



GEORGIA



2007 ESTIMATE
OF THE COST TO COMPLETE
THE APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM
IN THE STATE OF GEORGIA

May 2007
(Data as of September 30, 2006)

Prepared by the Georgia Department of Transportation

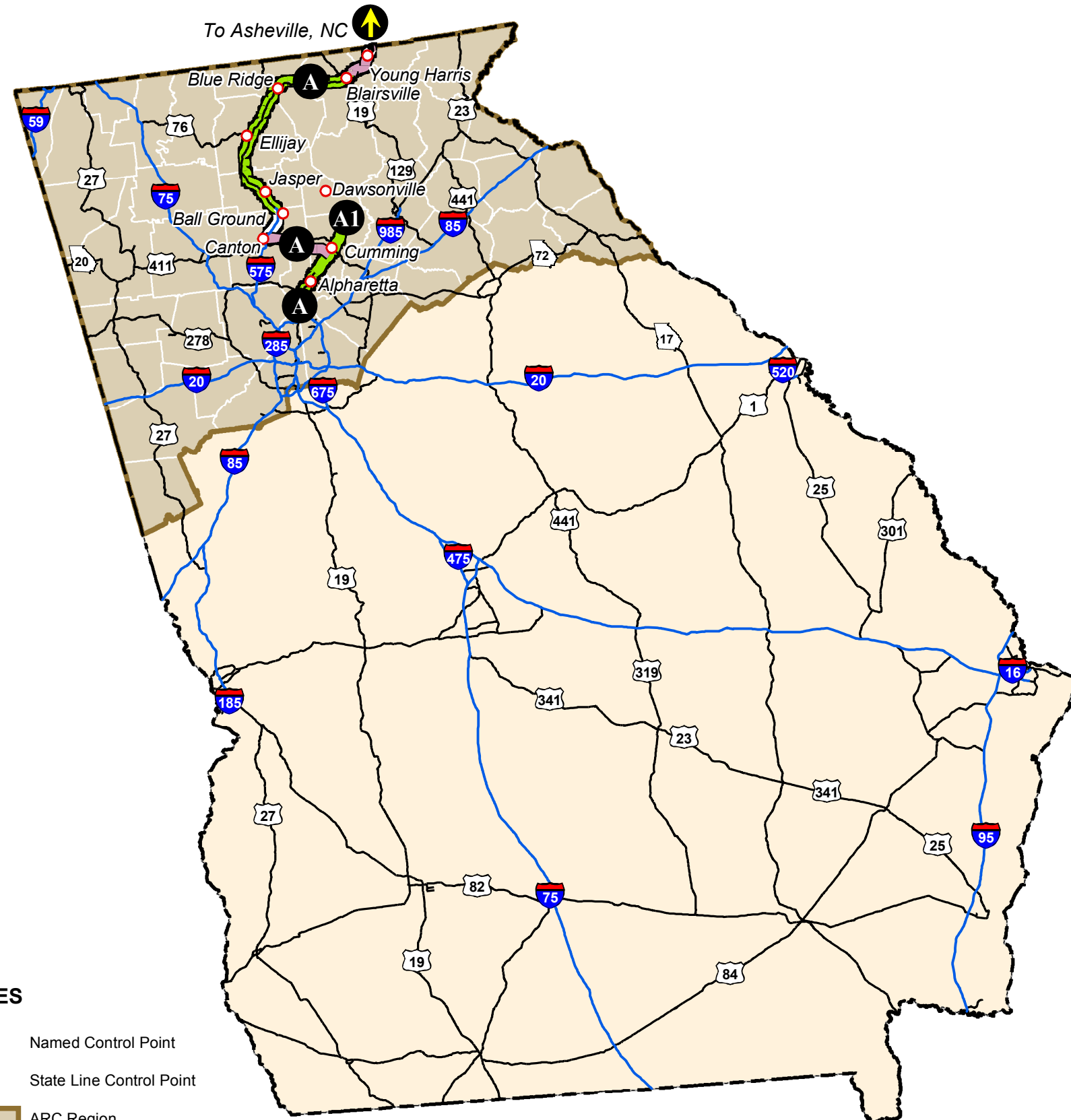
In Cooperation with the

U.S. Department of Transportation
Federal Highway Administration
Appalachian Regional Commission
and the

Nick J. Rahall, II Appalachian Transportation Institute

GEORGIA PORTION OF APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

STATE OF GEORGIA

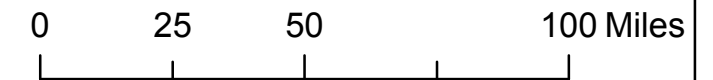


LEGEND FOR APPALACHIAN ROUTES

- ADHS Route Status**
- Complete
 - To be Completed
 - Nonparticipating


- Interstate System
- Other NHS Route

- Named Control Point
- State Line Control Point
- ARC Region



Lambert Conformal Conic regional projection
based on parallels 33 N and 45 N,
central meridian 96 W

This 2007 Estimate of the Cost of Completing the Appalachian Development Highway System in the State of Georgia as of September 30, 2006 was prepared in accordance with the 2007 ADHS Cost Estimate Guidelines and Software Instruction Manual by the Georgia Department of Transportation in cooperation with the Federal Highway Administration and the Appalachian Regional Commission. It is the State's full intention to construct all of the Appalachian Development Highway System corridors herein and to the standards indicated in this Estimate.



Harold E. Linnenkohl,
Commissioner
Georgia Department of
Transportation

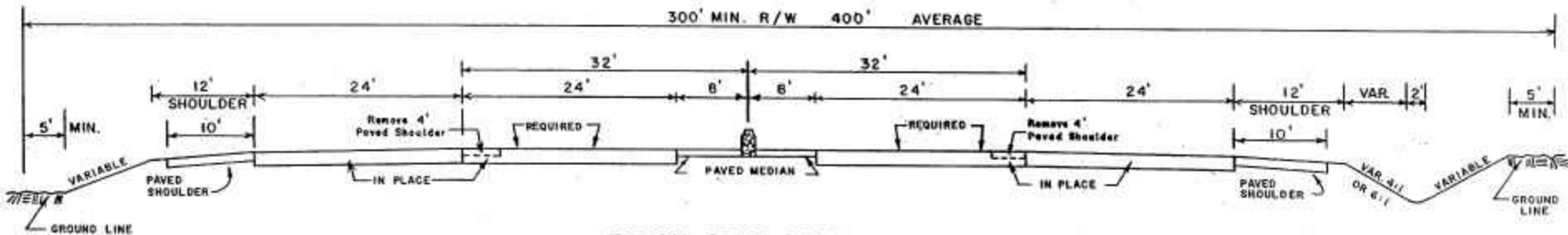


Rodney N. Barry, P.E.
Division Administrator
Federal Highway Administration

TABLE A
Appalachian Corridor Segment Descriptions

State/Commonwealth of Georgia

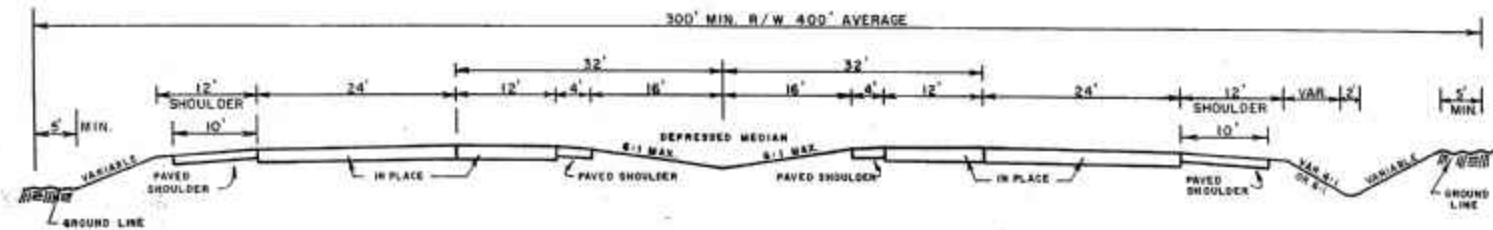
Corridor Letter	Principal Existing Route Numbers	Segment Descriptions	Eligible (miles)	Ineligible (miles)
A	US 19/ SR 400	Interstate 285 to proposed SR-515 near Cumming	22.1	
A	SR-515 (proposed)	Junction with SR-400 to I-575 near Canton	20.5	
A	I-575/ SR 515	Junction with proposed SR-515 near Canton to end of I-575 near Ball Ground		7.9
A	US 76 and SR-515	End of I-575 near Ball Ground to North Caolina	74.1	2.5
A1	US 19/ SR 400	Junction with proposed SR 515 near Cumming to SR-53 east of Dawsonville	15.8	
		Total	132.5	10.4



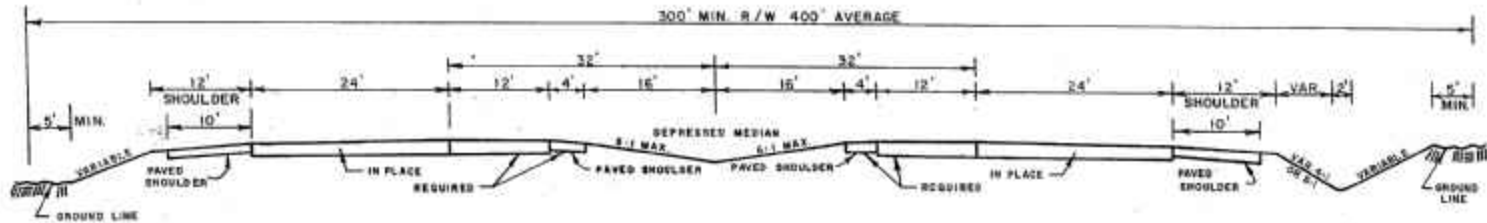
**TYPICAL CROSS SECTION
(40' MEDIAN)**

APPLIES TO SECTION A-1 TO A-2.E

Full Access Control

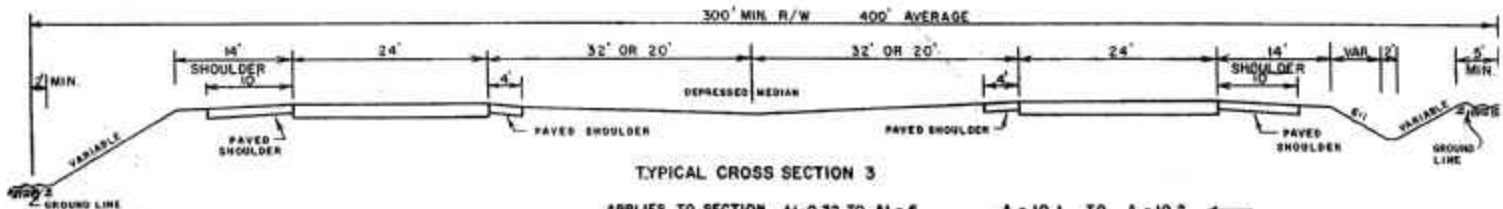


TYPICAL CROSS SECTION 2
 APPLIES TO SECTION A-2.2 TO A-2.4
 Full Access Control



TYPICAL CROSS SECTION 2-A
 APPLIES TO SECTION A-2.4 TO A-5.1

Full Access Control

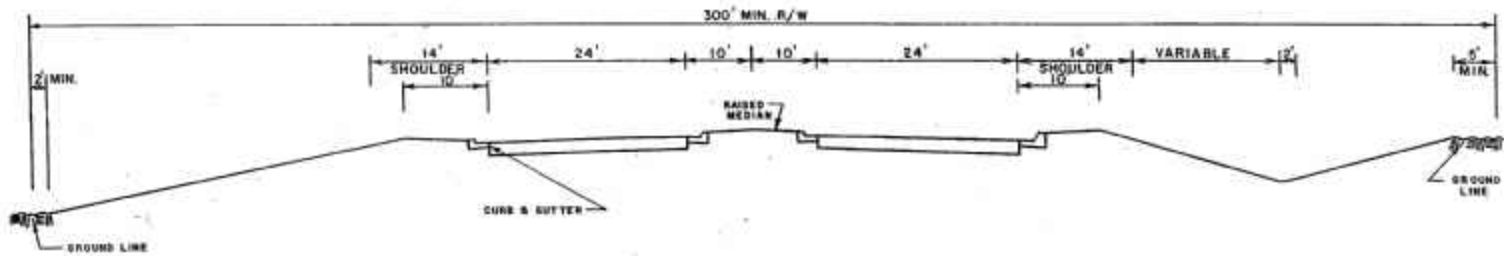


TYPICAL CROSS SECTION 3

APPLIES TO SECTION

A1-0.32 TO A1-6	A-10.1 TO A-10.2
A-3.1 TO A-3.2	A-12 TO A-12.2
A-7.1 TO A-9.01	A-12.3 TO A-12.4
A-9.1 TO A-10	A-13 TO A-14
A-10.04 TO A-10.07	

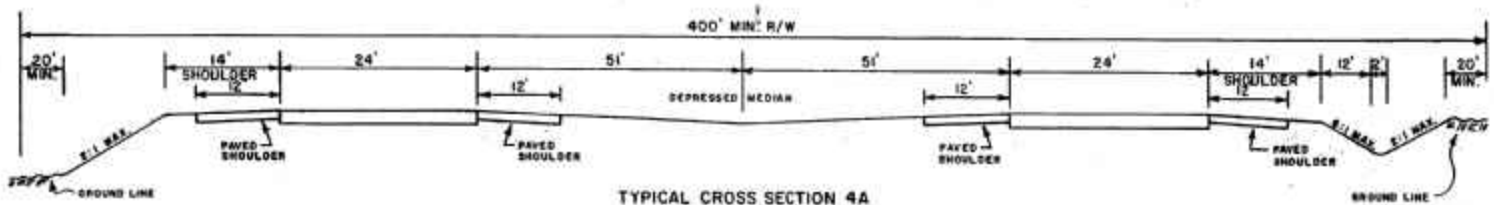
← Partial Access Control



TYPICAL CROSS SECTION 4

APPLIES TO SECTION A-9.01 TO A-9.1

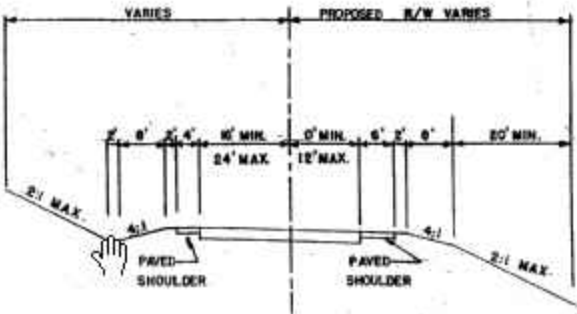
Partial Access Control



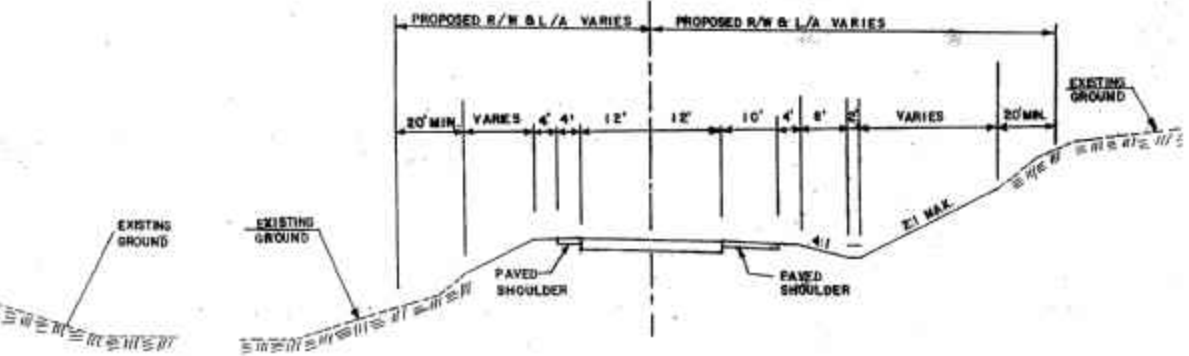
TYPICAL CROSS SECTION 4A

APPLIES TO SECTION A-3.2 TO A-3.3
A-3.3 TO A-3.4

Partial Access Control



ONE LANE RAMP

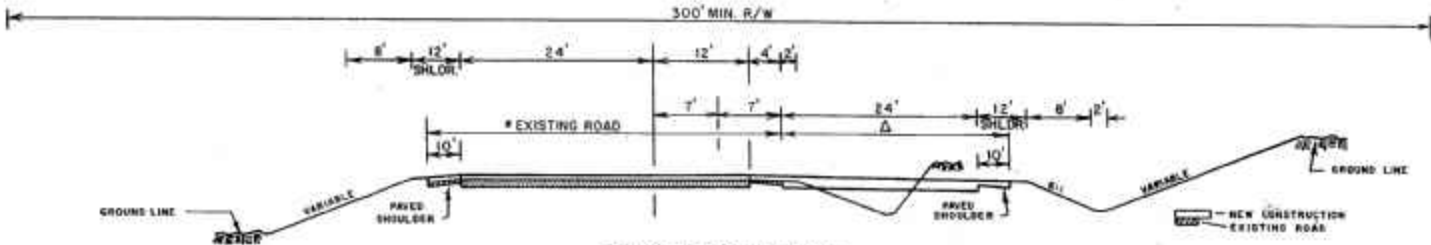


TYPICAL CROSS SECTION 4B

TWO LANE RAMP

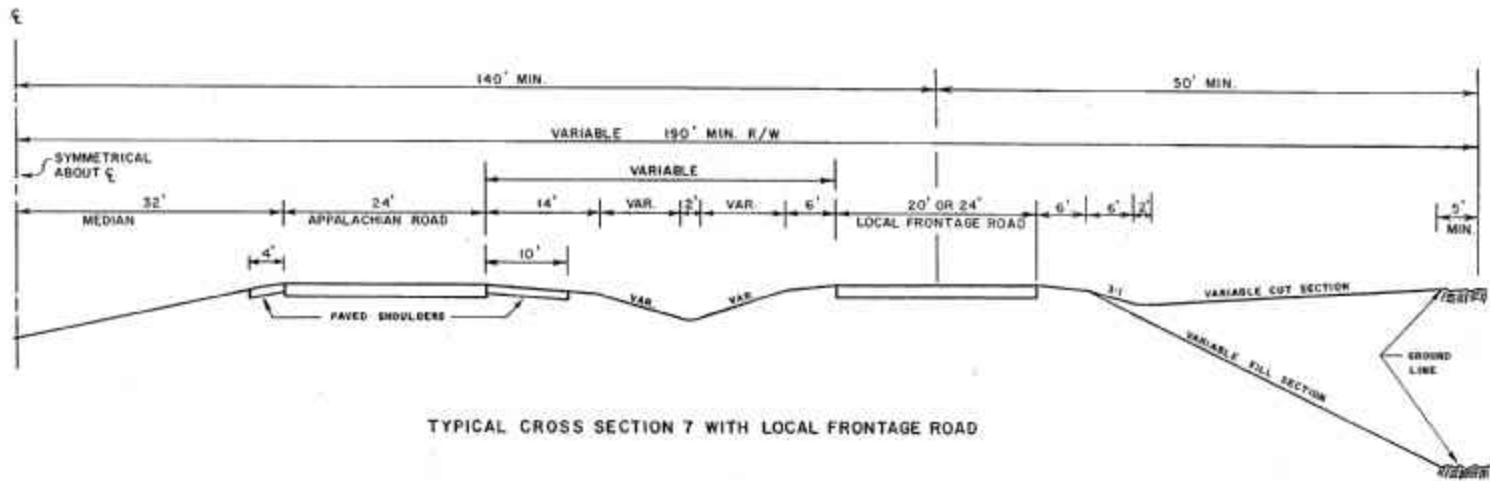
APPLIES TO SECTION A-3.4

Full Access Control

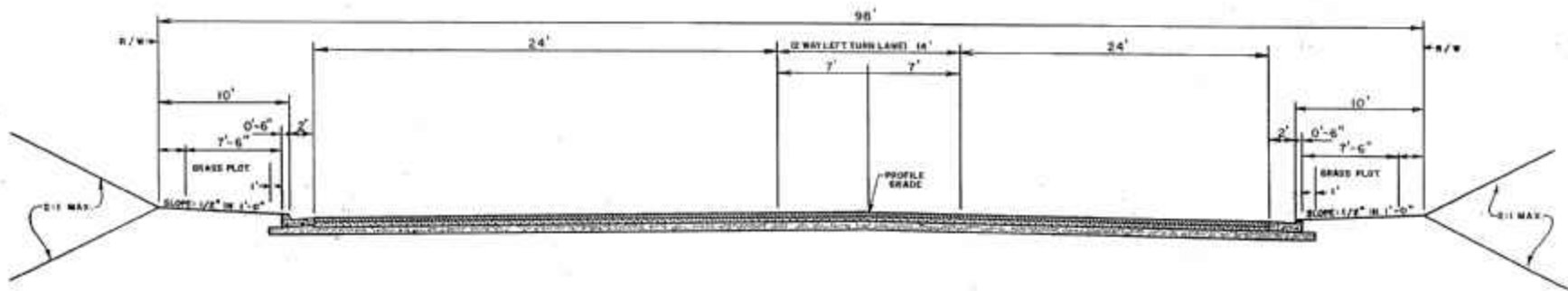


TYPICAL CROSS SECTION 5
(14' MEDIAN)

APPLIES TO SECTION A-11.05 TO A-12 ◯ ← Partial Access Control
 * A-14 TO A-15 ← No Access Control



TYPICAL CROSS SECTION 7 WITH LOCAL FRONTAGE ROAD



TYPICAL SECTION 8

A-12.4 TO A-12.5

Partial Access Control

2007 Appalachian Development Highway System Cost Estimate
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: GA

ADHS Corridor: A

Section ID	A 02.5.0	A 03.0.0	A 03.1.0	A 03.2.0	A 03.3.0	A 03.3.7
LRS Milepoint: Beginning/Ending	19.580/21.040	21.040/22.470	0.000/6.720	0.000/4.200	4.200/6.450	0.000/13.500
Status	Completed	Completed	Completed	Location Study	Location Study	Location Study
1. Finance Code	20	20	20	23	23	23
2. Section Length(Miles)	1.4	1.3	6.6	4.2	2.6	12.5
3. Class/Urban Code	U/280	U/280	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	13/121/06	13/121/06	13/117/07	13/117/09	13/117/09	13/057/06
---- b. HPMS Route/Subroute	0000000400/00	0000000400/00	0000000400/00	0000515APD/00	0000515APD/00	0000515APD/00
---- c. HPMS Signed Route/Strip Map #	0000000400/A001	0000000400/A002	0000000400/A002	0000000515/A002	0000000515/A003	0000000515/A003
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	60	70	70	70
7. Traffic:						
---- a. ADT-Base Year (2005)	101,720	74,420	74,420	40,000	37,500	37,500
---- b. ADT-Year 2015	123,997	90,718	90,718	48,000	45,000	45,000
---- c. Design Year	1,988	1,991	1,991	2,031	2,031	2,031
---- d. ADT-Design Year	25,700	28,500	27,500	70,000	65,000	65,000
---- e. DHV-Design Year	2,313	2,850	2,750	6,300	5,850	5,850
---- f. % Truck Design Year(DHV)	5	5	5	7	7	7
---- g. % Truck Design Year(ADT)	8	8	8	10	10	10
---- h. Directional Distribution Factor	65	65	65	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	4	4	4
9. Ultimate Number of Through Traffic Lanes	6	6	4	4	4	4
10. Typical X-Section of Reference/Access Control	2A/Full	2A/Full	3/Full	4A/Partial	4A/Partial	4A/Partial
11. Right-of-Way Width(ft), prevailing	350	350	350	400	400	400
12. Median Width(ft), prevailing	64	64	64	102	102	102
13. Status of Development(Figure 4)	1a	1a	1a	5a1	5a1	5a1

Estimated Cost(\$1,000) per Work Classification

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	0	0	0	2,018	1,035	3,942
15. Right-of-Way:						
---- a. Acquisition	0	0	0	28,156	9,415	2,017
---- b. Relocation	0	0	0	873	479	1,139
16. Utility Adjustments	0	0	0	1,631	246	2,948
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	12,455	1,103	40,693
18. Subbase, Base, Surfacing, Shoulders	0	0	0	7,869	4,896	23,819
19. Railroad Grade Separations	0	0	0	0	0	1,811
20. Highway Grade Separations without Ramps	0	0	0	4,347	0	5,248
21. Interchanges	0	0	0	22,347	0	8,684
22. Other Bridges, Tunnels, and Walls	0	0	0	0	10,644	13,252
23. Traffic Control	0	0	0	120	40	140
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	62	57	276
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	1,747	1,668	8,474
27. Subtotal(lines 17 thru 26)	0	0	0	48,947	18,408	102,397
28. Construction Engineering(8.52000000% of line 27)	0	0	0	4,170	1,568	8,724
29. Total Cost of Construction(lines 27 & 28)	0	0	0	53,117	19,976	111,121
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	0	0	0	90,085	32,709	127,226

2007 Appalachian Development Highway System Cost Estimate
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: GA

ADHS Corridor: A

Section ID	A 03.4.0	A 03.5.0	A 07.1.0	A 07.1.9	A 07.2.0	A 07.9.0
LRS Milepoint: Beginning/Ending	13.500/14.700	14.700/22.600	0.000/1.790	1.790/2.390	2.390/6.070	6.070/6.670
Status	Location Study	NP	Completed	Completed	Completed	Completed
1. Finance Code	23	20	20	20	20	20
2. Section Length(Miles)	1.2	7.9	1.7	0.6	4	0.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	13/057/06	13/057/07	13/227/10	13/227/10	13/227/10	13/227/9
---- b. HPMS Route/Subroute	0000515APD/00	0000000515/00	0000000515/00	0000000515/00	0000000515/00	0000000515/00
---- c. HPMS Signed Route/Strip Map #	0000000515/A004	0000000515/A004	0000000515/A005	0000000515/A005	0000000515/A005	0000000515/A005
5. Estimate Section/NHS Designation	1/NHS	2/NHS	1/NHS	2/NHS	1/NHS	2/NHS
6. Design Speed(mph)	70	70	55	55	55	55
7. Traffic:						
---- a. ADT-Base Year (2005)	36,000	24,500	23,420	22,720	22,720	22,330
---- b. ADT-Year 2015	47,500	36,750	28,549	27,696	27,696	27,220
---- c. Design Year	2,031	2,005	1,999	1,999	1,999	1,999
---- d. ADT-Design Year	69,000	30,500	18,500	16,000	16,500	13,500
---- e. DHV-Design Year	6,210	3,050	1,850	1,600	1,650	1,350
---- f. % Truck Design Year(DHV)	7	7	7	7	7	8
---- g. % Truck Design Year(ADT)	10	10	10	10	10	11
---- h. Directional Distribution Factor	60	65	65	65	65	65
8. Number of Lanes to be Constructed this Estimate	4	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	Ramps4B/Full	2/Full	3/Partial	3/Partial	3/Partial	3/Partial
11. Right-of-Way Width(ft), prevailing	400	400	450	475	450	450
12. Median Width(ft), prevailing	102	40	64	40	64	64
13. Status of Development(Figure 4)	5a1	np	1a	1a	1a	1a

Estimated Cost(\$1,000) per Work Classification

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	661	0	0	0	0	0
15. Right-of-Way:						
---- a. Acquisition	8,117	0	0	0	0	0
---- b. Relocation	55	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	1,507	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	2,935	0	0	0	0	0
19. Railroad Grade Separations	0	0	0	0	0	0
20. Highway Grade Separations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	9,469	0	0	0	0	0
23. Traffic Control	140	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	4	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	3,061	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	17,116	0	0	0	0	0
28. Construction Engineering(8.52000000% of line 27)	1,458	0	0	0	0	0
29. Total Cost of Construction(lines 27 & 28)	18,574	0	0	0	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	28,778	0	0	0	0	0

2007 Appalachian Development Highway System Cost Estimate
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: GA

ADHS Corridor: A

Section ID	A 12.5.0	A 12.6.0	A 13.0.0	A 14.0.0	A 15.0.0
LRS Milepoint: Beginning/Ending	9.810/11.540	11.540/15.760	0.000/1.710	1.710/5.090	5.090/6.220
Status	Design/RoW	Design/RoW	Design/RoW	NP	Design/RoW
1. Finance Code	22	22	23	20	22
2. Section Length(Miles)	2.5	4	2.8	2.5	1.2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0
4. Location:					
---- a. FIPS State/County/Congressional	13/291/09	13/291/09	13/281/09	13/281/09	13/281/09
---- b. HPMS Route/Subroute	0000000515/00	0000000515/00	0000515APD/00	0000000515/00	0000000515/00
---- c. HPMS Signed Route/Strip Map #	0000000515/A009	0000000515/A009	0000000515/A010	0000000515/A010	0000000515/A010
5. Estimate Section/NHS Designation	1/None	1/None	1/None	2/None	1/None
6. Design Speed(mph)	55	55	60	55	60
7. Traffic:					
---- a. ADT-Base Year (2005)	10,850	10,250	9,950	8,500	9,900
---- b. ADT-Year 2015	14,100	13,300	12,950	13,500	14,300
---- c. Design Year	2,027	2,027	2,027	1,991	2,023
---- d. ADT-Design Year	24,000	22,600	22,000	5,000	24,300
---- e. DHV-Design Year	2,400	2,260	2,200	550	2,430
---- f. % Truck Design Year(DHV)	6	6	6	6	7
---- g. % Truck Design Year(ADT)	9	9	9	12	8
---- h. Directional Distribution Factor	55	55	55	60	55
8. Number of Lanes to be Constructed this Estimate	4	4	4	0	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	6/None	6/None	3/None	5/None	6/None
11. Right-of-Way Width(ft), prevailing	400	400	300	300	300
12. Median Width(ft), prevailing	40	40	64	14	64
13. Status of Development(Figure 4)	4a1	4a1	4a1	np	4a1

Estimated Cost(\$1,000) per Work Classification

14. Preliminary Engineering:					
---- a. Location	100	100	109	0	0
---- b. Design	258	494	480	0	0
15. Right-of-Way:					
---- a. Acquisition	5,090	11,916	2,206	0	4,819
---- b. Relocation	384	973	253	0	510
16. Utility Adjustments	583	952	918	0	563
17. Erosion Control/Clear/Grade/Drain/Minor Structure	3,690	5,999	5,120	0	1,565
18. Subbase, Base, Surfacing, Shoulders	3,673	5,840	3,572	0	1,377
19. Railroad Grade Separations	0	0	0	0	0
20. Highway Grade Separations without Ramps	0	0	0	0	0
21. Interchanges	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	392	316	587	0	0
23. Traffic Control	410	656	125	0	106
24. Environmental Mitigation	0	0	0	0	0
25. Roadside Improvements:					
---- a. Landscape Planting	134	213	142	0	50
---- b. Rest Area, Overlooks	0	0	0	0	0
26. All Other Items	415	581	230	0	72
27. Subtotal(lines 17 thru 26)	8,714	13,605	9,776	0	3,170
28. Construction Engineering(8.52000000% of line 27)	742	1,159	833	0	270
29. Total Cost of Construction(lines 27 & 28)	9,456	14,764	10,609	0	3,440
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	16,665	30,659	15,304	0	9,799

2007 Appalachian Development Highway System Cost Estimate
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

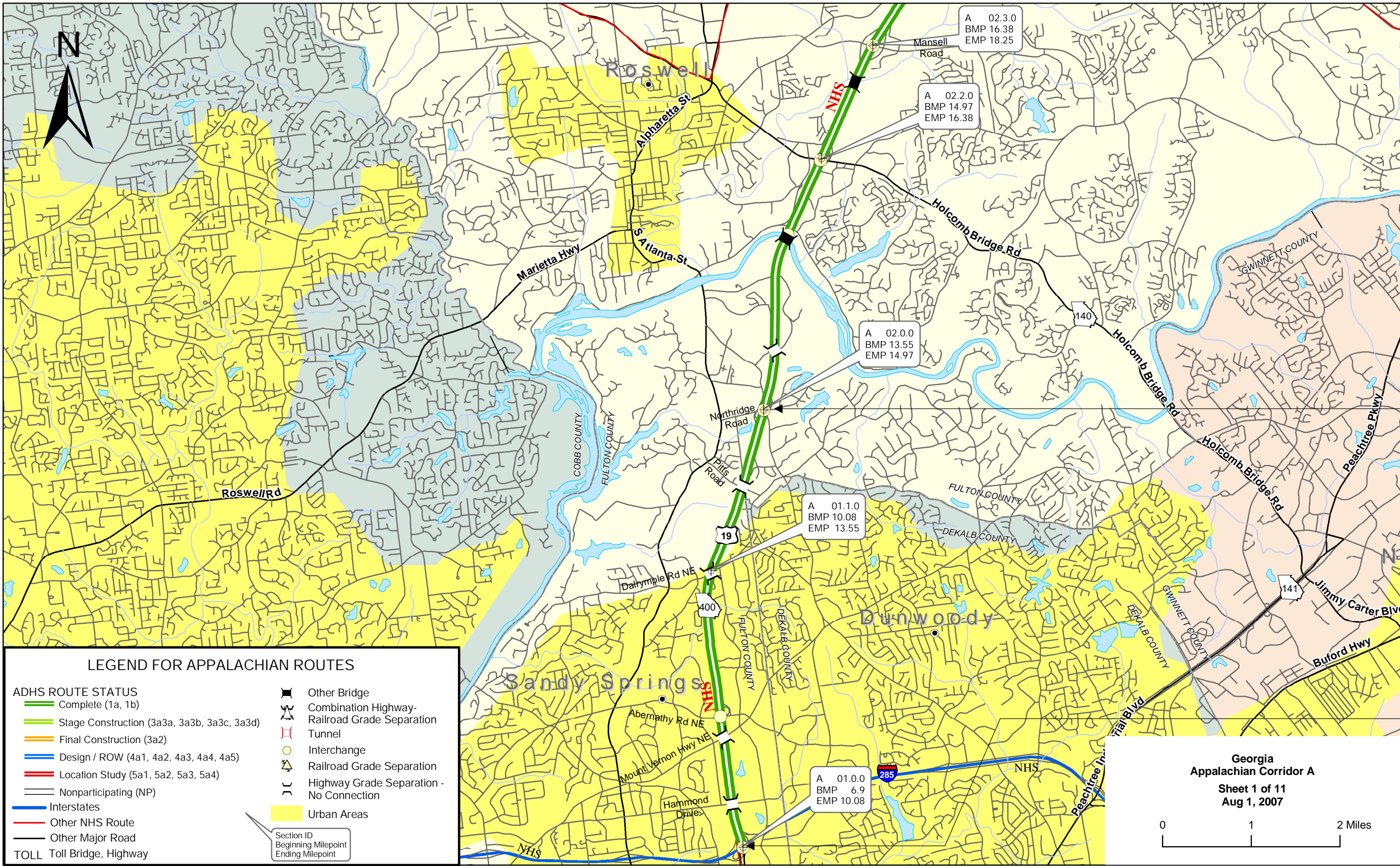
State: GA

ADHS Corridor: A

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
LRS Milepoint 1. Finance Code 2. Section Length(Miles) 3. Class/Urban Code 4. Location: ---- a. FIPS State/County/Congressional ---- b. HPMS Route/Subroute ---- c. HPMS Signed Route/Strip Map # 5. Estimate Section/NHS Designation 6. Design Speed(mph) 7. Traffic: ---- a. ADT-Base Year (2005) ---- b. ADT-Year 2015 ---- c. Design Year ---- d. ADT-Design Year ---- e. DHV-Design Year ---- f. % Truck Design Year(DHV) ---- g. % Truck Design Year(ADT) ---- h. Directional Distribution Factor 8. Number of Lanes to be Constructed this Estimate 9. Ultimate Number of Through Traffic Lanes 10. Typical X-Section of Reference/Access Control 11. Right-of-Way Width(ft), prevailing 12. Median Width(ft), prevailing 13. Status of Development(Figure 4)	127.10	111.60	15.50

Estimated Cost(\$1,000) per Work Classification

14. Preliminary Engineering:			
---- a. Location	309	309	0
---- b. Design	8,888	8,888	0
15. Right-of-Way:			
---- a. Acquisition	71,736	71,736	0
---- b. Relocation	4,666	4,666	0
16. Utility Adjustments	7,841	7,841	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	72,132	72,132	0
18. Subbase, Base, Surfacing, Shoulders	53,981	53,981	0
19. Railroad Grade Separations	1,811	1,811	0
20. Highway Grade Separations without Ramps	9,595	9,595	0
21. Interchanges	31,031	31,031	0
22. Other Bridges, Tunnels, and Walls	34,660	34,660	0
23. Traffic Control	1,737	1,737	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- a. Landscape Planting	938	938	0
---- b. Rest Area, Overlooks	0	0	0
26. All Other Items	16,248	16,248	0
27. Subtotal(lines 17 thru 26)	222,133	222,133	0
28. Construction Engineering(8.52000000% of line 27)	18,926	18,926	0
29. Total Cost of Construction(lines 27 & 28)	241,059	241,059	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	351,224	351,224	0



LEGEND FOR APPALACHIAN ROUTES

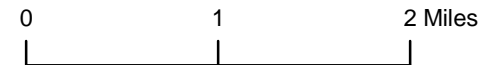
ADHS ROUTE STATUS

- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL** Toll Bridge, Highway

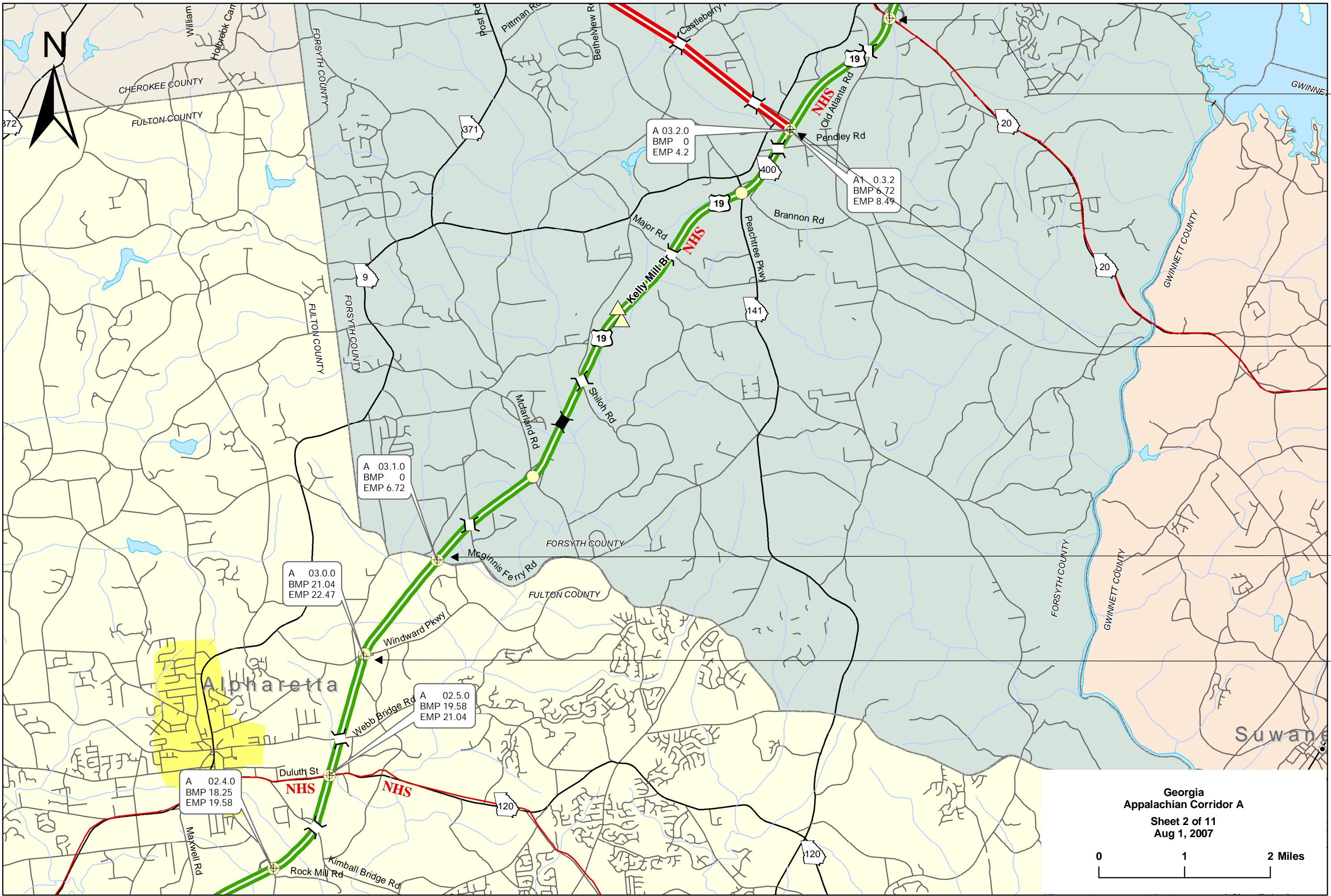
- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

Section ID
Beginning Milepoint
Ending Milepoint

**Georgia
Appalachian Corridor A**
Sheet 1 of 11
Aug 1, 2007



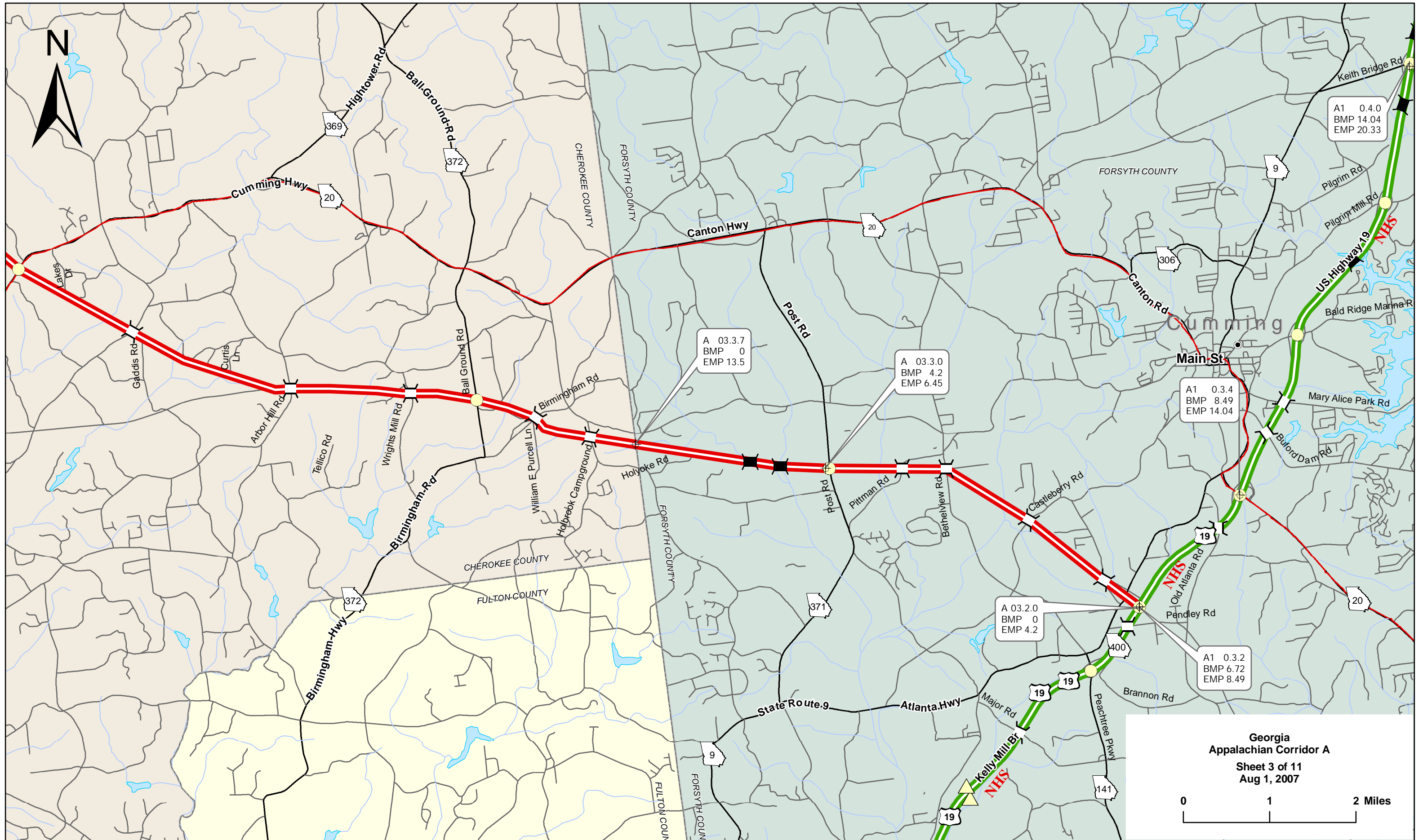
APD 056-1(6)E, R
APD 056-1(13)C
APD 056-1(21)C (SIGNS)
APD F-056-1(5)E, R
APD 056-1(10)C



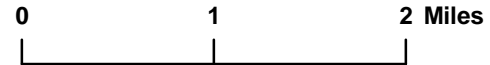
Georgia
 Appalachian Corridor A
 Sheet 2 of 11
 Aug 1, 2007

0 1 2 Miles

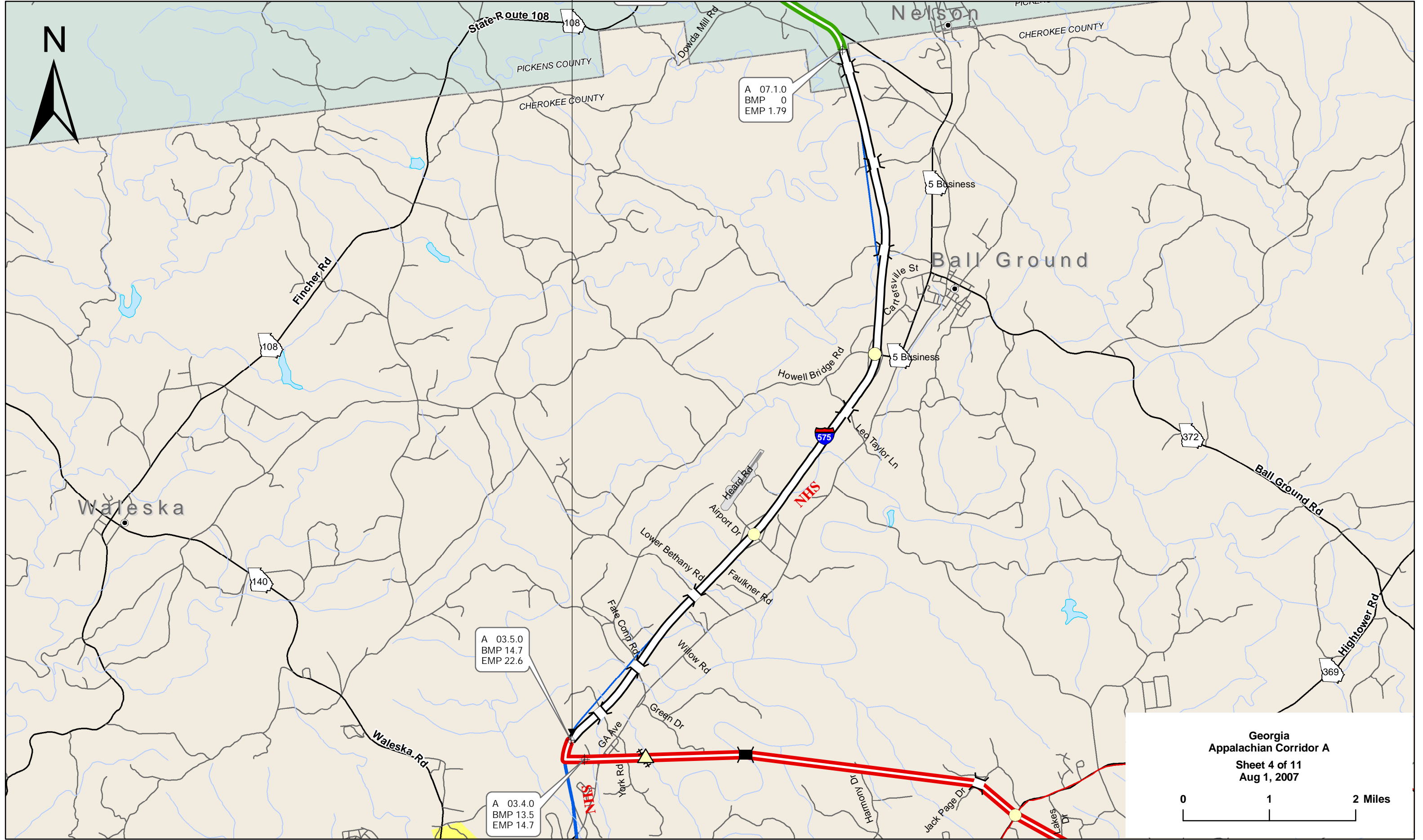
APD 056-1(7)E,R,C
 APD 056-1(15)C
 APD F-056-1(6)E,R
 APD 056-1(13)C
 APD 056-1(21)C (SIGNS)
 APD 056-1(14)R
 APD 056-1(30) - (SIGNS)
 APD 208-1(14)E



Georgia
Appalachian Corridor A
Sheet 3 of 11
Aug 1, 2007



N



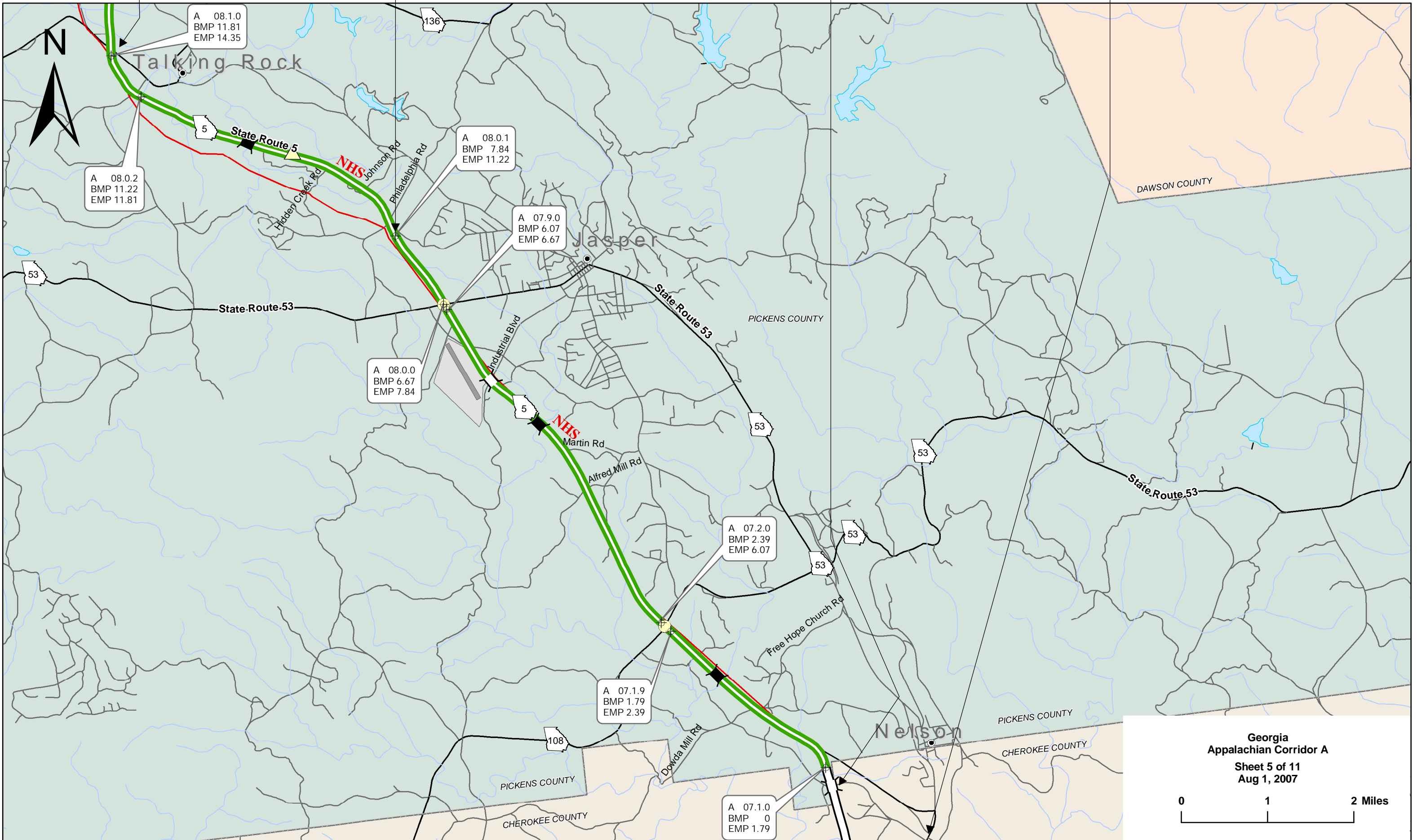
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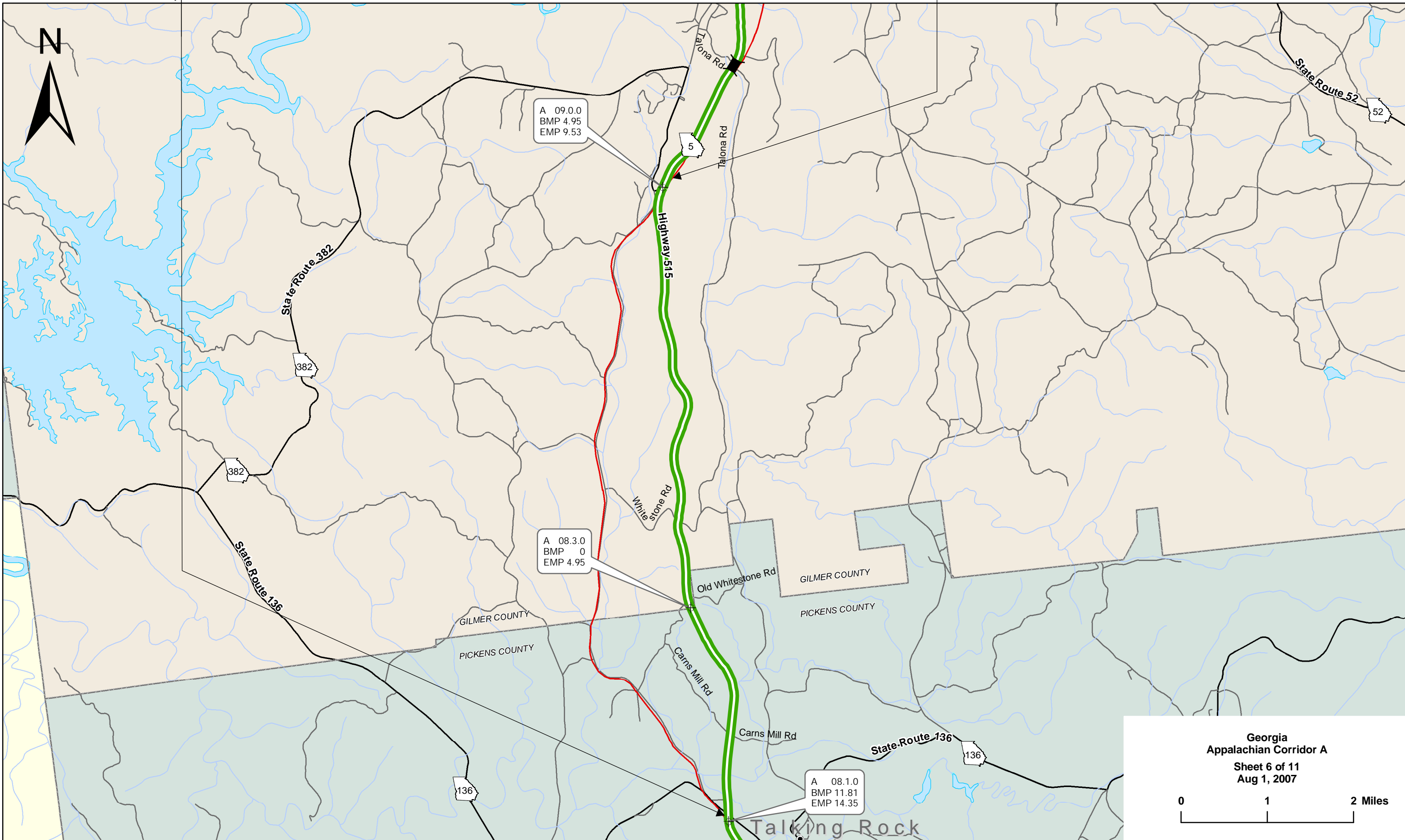
Georgia
 Appalachian Corridor A
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0 1 2 Miles

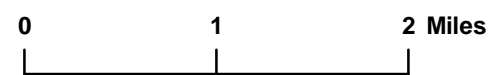


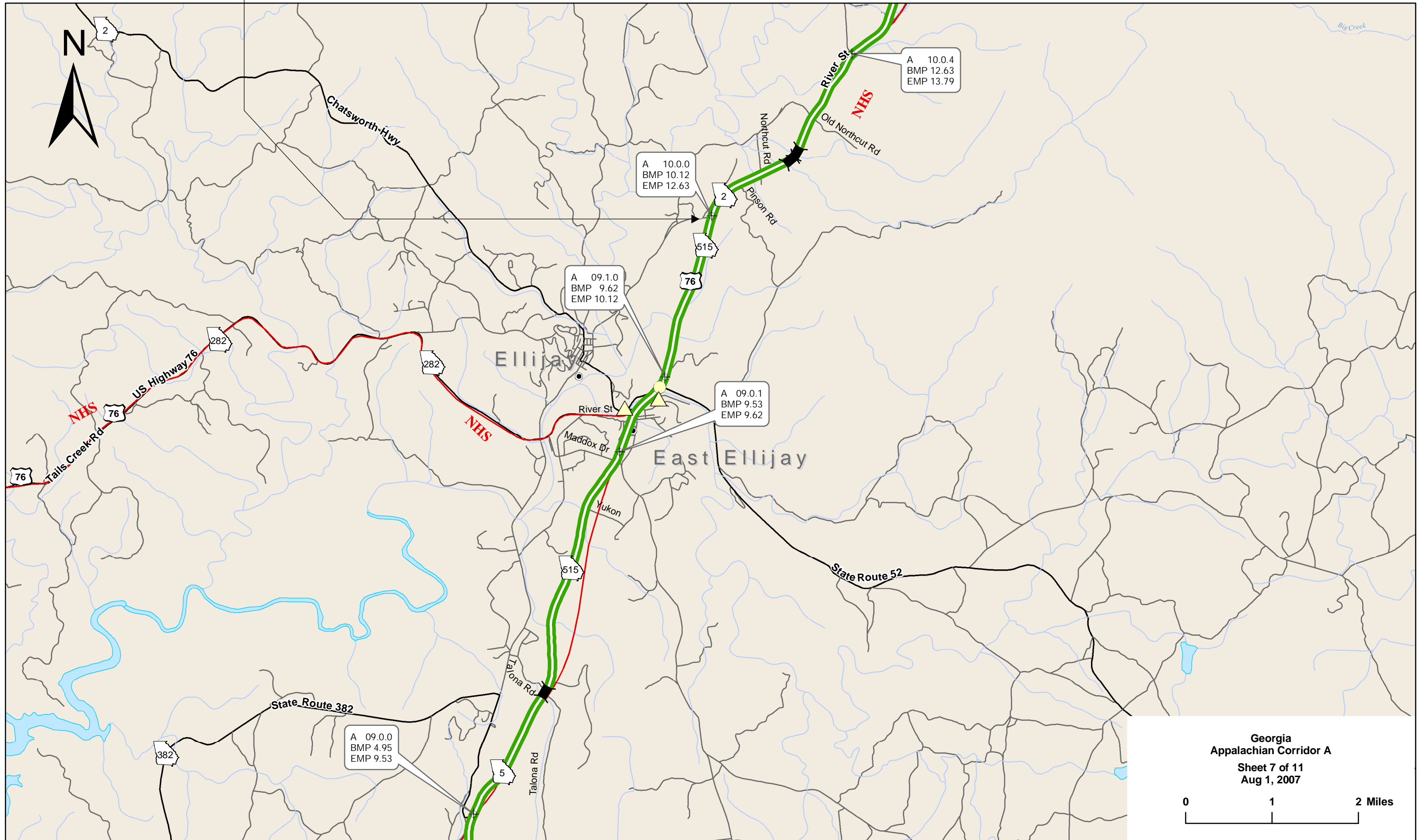
Georgia
 Appalachian Corridor A
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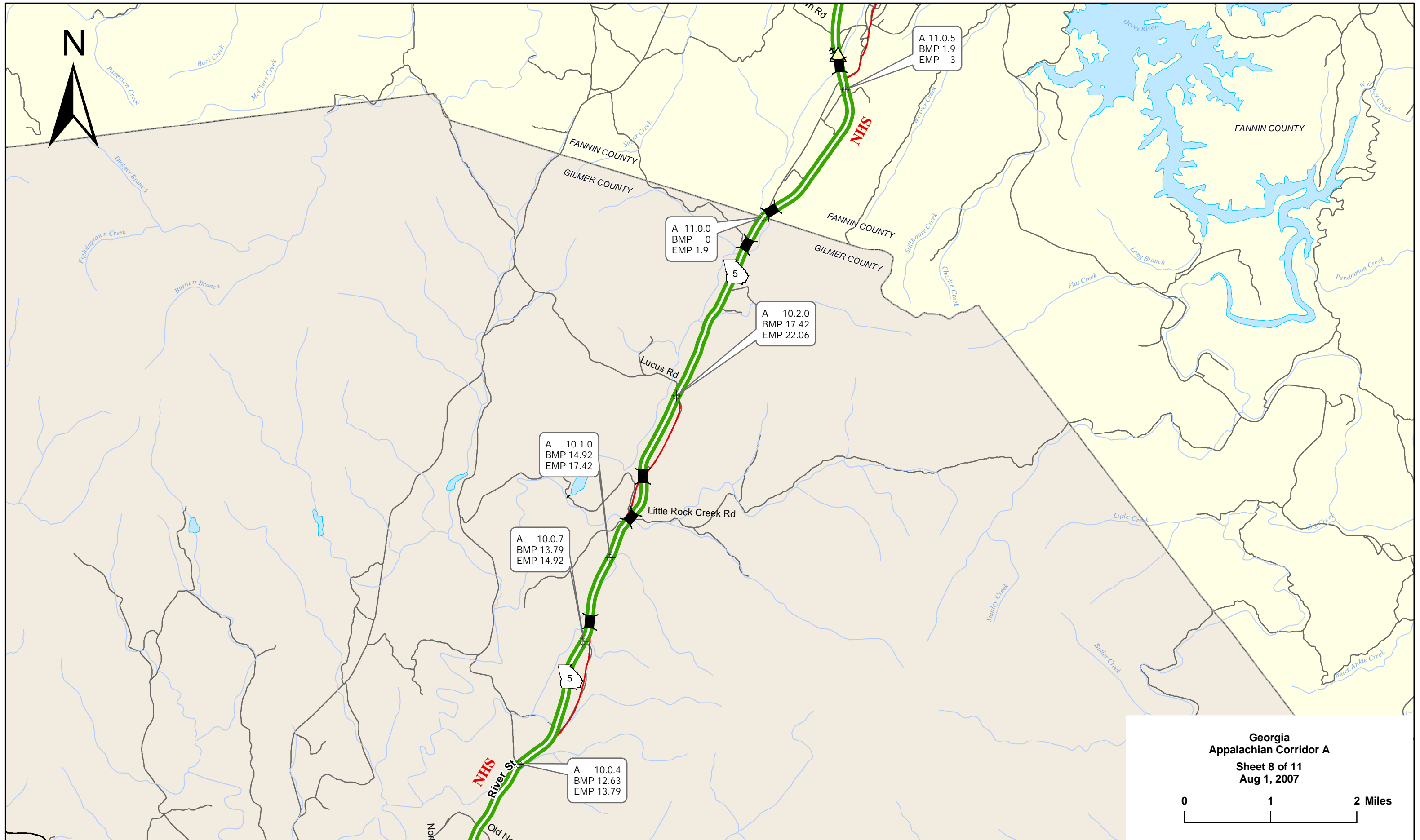


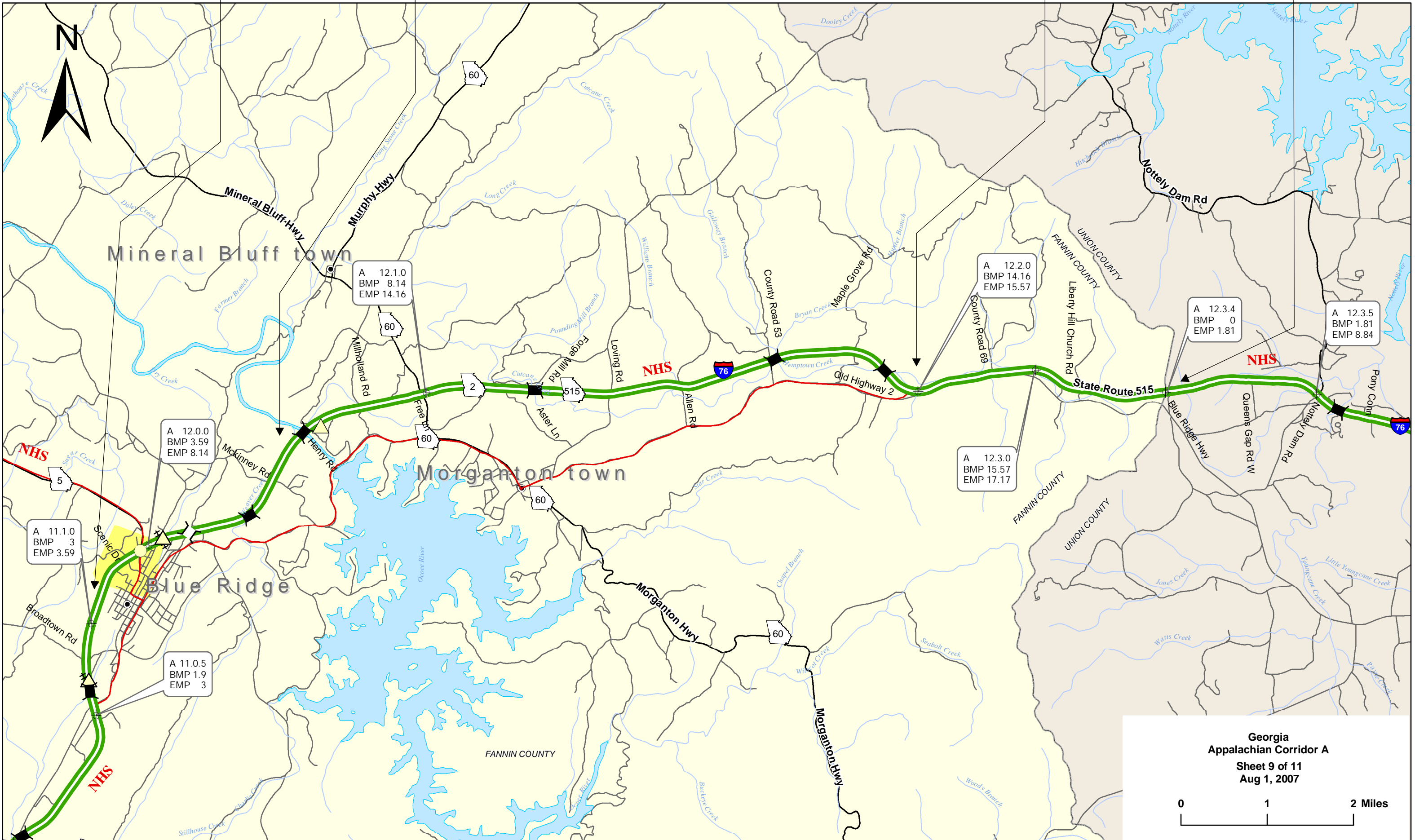


Georgia
 Appalachian Corridor A
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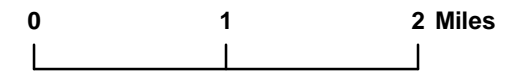


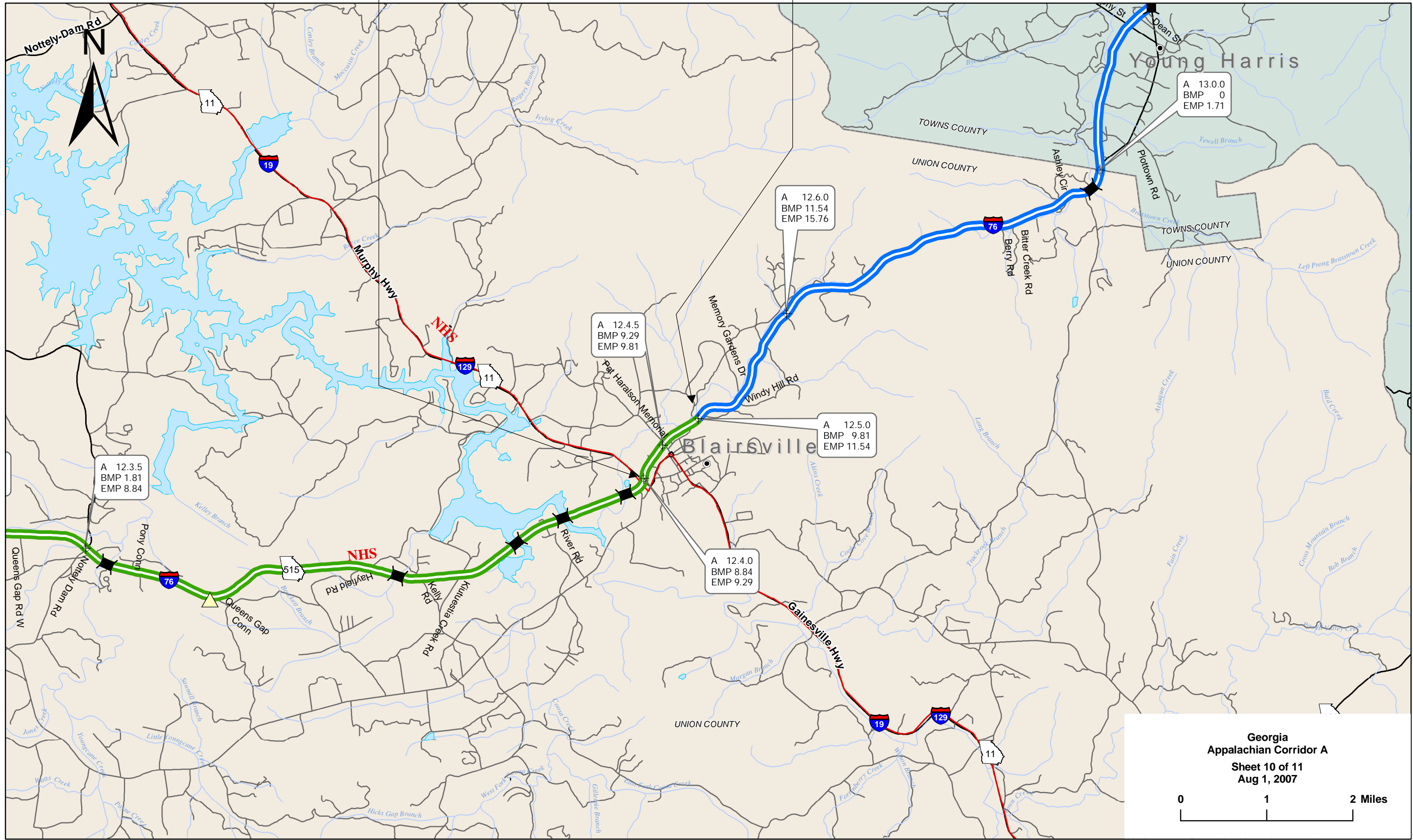






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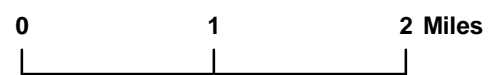
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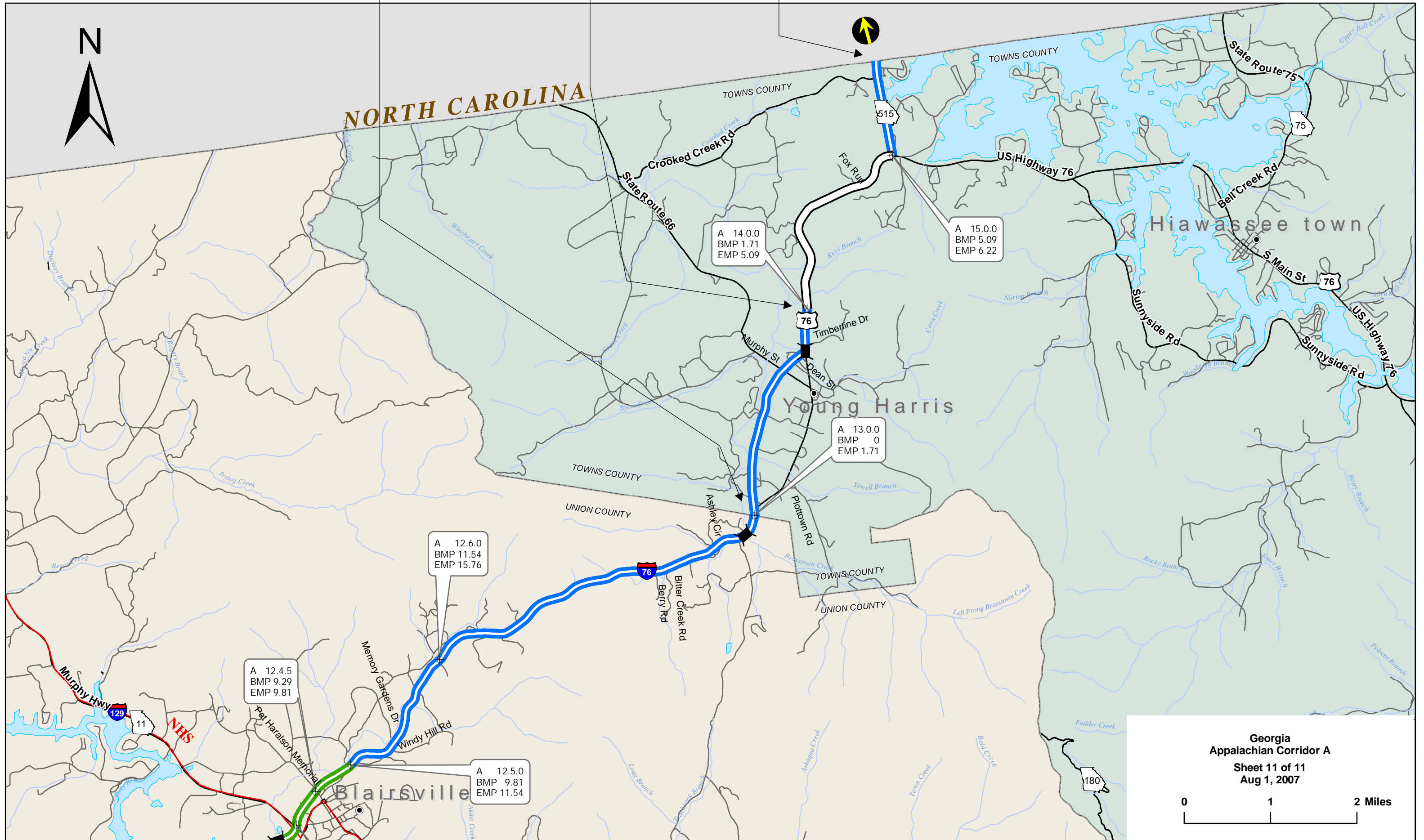
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Appalachian Corridor A**
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NORTH CAROLINA



**Georgia
Appalachian Corridor A
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180

0 1 2 Miles

2007 Appalachian Development Highway System Cost Estimate
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: GA

ADHS Corridor: A1

Section ID	A1 10.3.2	A1 10.3.4	A1 10.4.0	A1 10.5.1	A1 10.5.9
LRS Milepoint: Beginning/Ending	6.720/8.490	8.490/14.040	14.040/20.330	0.000/1.760	1.760/2.360
Status	Completed	Completed	Completed	Completed	Design/RoW
1. Finance Code	20	20	20	20	22
2. Section Length(Miles)	1.9	5.2	6.4	1.7	0.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0
4. Location:					
---- a. FIPS State/County/Congressional	13/117/07	13/117/10	13/117/10	13/085/9	13/085/9
---- b. HPMS Route/Subroute	0000000400/00	0000000400/00	0000000400/00	0000000400/00	0000000400/00
---- c. HPMS Signed Route/Strip Map #	0000000400/A101	0000000400/A101	0000000400/A101	0000000400/A102	0000000400/A102
5. Estimate Section/NHS Designation	1/None	1/None	1/None	1/None	1/NHS
6. Design Speed(mph)	70	70	70	70	55
7. Traffic:					
---- a. ADT-Base Year (2005)	57,970	56,430	37,320	26,620	26,620
---- b. ADT-Year 2015	70,665	68,788	45,493	32,450	32,450
---- c. Design Year	1,997	1,997	1,997	1,997	1,997
---- d. ADT-Design Year	52,000	46,000	25,500	67,500	65,000
---- e. DHV-Design Year	5,200	4,600	2,550	6,750	6,500
---- f. % Truck Design Year(DHV)	3	3	4	5	5
---- g. % Truck Design Year(ADT)	5	5	8	10	10
---- h. Directional Distribution Factor	70	70	70	65	65
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	3/Partial	3/Partial	3/Partial	3/Partial	3/Partial
11. Right-of-Way Width(ft), prevailing	400	400	400	400	400
12. Median Width(ft), prevailing	64	64	64	64	64
13. Status of Development(Figure 4)	1a	1a	1a	1a	4a3

Estimated Cost(\$1,000) per Work Classification

14. Preliminary Engineering:					
---- a. Location	0	0	0	0	0
---- b. Design	0	0	0	0	0
15. Right-of-Way:					
---- a. Acquisition	0	0	0	0	543
---- b. Relocation	0	0	0	0	319
16. Utility Adjustments	0	0	0	0	500
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0
19. Railroad Grade Separations	0	0	0	0	0
20. Highway Grade Separations without Ramps	0	0	0	0	0
21. Interchanges	0	0	0	0	14,643
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0
23. Traffic Control	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0
25. Roadside Improvements:					
---- a. Landscape Planting	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0
26. All Other Items	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	0	0	0	0	14,643
28. Construction Engineering(8.52000000% of line 27)	0	0	0	0	1,248
29. Total Cost of Construction(lines 27 & 28)	0	0	0	0	15,891
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	0	0	0	0	18,115

2007 Appalachian Development Highway System Cost Estimate
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: GA

ADHS Corridor: A1

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
LRS Milepoint			
1. Finance Code			
2. Section Length(Miles)	15.80	15.80	0.00
3. Class/Urban Code			
4. Location:			
---- a. FIPS State/County/Congressional			
---- b. HPMS Route/Subroute			
---- c. HPMS Signed Route/Strip Map #			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- a. ADT-Base Year (2005)			
---- b. ADT-Year 2015			
---- c. Design Year			
---- d. ADT-Design Year			
---- e. DHV-Design Year			
---- f. % Truck Design Year(DHV)			
---- g. % Truck Design Year(ADT)			
---- h. Directional Distribution Factor			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost(\$1,000) per Work Classification

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	0	0	0
15. Right-of-Way:			
---- a. Acquisition	543	543	0
---- b. Relocation	319	319	0
16. Utility Adjustments	500	500	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Separations	0	0	0
20. Highway Grade Separations without Ramps	0	0	0
21. Interchanges	14,643	14,643	0
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	0	0	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- a. Landscape Planting	0	0	0
---- b. Rest Area, Overlooks	0	0	0
26. All Other Items	0	0	0
27. Subtotal(lines 17 thru 26)	14,643	14,643	0
28. Construction Engineering(8.52000000% of line 27)	1,248	1,248	0
29. Total Cost of Construction(lines 27 & 28)	15,891	15,891	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	18,115	18,115	0

APD 056-1(30)- (SIGNS)

APD 056-1(7)E

APD 056-1(21)C

APD 056-1(7)E

APD 056-1(14)R

APD 056-1(26)- (SIGNS)

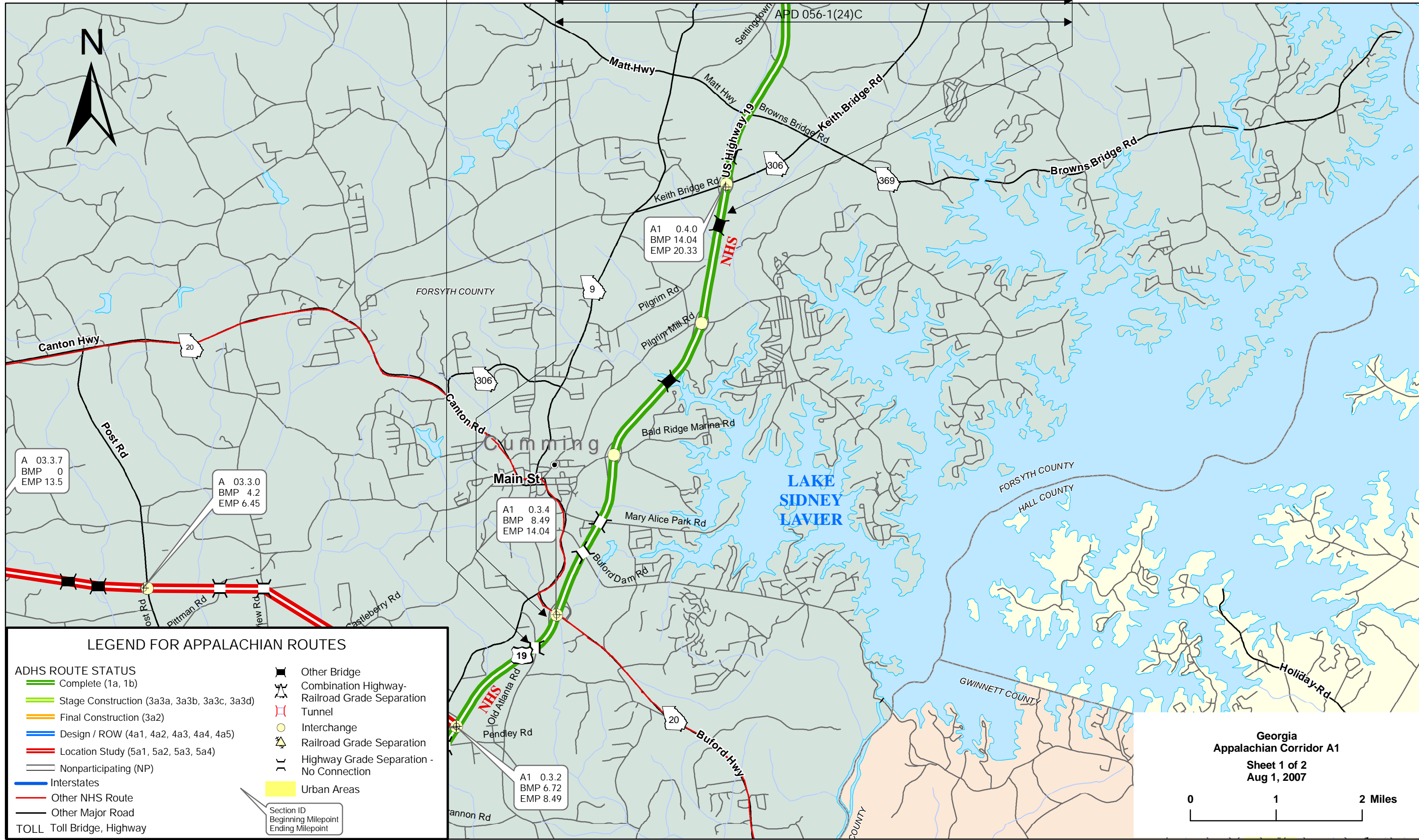
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APD 056-1(32)(R)&(C)

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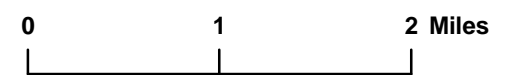
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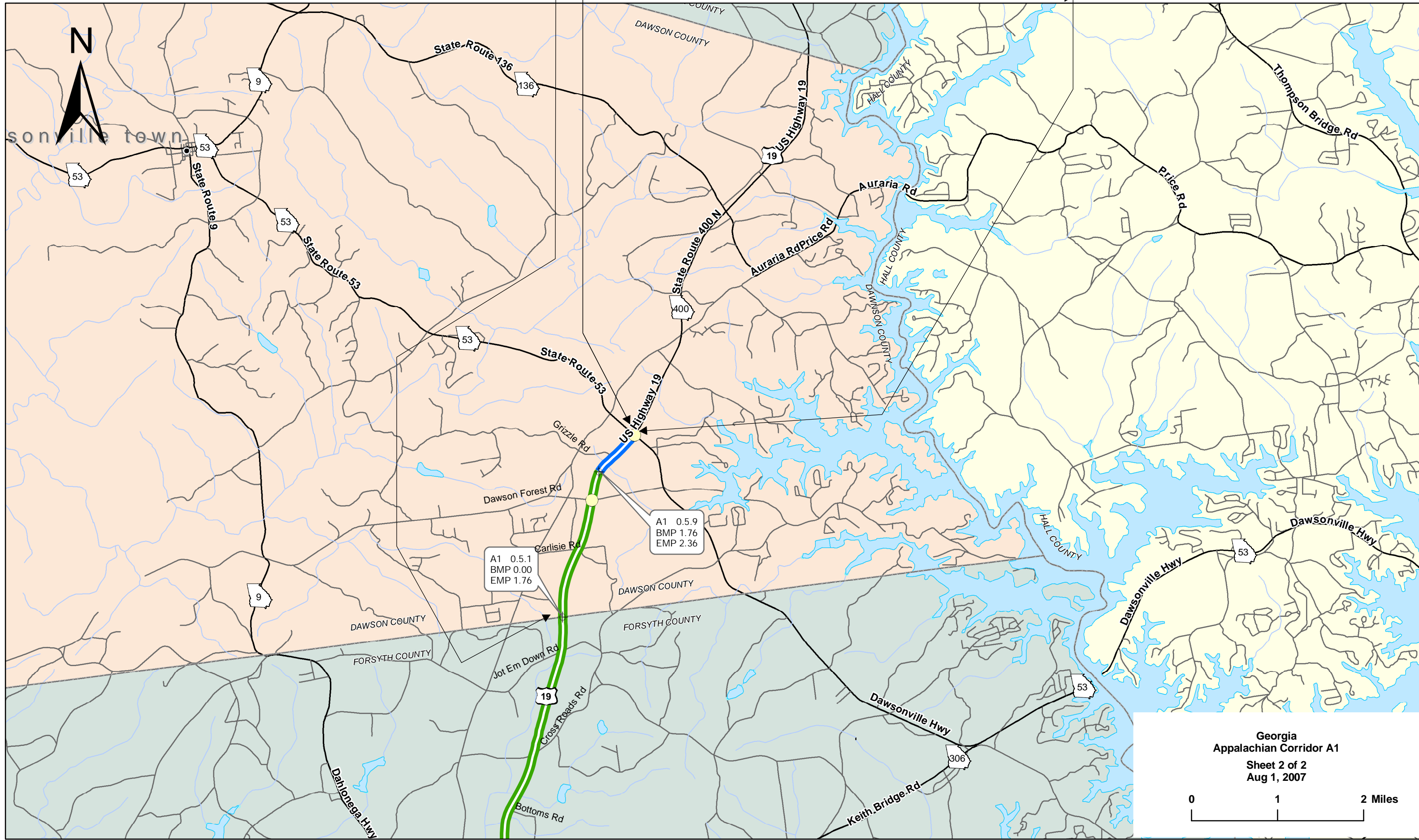


LEGEND FOR APPALACHIAN ROUTES

- ADHS ROUTE STATUS**
- Complete (1a, 1b)
 - Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
 - Final Construction (3a2)
 - Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
 - Location Study (5a1, 5a2, 5a3, 5a4)
 - Nonparticipating (NP)
 - Interstates
 - Other NHS Route
 - Other Major Road
- TOLL** Toll Bridge, Highway
- Other Bridge
 - Combination Highway-Railroad Grade Separation
 - Tunnel
 - Interchange
 - Railroad Grade Separation
 - Highway Grade Separation - No Connection
 - Urban Areas
- Section ID**
 Beginning Milepoint
 Ending Milepoint

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Appalachian Corridor A1
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Georgia
Appalachian Corridor A1
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Aug 1, 2007



2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Georgia

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	A		A1		Subtotal		State Total
	Rural	Urban	Rural	Urban	Rural	Urban	
Class: Rural or Urban							
Length in miles	31.0	0.0	0.6	0.0	31.6	0.0	
Total Mileage (Rural + Urban)	31.0		0.6				31.6
Work Classification				Estimated Costs (\$1,000)			
14. Preliminary Engineering:							
a. Location	309	0	0	0	309	0	309
b. Design	8,888	0	0	0	8,888	0	8,888
15. Right-of-Way:							
a. Acquisition	71,736	0	543	0	72,279	0	72,279
b. Relocation	4,666	0	319	0	4,985	0	4,985
16. Utility Adjustments	7,841	0	500	0	8,341	0	8,341
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	72,132	0	0	0	72,132	0	72,132
18. Subbase, Base, Surfacing, Shoulders	53,981	0	0	0	53,981	0	53,981
19. Railroad Grade Separations	1,811	0	0	0	1,811	0	1,811
20. Highway Grade Separation without Ramps	9,595	0	0	0	9,595	0	9,595
21. Interchanges	31,031	0	14,643	0	45,674	0	45,674
22. Other Bridges, Tunnels, and Walls	34,660	0	0	0	34,660	0	34,660
23. Traffic Control	1,737	0	0	0	1,737	0	1,737
24. Environmental Mitigation	0	0	0	0	0	0	0
25. Roadside Improvements:							
a. Landscape Planting	938	0	0	0	938	0	938
b. Rest Areas, Overlooks	0	0	0	0	0	0	0
26. All Other Items	16,248	0	0	0	16,248	0	16,248
27. Subtotal (Lines 17 through 26)	222,133	0	14,643	0	236,776	0	236,776
28. Construction E & C (8.52 % of line 27 and 28)	18,926	0	1,248	0	20,173	0	20,173
29. Total Cost of Construction (lines 27 and 28)	241,059	0	15,891	0	256,949	0	256,949
30. Total Estimated Cost (lines 14, 15, 16, & 29)	351,224	0	18,115	0	369,339	0	
31. Total Cost (Rural + Urban)	351,224		18,115				369,339

TABLE D

Prefinanced (AC-APD) Projects, Bond Issue Projects, and Advanced Right-of-Way Projects
(Projects Completed or in Authorized Status as of September 30, 2006)

State/Commonwealth of Georgia

TABLE E

Federal Funds Earmarked for the ADHS and Not Obligated by 9-30-06

State/Commonwealth of Georgia

Name of the Act	Section in the Act	ADHS Corridor	FHWA Approp. Code	Description of the Project	Total Amount of Federal Funds Authorized	Remaining Amount of Federal Funds not obligated
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