Route 220 Arterial Preservation Plan - Recommendations (November 2019)

The following pages represent the recommendations resulting from a comprehensive transportation of the Route 220 corridor from Southern Lane in Roanoke County to the North Carolina state line. A map key can be found on the next two pages.

More information about the Arterial Preservation Program can be found at:
http://www.virginiadot.org/programs/vdot_arterial_preservation_program.asp
1. Route 220 at Crossover north of North Carolina State Line
   - Improve turn lanes to standard

2. Route 220 at Crossover south of Reservoir Road
   - Consolidate and improve access spacing of crossover

3. Route 220 at Reservoir Road
   - Lengthen southbound and eastbound right turn lanes

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Roadway, Intersection, & Median Crossover Recommendations

4. Route 220 at Dalton Circle
   - Improve turn lanes to standard
   - Construct northbound right turn lane

5. Route 220 at Crossover north of Dalton Circle
   - Consolidate and improve access spacing of crossover

6. Route 220 at Crossover south of White House Road
   - Improve turn lanes to standard

7. Route 220 at White House Road
   - Construct southbound right turn lane

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

LEGEND

# Intersection Number
Emerging Intersection

# Existing Deficiency

Geometry
Future Development
Safety

Access Management
Traffic Operations

US 220 Arterial Preservation Plan
Figure 2
Henry County
8. Route 220 at Crossover north of Matrimony Creek Road
   - Construct northbound and southbound U-turn lanes

9. Route 220 at Crossover north of Intersection 8
   - Consolidate and improve access spacing of crossover

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
10. Route 220 at Lee Ford Camp Road/Church Street
   - Remove Church Street (westbound) left turn and through movements
   - Remove southbound Route 220 left turn movement into Church Street

11. Route 220 at Morehead Avenue
   - Construct signalized Continuous Green-T intersection with southbound acceleration lane

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
Route 220 at Morehead Avenue

Recommendation: Signalized Continuous Green-T

Implementation: Mid-Term (4-10 Years)
12. Route 220 south of railroad overpass
- Relocate “Signal Ahead” signs further north on southbound Route 220

13. Route 220 north of railroad overpass
- Install “Signal Ahead” signs on northbound Route 220

14. Route 220 at Soapstone Road
- Remove eastbound and westbound through movements and signal phases

15. Route 220 at Andra Drive
- Construct northbound left/U-turn lane and southbound U-turn lane

16. Route 220 at Parker Compton Place
- Consolidate and improve access spacing of crossover

17. Route 220 north of Parker Compton Place
- Install “Signal Ahead” signs on northbound Route 220

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Route 220 at Soapstone Road

Recommendation: Through-Cut

Timeframe: Mid-Term (4-10 Years)
Roadway, Intersection, & Median Crossover Recommendations

18. Route 220 at Water Plant Road
   - Remove eastbound and westbound through movements and signal phases

19. Route 220 north of Water Plant Rd
   - Install “Signal Ahead” signs on southbound Route 220

Segment 1: Route 220 from Mica Road to east of Mica Road
   - Consolidate and improve access spacing of crossovers and driveways on northbound and southbound Route 220

20. Route 220 at Covington Lane
   - Improve turn lanes to standard

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
Route 220 at Water Plant Road

Recommendation: Through-Cut

Implementation: Mid-Term (4-10 Years)
Roadway, Intersection, & Median Crossover Recommendations

21. Route 220 at Crossover south of Shamrock Drive
   - Consolidate and improve access spacing of crossover

22. Route 220 at Shamrock Drive
   - Consolidate and improve access spacing of crossover

23. Route 220 at Marrowbone Circle
   - Improve turn lanes to standard
   - Construct northbound left/U-turn lane

24. Route 220 south of Villa Road
   - Install “Flashing When Signal is Red” signs on northbound Route 220

25. Route 220 at Villa Road
   - Consolidate and improve access spacing of crossover

26. Route 220 at William F Stone Highway (Route 58) Eastbound Ramps
   - Install additional signage and signal heads for conspicuity

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

US 220 Arterial Preservation Plan
Figure 7
Henry County
27. Route 220 at Dyer Street
   - Remove eastbound and westbound through movements and signal phases

28. Route 220 at Townsend Drive
   - Consolidate and improve access spacing of crossover

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
Route 220 at Dyer Street

Recommendation: Through-Cut

Implementation: Short-Term (1-3 Years)
29. Route 220 at Timberlane Drive
- Consolidate and improve access spacing of crossover

30. Route 220 at Westdale Drive/Tower Road
- Improve turn lanes to standard

31. Route 220 at White Tail Lane
- Improve turn lanes to standard

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
32. Route 220 at Crossover south of Double Branch Road
- Improve turn lanes to standard

33. Route 220 at Crossover north of Double Branch Road
- Consolidate and improve access spacing of crossover

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
34. Route 220 at Crossover south of Reed Creek Drive
   • Improve turn lanes to standard

35. Route 220 at Rockwood Park Road
   • Consolidate and improve access spacing of driveway

35. Route 220 at Horsley Road
   • Improve turn lanes to standard

Roadway
   • Flatten curvature along Route 220
   • Install rumble strips
   • Install guardrail
   • Construct paved shoulders
   • Improve sign consistency
   • Increase sign conspicuity
   • Install advanced curve warning signs

LEGEND

# Intersection Number
# Emerging Intersection

Existing Deficiency

Geometry
Access Management
Future Development
Safety
Traffic Operations

US 220 Arterial Preservation Plan
Figure 11
Henry County

VDOT ARTERIAL PROGRAM
Roadway, Intersection, & Median Crossover Recommendations

37. Route 220 at Crossover near Mountain Top Court
   - Improve turn lanes to standard

38. Route 220 at Crossover north of Mountain Top Court
   - Consolidate and improve access spacing of crossover

39. Route 220 at Crossover south of Little Creek Drive
   - Consolidate and improve access spacing of crossover

40. Route 220 at Little Creek Drive
   - Improve turn lanes to standard
   - Construct southbound U-turn lane

41. Route 220 at Crossover north of Little Creek Drive
   - Consolidate and improve access spacing of crossover

42. Route 220 at Crossover north of Crossover location 41
   - Construct northbound and southbound left/U-turn lanes

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

LEGEND

# Intersection Number
Emerging Intersection

Existing Deficiency

Geometry
Access Management
Future Development
Traffic Operations
Safety

US 220 Arterial Preservation Plan
Figure 12
Henry County
43. Route 220 at Oak Level Road
   - Improve turn lanes to standard

44. Route 220 at Oak Forest Road
   - Improve turn lanes to standard

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
45. Route 220 at Orchard Acres Road
- Consolidate and improve access spacing of crossover

46. Route 220 at Country Ridge Road
- Construct right in/right out with southbound left turn into Country Ridge Road

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
47. Route 220 at Crossover south of Henry Road
   • Construct northbound left/U-turn lane

48. Route 220 at Henry Road
   • Construct unsignalized Seagull with northbound acceleration lane
   • Realign and widen northbound left turn lane

49. Route 220 at Crossover near Orchid Lane
   • Consolidate and improve access spacing of crossover

Roadway
   • Flatten curvature along Route 220
   • Install rumble strips
   • Install guardrail
   • Construct paved shoulders
   • Improve sign consistency
   • Increase sign conspicuity
   • Install advanced curve warning signs
Route 220 at Henry Road

Recommendation: Unsignalized Continuous Green-T

Implementation: Mid-Term (4-10 Years)
50. Route 220 at Brookledge Lane
- Construct northbound and southbound left/U-turn lanes

51. Route 220 at Fork Mountain Road
- Improve turn lanes to standard

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
52. Route 220 at Crossover south of Sarah Lane
   - Improve turn lanes to standard

53. Route 220 at Crossover north of Sarah Lane
   - Consolidate and improve access spacing of crossover

54. Route 220 at Muddy Fork Road
   - Improve turn lanes to standard

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
55. Route 220 Crossover north of Bowie Lane
- Consolidate and improve access spacing of crossover

56. Route 220 at Crossover north of Intersection 55
- Construct northbound U-turn lane and southbound left/U-turn lane

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
57. Route 220 at McNeil Mill Road

- Construct right in/right out with southbound left turn into McNeil Mill Road

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
58. Route 220 at Crossover near Aviators Circle
- Improve turn lane to standard
- Construct northbound U-turn lane

59. Route 220 at Goose Dam Road
- Improve turn lanes to standard

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
60. Route 220 at Crossover east of Glen Drive
- Consolidate and improve access spacing of crossover

61. Route 220 at Fishburn Mountain Road
- Improve turn lane to standard
- Construct northbound left/U-turn lane

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
62. Route 220 at Crossover north of Windy Ridge Road
- Consolidate and improve access spacing of crossover

63. Route 220 at Crossover north of Crossover location 62
- Consolidate and improve access spacing of crossover

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

LEGEND
- Intersection Number
- Emerging Intersection
- Geometry
- Access Management
- Future Development
- Traffic Operations
- Safety

US 220 Arterial Preservation Plan
Figure 22
Franklin County

VDOT ARTERIAL PROGRAM
64. Route 220 at Commerce Road
- Lengthen northbound acceleration lane to standard

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

LEGEND

# Intersection Number
Emerging Intersection

Geometry
Future Development
Safety
Access Management
Traffic Operations

US 220 Arterial Preservation Plan
Figure 23
Franklin County

VDOT ARTERIAL PROGRAM
65. Route 220 at Crossover south of Willow Creek Road
- Improve turn lane to standard
- Construct northbound left/U-turn lane

66. Route 220 Proposed Crossover north of Willow Creek Road
- Construct southbound left/U-turn lane with a northbound loop

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Roadway, Intersection, & Median Crossover Recommendations

67. Route 220 at Pleasant Hill Road
- Construct unsignalized Restricted Crossing U-Turn

68. Route 220 at Sontag Road/Cassell Drive
- Remove eastbound and westbound through movements and signal phases
- Construct westbound right turn lane

69. Route 220 at Crossover north of Sontag Road/Cassell Drive
- Construct northbound left/U-turn lane
- Construct right in/right out with northbound left turn into driveway

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Route 220 at Pleasant Hill

Recommendation: Restricted Crossing U-Turn
Implementation: Short-Term (1-3 Years)
Cost: Funded

Route 220 at Cassell Road/Sontag Road

Recommendation: Through-Cut
Implementation: Short-Term (1-3 Years)
70. Route 220 at Cornell Road/Frontage Road
- Consolidate and improve access spacing of crossover

Segment 2: Route 220 from Glen Meadow Drive to north of Wooddale Drive
- Consolidate and improve access spacing of crossovers and driveways

71. Route 220 at Wooddale Drive
- Improve turn lanes to standard
- Construct northbound left/U-turn lane
- Remove existing “No U-Turn” signs

72. Route 220 at Mitchell Lane
- Consolidate and improve access spacing of crossover

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Roadway, Intersection, & Median Crossover Recommendations

73. Route 220 at Crossover south of Leffie Lane
   - Consolidate and improve access spacing of crossover

Segment 3: Route 220 from south of Leffie Lane to Leffie Lane
   - Consolidate and improve access spacing of crossovers and driveways

74. Route 220 at Crossover north of Leffie Lane
   - Improve turn lanes to standard

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
Roadway, Intersection, & Median Crossover Recommendations

75. Route 220 at Bonbrook Mill Road
   - Consolidate and improve access spacing of crossover

76. Route 220 at Crossover north of Bonbrook Mill Road
   - Construct median opening with northbound and southbound left/U-Turn lanes

77. Route 220 at Crossover north of Price Lane
   - Consolidate and improve access spacing of crossover

78. Route 220 at Crossover north of Intersection 77
   - Consolidate and improve access spacing of crossover

79. Route 220 at Crossover north of Intersection 78
   - Construct median opening with southbound U-turn lane

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
80. Route 220 at Iron Ridge Road
   • Construct unsignalized Restricted Crossing U-Turn

81. Route 220 at Crossover north of Iron Ridge Road
   • Construct northbound left/U-turn lane
   • Construct southbound loop and acceleration lane

Segment 4: Route 220 from west of Town and Country Drive to west of Wescott Road/Shepherd Drive
   • Consolidate and improve access spacing of crossovers and driveways

82. Route 220 at Wescott Road
   • Consolidate and improve access spacing of crossover

83. Route 220 at Wirtz Road/ Virginia Market Place Drive
   • Remove eastbound and westbound through movements and signal phases

Roadway
   • Flatten curvature along Route 220
   • Install rumble strips
   • Install guardrail
   • Construct paved shoulders
   • Improve sign consistency
   • Increase sign conspicuity
   • Install advanced curve warning signs

**LEGEND**

- Intersection Number
- Emerging Intersection
- Geometry
- Access Management
- Future Development
- Traffic Operations
- Safety

**US 220 Arterial Preservation Plan**
**Figure 29**
Franklin County
Route 220 at Iron Ridge Road

**Recommendation:** Restricted Crossing U-Turn

**Implementation:** Long-Term (11+ Years)

Route 220 at Wirtz Road

**Recommendation:** Through-Cut

**Implementation:** Short-Term (1-3 Years)
84. Route 220 at Crossover south of Link Street

- Construct 2-phase signalized intersection
- Construct northbound left turn lane
- Construct southbound right turn lane
- Construct right in/right out on eastbound approach

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
85. Route 220 at Ellwood Wray Drive
- Construct 2-phase signalized intersection
- Construct southbound right turn lane
- Construct right and left turns on eastbound approach

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Route 220 at Proposed Summit View Development

Recommendation: 2-Phase Signalized Intersections

Implementation: Short-Term (1-3 Years)
86. Route 220 at Taylors Road
   - Improve turn lanes to standard

87. Route 220 at Crossover north of Taylors Road
   - Improve turn lanes to standard

88. Route 220 at Burgess Road
   - Consolidate and improve access spacing of crossover

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs

LEGEND

 UsaIcon

# Intersection Number
Emerging Intersection

Existing Deficiency

# Geometry

Future Development

Traffic Operations

SALEM DISTRICT

SALE DISTRICT

STUDY CORRIDOR

STUDY CORRIDOR FIGURE 32

US 220 ARTERIAL PRESERVATION PLAN
Figure 32
Franklin County

VDOT ARTERIAL PROGRAM
Roadway, Intersection, & Median Crossover Recommendations

89. Route 220 at Grassy Hill Road
- Construct unsignalized Seagull with northbound acceleration lane
- Construct southbound right turn lane

90. Route 220 at Shadow Lane
- Consolidate and improve access spacing of crossover

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Route 220 at Grassy Hill Road

**Recommendation:** Unsignalized Continuous Green-T

**Implementation:** Short-Term (1-3 Years)

**Cost:** Funded
Segment 5: Route 220 from south of Church Hill Street to north of Winding Way Road
- Consolidate and improve access spacing of crossovers and driveways

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
Roadway, Intersection, & Median Crossover Recommendations

91. Route 220 at Crossover south of Cold Spring Lane
   - Consolidate and improve access spacing of crossover

92. Route 220 at Cold Spring Lane
   - Install advanced curve warning signs

93. Route 220 at Naff Road
   - Construct unsignalized Seagull with northbound acceleration lane
   - Construct southbound and eastbound right turn lanes

Roadway
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs

LEGEND
- # Intersection Number
- Emerging Intersection
- Geometry
- Future Development
- Safety
- Access Management
- Traffic Operations
Route 220 at Naff Road

**Recommendation:** Unsignalized Continuous Green-T

**Implementation:** Mid-Term (4-10 Years) – Long-Term (11+ Years)
Roadway, Intersection, & Median Crossover Recommendations

94. Route 220 at Dunahoo Drive
   - Improve turn lanes to standard

95. Route 220 at Spotswood Drive/Willow Branch Drive
   - Construct northbound left/U-turn lanes

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

LEGEND

# Intersection Number
# Emerging Intersection
mayı Geometry
Access Management
Future Development
Safety
Traffic Operations

US 220 Arterial Preservation Plan
Figure 36
Roanoke County
Route 220 at Willow Branch Road

Recommendation: Northbound Left Turn Lane

Implementation: Mid-Term (4-10 Years)
96. Route 220 at Webb Road
   - Remove westbound left turn movement
   - Construct northbound right turn lane

97. Route 220 at Crossover north of Webb Road
   - Consolidate and improve access spacing of crossover

98. Route 220 at Starlight Lane/Shadow Hollow Lane
   - Improve turn lanes to standard
   - Flatten curvature along Route 220
   - Install rumble strips
   - Install guardrail
   - Construct paved shoulders
   - Improve sign consistency
   - Increase sign conspicuity
   - Install advanced curve warning signs
Route 220 at Webb Road

Recommendation: Right-In/Right-Out with Median Closure

Implementation: Mid-Term (4-10 Years)
Roadway, Intersection, & Median Crossover Recommendations

99. Route 220 at Pine Needle Drive
- Consolidate and improve access spacing of crossover

100. Route 220 at Hofawger Road
- Consolidate and improve access spacing of crossover

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
101. Route 220 at Winter Drive/Crowell Gap Road
- Consolidate and improve access spacing of crossover

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
102. Route 220 at Crossover north of Back Creek Road
- Consolidate and improve access spacing of crossover

103. Route 220 at Crossover north of Intersection 102
- Consolidate and improve access spacing of crossover

104. Route 220 at Crossover south of Intersection 105
- Construct northbound left turn lane and southbound U-turn lane
- Construct northbound left turn lane and southbound U-turn lane

105. Route 220 at Crossover south of Brethren Road
- Consolidate and improve access spacing of crossover

106. Route 220 at Brethren Road
- Consolidate and improve access spacing of crossover

107. Route 220 at Yellow Mountain Road
- Construct unsignalized Seagull with southbound acceleration lane

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

SALEM DISTRICT

LEGEND

Emerging Intersection
Existing Deficiency

# Intersection Number
# Emerging Intersection

Safety

Roadway, Intersection, & Median Crossover Recommendations

US 220 Arterial Preservation Plan
Figure 40
Roanoke County
Route 220 at Yellow Mountain Road

Recommendation: Unsignalized Continuous Green-T

Implementation: Mid-Term (4-10 Years)
108. Route 220 at Clearbrook Village Lane/Indian Grave Road
- Remove eastbound and westbound through movements and signal phases

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

SALEM DISTRICT
LEGEND
Existing Deficiency

# Intersection Number
# Emerging Intersection
Geometry
Access Management
Future Development
Traffic Operations
Safety

US 220 Arterial Preservation Plan
Figure 41
Roanoke County
Route 220 at Clearbrook Village
Lane/Indian Grave Road

Recommendation: Through-Cut

Implementation: Short-Term (1-3 Years)

Route 220 at Buck Mountain Road/Stable Road

Recommendation: Through-Cut

Implementation: Short-Term (1-3 Years)
109. Route 220 at Buck Mountain Road/Stable Road
- Remove westbound through left turn movements and signal phases

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs

LEGEND
- # Intersection Number
- Emerging Intersection
- # Existing Deficiency
- Geometry
- Access Management
- Future Development
- Traffic Operations
- Safety

US 220 Arterial Preservation Plan
Figure 42
Roanoke County

VDOT ARTERIAL PROGRAM
Preservation Plan
110. Route 220 at Pheasant Ridge Road SW/Crossbow Circle
- Remove eastbound and westbound through movements and signal phases

111. Route 220 at Southern Lane/Valley Avenue
- Remove eastbound and westbound through movements and signal phases

Roadway
- Flatten curvature along Route 220
- Install rumble strips
- Install guardrail
- Construct paved shoulders
- Improve sign consistency
- Increase sign conspicuity
- Install advanced curve warning signs
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<td><strong>Recommendation:</strong> Through-Cut</td>
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