



ALABAMA



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

May 2007
(Data as of September 30, 2006)

Prepared by the Alabama Department of Transportation

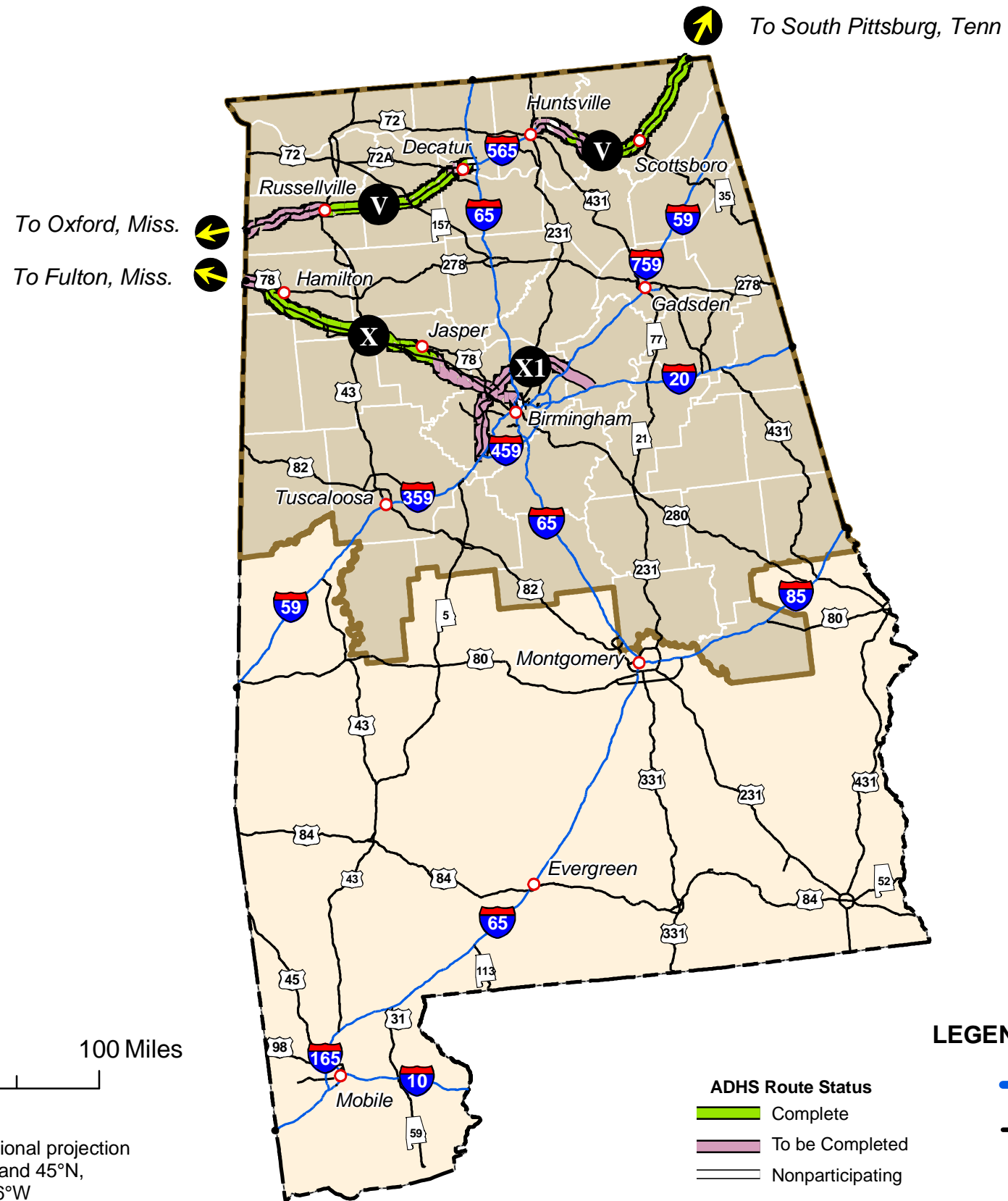
In Cooperation with the

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

Nick J. Rahall, II Appalachian Transportation Institute

ALABAMA PORTION OF APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

STATE OF ALABAMA



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 Alabama as of September 30, 2006 was prepared in accordance with the
2007 ADHS Cost Estimate Guidelines and Software Instruction Manual by the
Alabama 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.



D. J. McInnes
Transportation Director
Alabama Department of
Transportation

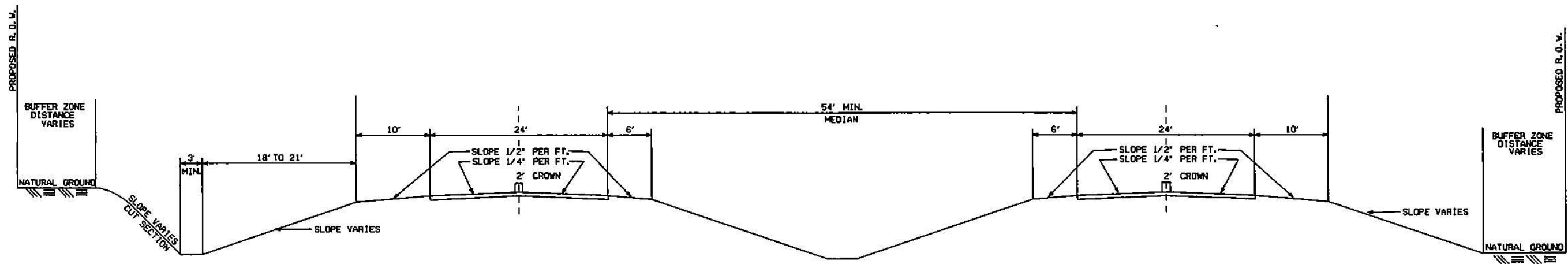


Mark D. Bartlett, P.E.
Division Administrator
Federal Highway Administration

TABLE A
Appalachian Corridor Segment Descriptions

State/Commonwealth of Alabama

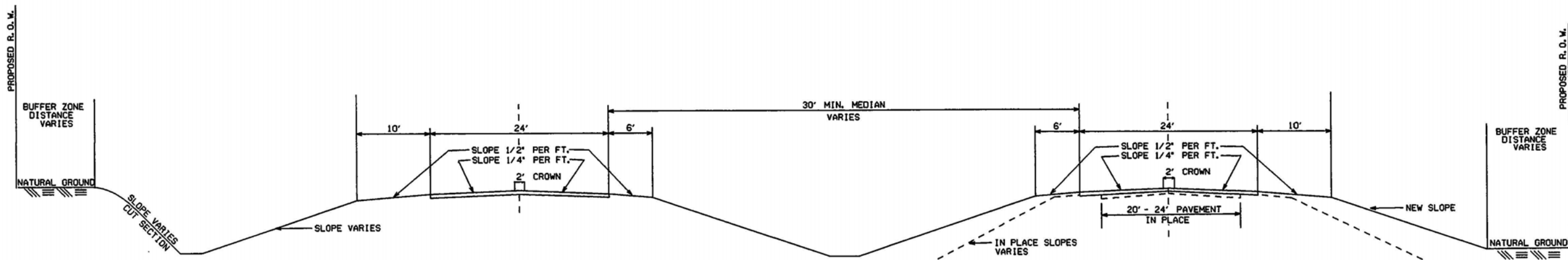
Corridor Letter	Principal Existing Route Numbers	Segment Descriptions	Eligible (miles)	Ineligible (miles)
V	SR-24, SR-67, SR-20/ALT. US-72	From Mississippi State line near Red Bay to 2.7 Miles west of SR-3/US-31	69.6	
V	SR-20/ALT. US-72	From 2.7 miles west of SR-3/US-31 to south end of Tennessee River Bridge		2.7
V	SR-3/US-31	From south end of Tennessee River Bridge to SR-20/Alt. US-72 east and SR-3/US-31 intersection	2	
V	SR-20/ALT. US-72	From SR-20/Alt. US-72 east and SR-3/US-31 intersection to I-65/I-565 interchange		3
V	SR-2/US-72	From end of I-565, SR-2, and US-72 at Andrew Jackson Way to Ryland	4.8	
V	SR-2/US-72	From Ryland to south of Dug Hill Road		2.1
V	SR-2/US-72	From south of Dug Hill Road to Old Guntersville Highway	30.8	
V	SR-2/US-72	From Old Guntersville Highway to east of SR-35		2.2
V	SR-2/US-72	From east of SR-35 to Alabama/Tennessee State line	28.2	
X	SR-4/US-78	From Mississippi line to SR-3/US-31 in Birmingham	95.3	
X	SR-3/US-31	From SR-3/US-31 in Birmingham to I-59 in Birmingham		2.7
X1	New Location	From I-459 southwest of Birmingham, extending north of Birmingham, to I-20 east of Leeds	65.0	
		Total	295.7	12.7



NEW CONSTRUCTION
REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

NEW CONSTRUCTION
REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

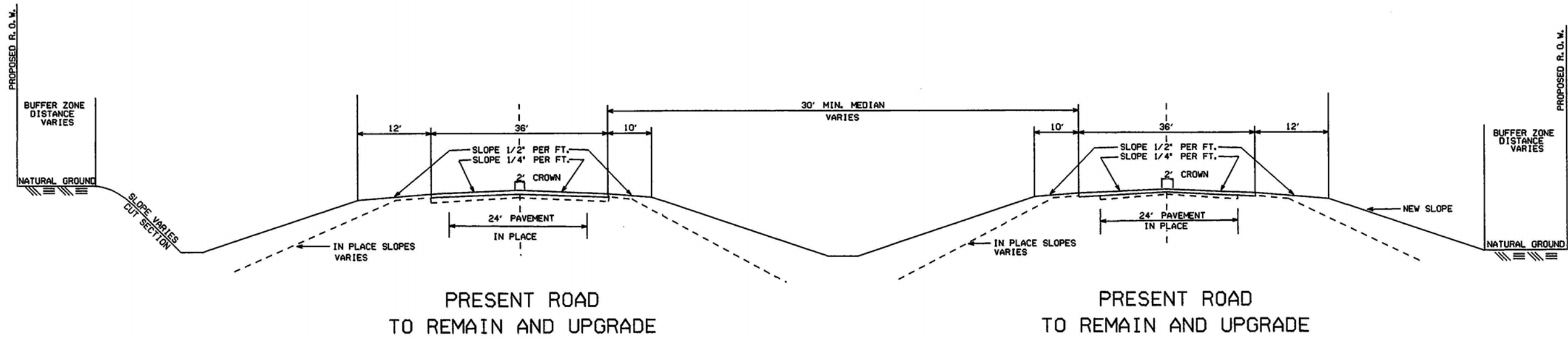
TYPICAL SECTION 1
4- LANE NEW LOCATION
FULL AND PARTIAL CONTROL



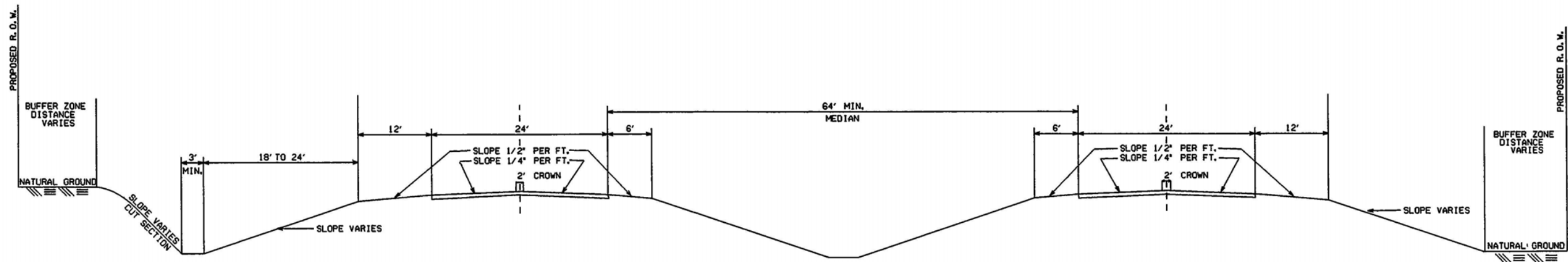
NEW CONSTRUCTION
 REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

PRESENT ROAD
 TO REMAIN AND UPGRADE

TYPICAL SECTION 2
 ADD 2- UPGRADE EXISTING
 PARTIAL CONTROL



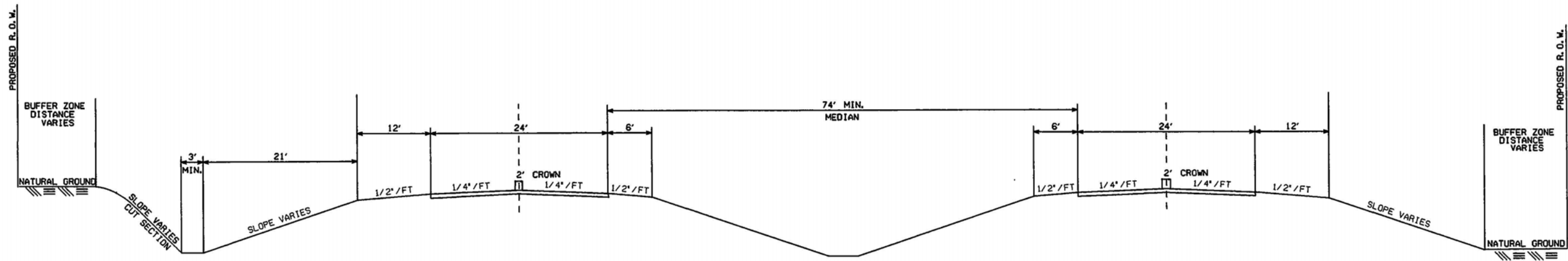
TYPICAL SECTION 3
 ADDING 2-LANES TO EXISTING 4-LANE
 FOR ULTIMATE 6-LANE ROADWAY
 PARTIAL CONTROL



NEW CONSTRUCTION
 REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

NEW CONSTRUCTION
 REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

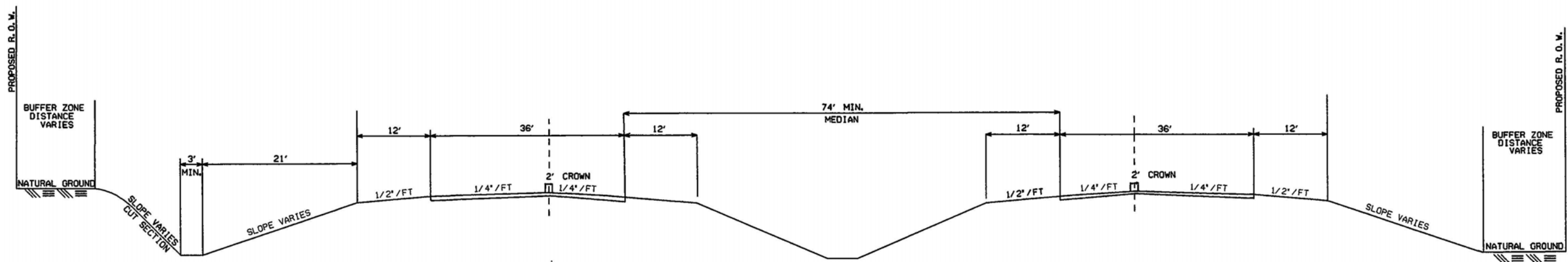
TYPICAL SECTION 4
 4- LANE NEW
 FULL AND PARTIAL CONTROL



NEW CONSTRUCTION
 REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

NEW CONSTRUCTION
 REQ' D 24' BITUMINOUS CONCRETE PAVEMENT

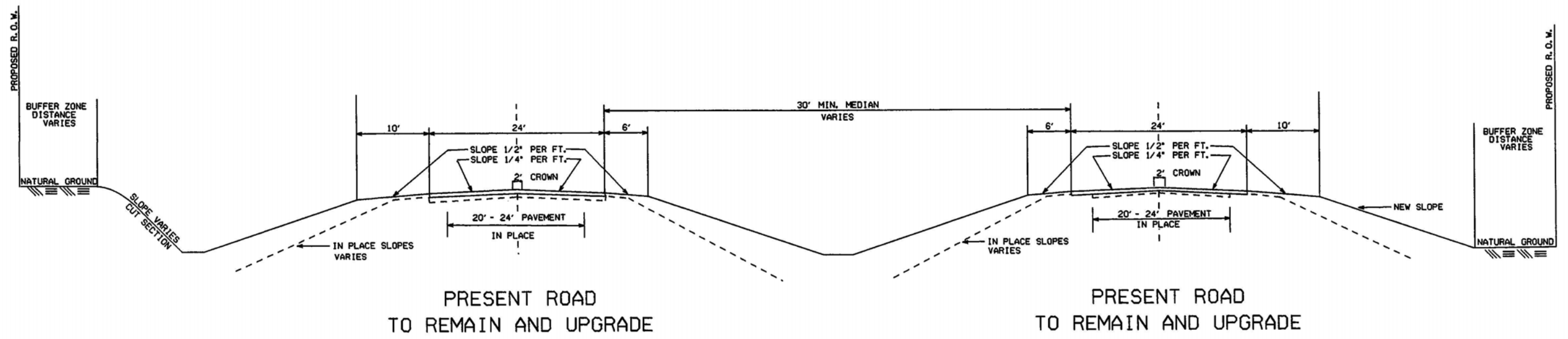
TYPICAL SECTION 5
 4- LANE NEW
 FULL CONTROL



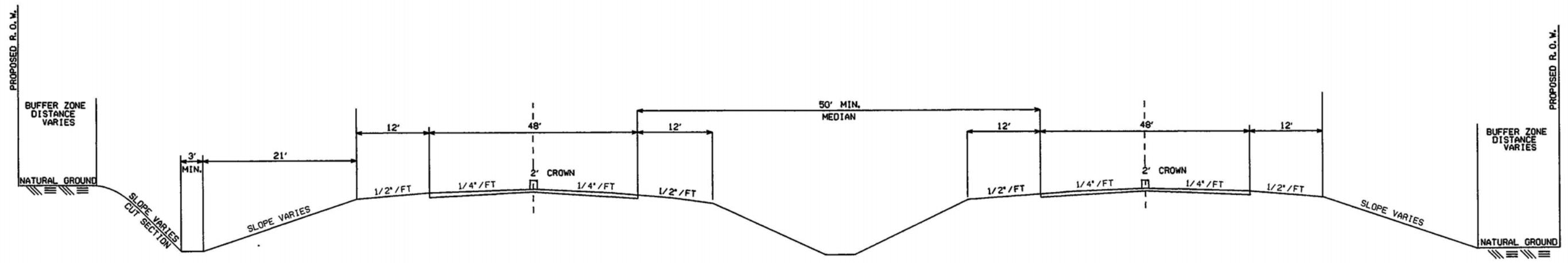
NEW CONSTRUCTION
REQ' D 36' BITUMINOUS CONCRETE PAVEMENT

NEW CONSTRUCTION
REQ' D 36' BITUMINOUS CONCRETE PAVEMENT

TYPICAL SECTION 6
6- LANE
FULL CONTROL



TYPICAL SECTION 7
 UPGRADING EXISTING 4- LANE
 FULL AND PARTIAL CONTROL

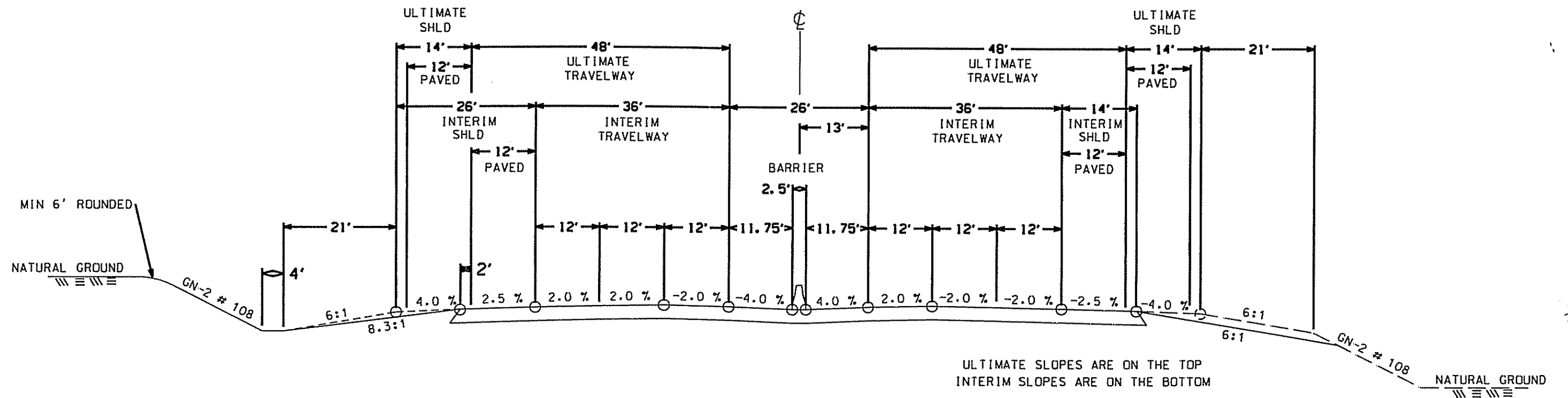


NEW CONSTRUCTION
 REQ' D 48' BITUMINOUS CONCRETE PAVEMENT

NEW CONSTRUCTION
 REQ' D 48' BITUMINOUS CONCRETE PAVEMENT

TYPICAL SECTION 8
 8- LANE
 FULL CONTROL

BIRMINGHAM NORTHERN BELTLINE TYPICAL SECTION



NOTES:

THE INTERIM OUTSIDE SHOULDER WILL BE 14 FT. GRADED, 12' PAVED IN FILL SECTION AND 26' GRADED AND 12' PAVED IN CUT SECTIONS (12' @ 2.5% WITH REMAINING 14' @ 4.0%)
 THE FULL BUILDUP FOR THE TRAVELWAY WILL BE USED ON SHOULDERS FOR THE INTERIM DESIGN
 THE 6:1 SLOPE FOR THE INTERIM DESIGN WILL BE CARRIED UNTIL IT INTERSECTS THE FRONT SLOPE OF THE ULTIMATE DESIGN. THE ULTIMATE DESIGN WILL UTILIZE 6:1 FOR 21 FT. AND THEN GN-2 # 108 IN CUT SECTIONS. THE ULTIMATE 8 LANES WILL BE GRADED IN THE INTERIM DESIGN. AN 8.3:1 SLOPE WILL BE PROVIDED FROM THE SHOULDER TO THE FRONT OF THE DITCH IN THE INTERIM DESIGN.
 THE CROWN LINE FOR THIS TYPICAL SECTION IS LOCATED 12 FT. FROM THE INSIDE EDGE OF PAVEMENT

SCALE: 1" = 20'

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

State: AL

ADHS Corridor: V

Section ID	A 01.0.0	A 01.1.0	A 02.0.0	A 03.0.0	A 04.0.0	A 04.1.0
LRS Milepoint: Beginning/Ending	0.000/2.900	2.900/5.100	5.100/13.600	13.600/21.400	21.400/24.400	24.400/26.370
Status	Stage Construction	Stage Construction	Stage Construction	Stage Construction	Final Construction	Final Construction
1. Finance Code	23	21	21	21	20	20
2. Section Length(Miles)	2.9	2.2	8.5	7.8	3	1.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	01/059/04	01/059/04	01/059/04	01/059/04	01/059/04	01/059/04
---- b. HPMS Route/Subroute	00XP059A01/00	00XS059024/00	00XS059024/00	00XS059024/00	00XS059024/00	00XS059024/00
---- c. HPMS Signed Route/Strip Map #	0000000024/V1	0000000024/V1	0000000024/V1	0000000024/V2	0000000024/V2	0000000024/V3
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	65	65	65	65	65	65
7. Traffic:						
---- a. ADT-Base Year (2005)	2,140	5,500	3,070	3,730	4,610	4,930
---- b. ADT-Year 2015	3,020	7,760	4,330	5,260	6,500	6,950
---- c. Design Year	2,028	2,028	2,031	2,031	2,023	2,023
---- d. ADT-Design Year	4,990	12,830	6,620	8,040	10,380	11,080
---- e. DHV-Design Year	549	1,411	728	804	1,040	1,110
---- f. % Truck Design Year(DHV)	14	9	12	11	10	10
---- g. % Truck Design Year(ADT)	18	12	16	15	14	13
---- h. Directional Distribution Factor	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	4	2	2	2	2	2
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	1/Partial	2/Partial	2/Partial	2/Partial	2/Partial	2/Partial
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	54	54	54	54	54	54
13. Status of Development(Figure 4)	3a3d	3a3c	3a3a	3a3a	3a2	3a2

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	150	0	400	400	0	0
15. Right-of-Way:						
---- a. Acquisition	150	0	1,034	1,094	0	0
---- b. Relocation	0	0	0	0	0	0
16. Utility Adjustments	150	0	100	100	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	11,127	10,210	0	0
18. Subbase, Base, Surfacing, Shoulders	7,241	3,049	11,781	10,811	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	0	0	689	1,768	0	0
23. Traffic Control	65	82	85	78	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	4,425	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	11,731	3,131	23,682	22,867	0	0
28. Construction Engineering(13.00000000% of line 27)	1,525	407	3,079	2,973	0	0
29. Total Cost of Construction(lines 27 & 28)	13,256	3,538	26,761	25,840	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	14,391	3,715	29,709	28,805	0	0

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

State: AL

ADHS Corridor: V

Section ID	A 07.1.0	A 07.2.0	A 08.0.0	A 09.0.0	A 10.0.0	A 10.1.0
LRS Milepoint: Beginning/Ending	13.990/14.800	14.800/16.100	16.100/22.100	22.100/25.460	0.000/3.800	3.800/5.150
Status	Stage Construction	Completed	Completed	Completed	Completed	Completed
1. Finance Code	21	20	20	20	20	20
2. Section Length(Miles)	0.8	1.3	6	4	3.2	1
3. Class/Urban Code	R/0	R/0	R/0	R/0	U/295	U/295
4. Location:						
---- a. FIPS State/County/Congressional	01/079/05	01/079/05	01/079/05	01/079/05	01/103/05	01/103/05
---- b. HPMS Route/Subroute	00XS079024/00	00XS079024/00	00XS079024/00	00XS079024/00	00XS103024/00	00XS103024/00
---- c. HPMS Signed Route/Strip Map #	0000000024/V5	0000000024/V5	0000000024/V5	0000000024/V6	0000000024/V6	0000000024/V7
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	65	65	65	65	65	65
7. Traffic:						
---- a. ADT-Base Year (2005)	9,430	10,550	11,800	16,130	15,490	16,800
---- b. ADT-Year 2015	13,300	14,880	16,640	22,740	21,840	23,690
---- c. Design Year	2,021	2,000	2,000	2,000	2,000	2,000
---- d. ADT-Design Year	15,300	9,870	11,030	14,570	14,690	16,200
---- e. DHV-Design Year	1,680	1,090	1,100	1,460	1,470	1,620
---- f. % Truck Design Year(DHV)	8	6	5	4	4	4
---- g. % Truck Design Year(ADT)	10	8	7	6	6	6
---- h. Directional Distribution Factor	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	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	1/Full	1/Partial	1/Partial	1/Partial	1/Partial	1/Partial
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	54	54	54	54	54	54
13. Status of Development(Figure 4)	3a3a	1a	1a	1a	1a	1a

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	1,009	0	0	0	0	0
15. Right-of-Way:						
---- a. Acquisition	0	0	0	0	0	0
---- b. Relocation	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	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	8,931	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	8,931	0	0	0	0	0
28. Construction Engineering(13.00000000% of line 27)	1,161	0	0	0	0	0
29. Total Cost of Construction(lines 27 & 28)	10,092	0	0	0	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	11,656	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: AL

ADHS Corridor: V

Section ID	A 11.0.0	A 11.2.0	A 11.3.0	A 13.1.0	A 13.2.0	A 13.3.0
LRS Milepoint: Beginning/Ending	33.820/35.030	4.520/5.220	5.220/7.940	20.970/21.760	21.760/22.100	0.000/1.510
Status	Design/RoW	Location Study	NP	Completed	Completed	Completed
1. Finance Code	22	22	20	20	20	20
2. Section Length(Miles)	1.2	0.7	2.7	0.3	0.3	1.4
3. Class/Urban Code	U/295	U/295	U/295	U/295	U/295	U/295
4. Location:						
---- a. FIPS State/County/Congressional	01/103/05	01/103/05	01/103/05	01/103/05	01/103/05	01/083/05
---- b. HPMS Route/Subroute	00XS103067/00	00XS103020/00	00XS103020/00	00XS103003/00	00XS103003/00	00XS083003/00
---- c. HPMS Signed Route/Strip Map #	0000000067/V7	0000000020/V7	0000000020/V7	0000000003/V7	0000000003/V7	0000000003/V7
5. Estimate Section/NHS Designation	1/NHS	1/NHS	2/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	65	65	65	65	65	65
7. Traffic:						
---- a. ADT-Base Year (2005)	20,500	24,710	25,100	44,430	44,430	45,030
---- b. ADT-Year 2015	28,910	34,030	34,560	61,180	61,180	62,010
---- c. Design Year	2,024	2,024	2,024	2,016	2,016	2,016
---- d. ADT-Design Year	46,310	53,320	54,400	61,480	61,480	65,460
---- e. DHV-Design Year	5,090	5,330	5,440	6,760	6,760	7,200
---- f. % Truck Design Year(DHV)	8	11	11	5	5	5
---- g. % Truck Design Year(ADT)	10	15	15	7	7	7
---- h. Directional Distribution Factor	65	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	2	2	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	6	6	0	4	4	4
10. Typical X-Section of Reference/Access Control	3/Partial	3/Partial	3/Partial	Bridge/Full	Bridge/Full	2/Partial
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	30	30	30	54	54	54
13. Status of Development(Figure 4)	4a2	5a1	np	1a	1a	1a

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	403	161	0	0	0	0
15. Right-of-Way:						
---- a. Acquisition	3,301	644	0	0	0	0
---- b. Relocation	1,127	0	0	0	0	0
16. Utility Adjustments	1,143	161	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	1,626	1,111	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	1,111	644	0	0	0	0
19. Railroad Grade Separations	708	0	0	0	0	0
20. Highway Grade Separations without Ramps	0	0	0	0	0	0
21. Interchanges	2,013	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	55	116	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	5,513	1,871	0	0	0	0
28. Construction Engineering(13.00000000% of line 27)	717	243	0	0	0	0
29. Total Cost of Construction(lines 27 & 28)	6,230	2,114	0	0	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	12,814	3,234	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: AL

ADHS Corridor: V

Section ID	A 14.0.0	B 07.2.0	B 07.2.1	B 07.2.2	B 07.3.0	B 08.0.0
LRS Milepoint: Beginning/Ending	1.510/4.490	14.160/14.500	14.500/15.650	15.650/18.360	18.360/18.960	18.960/21.060
Status	NP	Final Construction	Location Study	Stage Construction	Stage Construction	NP
1. Finance Code	20	20	22	22	22	20
2. Section Length(Miles)	3	0.3	1.2	2.7	0.6	2.1
3. Class/Urban Code	U/295	U/184	U/184	U/184	U/184	U/184
4. Location:						
---- a. FIPS State/County/Congressional	01/083/05	01/089/05	01/089/05	01/089/05	01/089/05	01/089/05
---- b. HPMS Route/Subroute	00XS083020/00	00XS089002/00	00XS089002/00	00XS089002/00	00XS089002/00	00XS089002/00
---- c. HPMS Signed Route/Strip Map #	0000000020/V7	0000000002/V10	0000000002/V10	0000000002/V10	0000000002/V10	0000000002/V10
5. Estimate Section/NHS Designation	2/NHS	1/NHS	1/NHS	1/NHS	1/NHS	2/NHS
6. Design Speed(mph)	65	70	70	65	65	65
7. Traffic:						
---- a. ADT-Base Year (2005)	34,230	39,640	41,870	26,520	26,520	19,510
---- b. ADT-Year 2015	47,130	54,580	57,650	36,520	36,520	26,870
---- c. Design Year	2,006	2,022	2,036	2,036	2,022	2,020
---- d. ADT-Design Year	32,790	72,950	97,080	61,490	54,700	37,830
---- e. DHV-Design Year	3,610	8,020	9,708	6,764	6,020	4,160
---- f. % Truck Design Year(DHV)	7	5	4	7	7	8
---- g. % Truck Design Year(ADT)	9	7	6	9	9	11
---- h. Directional Distribution Factor	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	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	1/Partial	7/Full	7/Full	7/Partial	7/Partial	1/Partial
11. Right-of-Way Width(ft), prevailing	300	300	300	150	150	300
12. Median Width(ft), prevailing	54	54	54	30	30	54
13. Status of Development(Figure 4)	np	3a2	5a1	3a3a	3a3a	np

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	0	0	400	403	81	0
15. Right-of-Way:						
---- a. Acquisition	0	0	7,200	1,610	306	0
---- b. Relocation	0	0	0	604	97	0
16. Utility Adjustments	0	0	1,544	470	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	966	5,233	464	0
18. Subbase, Base, Surfacing, Shoulders	0	0	1,431	3,123	551	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	15,584	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	74	13	3	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	0	0	18,055	8,369	1,018	0
28. Construction Engineering(13.00000000% of line 27)	0	0	2,347	1,088	132	0
29. Total Cost of Construction(lines 27 & 28)	0	0	20,402	9,457	1,150	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	0	0	31,023	13,171	1,716	0

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

State: AL

ADHS Corridor: V

Section ID	B 09.0.0	B 10.0.0	B 11.0.0	B 11.1.0	B 12.0.0	B 12.1.0
LRS Milepoint: Beginning/Ending	21.060/27.460	27.460/28.150	0.000/2.300	2.300/6.700	6.700/13.800	13.800/14.600
Status	Stage Construction	Completed	Stage Construction	Stage Construction	Completed	Completed
1. Finance Code	21	20	21	21	20	20
2. Section Length(Miles)	6.4	1.7	2.3	4.4	7.1	0.8
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	01/089/05	01/089/05	01/071/05	01/071/05	01/071/05	01/071/05
---- b. HPMS Route/Subroute	00XS089002/00	00XS089002/00	00XS071002/00	00XS071002/00	00XS071002/00	00XS071002/00
---- c. HPMS Signed Route/Strip Map #	0000000002/V10	0000000002/V11	0000000002/V11	0000000002/V11	0000000002/V11	0000000002/V12
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	65	65	65	65	65	65
7. Traffic:						
---- a. ADT-Base Year (2005)	18,360	17,270	14,910	14,260	12,000	11,810
---- b. ADT-Year 2015	25,280	23,780	20,530	19,640	16,520	16,260
---- c. Design Year	2,025	2,000	2,000	2,000	2,000	2,000
---- d. ADT-Design Year	38,860	15,730	14,090	13,880	11,830	11,230
---- e. DHV-Design Year	4,270	1,730	1,550	1,670	1,420	1,350
---- f. % Truck Design Year(DHV)	10	11	11	11	12	12
---- g. % Truck Design Year(ADT)	13	14	14	14	16	16
---- h. Directional Distribution Factor	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	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	2/Partial	1/Partial	2/Partial	2/Partial	1/Partial	1/Partial
11. Right-of-Way Width(ft), prevailing	300	300	209	209	300	300
12. Median Width(ft), prevailing	54	54	54	54	54	54
13. Status of Development(Figure 4)	3a3a	1a	3a3a	3a3a	1a	1a

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	282	0	193	370	0	0
15. Right-of-Way:						
---- a. Acquisition	596	0	0	0	0	0
---- b. Relocation	153	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	4,946	0	1,777	3,400	0	0
18. Subbase, Base, Surfacing, Shoulders	5,873	0	2,111	4,039	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	0	0	0	0	0	0
23. Traffic Control	32	0	13	24	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	10,851	0	3,901	7,463	0	0
28. Construction Engineering(13.00000000% of line 27)	1,411	0	507	970	0	0
29. Total Cost of Construction(lines 27 & 28)	12,262	0	4,408	8,433	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	13,957	0	4,831	9,243	0	0

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

State: AL

ADHS Corridor: V

Section ID LRS Milepoint	Corridor Total	Rural Subtotal	Urban Subtotal
1. Finance Code			
2. Section Length(Miles)	145.40	124.70	20.70
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	4,252	2,804	1,448
15. Right-of-Way:			
---- a. Acquisition	15,935	2,874	13,061
---- b. Relocation	1,981	153	1,828
16. Utility Adjustments	3,668	350	3,318
17. Erosion Control/Clear/Grade/Drain/Minor Structure	40,860	31,460	9,400
18. Subbase, Base, Surfacing, Shoulders	51,765	44,905	6,860
19. Railroad Grade Separations	708	0	708
20. Highway Grade Separations without Ramps	0	0	0
21. Interchanges	26,528	8,931	17,597
22. Other Bridges, Tunnels, and Walls	2,457	2,457	0
23. Traffic Control	640	379	261
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- a. Landscape Planting	0	0	0
---- b. Rest Area, Overlooks	4,425	4,425	0
26. All Other Items	0	0	0
27. Subtotal(lines 17 thru 26)	127,383	92,557	34,826
28. Construction Engineering(13.00000000% of line 27)	16,560	12,032	4,527
29. Total Cost of Construction(lines 27 & 28)	143,943	104,589	39,353
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	178,268	116,309	61,959

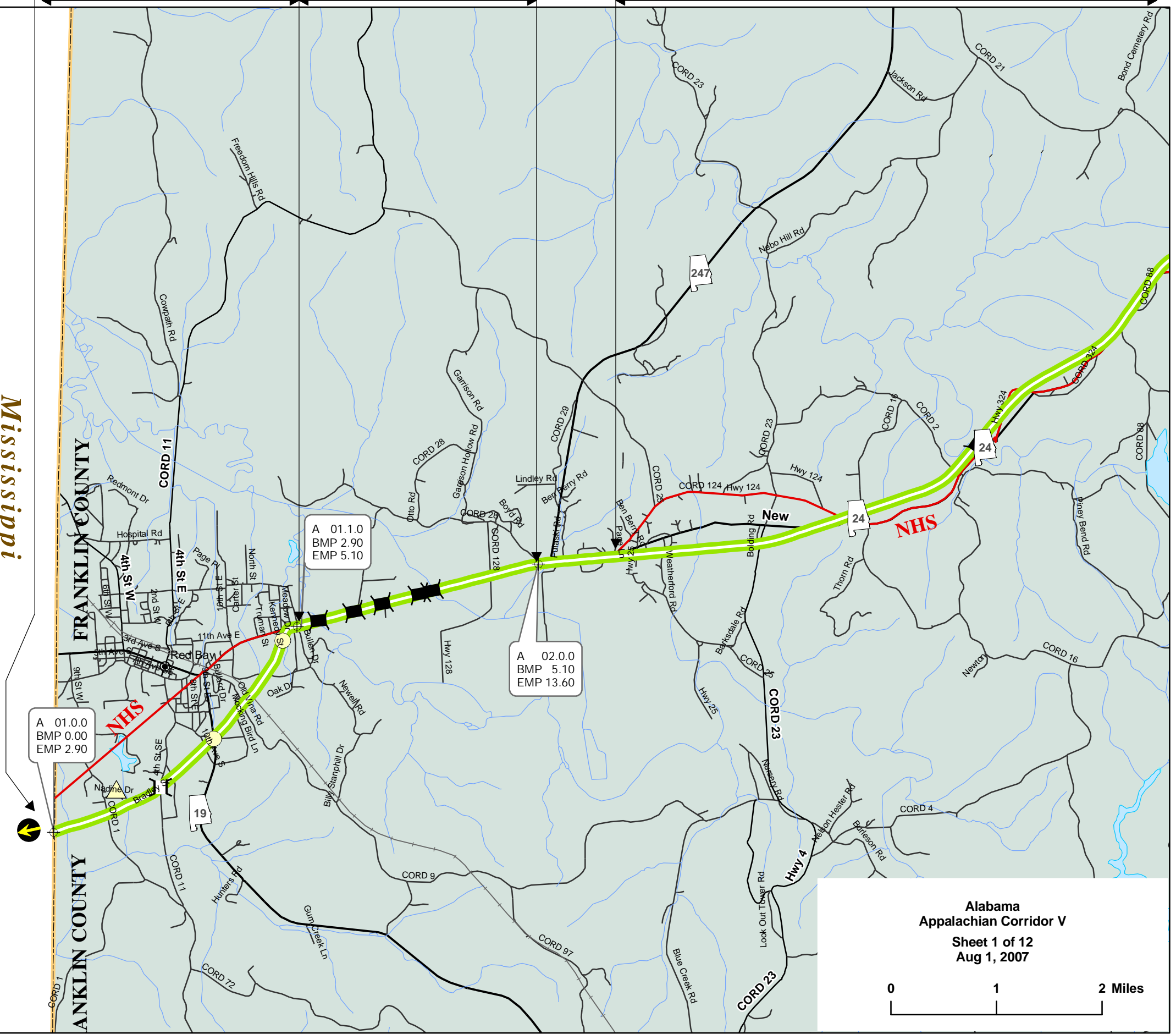
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APD - 355 (503) E		APD - 355 (11) E & C
APD - 355 (505) E		APD - 355 (16) E & C
	APD - 355 (5) C	ACAPD - APD - 355 (11) C
APD - 355 (14) E	APD - 355 (500) E	APD - 355 (501)



Mississippi

FRANKLIN COUNTY

ANKLIN COUNTY



A 01.1.0
BMP 2.90
EMP 5.10

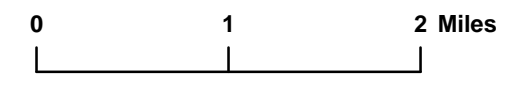
A 02.0.0
BMP 5.10
EMP 13.60

A 01.0.0
BMP 0.00
EMP 2.90

LEGEND FOR APPALACHIAN ROUTES

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

Alabama
Appalachian Corridor V
Sheet 1 of 12
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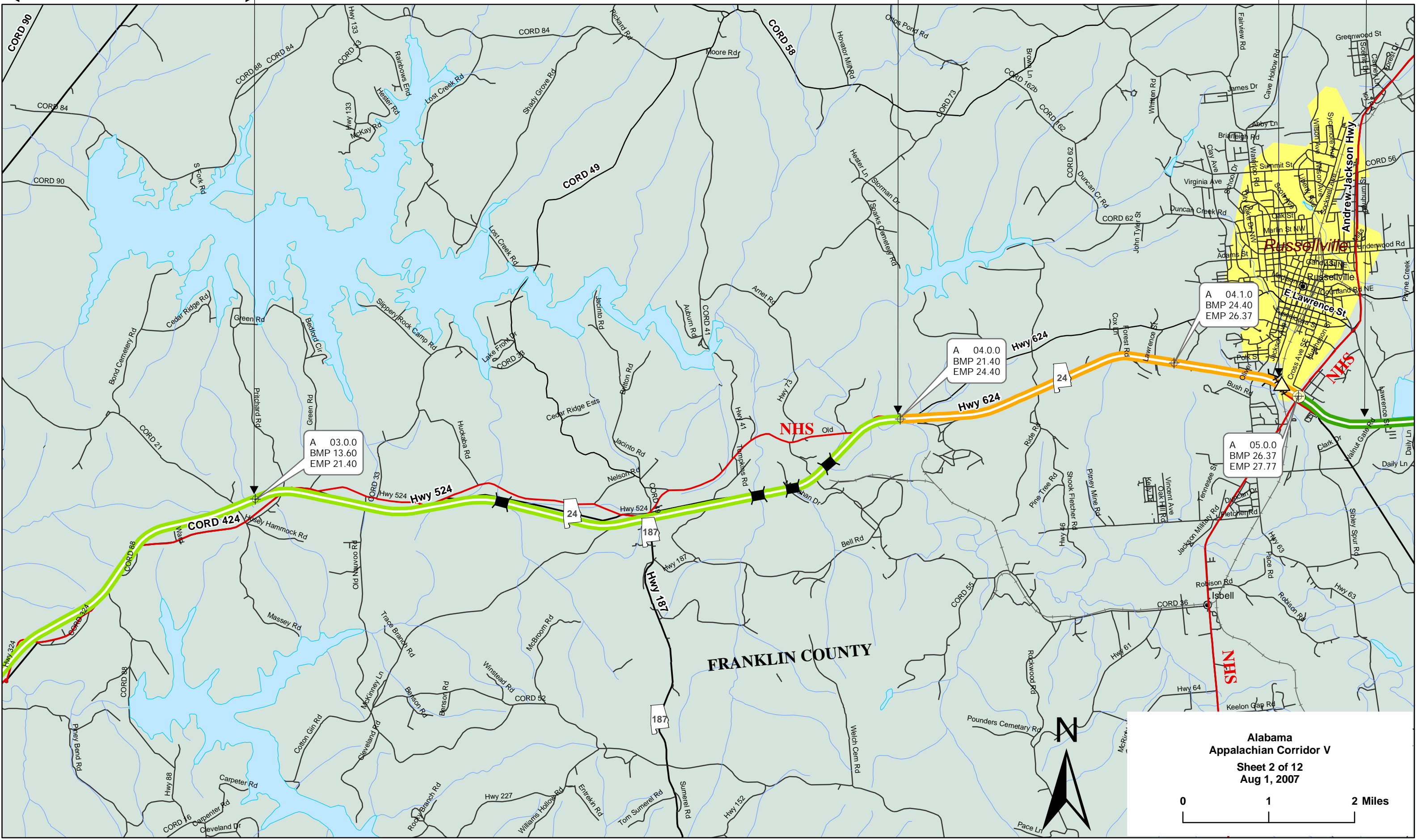
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 APD - 355 (11) E & C
 APD - 355 (16) E & C
 ACAPD - APD - 355 (11) C
 APD - 355 (501) C

APD - 355 (4) E
 APD - 355 (12) C
 APD - 355 (7) R
 APD - 355 (15) E & C APD - ACAPD - 355 (15) C
 APD - 355 (702)

APD - 355 (504)
 APD - 355 (33) E

APD - 355 (31) E & C
 APD - 355 (20) C
 DPS - 0009 (005) E
 APD - DPS - 0009 (008) R

APD - 355 (10) E



DPS - 0009 (006) E

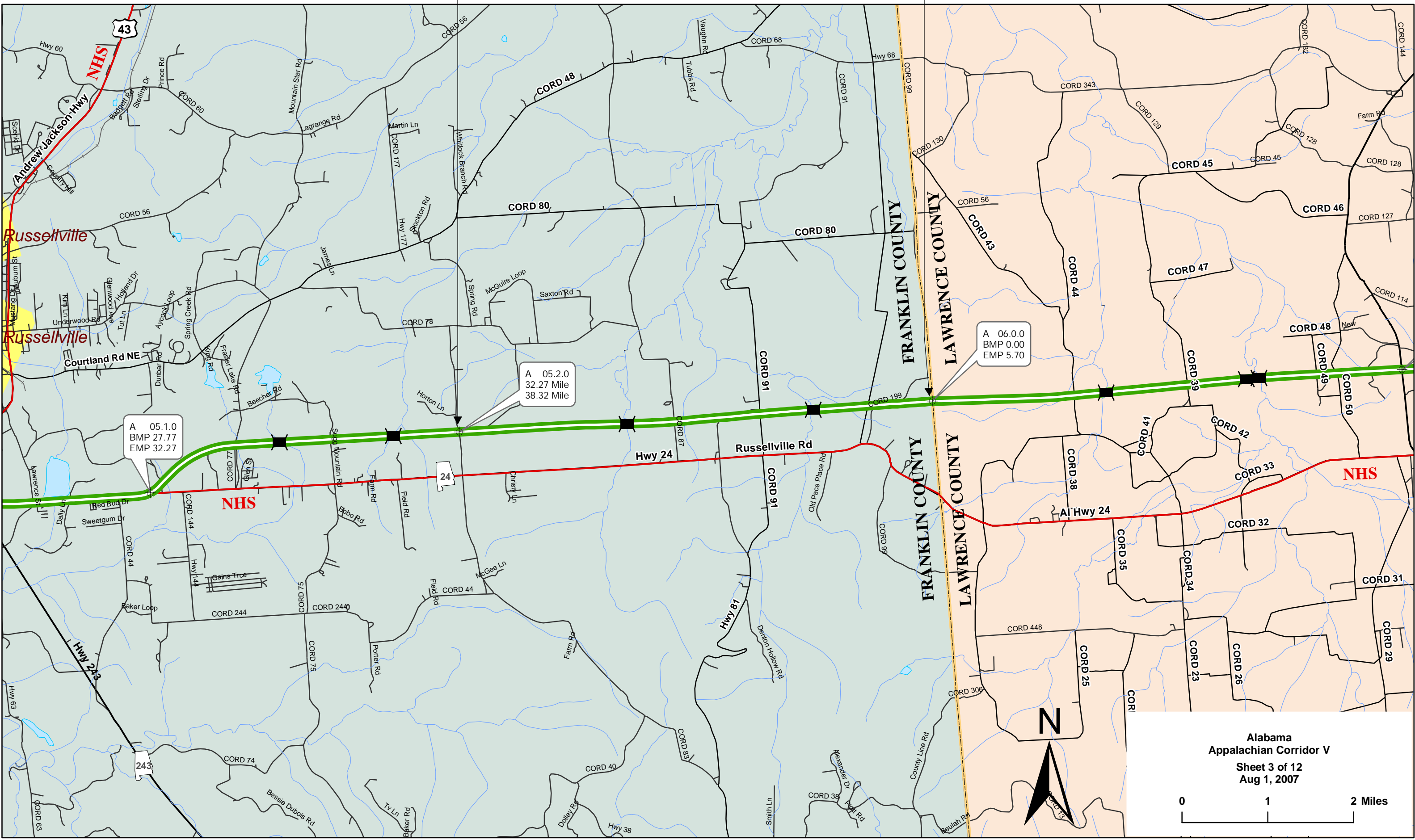
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APD - 355 (21) R

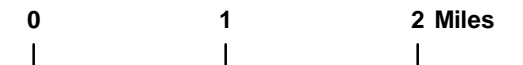
DPS - 0009 (001) E APD - 355 (36) (37) E & C
DPS - 0009 (10) R APD - DPS - 0009 (16) C
DPS - 0009 (13) C APD - 355 (25) C

DPS - 0009 (002) E APD - 355 (22) R & C
DPS - 0009 (14) E APD - 355 (28) E
APD - 355 (39) E & C APD - 355 (35) C

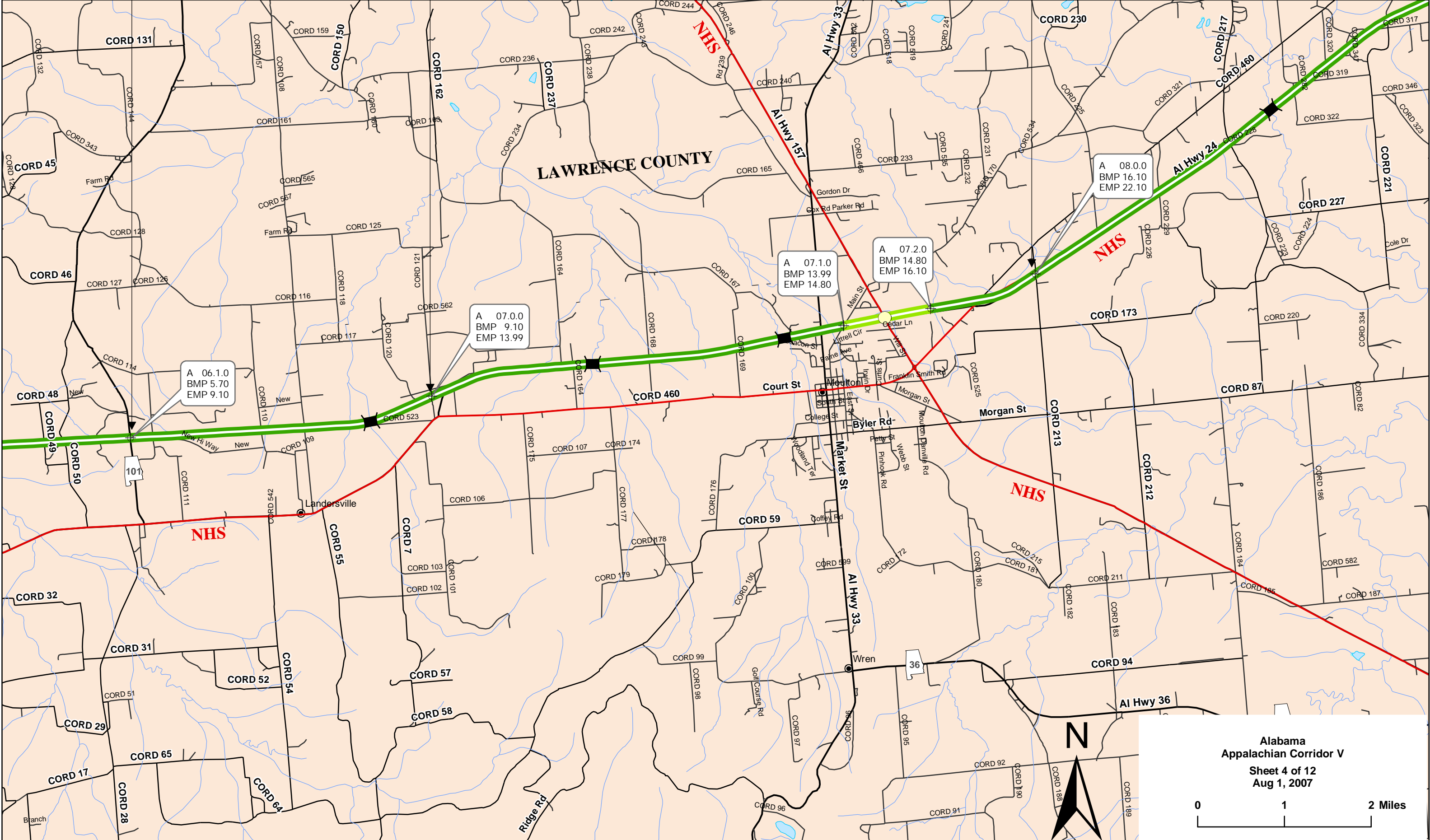
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DPS - 0009 (15) E APD - 355 (40) E & C APD - 0009 (3) C



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APD - 355 (21) R	APD - 355 (23) E & C	APD - 355 (8) R	APD - 119 (4) E
APD - 355 (19) R	APD - 355 (3) E	APD - 119 (5) R	
DPS - 0009 (003) E	APD - 355 (9) C	APD - 119 (7) E & C	
DPS - 0009 (004) E & C	APD - 355 (13) E & C	APD - 119 (10) E & C	
DPS - 009 (15) E			
APD - 355 (27) C			
APD - 355 (40) E & C			



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0 1 2 Miles

APD - 119 (4) E

APD - 152 (14) C

APD - 119 (5) R
APD - 119 (7) E & C

APD - 119 (8) R

APD - 119 (9) C

APD - 119 (11) E & C

APD - 152 (5) E

APD - 152 (6) R

APD - 152 (8) C

APD - 152 (10) C

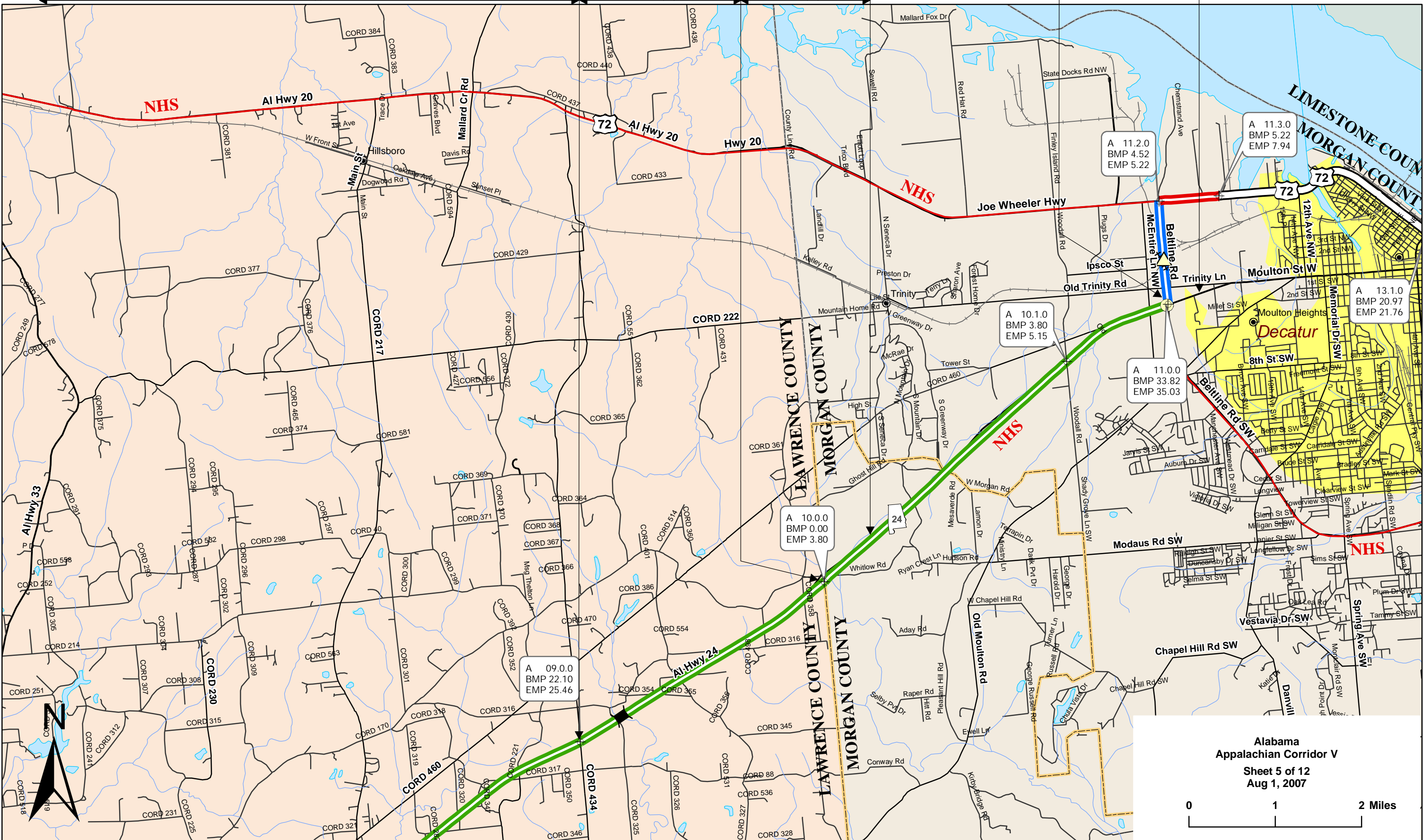
APD - 152 (13) E & C

APD - 0099

APD - 0067 (500)

APD - 152 (12) E & C

APD - 152 (11) E & C



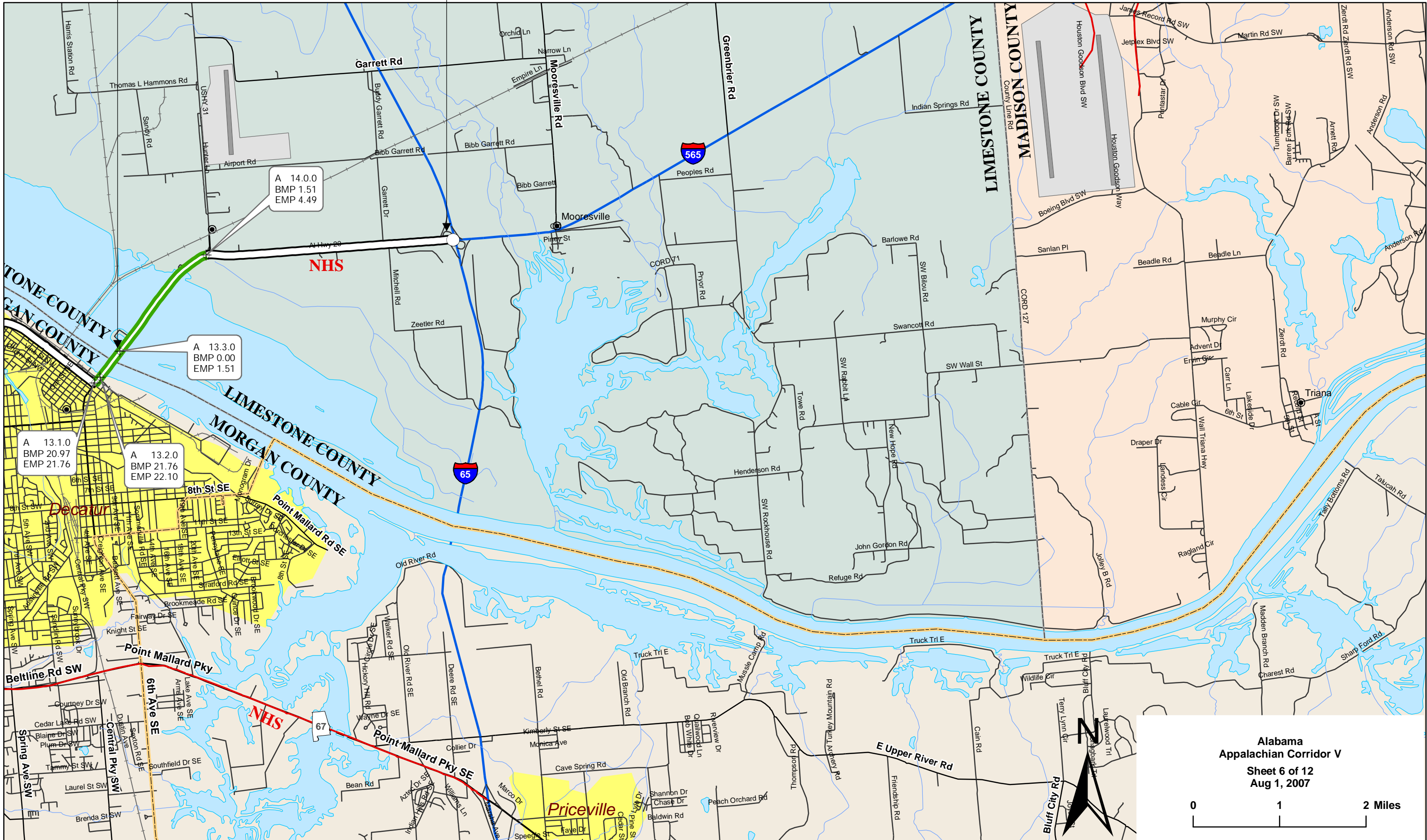
Alabama
Appalachian Corridor V
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DPS - 0012 (001) R
DPS - ACDPR - APD - 0012 (002) C
DPS - APD - 0012 (002) C
APD - 0012 (002) C
APD - 0152 (16) E & C

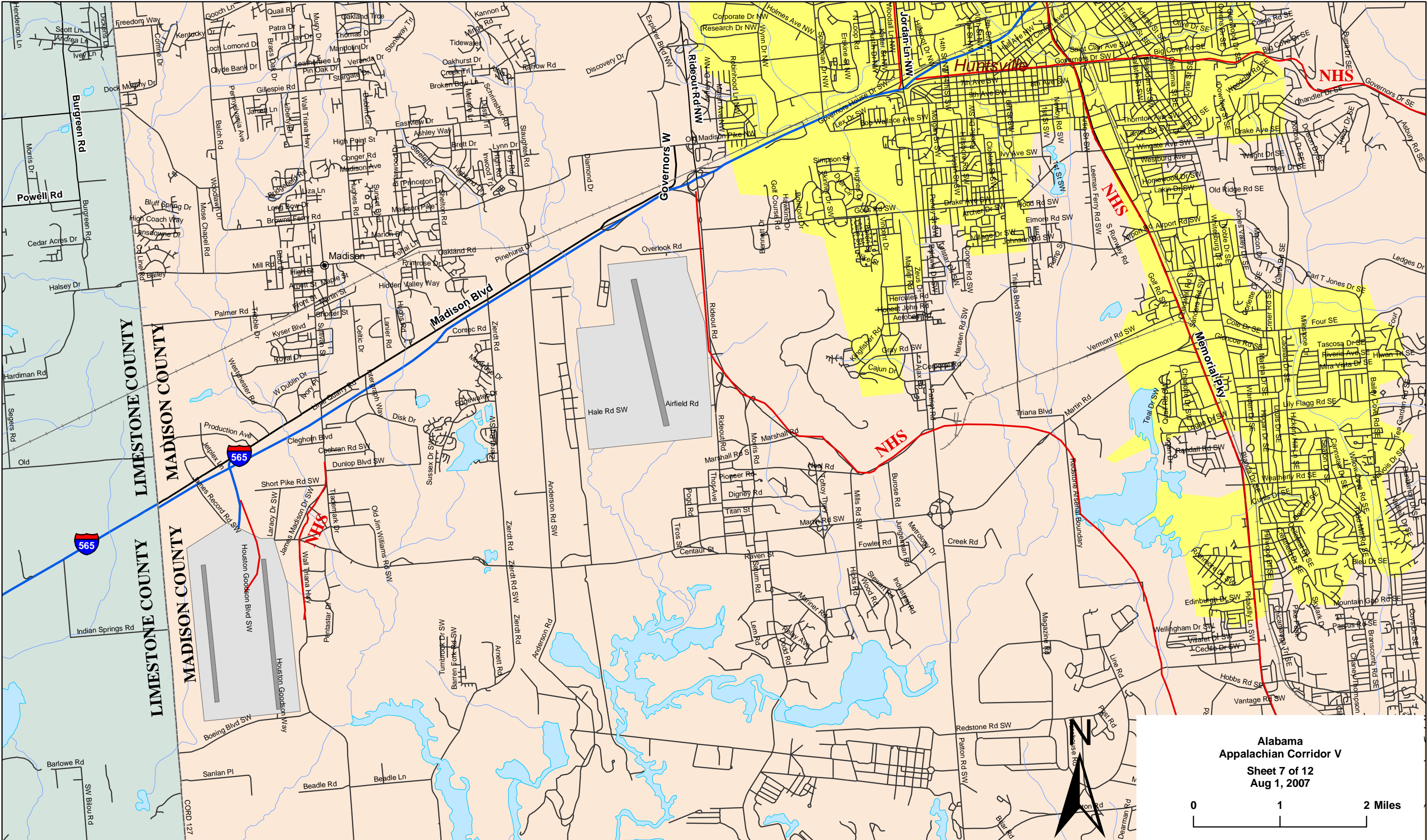
NOT A PART OF CORRIDOR V

PROPOSED I-565



Alabama
Appalachian Corridor V
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Alabama
Appalachian Corridor V
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NOT A PART OF CORRIDOR V

APD - 235 (28) C

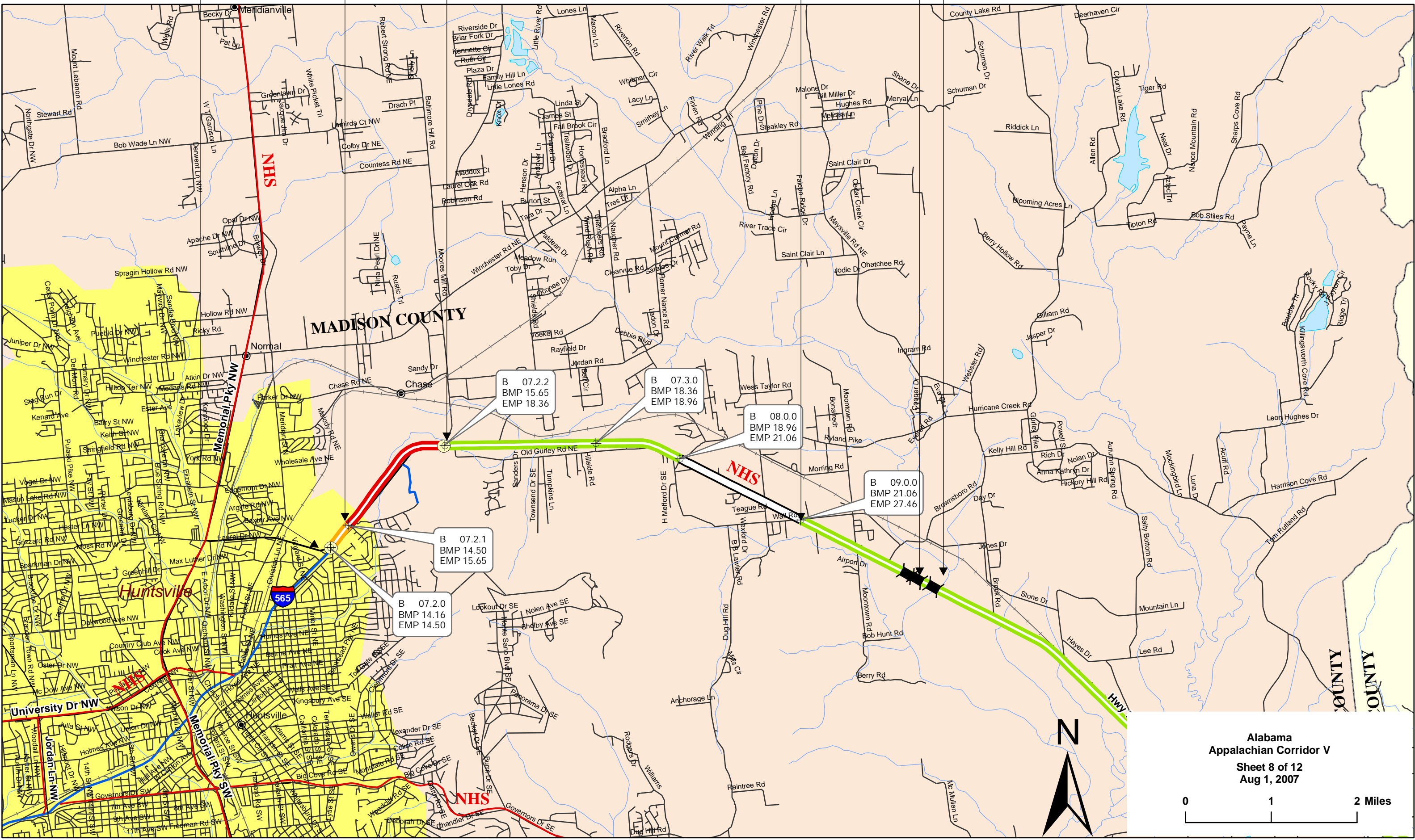
APD - 235 (32) E R & C

PROPOSED I-565

APD - 235 (045) E R & C

APD - 235 (500) E

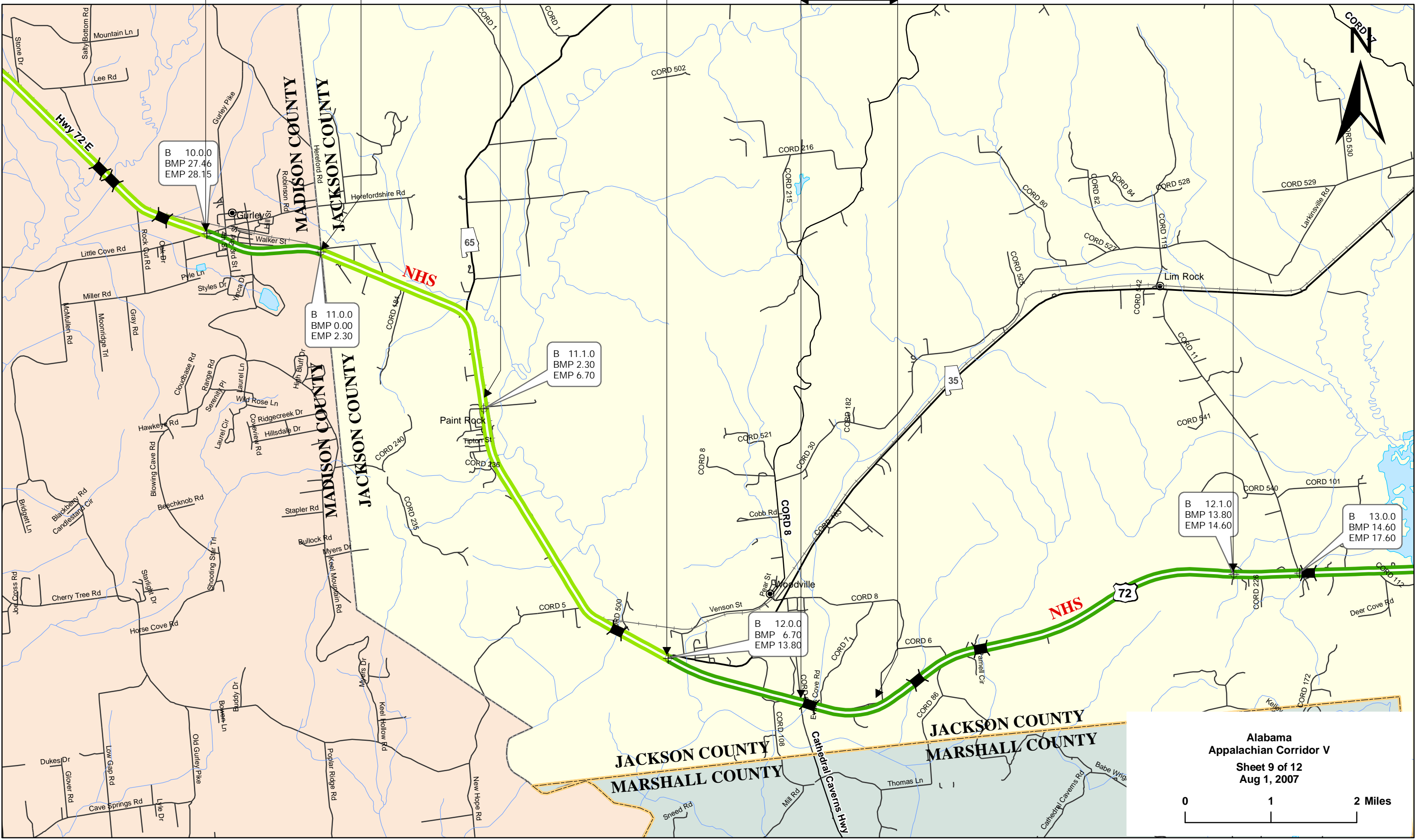
APD - 235 (40) E R & C



Alabama
Appalachian Corridor V
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APD - 235 (28) C APD - 235 (21) E & R APD - 235 (30) C
 APD - 235 (32) E R & C APD - 235 (22) C APD - 235 (23) C APD - 235 (19) E & R
 APD - 235 (33) E APD - 235 (20) C APD - 235 (18) C APD - 235 (17) C



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 Appalachian Corridor V**
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 Aug 1, 2007

0 1 2 Miles

APD - 235 (30) C
 APD - 235 (19) E & R
 APD - 235 (17) C
 APD - 235 (16) C
 APD - 235 (16) C
 APD - 235 (27) E & C
 APD - 37 (4) E
 APD - 37 (8) C
 APD - 37 (6) E & R
 APD - 37 (9) C
 APD - 37 (12) E & C



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 Appalachian Corridor V
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0 1 2 Miles

APD - 37 (6) E & R

APD - 37 (9) C

APD - 37 (12) E & C

APD - 37 (4) E

APD - 37 (10) E & C

APD - 37 (7) E & R

APD - 37 (13) C

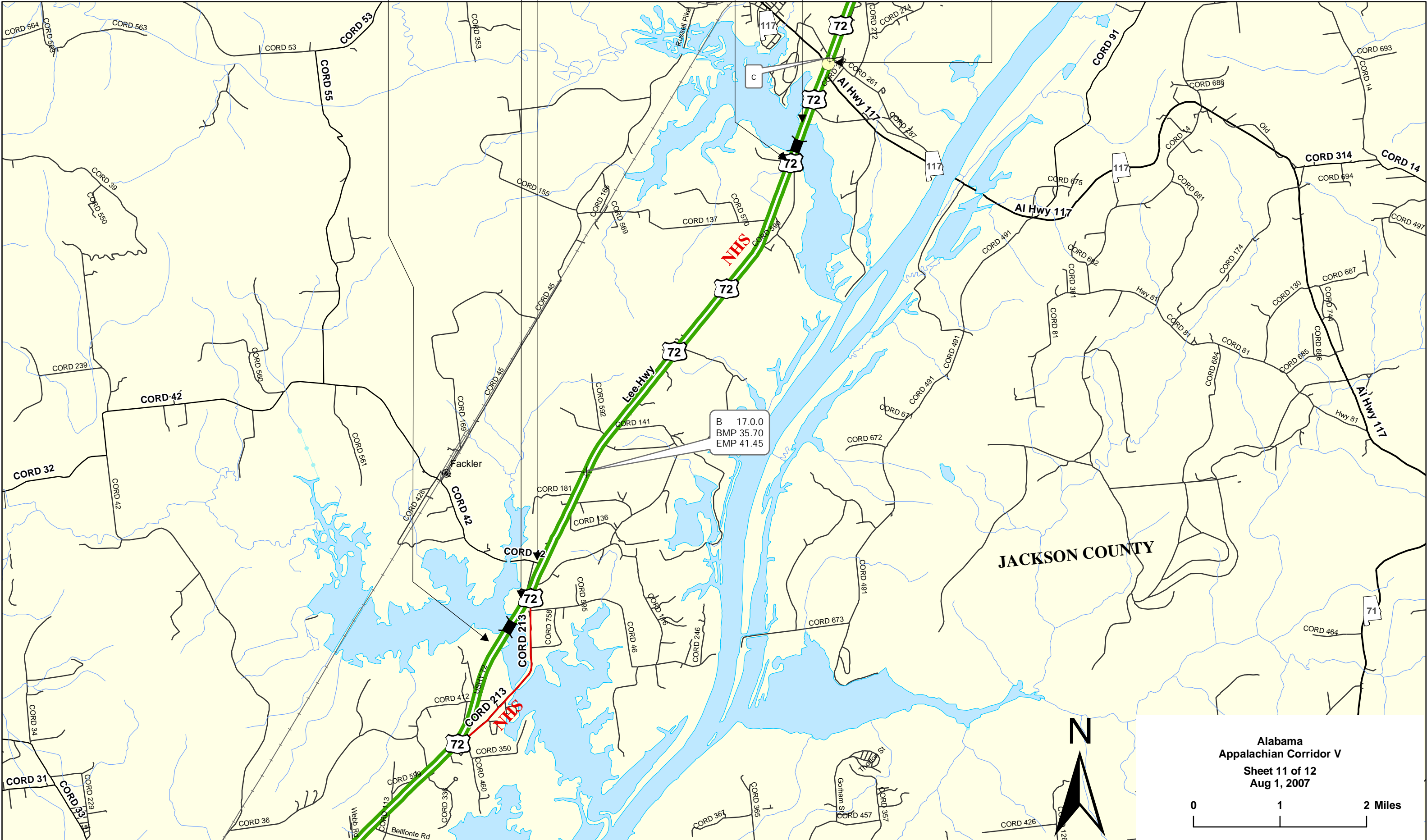
APD - 37 (14) E

APD - 37 (15) C

APD - 37 (11) E & C

APD - 322 (9) E

APD - 322 (11) E-R & C



B 17.0.0
 BMP 35.70
 EMP 41.45

JACKSON COUNTY

Alabama
 Appalachian Corridor V
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0 1 2 Miles

APD - 322 (11) E - R & C

APD - 322 (9) E

APD - 322 (12) E R & C

APD - 322 (13) E & R

APD - DPS - 0009 () E & C
APD - 322 (17) E & C
APD - 322 (19) E

APD - DPS - 0009 (12) E & C
DPS - 0009 (12) E & C
APD - 322 (16) E
APD - 322 (15) E & C

APD - DPS - 0009 (7) C

TENNESSEE

JACKSON COUNTY

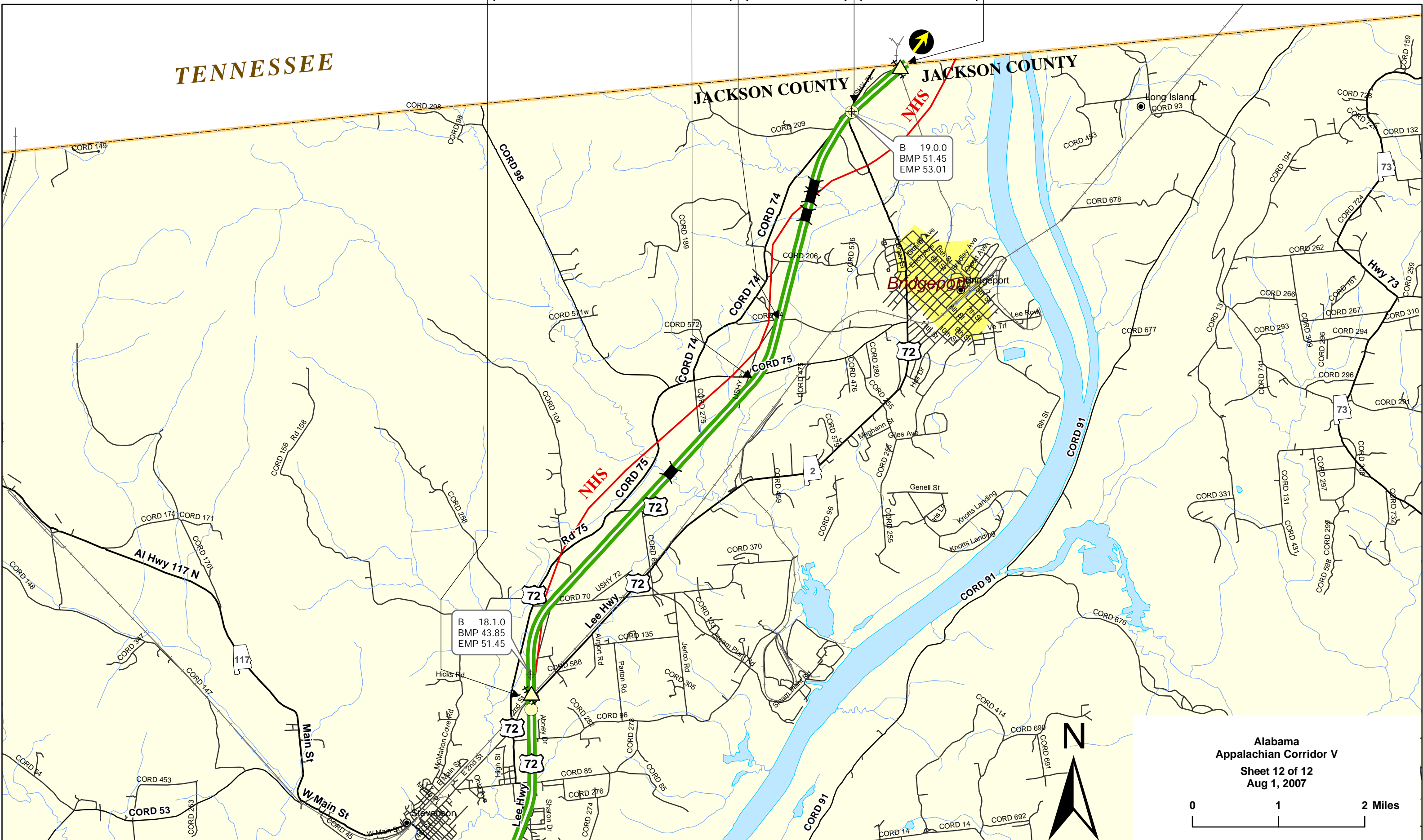
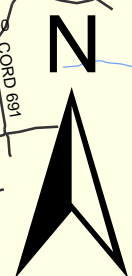
JACKSON COUNTY

B 19.00
BMP 51.45
EMP 53.01

B 18.10
BMP 43.85
EMP 51.45

Alabama
Appalachian Corridor V
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Aug 1, 2007

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: AL

ADHS Corridor: X

Section ID	A 01.0.0	A 02.0.0	A 02.1.0	A 02.2.0	A 02.3.0	A 02.4.0
LRS Milepoint: Beginning/Ending	0.000/6.400	6.400/7.790	7.790/11.490	11.490/16.190	16.190/22.190	22.190/25.790
Status	Stage Construction	Completed	Completed	Completed	Completed	Completed
1. Finance Code	21	20	20	20	20	20
2. Section Length(Miles)	6.4	1.8	3.7	4.7	6	3.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	01/093/04	01/093/04	01/093/04	01/093/04	01/093/04	01/093/04
---- b. HPMS Route/Subroute	00XS090004/00	00XS090004/00	00XS090004/00	00XS090004/00	00XS090004/00	00XS090004/00
---- c. HPMS Signed Route/Strip Map #	0000000004/X1	0000000004/X1	0000000004/X1	0000000004/X1	0000000004/X2	0000000004/X2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60	65	65
7. Traffic:						
---- a. ADT-Base Year (2005)	10,260	10,210	9,590	9,290	9,610	9,560
---- b. ADT-Year 2015	14,460	14,390	13,510	13,100	13,540	13,470
---- c. Design Year	2,004	2,007	2,006	2,006	2,009	2,012
---- d. ADT-Design Year	10,210	12,420	7,900	7,740	8,450	9,070
---- e. DHV-Design Year	1,020	1,370	870	850	1,010	1,090
---- f. % Truck Design Year(DHV)	26	26	29	29	30	30
---- g. % Truck Design Year(ADT)	35	34	39	39	40	40
---- h. Directional Distribution Factor	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	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	4/Full	4/Full	4/Full	4/Full	4/Full	4/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	64	64	64	64	64	64
13. Status of Development(Figure 4)	3a3a	1a	1a	1a	1a	1a

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	290	0	0	0	0	0
15. Right-of-Way:						
---- a. Acquisition	75	0	0	0	0	0
---- b. Relocation	0	0	0	0	0	0
16. Utility Adjustments	3,100	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	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	0	0	0	0	0	0
23. Traffic Control	20	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	7,750	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	7,770	0	0	0	0	0
28. Construction Engineering(13.00000000% of line 27)	1,010	0	0	0	0	0
29. Total Cost of Construction(lines 27 & 28)	8,780	0	0	0	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	12,857	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: AL

ADHS Corridor: X

Section ID	A 08.0.0	A 09.0.0	A 10.0.0	D 01.0.0	D 01.1.0	D 01.2.0
LRS Milepoint: Beginning/Ending	30.200/33.400	33.400/36.900	36.900/40.800	0.000/2.900	2.900/4.700	4.700/8.200
Status	Stage Construction	Stage Construction	Stage Construction	Stage Construction	Stage Construction	Stage Construction
1. Finance Code	21	21	21	21	21	21
2. Section Length(Miles)	3.2	3.5	4.2	4.2	1.8	3.5
3. Class/Urban Code	R/0	R/0	R/0	R/0	U/035	U/035
4. Location:						
---- a. FIPS State/County/Congressional	01/127/04	01/127/04	01/127/04	01/073/06	01/073/06	01/073/06
---- b. HPMS Route/Subroute	00XS127004/00	00XS127004/00	00XS127004/00	00XS073004/00	00XS073004/00	00XS073004/00
---- c. HPMS Signed Route/Strip Map #	0000000004/X7	0000000004/X7	0000000004/X7	0000000004/X8	0000000004/X8	0000000004/X8
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- a. ADT-Base Year (2005)	21,360	22,720	23,290	24,660	43,670	51,870
---- b. ADT-Year 2015	30,100	32,010	32,820	31,570	61,610	73,170
---- c. Design Year	2,020	2,020	2,020	2,020	2,019	2,020
---- d. ADT-Design Year	35,720	37,190	38,620	43,620	71,463	87,804
---- e. DHV-Design Year	3,930	4,090	4,250	4,800	7,861	9,658
---- f. % Truck Design Year(DHV)	20	19	18	18	15	15
---- g. % Truck Design Year(ADT)	26	25	24	24	20	20
---- h. Directional Distribution Factor	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	6	6	6	2	2	2
9. Ultimate Number of Through Traffic Lanes	6	6	6	8	8	8
10. Typical X-Section of Reference/Access Control	6/Full	6/Full	6/Full	8/Full	8/Full	8/Full
11. Right-of-Way Width(ft), prevailing	350	350	350	350	350	350
12. Median Width(ft), prevailing	74	74	74	50	50	50
13. Status of Development(Figure 4)	3a3d	3a3d	3a3d	3a3d	3a3d	3a3d

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	0	0	0	150	75	125
15. Right-of-Way:						
---- a. Acquisition	0	0	0	0	0	0
---- b. Relocation	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	1,152	1,260	1,512	5,221	2,237	4,351
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	0	0	0	0	0	0
23. Traffic Control	32	35	42	1,886	808	1,572
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	1,184	1,295	1,554	7,107	3,045	5,923
28. Construction Engineering(13.00000000% of line 27)	154	168	202	924	396	770
29. Total Cost of Construction(lines 27 & 28)	1,338	1,463	1,756	8,031	3,441	6,693
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	1,405	1,537	1,844	8,590	3,692	7,159

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

State: AL

ADHS Corridor: X

Section ID	D 01.3.0	D 04.0.0	D 05.0.0	D 06.0.0	D 06.1.0
LRS Milepoint: Beginning/Ending	8.200/10.500	10.500/11.200	11.200/12.400	12.400/13.900	15.050/12.350
Status	Stage Construction	Stage Construction	Stage Construction	Design/RoW	NP
1. Finance Code	21	21	21	23	20
2. Section Length(Miles)	2.3	1.4	1.2	1.8	2.7
3. Class/Urban Code	U/035	U/035	U/035	U/035	U/035
4. Location:					
---- a. FIPS State/County/Congressional	01/073/06	01/073/06	01/073/07	01/073/07	01/073/07
---- b. HPMS Route/Subroute	00XS073004/00	00XS073004/00	00XS073004/00	00XS073004/00	00XS073003/00
---- c. HPMS Signed Route/Strip Map #	0000000004/X8	0000000004/X9	0000000004/X9	0000000004/X9	0000000003/X9
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	2/NHS
6. Design Speed(mph)	70	70	70	70	50
7. Traffic:					
---- a. ADT-Base Year (2005)	51,880	56,370	57,180	34,637	16,350
---- b. ADT-Year 2015	74,610	81,060	82,230	48,859	23,520
---- c. Design Year	2,020	2,020	2,020	2,021	2,020
---- d. ADT-Design Year	89,381	97,111	98,519	87,210	27,859
---- e. DHV-Design Year	9,832	10,682	10,837	9,593	3,064
---- f. % Truck Design Year(DHV)	15	15	15	15	2
---- g. % Truck Design Year(ADT)	20	20	20	20	3
---- h. Directional Distribution Factor	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	2	8	8	8	0
9. Ultimate Number of Through Traffic Lanes	8	8	8	8	4
10. Typical X-Section of Reference/Access Control	8/Full	8/Full	8/Full	8/Full	2/Partial
11. Right-of-Way Width(ft), prevailing	350	350	350	350	150
12. Median Width(ft), prevailing	50	50	50	50	30
13. Status of Development(Figure 4)	3a3d	3a3d	3a3d	4a1	np

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

14. Preliminary Engineering:					
---- a. Location	0	0	0	0	0
---- b. Design	100	250	250	250	0
15. Right-of-Way:					
---- a. Acquisition	0	0	0	0	0
---- b. Relocation	0	0	0	0	0
16. Utility Adjustments	0	0	0	11,582	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	8,308	0
18. Subbase, Base, Surfacing, Shoulders	2,859	7,621	6,533	10,783	0
19. Railroad Grade Separations	0	0	0	1,119	0
20. Highway Grade Separations without Ramps	0	0	0	0	0
21. Interchanges	0	0	0	180,659	0
22. Other Bridges, Tunnels, and Walls	0	0	0	695	0
23. Traffic Control	1,033	888	799	1,405	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)	3,892	8,509	7,332	202,969	0
28. Construction Engineering(13.00000000% of line 27)	506	1,106	953	26,386	0
29. Total Cost of Construction(lines 27 & 28)	4,398	9,615	8,285	229,355	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	4,723	10,358	8,962	253,246	0

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

State: AL

ADHS Corridor: X

Section ID LRS Milepoint	Corridor Total	Rural Subtotal	Urban Subtotal
1. Finance Code			
2. Section Length(Miles)	98.00	83.30	14.70
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	1,490	440	1,050
15. Right-of-Way:			
---- a. Acquisition	75	75	0
---- b. Relocation	0	0	0
16. Utility Adjustments	14,682	3,100	11,582
17. Erosion Control/Clear/Grade/Drain/Minor Structure	8,308	0	8,308
18. Subbase, Base, Surfacing, Shoulders	44,969	10,585	34,384
19. Railroad Grade Separations	1,119	0	1,119
20. Highway Grade Separations without Ramps	0	0	0
21. Interchanges	180,659	0	180,659
22. Other Bridges, Tunnels, and Walls	695	0	695
23. Traffic Control	8,560	2,055	6,505
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- a. Landscape Planting	0	0	0
---- b. Rest Area, Overlooks	7,750	7,750	0
26. All Other Items	0	0	0
27. Subtotal(lines 17 thru 26)	252,060	20,390	231,670
28. Construction Engineering(13.00000000% of line 27)	32,768	2,651	30,117
29. Total Cost of Construction(lines 27 & 28)	284,828	23,041	261,787
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	316,129	27,988	288,140



MISSISSIPPI

MARION COUNTY

MARION COUNTY

A 01.0.0
BMP 0.00
EMP 6.40

A 02.0.0
BMP 6.40
EMP 7.79

A 02.1.0
BMP 7.79
EMP 11.49

A 02.2.0
RMP 11.49

APD-471(4) E-R & C
APD-471(20) E & C

APD-471(1) E

APD-471(16) E & C

APD-471(5) E

APD-471(17) E & C

APD-471(8) E & R

APD-471(21) E & C

APD-472(30)C

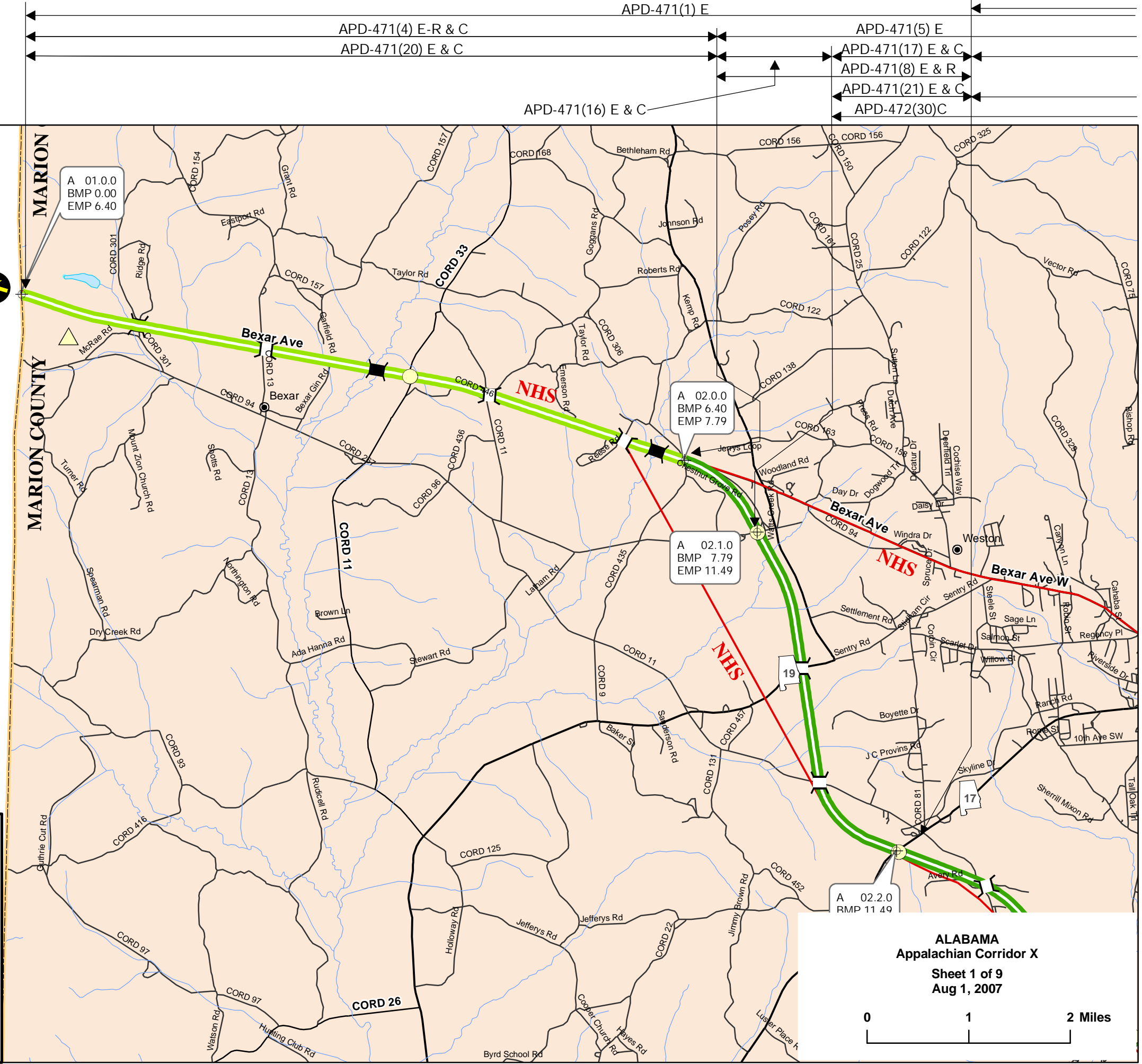
LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS

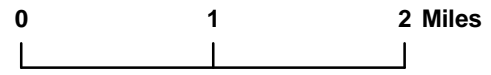
- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- Toll Bridge, Highway

- 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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APD-471(1) E

APD-471(23) C

APD-471(29) E & C

APD-471(2) E

APD-471(5) E

APD-471(9) E & C

APD-471(10) E & C

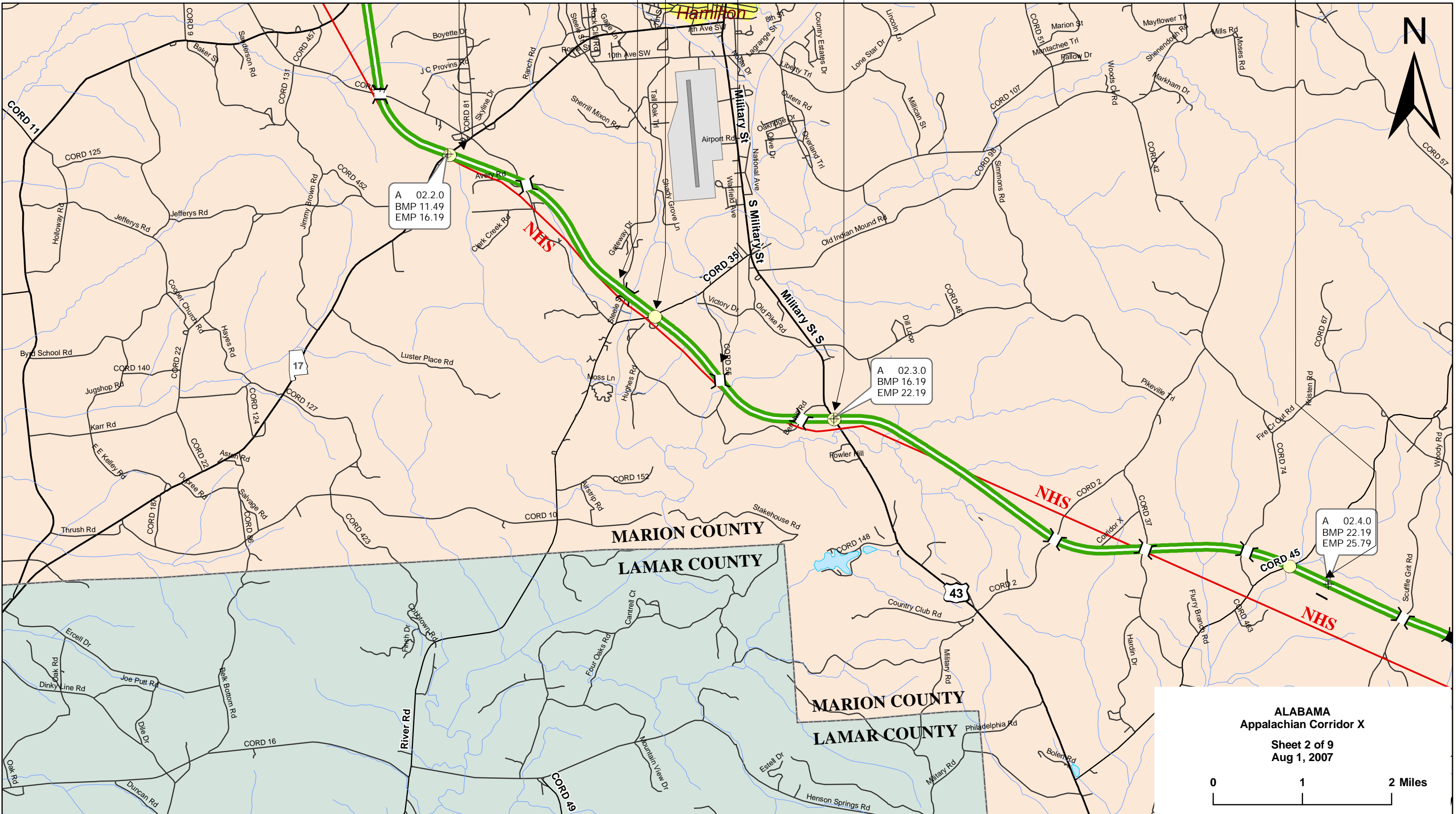
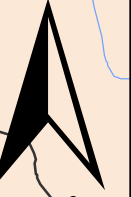
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APD-471(22) E & C

APD-471(62) E

APD-471(30) C

N



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EMP 16.19

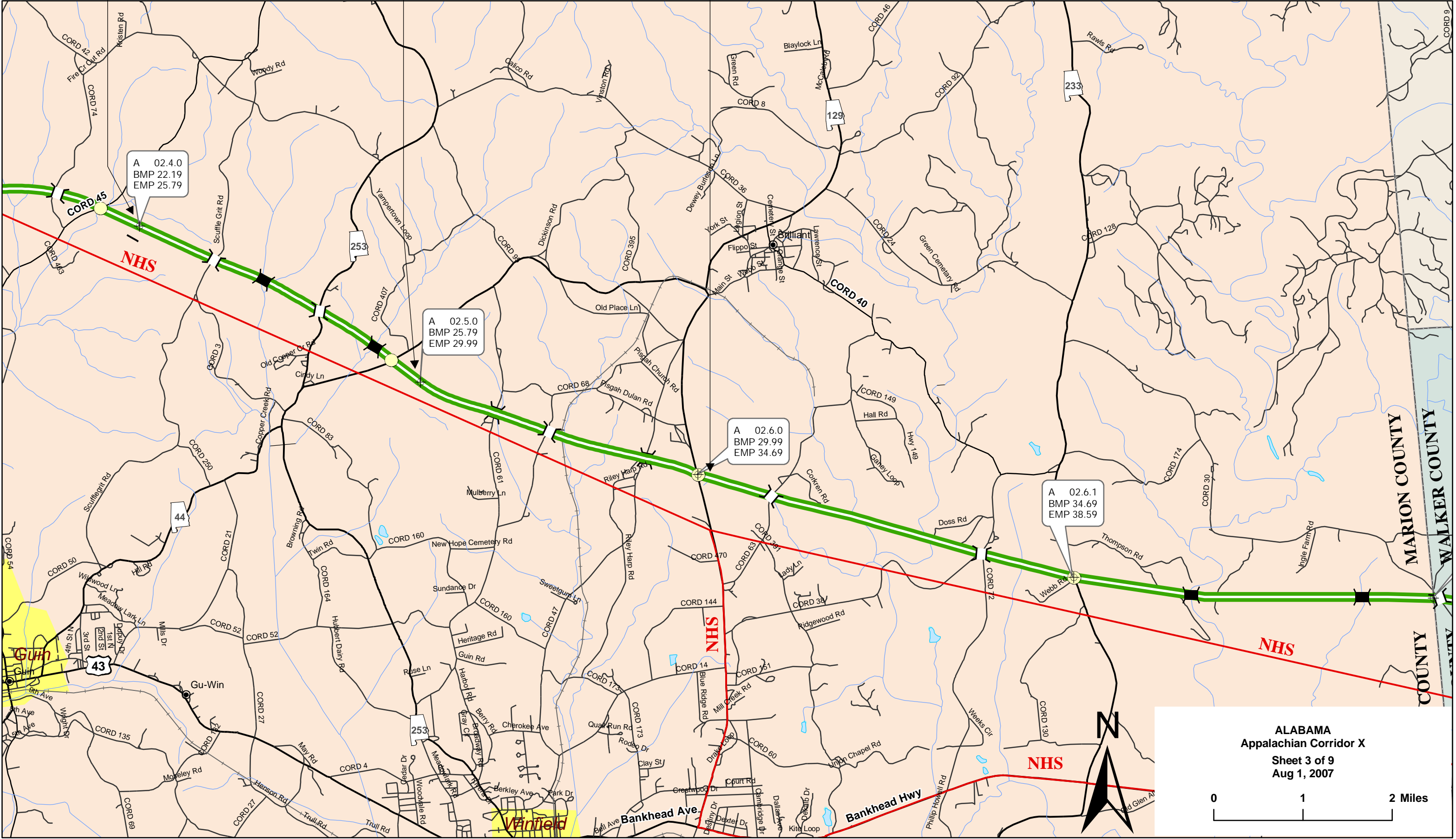
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EMP 22.19

A 02.4.0
BMP 22.19
EMP 25.79

ALABAMA
Appalachian Corridor X
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Aug 1, 2007

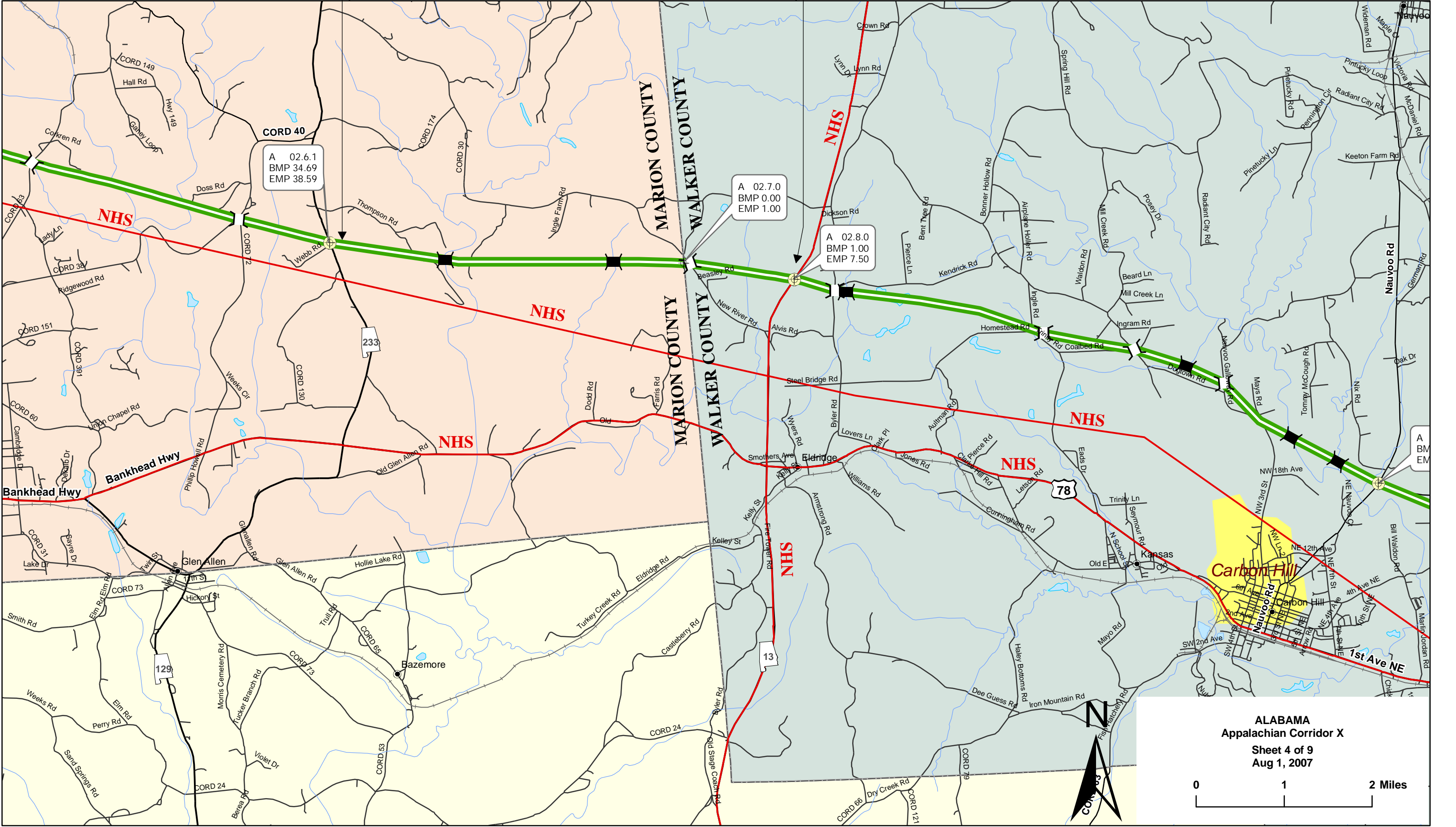
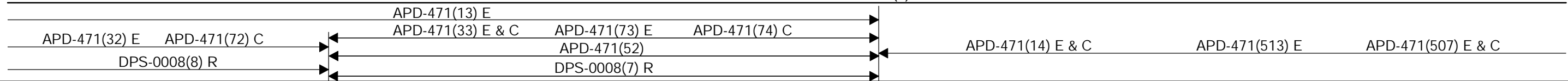


APD-471(2) E
 APD-471(6) E
 APD-471(11) E R & C APD-471(48) E & C
 APD-471(62) E
 APD-471(70) E & C
 APD-471(12) E & R
 APD-DPS-0008(2) C
 APD-000(2) C
 APD-471(13) E
 APD-471(32) E & C APD-471(72) E & C
 DPS-0008(8) R



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 Appalachian Corridor X
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0 1 2 Miles



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Appalachian Corridor X
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Aug 1, 2007

0 1 2 Miles

APD-471(6) E

APD-471(2) E

DE-471(24) E

APD-471(3) E

DE-DPS-0008(004) E R & C

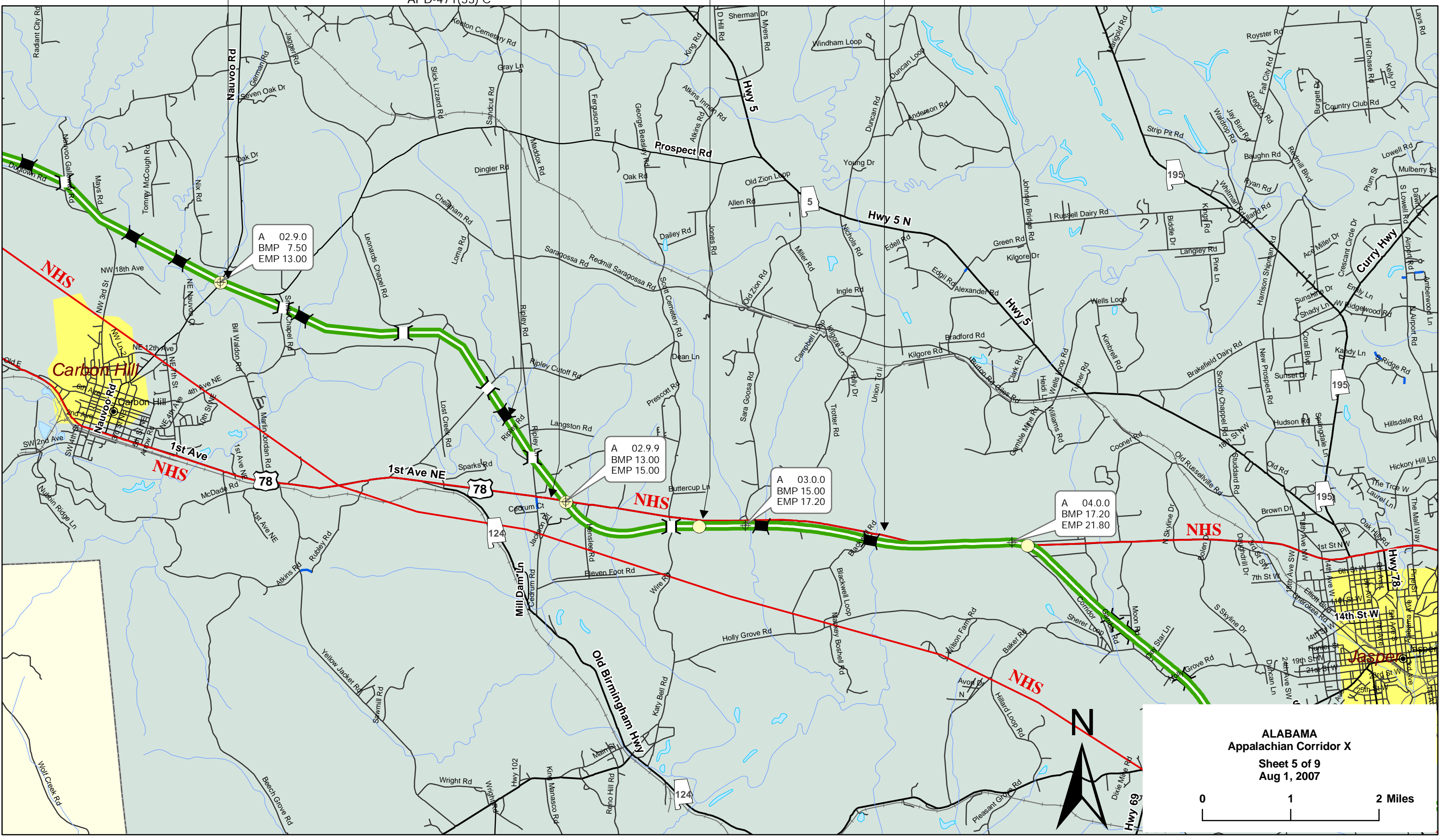
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APD-471(513) E
APD-471(507) E & C

APD-471(15) E & R
DPS-0008(3) C
APD-0008(3) C
APD-471(520)
DPS-0008(9) E

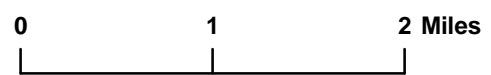
APD-471(39) E R & C

APD-471(40) E & C
APD-DE-371(40) R

APD-471(53) C



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DE-DPS-0008(004) E R & C
APD-0008(004) C
APD-471(41) E
DE-APD-471(41) E

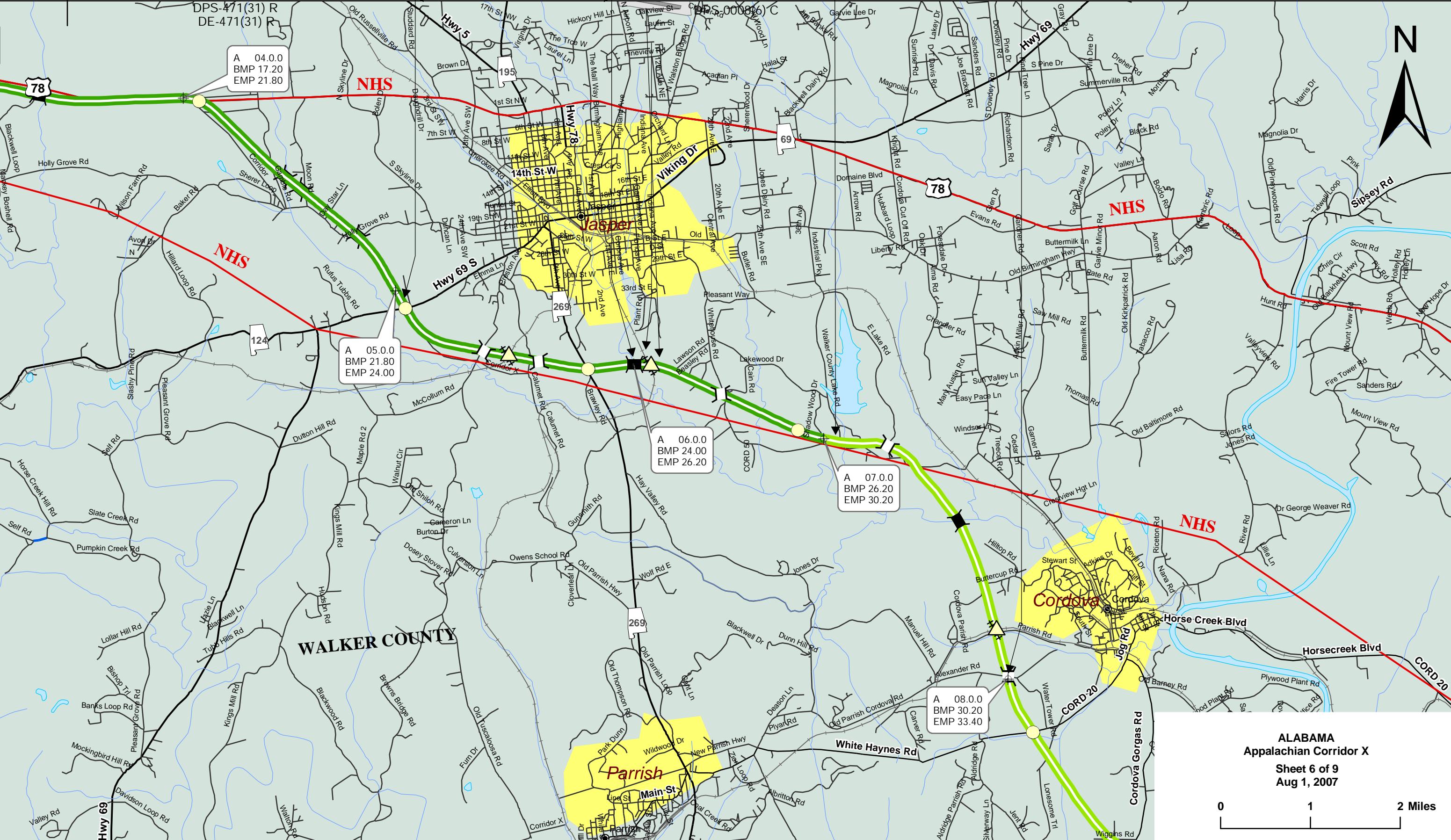
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APD-471(50) (52) C
APD-471(49) E
DPS-0008(001) C

APD-471(59) E & C
APD-471(69) C
DPS-0008(005) C
APD-471(430) E DE-APD-471(43) E

APD-471(44) E & C
APD-DE-471(44) R
APD-471(508) E

APD-471(523)

DPS-471(31) R
DE-471(31) R



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EMP 21.80

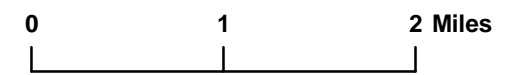
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EMP 24.00

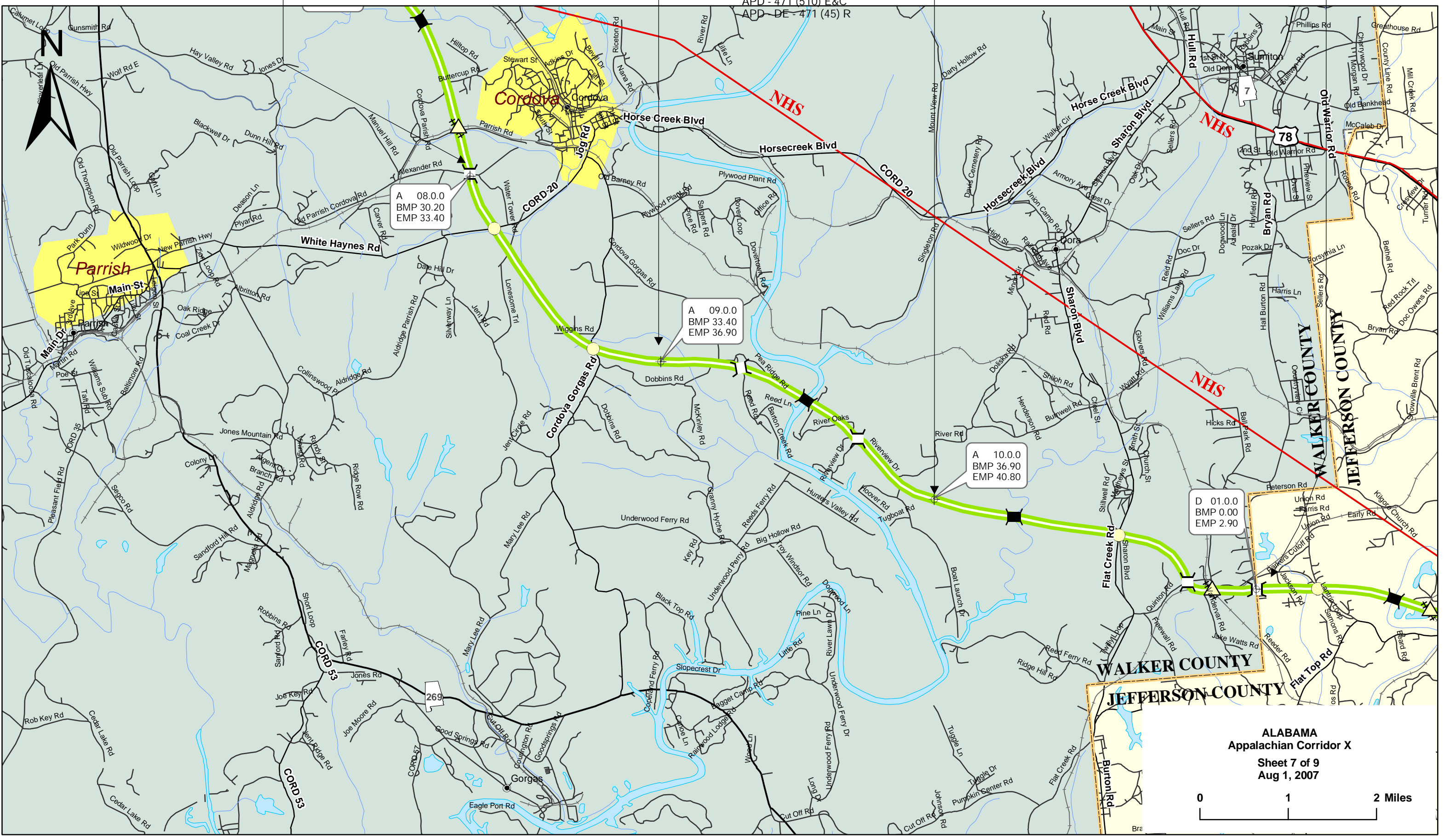
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EMP 26.20

A 07.0.0
BMP 26.20
EMP 30.20

A 08.0.0
BMP 30.20
EMP 33.40

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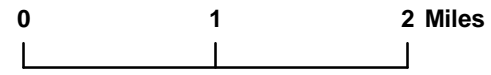
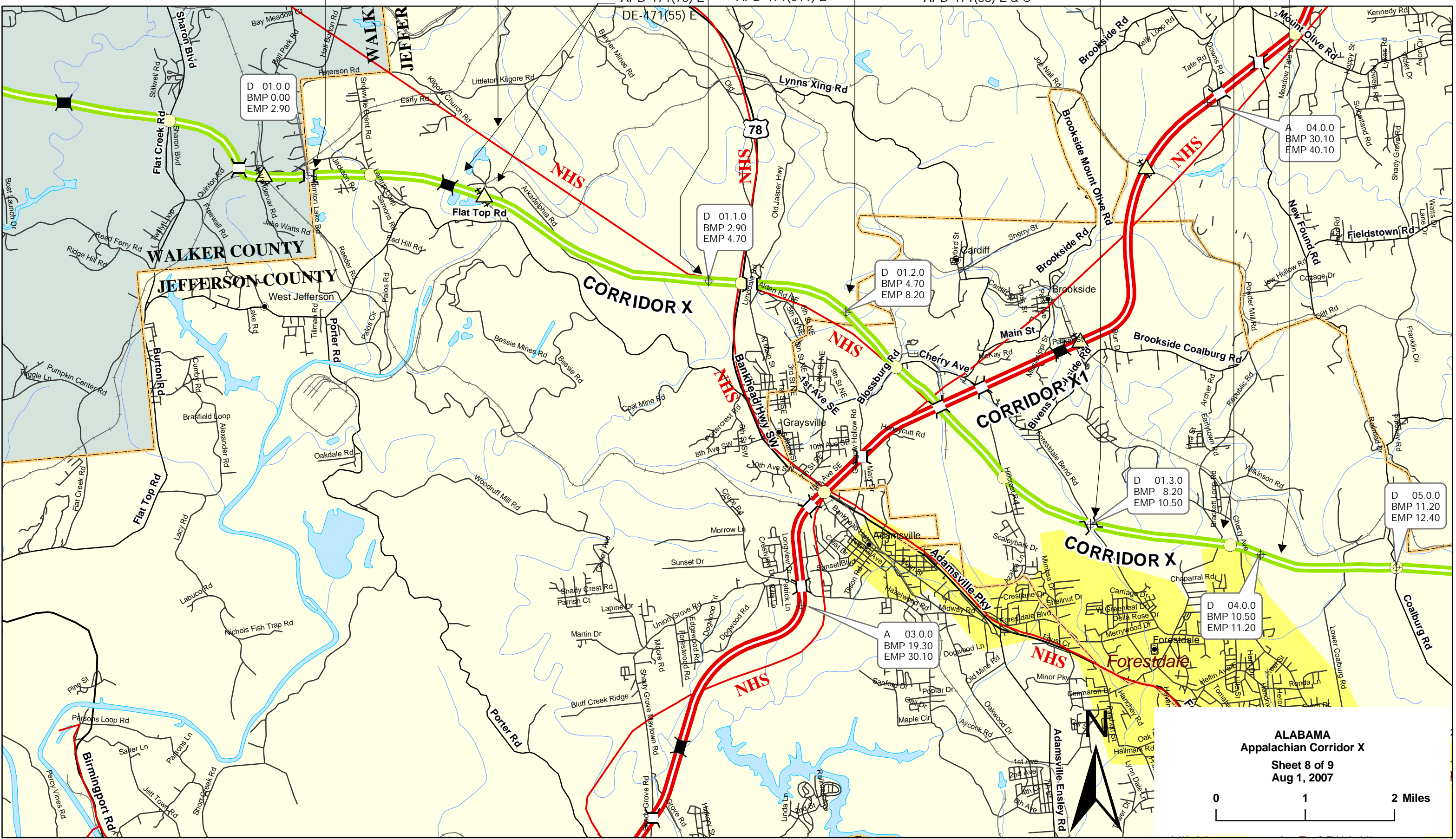
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EMP 33.40

A 09.0.0
BMP 33.40
EMP 36.90

A 10.0.0
BMP 36.90
EMP 40.80

D 01.0.0
BMP 0.00
EMP 2.90





APD-471(7) E & R

APD-471(26) E

APD-471(37) E & C DE-471(37) E

APD-471(27) E

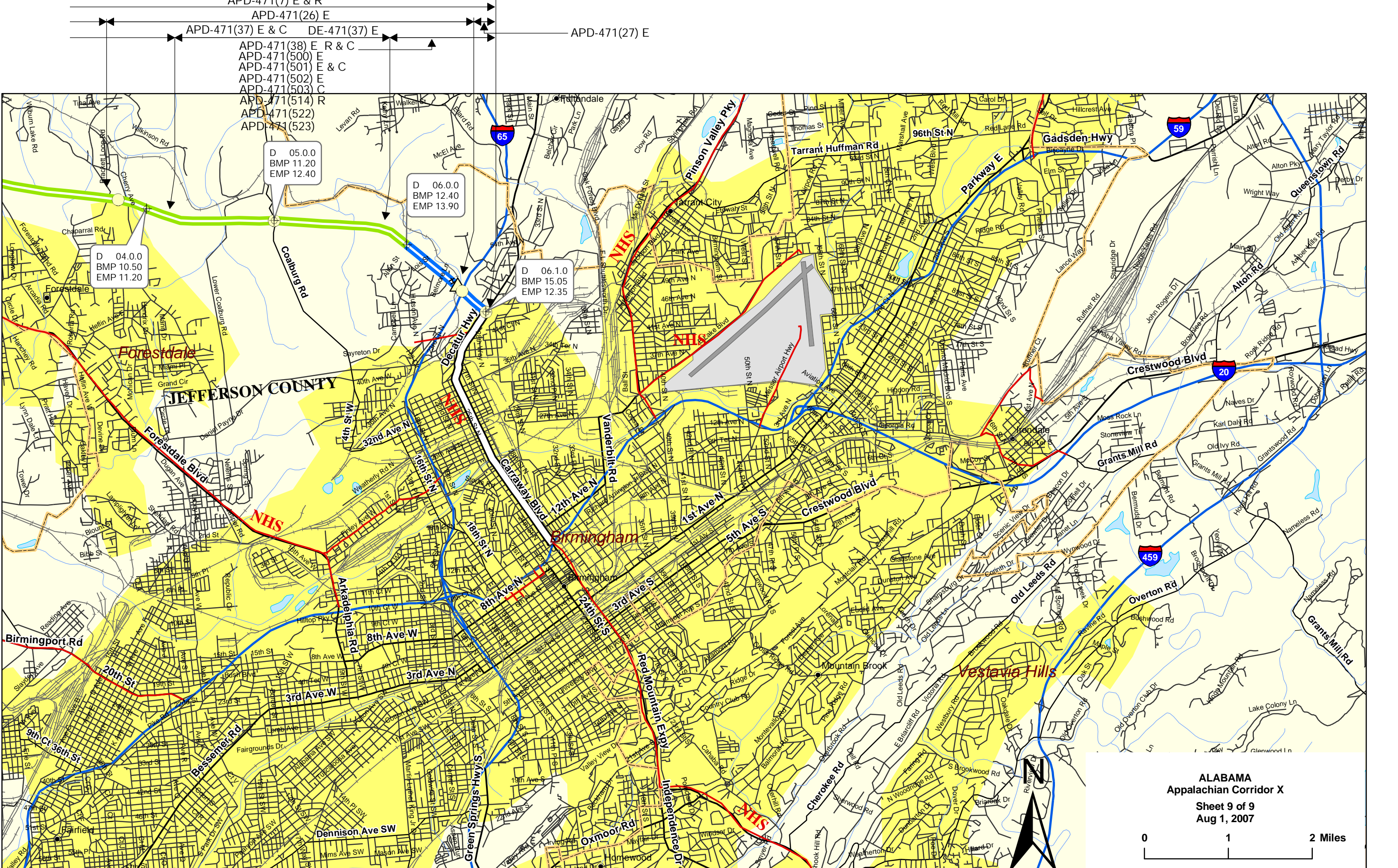
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- APD-471(500) E
- APD-471(501) E & C
- APD-471(502) E
- APD-471(503) C
- APD-471(514) R
- APD-471(522)
- APD-471(523)

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BMP 11.20
EMP 12.40

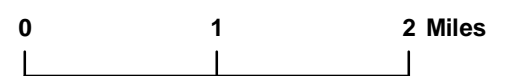
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BMP 12.40
EMP 13.90

D 04.0.0
BMP 10.50
EMP 11.20

D 06.1.0
BMP 15.05
EMP 12.35



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

State: AL

ADHS Corridor: X1

Section ID	A01.0.0	A02.0.0	A03.0.0	A04.0.0	A05.0.0	A05.1.0
LRS Milepoint: Beginning/Ending	0.000/9.000	9.000/19.300	19.300/30.100	30.100/40.100	40.100/42.500	42.500/45.700
Status	Location Study	Location Study	Location Study	Location Study	Location Study	Design/RoW
1. Finance Code	23	23	23	23	23	23
2. Section Length(Miles)	9	10.3	10.8	10	2.4	3.2
3. Class/Urban Code	U/035	U/035	U/035	U/035	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	01/073/06	01/073/06	01/073/06	01/073/06	01/073/06	01/073/06
---- b. HPMS Route/Subroute	00XS073NBL/00	00XS073NBL/00	00XS073NBL/00	00XS073NBL/00	00XS073NBL/00	00XS073NBL/00
---- c. HPMS Signed Route/Strip Map #	0000000959/	0000000959/	0000000959/	0000000959/	0000000959/	0000000959/
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- a. ADT-Base Year (2005)	20,206	22,378	21,506	24,228	21,562	21,562
---- b. ADT-Year 2015	25,864	28,644	27,528	31,012	27,600	27,600
---- c. Design Year	2,025	2,025	2,025	2,025	2,025	2,025
---- d. ADT-Design Year	33,124	36,686	35,566	39,700	35,350	35,350
---- e. DHV-Design Year	4,770	5,283	5,121	5,717	5,090	5,090
---- f. % Truck Design Year(DHV)	9	8	8	8	8	8
---- g. % Truck Design Year(ADT)	12	11	11	11	11	11
---- h. Directional Distribution Factor	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	8	8	8	8	8	8
9. Ultimate Number of Through Traffic Lanes	8	8	8	8	8	8
10. Typical X-Section of Reference/Access Control	BNB/Full	BNB/Full	BNB/Full	BNB/Full	BNB/Full	BNB/Full
11. Right-of-Way Width(ft), prevailing	500	500	500	500	500	500
12. Median Width(ft), prevailing	26	26	26	26	26	26
13. Status of Development(Figure 4)	5a1	5a1	5a1	5a1	5a1	4a3

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

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	35,140	17,047	20,203	30,182	2,664	12,320
15. Right-of-Way:						
---- a. Acquisition	72,480	40,016	65,376	75,200	6,528	32,704
---- b. Relocation	0	0	0	0	0	0
16. Utility Adjustments	5,490	6,283	6,588	6,100	1,464	1,952
17. Erosion Control/Clear/Grade/Drain/Minor Structure	32,773	34,694	37,670	31,982	9,041	12,054
18. Subbase, Base, Surfacing, Shoulders	47,363	50,127	54,440	46,232	13,065	17,421
19. Railroad Grade Separations	0	14,552	24,110	0	0	0
20. Highway Grade Separations without Ramps	47,880	10,480	8,490	12,902	2,422	816
21. Interchanges	139,336	12,165	48,785	124,755	0	33,889
22. Other Bridges, Tunnels, and Walls	47,075	31,906	9,648	59,093	0	46,121
23. Traffic Control	7,584	8,606	8,340	7,750	2,090	2,788
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- a. Landscape Planting	0	0	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	322,011	162,530	191,483	282,714	26,618	113,089
28. Construction Engineering(13.00000000% of line 27)	41,861	21,129	24,893	36,753	3,460	14,702
29. Total Cost of Construction(lines 27 & 28)	363,872	183,659	216,376	319,467	30,078	127,791
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	500,832	259,355	323,970	452,496	42,771	183,505

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

State: AL

ADHS Corridor: X1

Section ID	A05.2.0	A05.3.0	B01.0.0
LRS Milepoint: Beginning/Ending	45.700/49.900	49.900/52.500	52.500/65.000
Status	Location Study	Location Study	Location Study
1. Finance Code	23	23	23
2. Section Length(Miles)	4.2	2.6	12.5
3. Class/Urban Code	U/035	U/035	R/0
4. Location:			
---- a. FIPS State/County/Congressional	01/073/06	01/073/06	01/115/06
---- b. HPMS Route/Subroute	00XS073NBL/00	00XS073NBL/00	00XS073NBL/00
---- c. HPMS Signed Route/Strip Map #	0000000959/	0000000959/	0000000959/
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70
7. Traffic:			
---- a. ADT-Base Year (2005)	21,562	21,562	22,867
---- b. ADT-Year 2015	27,600	27,600	29,270
---- c. Design Year	2,025	2,025	2,025
---- d. ADT-Design Year	35,350	35,350	37,470
---- e. DHV-Design Year	5,090	5,090	4,496
---- f. % Truck Design Year(DHV)	8	8	8
---- g. % Truck Design Year(ADT)	11	11	11
---- h. Directional Distribution Factor	60	60	60
8. Number of Lanes to be Constructed this Estimate	8	8	8
9. Ultimate Number of Through Traffic Lanes	8	8	8
10. Typical X-Section of Reference/Access Control	BNB/Full	BNB/Full	BNB/Full
11. Right-of-Way Width(ft), prevailing	500	500	500
12. Median Width(ft), prevailing	26	26	26
13. Status of Development(Figure 4)	5a1	5a1	5a3

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

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	8,237	19,584	24,963
15. Right-of-Way:			
---- a. Acquisition	23,424	19,072	64,832
---- b. Relocation	0	0	0
16. Utility Adjustments	2,562	1,586	6,466
17. Erosion Control/Clear/Grade/Drain/Minor Structure	15,821	53,629	52,258
18. Subbase, Base, Surfacing, Shoulders	22,865	17,636	68,051
19. Railroad Grade Separations	0	0	5,150
20. Highway Grade Separations without Ramps	32,014	2,096	5,150
21. Interchanges	3,862	100,139	63,104
22. Other Bridges, Tunnels, and Walls	0	0	20,600
23. Traffic Control	3,659	3,108	6,600
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)	78,221	176,608	220,913
28. Construction Engineering(13.00000000% of line 27)	10,169	22,959	28,719
29. Total Cost of Construction(lines 27 & 28)	88,390	199,567	249,632
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	128,743	251,799	363,187

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

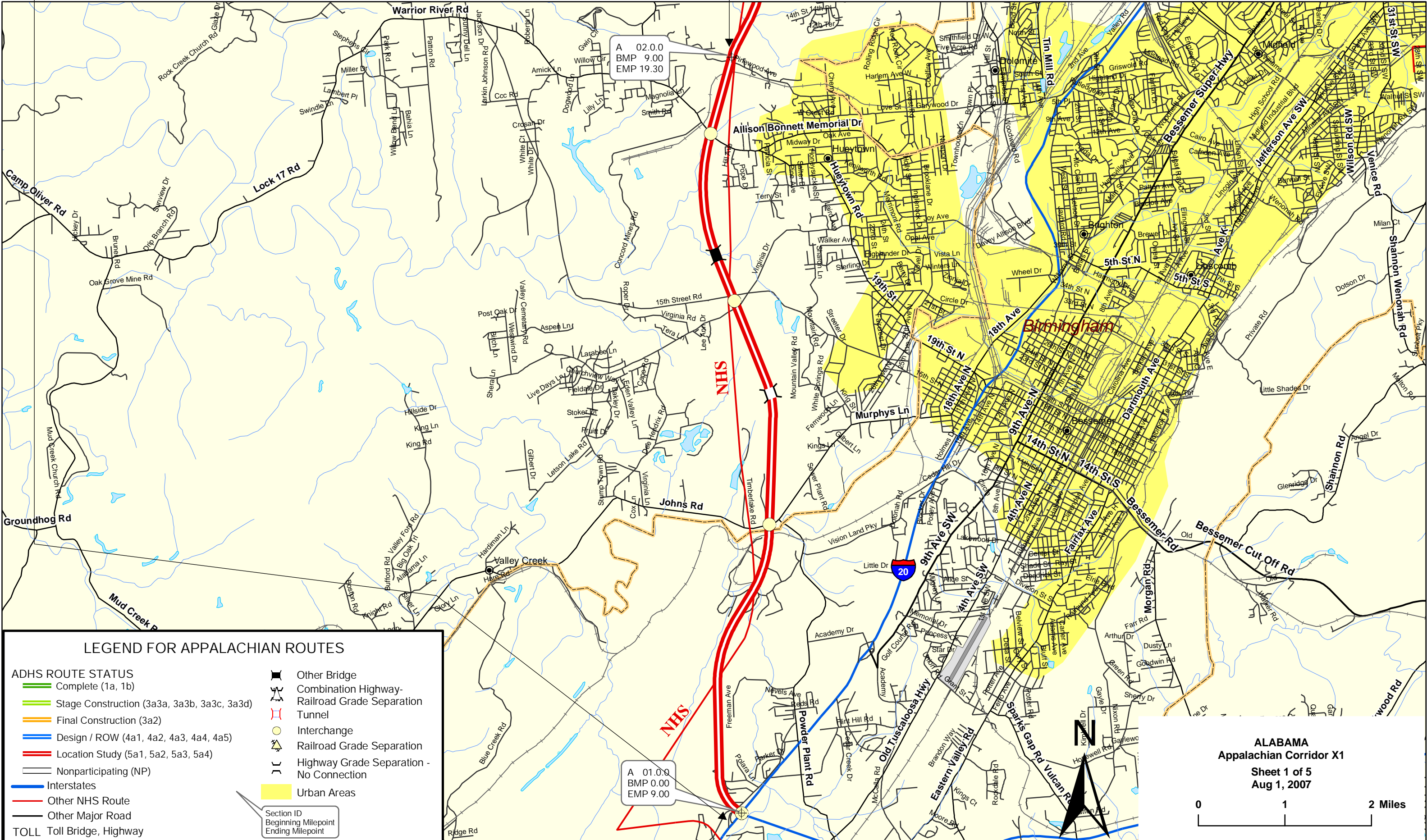
State: AL

ADHS Corridor: X1

Section ID LRS Milepoint	Corridor Total	Rural Subtotal	Urban Subtotal
1. Finance Code			
2. Section Length(Miles)	65.00	18.10	46.90
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	170,340	39,947	130,393
15. Right-of-Way:			
---- a. Acquisition	399,632	104,064	295,568
---- b. Relocation	0	0	0
16. Utility Adjustments	38,491	9,882	28,609
17. Erosion Control/Clear/Grade/Drain/Minor Structure	279,922	73,353	206,569
18. Subbase, Base, Surfacing, Shoulders	337,200	98,537	238,663
19. Railroad Grade Separations	43,812	5,150	38,662
20. Highway Grade Separations without Ramps	122,250	8,388	113,862
21. Interchanges	526,035	96,993	429,042
22. Other Bridges, Tunnels, and Walls	214,443	66,721	147,722
23. Traffic Control	50,525	11,478	39,047
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)	1,574,187	360,620	1,213,567
28. Construction Engineering(13.00000000% of line 27)	204,644	46,881	157,764
29. Total Cost of Construction(lines 27 & 28)	1,778,831	407,501	1,371,331
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	2,506,659	589,463	1,917,196



LEGEND FOR APPALACHIAN ROUTES

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

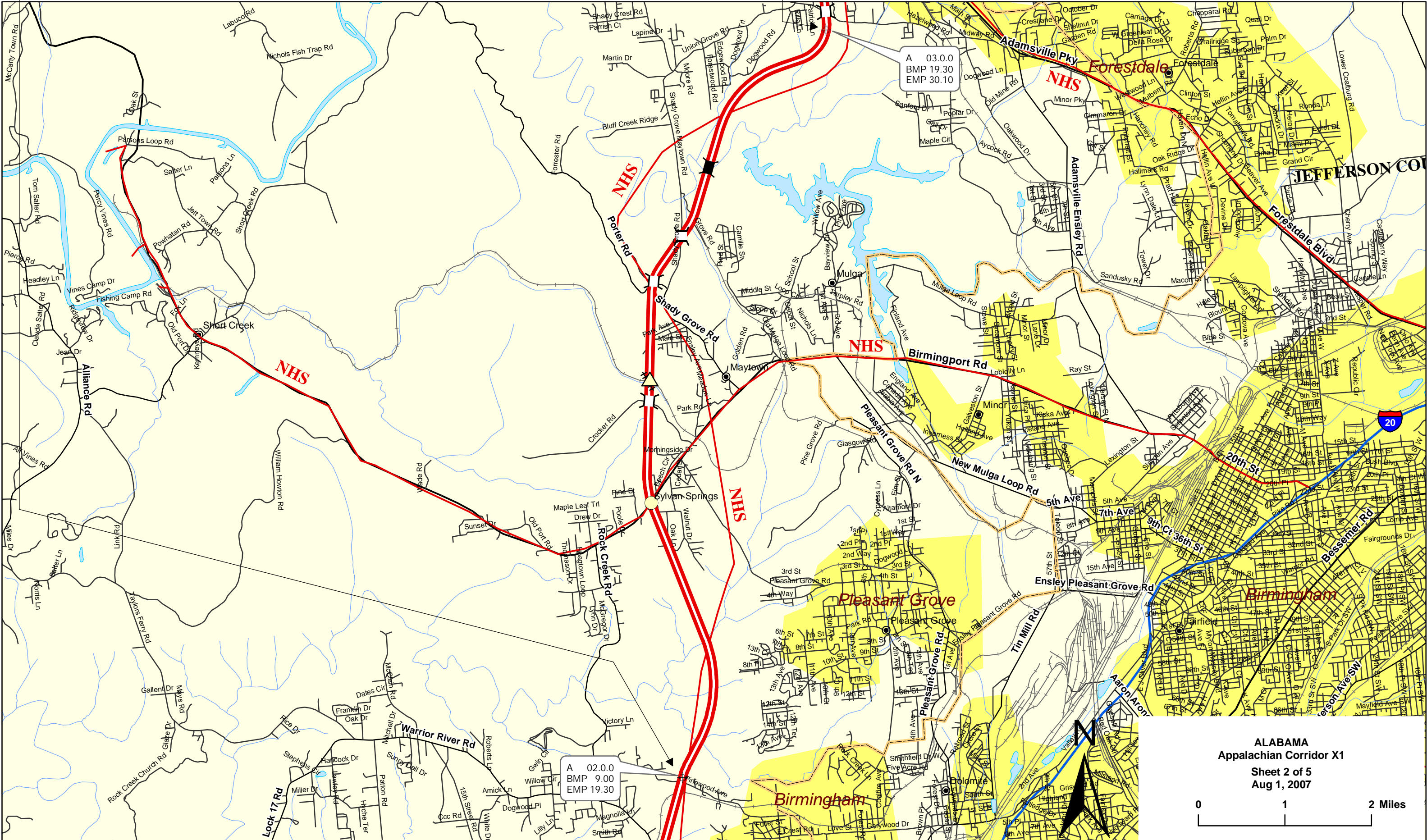
Section ID
Beginning Milepoint
Ending Milepoint

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Appalachian Corridor X1
Sheet 1 of 5
Aug 1, 2007

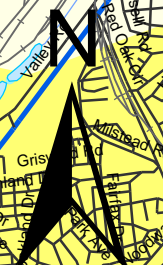
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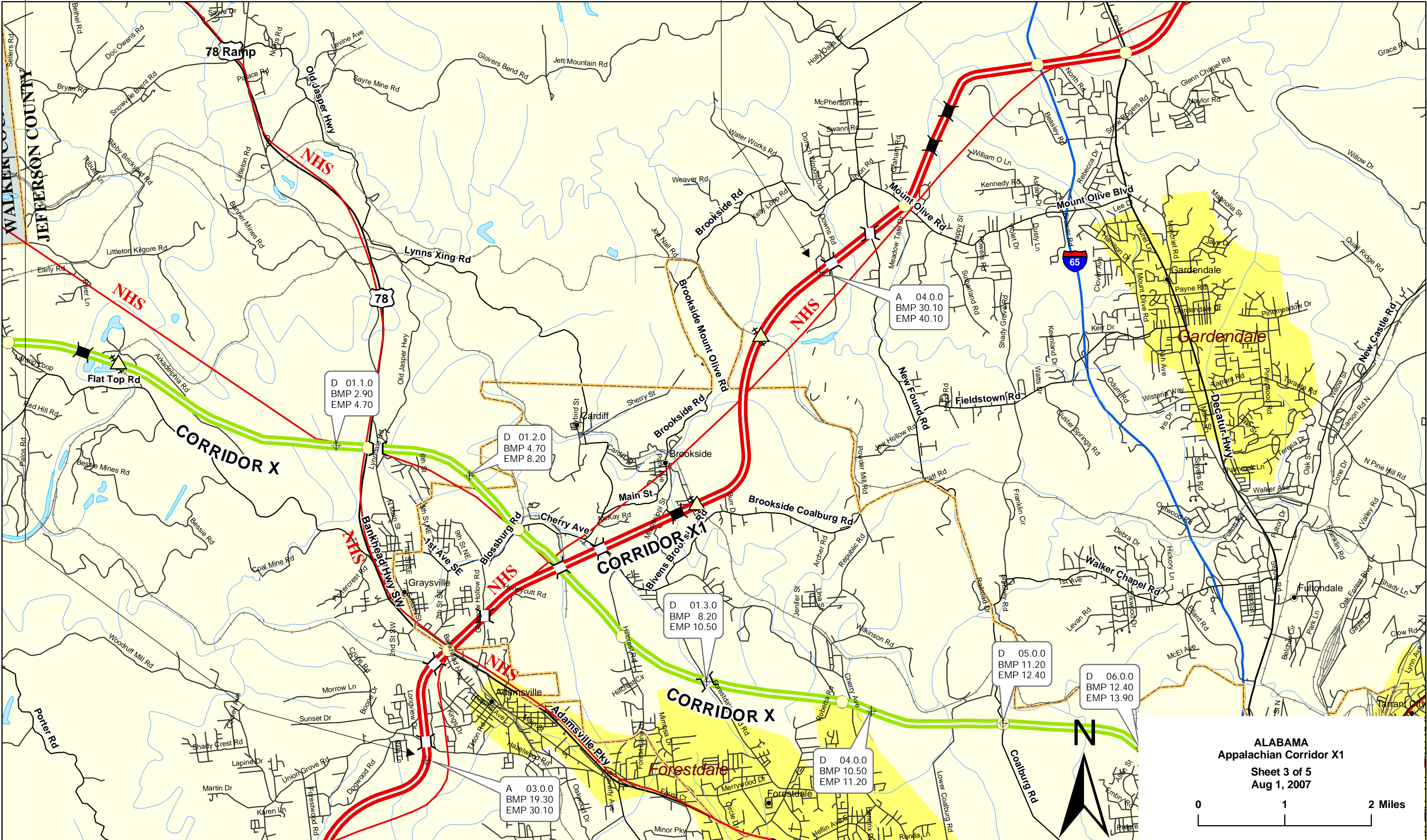
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EMP 9.00



ALABAMA
Appalachian Corridor X1
 Sheet 2 of 5
 Aug 1, 2007





ALABAMA
Appalachian Corridor X1
 Sheet 3 of 5
 Aug 1, 2007

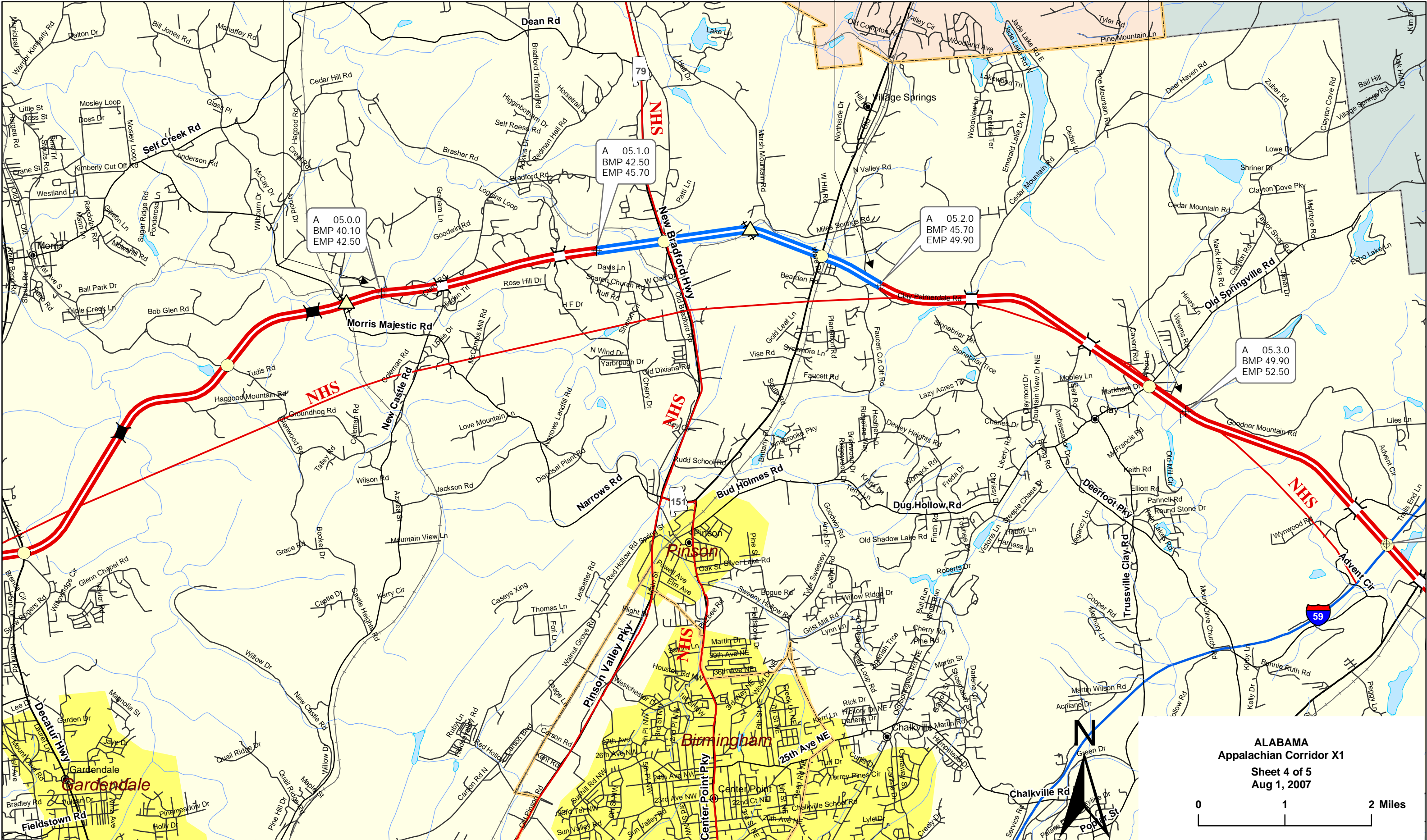


HPP - 1602

HPP - 1602 (532)

HPP - 1602 (531)

HPP - 1602 (538)

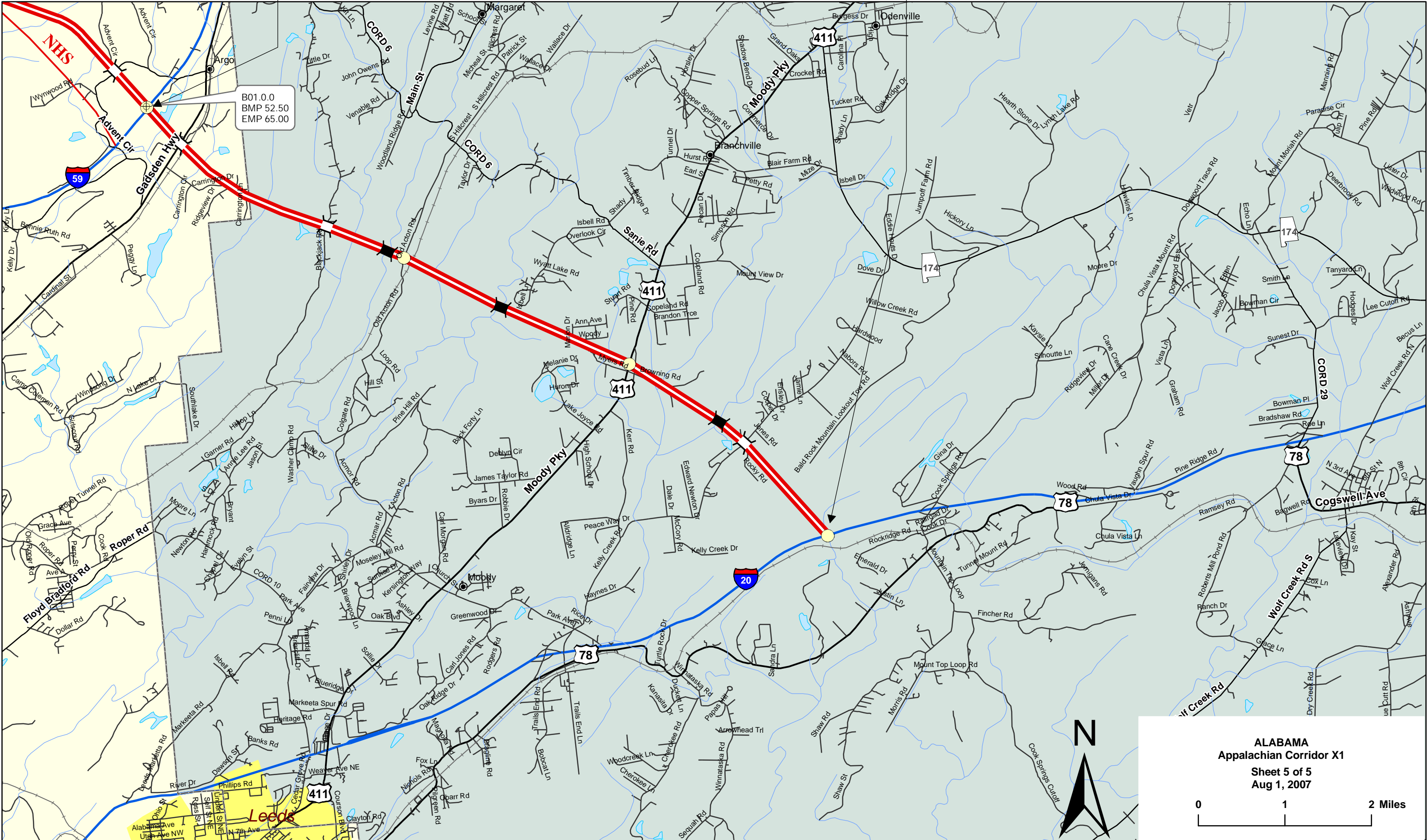


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Appalachian Corridor X1
 Sheet 4 of 5
 Aug 1, 2007



HPP - 1602 (532)

STPAA - PE00 (006)



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ALABAMA
Appalachian Corridor X1
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0 1 2 Miles

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Alabama

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	V		X		X1	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	35.3	6.4	25.5	12.0	18.1	46.9
Total Mileage (Rural + Urban)	41.7		37.5		65.0	
Work Classification		Estimated Costs (\$1,000)				
14. Preliminary Engineering:	a. Location	0	0	0	0	0
	b. Design	2,804	1,448	440	1,050	39,947
15. Right-of-Way:	a. Acquisition	2,874	13,061	75	0	104,064
	b. Relocation	153	1,828	0	0	0
16. Utility Adjustments		350	3,318	3,100	11,582	9,882
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure		31,460	9,400	0	8,308	73,353
18. Subbase, Base, Surfacing, Shoulders		44,905	6,860	10,585	34,384	98,537
19. Railroad Grade Separations		0	708	0	1,119	5,150
20. Highway Grade Separation without Ramps		0	0	0	0	8,388
21. Interchanges		8,931	17,597	0	180,659	96,993
22. Other Bridges, Tunnels, and Walls		2,457	0	0	695	66,721
23. Traffic Control		379	261	2,055	6,505	11,478
24. Environmental Mitigation		0	0	0	0	0
25. Roadside Improvements:	a. Landscape Planting	0	0	0	0	0
	b. Rest Areas, Overlooks	4,425	0	7,750	0	0
26. All Other Items		0	0	0	0	0
27. Subtotal (Lines 17 through 26)		92,557	34,826	20,390	231,670	360,620
28. Construction E & C (13.00 % of line 27 and 28)		12,032	4,527	2,651	30,117	46,881
29. Total Cost of Construction (lines 27 and 28)		104,589	39,353	23,041	261,787	407,501
30. Total Estimated Cost (lines 14, 15, 16, & 29)		116,309	61,959	27,988	288,140	589,463
31. Total Cost (Rural + Urban)		178,268		316,129		2,506,659

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 Alabama

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

State/Commonwealth of Alabama

Page 1 of 1

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
PL 102-240 Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA)	1105(f)8	V	3620	Appalachian Regional Corridor X from SR-25 near Fulton, MS to US-31 in Birmingham, AL	53,681,193	4,064,180
PL 108-447 FY-05 Omnibus Appropriations Act	Div. H Title I	X	54M	Appalachian Regional Corridor X and X-1		24,800,000
TEA-21	1602	V	Q92	Appalachian Regional Corridor X-1 Birmingham North Beltline	9,550,000	18,503,895
PL 102-240 Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA)	1105(f)	V	3620	Appalachian Regional Corridor V from Red Bay to Bridgeport, AL	24,500,995	274,891
PL 106-346 2001 DOT Appropriations Act	378	V	4420	Appalachian Regional Corridor X from SR-25 near Fulton, MS to US-31 in Birmingham, AL	99,003,935	776,065
PL 106-346 2001 DOT Appropriations Act	378	X1	45A0	Appalachian Regional Corridor X-1 Birmingham North Beltline	27,968,131	6,056,849
PL 108-199 Transportation, Treasury, and Independent Agency Act	115	X1	H170	Appalachian Regional Corridor X-1 Birmingham North Beltline		2,000,000
PL 109-59 SAFETEA-LU	1702	X1	HY10 LY10	Appalachian Regional Corridor X-1 Birmingham North Beltline		2,747,597
PL 108-447 FY-05 Omnibus Appropriations Act	Div. H Title I	V	54M	Appalachian Regional Corridor V		3,968,000
PL 107-87 DOT Appropriations Act	Cont. Report, p.13	X	54F	Appalachian Regional Corridor X	17,655,314	2,344,686