

GIS Source:

Impaired Streams ..... VA Department of Environmental Quality, 2003
Wetlands ..... VHB, 2004



Potential Impacts to Wetlands and Water Resources

I-81 Corridor

Sheet 6 of 11

Figure
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I-81 CORRIDOR IMPROVEMENT STUDY

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Potential Wetland and Stream Impacts: I-81 from Exit 188 to Exit 220

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Potential Wetland and Stream Impacts: I-81 from Exit 188 to Exit 205

	Exit 188 – Exit 191		Exit 191 – Exit 195		Exit 195 – Exit 200		Exit 200 – Exit 205		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0	0	0
Minimum Width	0	6,540	0.03	1,720	0.5	1,051	0	927	0.5	10,238
Maximum Width	0	6,556	0.4	2,404	2.6	2,023	0	1,232	3.0	12,215
Add 2-Lanes	0	6,566	0.03	1,704	0.5	995	0	903	0.5	10,168
Add 8-Lanes	0	10,344	0.4	2,404	2.6	2,023	0	1,232	3.0	16,003

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

Potential Wetland and Stream Impacts: I-81 from Exit 205 to Exit 220

	Exit 205 – Exit 213		Exit 213 – Exit 217		Exit 217 – Exit 220		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0
Minimum Width	0.1	2,057	0.3	261	0.6	504	1.0	2,822
Maximum Width	0.9	3,590	0.8	214	1.2	514	3.0	4,318
Add 2-Lanes	0.1	1,912	0.3	247	0.6	460	1.0	2,619
Add 8-Lanes	0.9	3,590	0.8	214	1.2	514	3.0	4,318

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

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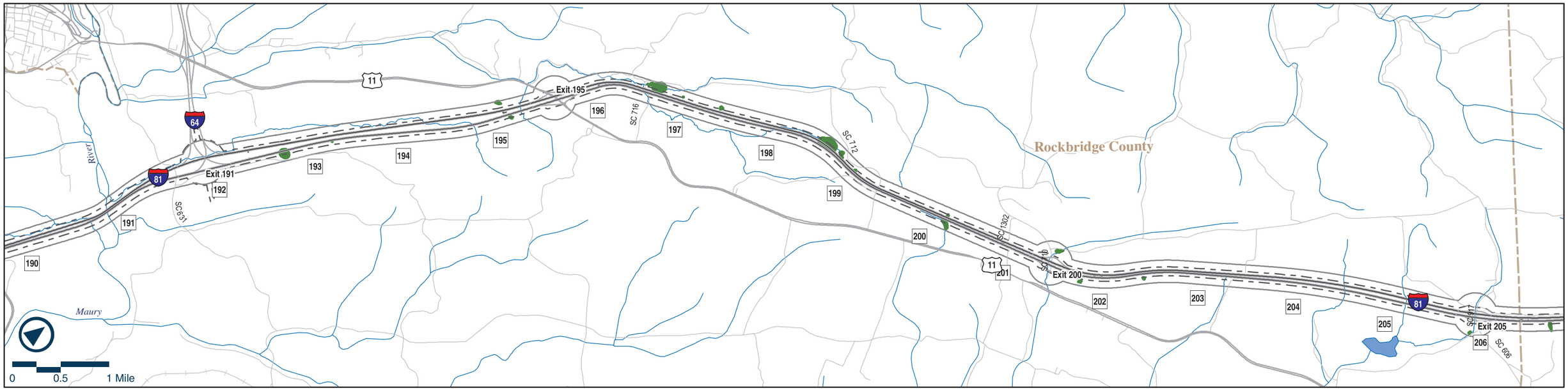

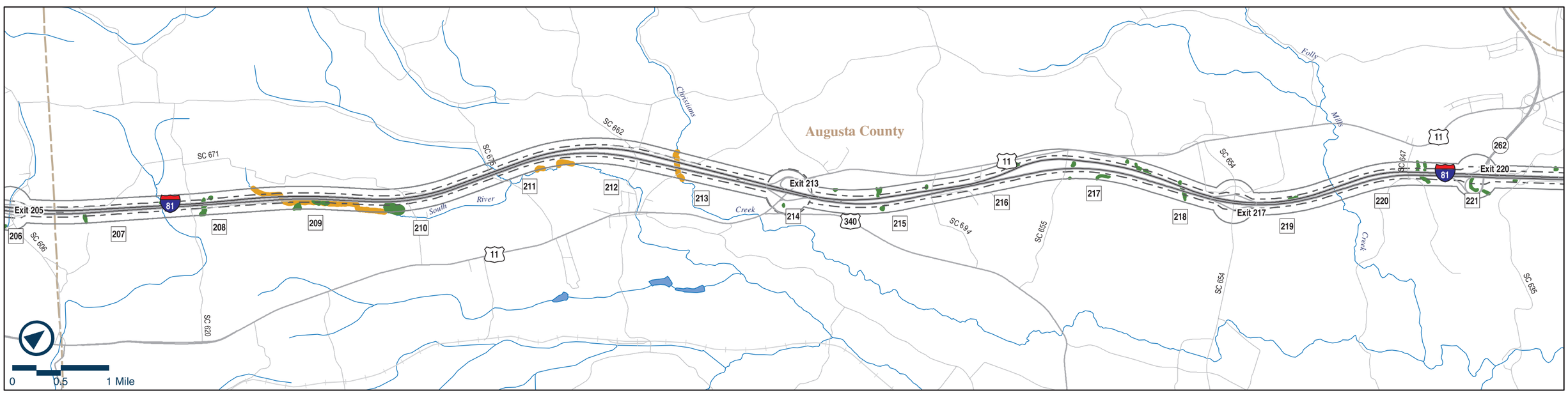

Milepost
Impaired Streams
Wetlands (Not to Scale)
Limits of Maximum Width Footprint
Study Area

GIS Source:

Impaired Streams ..... VA Department of Environmental Quality, 2003
Wetlands ..... VHB, 2004

Potential Impacts to Wetlands and Water Resources
I-81 Corridor

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I-81 CORRIDOR IMPROVEMENT STUDY

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Potential Wetland and Stream Impacts: I-81 from Exit 220 to Exit 251

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Potential Wetland and Stream Impacts: I-81 from Exit 220 to Exit 235

	Exit 220 – Exit 221		Exit 221 – Exit 222		Exit 222 to Exit 225		Exit 225 – Exit 227		Exit 227 – Exit 235		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Width	1.4	2,454	3.0	376	0.5	1,503	0.1	762	0.3	1,695	5.3	6,790
Maximum Width	1.5	2,501	4.7	1,252	1.3	4,344	0.4	376	1.1	2,338	9.0	10,811
Add 2-Lanes	1.4	2,454	3.0	376	0.5	1,422	0.1	736	0.3	1,592	5.3	6,580
Add 8-Lanes	1.5	2,501	4.7	1,252	1.3	4,344	0.4	976	1.1	2,338	9.0	11,411

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

Potential Wetland and Stream Impacts: I-81 from Exit 235 to Exit 251

	Exit 235 – Exit 240		Exit 240 – Exit 243		Exit 243 – Exit 245		Exit 245 – Exit 247		Exit 247 – Exit 251		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Width	0.1	717	0.03	462	0.7	1,733	1.0	541	1.1	0	2.9	3,453
Maximum Width	0.3	987	0.03	674	0.7	1,733	1.0	541	1.1	0	3.1	3,935
Add 2-Lanes	0.1	655	0.03	457	0.7	1,733	1.0	541	1.1	0	2.9	3,386
Add 8-Lanes	0.3	987	0.03	674	1.1	2,280	1.0	541	1.3	0	3.7	4,482

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

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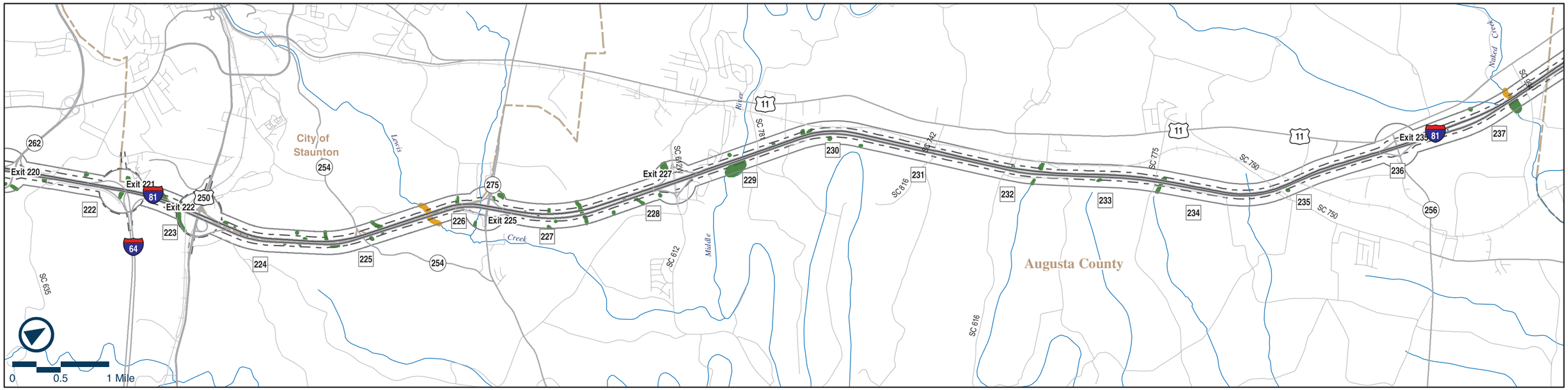

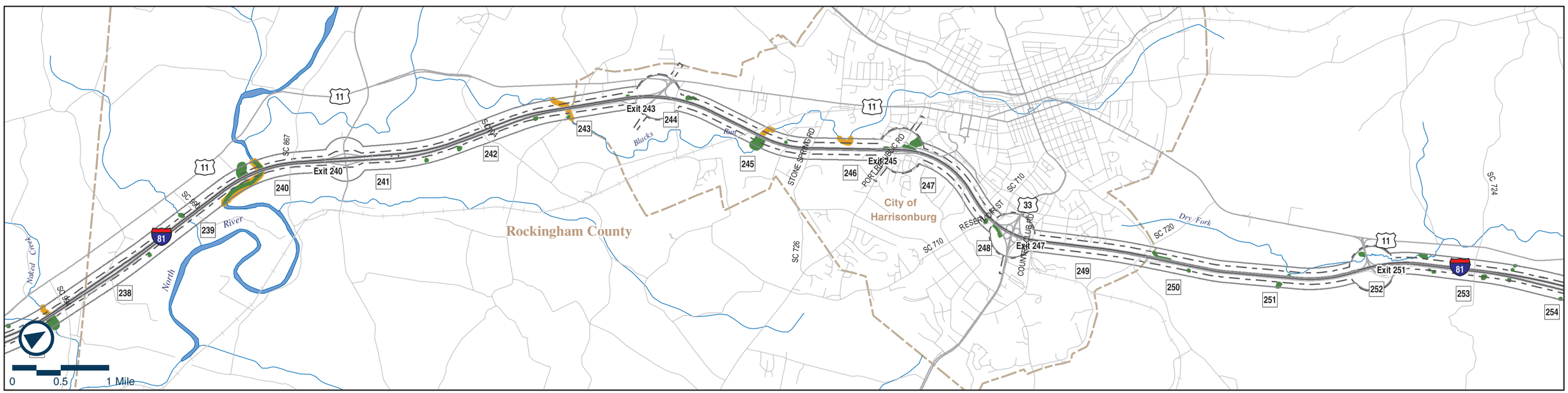

Milepost
Impaired Streams
Wetlands (Not to Scale)
Limits of Maximum Width Footprint
Study Area

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Impaired Streams ..... VA Department of Environmental Quality, 2003
Wetlands ..... VHB, 2004

Potential Impacts to Wetlands and Water Resources
I-81 Corridor

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I-81 CORRIDOR IMPROVEMENT STUDY

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Potential Wetland and Stream Impacts: I-81 from Exit 251 to Exit 283

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Potential Wetland and Stream Impacts: I-81 from Exit 251 to Exit 269

	Exit 251– Exit 257		Exit 257 – Exit 264		Exit 264 to Exit 269		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0
Minimum Width	0	749	0.1	0	0.1	530	0.2	1,279
Maximum Width	0.1	904	0.1	0	0.1	530	0.2	1,434
Add 2-Lanes	0	687	0.1	0	0.1	530	0.2	1,217
Add 8-Lanes	0.1	904	0.3	0	0.2	861	0.6	1,765

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

Potential Wetland and Stream Impacts: I-81 from Exit 269 to Exit 283

	Exit 269 – Exit 273		Exit 273 – Exit 277		Exit 277 – Exit 279		Exit 279 – Exit 283		Total	
Concept	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)	ST (lf)	WT (ac)[1]	ST (lf)[1]
No-Build	0	0	0	0	0	0	0	0	0	0
Minimum Width	0.1	428	0.1	226	0	754	0	319	0.2	1,727
Maximum Width	0.1	521	0.1	226	0	818	0	296	0.2	1,861
Add 2-Lanes	0.1	404	0.1	226	0	741	0	292	0.2	1,663
Add 8-Lanes	0.3	542	0.3	353	0	894	0	396	0.6	2,185

1 Total potential impacts are for I-81 only; they do not include potential rail impacts.

WT (ac) = Wetlands (Acres)
ST (lf) = Streams (Linear Feet)

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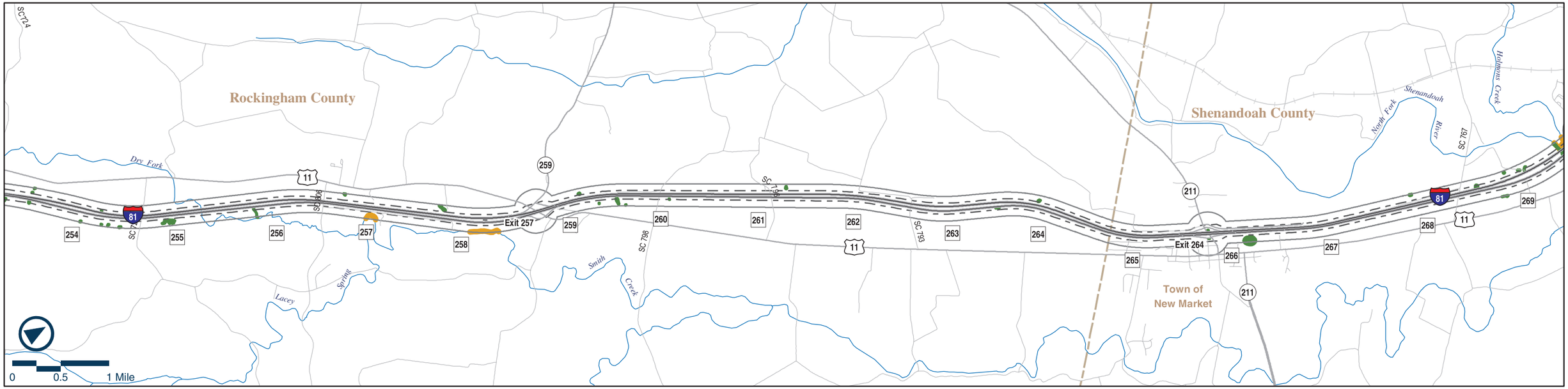
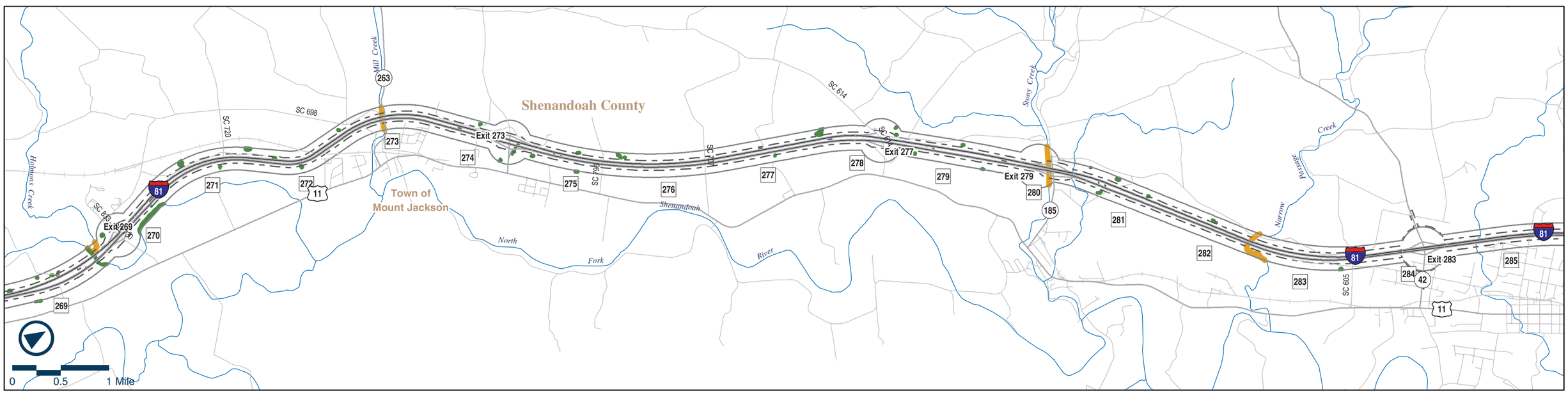
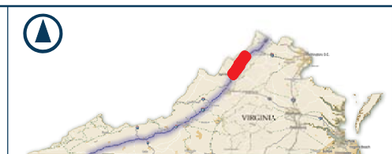




Milepost
Impaired Streams
Wetlands (Not to Scale)
Limits of Maximum Width Footprint
Study Area

GIS Source:

Impaired Streams ..... VA Department of Environmental Quality, 2003
Wetlands ..... VHB, 2004



Potential Impacts to Wetlands and Water Resources

I-81 Corridor

Sheet 9 of 11

Figure
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I-81 CORRIDOR IMPROVEMENT STUDY