



APPALACHIAN REGIONAL COMMISSION

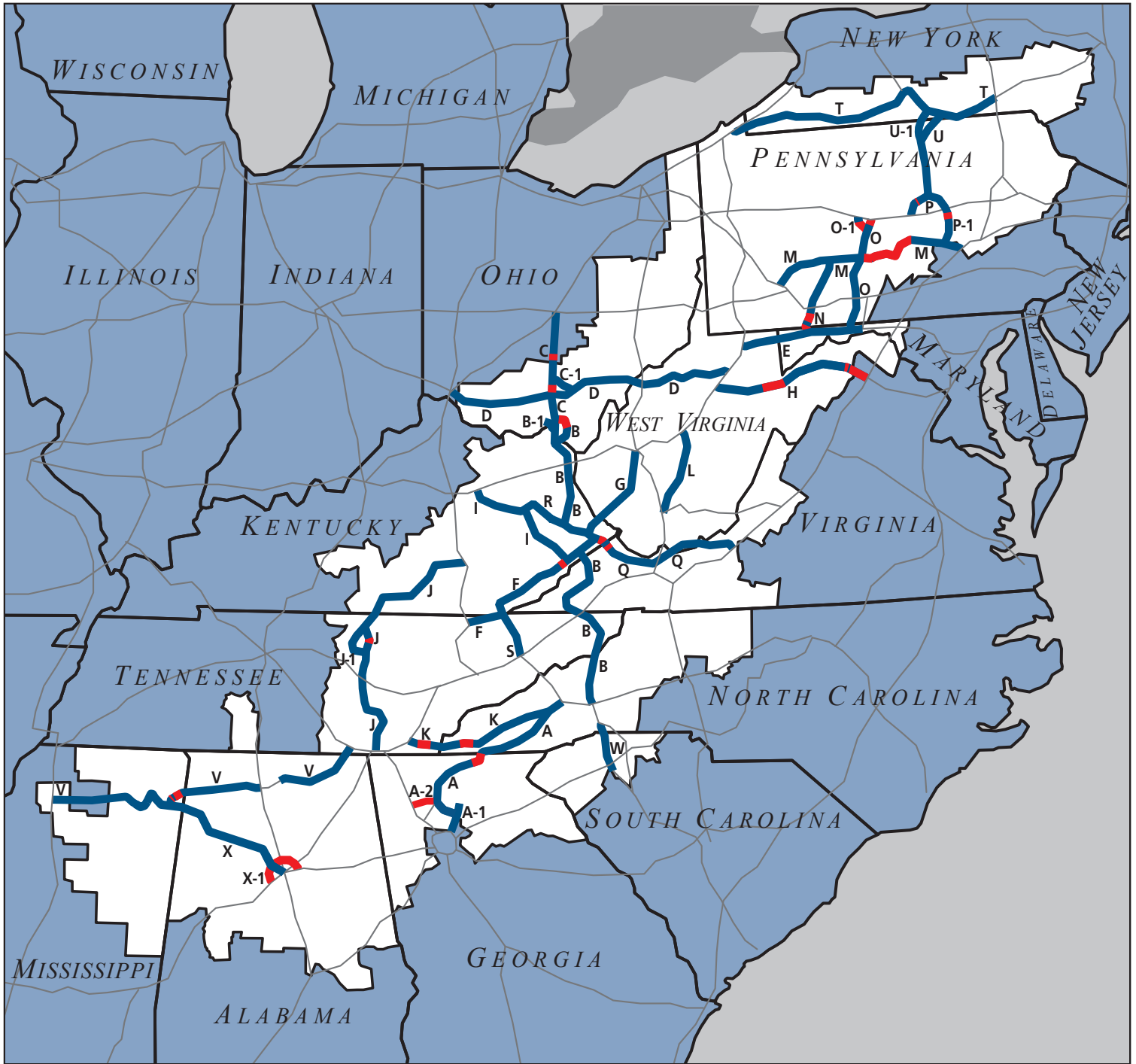
**Status of the Appalachian
Development Highway System
as of September 30, 2018**




December 2018



APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

September 30, 2018



-  ADHS Miles Open to Traffic
-  ADHS Miles Not Open to Traffic
-  Interstate Highway System

Appalachian Development Highway System (ADHS)

Summary of FY 2018 Accomplishments

Status of Completion of the ADHS

At the end of FY 2018, a total of 2,796.8 miles, or 90.5 percent of the 3,090 miles authorized for the ADHS, were either complete, open to traffic or under construction; 62.3 miles were in the final design or right-of-way acquisition phase, and 231.0 miles were in the location studies phase (pre-environmental). See Table 1 for the latest mileage totals by completion category and state. See Appendix A for the latest mileage totals by ADHS Corridor, completion category and state.

Miles Completed in FY 2018

A total of 16.8 miles of the ADHS were completed in FY 2018, either from the final construction phase or completion of remaining stage construction work. Sections of the ADHS completed in FY 18 include:

- 1.2 miles of Corridor X (Alabama)
- 10.5 miles of Corridor V (Alabama)
- 0.6 miles of Corridor A1 (Georgia)
- 4.5 miles of Corridor F (Kentucky)

Obligations in FY 2018

In FY 2018, the 13 Appalachian states obligated a total of \$120.4 million for ADHS highways from funds dedicated to the ADHS and apportioned or allocated to the Appalachian states prior to MAP-21. See Appendix B for a summary of funding allocated or apportioned for ADHS activities by state.

Additional Activities

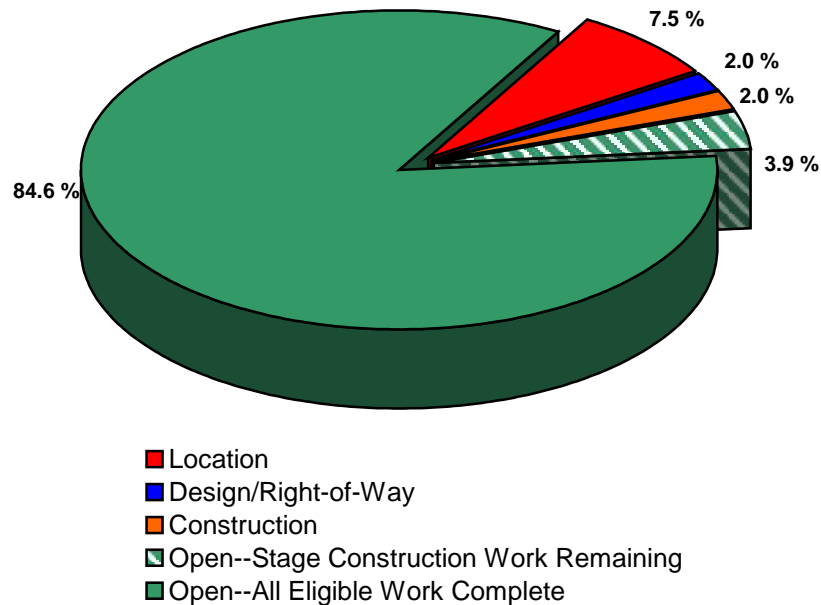
The Appalachian Regional Commission (ARC) hosted a workshop in Huntington, West Virginia in June 2018 to discuss the current status and future outlook of the ADHS. Representatives from the Federal Highway Administration and eleven State DOTs were present. Workshop attendees agreed to work jointly on developing an ADHS Strategic Plan in FY 2019.

Table 1

**Status of Completion of the ADHS (Miles)
as of September 30, 2018**

State	Miles Open to Traffic		Miles Not Open to Traffic			Total Miles Eligible for ADHS Funding
	Complete	Remaining Stage Construction	Construction Under Way	Design Stage	Location Stage	
Alabama	187.8	42.2	3.2	19.2	43.3	295.7
Georgia	101.5	0.0	0.0	10.5	20.5	132.5
Kentucky	408.7	0.0	9.1	0.5	8.0	426.3
Maryland	77.0	3.7	0.0	0.0	2.5	83.2
Mississippi	109.2	0.0	0.0	8.3	0.0	117.5
New York	220.7	1.3	0.0	0.0	0.0	222.0
North Carolina	178.2	8.0	0.0	0.0	18.1	204.3
Ohio	178.2	0.0	16.2	0.0	7.1	201.5
Pennsylvania	336.9	2.9	17.5	8.4	87.4	453.1
South Carolina	22.9	0.0	0.0	0.0	0.0	22.9
Tennessee	250.4	61.4	3.4	0.0	14.1	329.3
Virginia	163.5	0.0	6.5	7.5	14.7	192.2
West Virginia	379.4	0.0	7.0	7.9	15.3	409.6
System Totals	2,614.4	119.5	62.9	62.3	231.0	3,090.1

**Appalachian Development Highway System
Status of Completion as of 9/30/2018
3090.1 Eligible Miles**



Background

Purpose of the ADHS

In 1964, the President's Appalachian Regional Commission (PARC) reported to Congress that economic growth in Appalachia would not be possible until the Region's isolation had been overcome. The nation's interstate highway system had largely bypassed the Appalachian Region, going through or around the Region's rugged terrain as cost-effectively as possible.

The PARC report recommended, and Congress authorized, construction of the Appalachian Development Highway System (ADHS) in the Appalachian Development Act of 1965. The ADHS was designed to generate economic development in previously isolated areas, connect Appalachia to the interstate system, and provide access to areas within the Region as well as to markets in the rest of the nation.

Cost to Complete the ADHS

The most recent ADHS cost-to-complete study (October 2012) estimated the total cost of completing the ADHS at \$11.4 billion, in 2010 dollars (as of September 30, 2011). A total of \$2.3 billion in unobligated federal funds distributed to the ADHS prior to September 30, 2011, was available at that time; in addition, two corridors in Pennsylvania (Corridors O-1 and P-1) were subject to federal funding limitations. Taking these into account, the total federal funding required to complete the ADHS was estimated at \$8.6 billion, in 2010 dollars, assuming 100 percent federal participation.

Funding for the ADHS

FY 1965–FY 1998

From FY 1965 through FY 1998 funding for the ADHS was provided through annual appropriations in the Energy and Water Development Appropriations Acts. Funds were apportioned to the 13 Appalachian states annually, based on each state's proportional share of the cost to complete the ADHS.

FY 1999–FY 2004

The **Transportation Equity Act for the 21st Century** (TEA-21) provided annual authorizations of \$450 million for the ADHS through the Highway Trust Fund from FY 1999 through FY 2003, for a total of \$2.25 billion over the five-year period.

The same funding level was continued in FY 2004 through a series of Surface Transportation Extension Acts that followed the expiration of TEA-21. Although the funds were authorized from the Highway Trust Fund, ARC continued to exercise programmatic and administrative control over the funding. This ensured that the governors of the 13 Appalachian states continued to determine where and how the money was used on the ADHS highways in their states. The funds authorized in TEA-21 were apportioned to the 13 Appalachian states annually, based on each state's proportional share of the cost to complete the ADHS as specified in the latest cost to complete estimate.

FY 2005–FY 2012

The **Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users** (SAFETEA-LU) provided annual authorizations of \$470 million from the Highway Trust Fund for the ADHS from FY 2005 through FY 2009, for a total of \$2.35 billion over the five-year period. The funds were apportioned to 13 Appalachian states annually, based on each state's proportional share of the cost to complete the ADHS as specified in the latest available ADHS cost to complete estimate.

In FY 2010, \$470 million for the ADHS was authorized through the Surface Transportation Extension Act of 2010 and apportioned to the 13 Appalachian states based on each state's proportional share of the cost to complete the ADHS as specified in the latest available ADHS Cost to Complete Estimate.

In FY 2011, \$517,796,946 for the ADHS was authorized through the Surface Transportation Extension Act of 2010, as amended; through the Surface Transportation Extension Act of 2010, Part II; and through the Surface Transportation Extension Act of 2011. The funds were apportioned to the 13 Appalachian states based on each state's proportional share of the cost to complete the ADHS as specified in the latest available ADHS cost to complete estimate.

In FY 2012, \$438,776,680 for the ADHS was authorized through the Surface Transportation Extension Act of 2011, Part II, as amended by the Surface Transportation Extension Act of 2012; and through the Surface Transportation Extension Act of 2012, Part II. The funds were apportioned to the 13 Appalachian states based on each state's proportional share of the cost to complete the ADHS as specified in the latest available ADHS cost to complete estimate. The authority for 100 percent federal funding extended from FY 2012 through FY 2021.

FY 2013-2015

In FY 2013 through FY 2015, the transportation law **Moving Ahead for Progress in the 21st Century** (MAP-21) and its extensions did not include dedicated funding for ADHS projects but did make ADHS projects eligible for Federal-aid Highway funding apportioned to the states from the Surface Transportation Program or the National Highway Performance Program. The law also increased the federal share of funding for ADHS corridors and local access roads from 80 percent to 100 percent. The 100 percent federal share applied to funds apportioned to the ADHS in prior years and to new funds apportioned to the 13 Appalachian states through MAP-21 and used for ADHS construction.

FY 2016-2020

In December 2015, Congress passed and the President signed into law the **Fixing America's Surface Transportation (FAST Act)** which again did not include dedicated funding for the ADHS but did continue the Federal-aid funding eligibility provisions established in MAP-21. Additionally, the FAST Act amended the federal share for ADHS projects from "100 percent" to "up to 100 percent" and extended funding authority through FY 2050.

Additional Funding for the ADHS

Periodically, Congress has appropriated additional funds to the ADHS through annual DOT or other appropriation bills:

- The ADHS section of the Transportation, Treasury, Housing and Urban Development, The Judiciary, the District of Columbia, and Independent Agencies Appropriations Act for FY 2006 appropriated an additional \$20 million for the ADHS, to be allocated to Corridor H in West Virginia.

- The Revised Continuing Appropriations Resolution for FY 2007 maintained the funding appropriated for the ADHS in FY 2007 at the FY 2006 level. As a result, under the provisions of the Transportation, Treasury, Housing and Urban Development, The Judiciary, the District of Columbia, and Independent Agencies Appropriations Act, 2006, \$19.8 million was appropriated for the ADHS after a government-wide rescission. The funds were distributed by formula to all 13 Appalachian states as set forth in SAFETEA-LU.
- Under the provisions of the Consolidated Appropriations Act for FY 2008, \$15,680,000 was appropriated for the ADHS. The funding was allocated for Corridor H in West Virginia.

Benefits of the ADHS

ARC has undertaken studies of the ADHS to evaluate the impact of corridors on transportation efficiency, economic development and highway safety. Key findings are listed below.

Economic Impacts, Benefits and Costs

An economic analysis study on the ADHS conducted by Economic Development Research Group, Inc. and WSP/Parsons Brinckerhoff was published in July 2017. The objective of this study was to assess the travel performance, trade, and economic development impacts directly related to completing the ADHS. In addition, the study assessed how ADHS corridor improvements to-date (1965 to 2015) connect Appalachian people and businesses to other highway facilities, multimodal transportation, and economic markets. Using both back-casting (historical) and forecasting methods, the study produced estimates of travel and economic benefits, including benefit/cost analysis to demonstrate the expected economic return on investment of completing the ADHS for both the Appalachian Region and the nation. The study also investigated the benefits to Appalachia of accelerating completion of the system, and assessed the economic impacts, benefits, and costs of completing five of the largest remaining corridors. Key study findings included the following:

- Since 1965, areas served by the ADHS have enjoyed significant travel time savings, and greatly enhanced workforce access and same-day truck delivery access. As of 2015, annual travel time and reliability savings due to ADHS

corridor investments are estimated to be 360 million hours per year. The benefitting areas are largely rural and economically distressed counties.

- As of 2015, the value of transportation cost savings and productivity gains amounts to \$10.7 billion per year. These gains extend beyond the Appalachian Region, benefiting the entire U.S. Economy. Twenty percent of car vehicle hours saved and 31 percent of freight truck vehicle hours saved accrue to trips with at least one end located outside of the 13 Appalachian states. This indicates that the ADHS plays a particularly important role serving longer-distance goods movement and trade, connecting the Region to destinations throughout the U.S.
- ADHS system completion to date can be directly linked to the creation of over 168,000 added jobs and over \$11 billion in annual GRP growth as of 2015. The cumulative effect of GRP growth continuing year after year, for over fifty years (from 1965 to 2015), adds up to \$388 billion.
- Completion of the ADHS will result in a significant reduction in travel time for personal, business, and long-distance freight trips. By 2045, the annual savings in travel time for all trips is estimated to be 121 million hours (331,000 hours daily of travel time saved).
- ADHS corridor improvements will produce significant monetized travel benefits to individuals and businesses, both within and outside the Appalachian Region. Total transportation efficiency benefits (travel time, operating costs, safety, and reduced emissions) are estimated to be \$1.8 billion in 2045, the year of projected system completion. About 72 percent of the benefits accrue to auto travel (personal and business) with 28 percent of benefits due to truck travel.
- The majority of auto and non-freight truck benefits are estimated to accrue to the Appalachian Region based on the origin-destination pattern of trips. However, 56 percent of benefits to freight flows are external to the Appalachian Region, reflecting the long-distance nature of the shipments impacted and the national importance of completing the ADHS to facilitate goods movement into, out of, and through the Appalachian Region.

- Improvements in market accessibility for the Appalachian Region will directly lead to increased economic development opportunities for the Region. Accessibility gains were measured for labor, customer, tourist, buyer, and supplier markets, as well as reduced travel times to seaports, border crossings, airports, and intermodal rail facilities. The Appalachian Region is estimated to gain upwards of \$2.6 billion in value-added due to market accessibility gains by 2045, with a gradual phase-in of impacts based on historic time-series analysis.
- The industries projected to benefit most directly from completion of the ADHS in terms of business retention, expansion, and relocation include professional and business services, leisure and hospitality, education and health care, retail trade, warehousing and distribution, and manufacturing.
- Total economic impacts for the Appalachian Region include the direct effects of reduced travel time and costs, along with increased regional competitiveness via market accessibility gains and multiplier effects. These effects gradually increase over time and, by 2045, are estimated to total approximately 47,000 jobs, \$4.2 billion in increased value added production, and \$2.7 billion in increased wages, with over 75 percent of these economic benefits accruing to the Appalachian Region's workers.
- Total capital costs (in 2015 dollars) to complete the remaining segments of the ADHS are estimated to be \$10.9 billion. However, future construction cost inflation will result in total costs that are likely higher than \$17 billion. In present value terms, applying a 7% real discount rate and incorporating future operations & maintenance costs, total costs are estimated to be \$4.5 billion (\$7 billion if using a 3% discount rate).
- Economic return on investment in the form of benefit/cost ratios were estimated from two perspectives: (1) Appalachian Region; and (2) entire U.S. While costs are the same from either perspective, benefits vary in two important ways. Market accessibility-based economic development gains primarily accrue to the Appalachian Region as it becomes more competitive and captures a larger share of future economic growth. Meanwhile, travel efficiency benefits are higher for the nation, since a significant share of impacted trips are long-distance freight shipments with origins and destinations outside the Appalachian Region.

Correspondingly, the estimated benefit/cost ratio for the Appalachian Region is estimated to be 2.7 to 5.1 (depending on discount rate). At the national level, the estimated return on investment is even higher, yielding \$3.70 to \$7.10 for every dollar invested (depending on discount rate).

- Accelerated completion by 2035 rather than 2045 would help the Region realize economic growth and development impacts more quickly. For instance, it would lead to over 11,000 more jobs and over \$1 billion of additional GRP per year within the same study period. Accelerated completion would also result in about \$8 billion more cumulative transportation and accessibility benefits by 2035.
- An examination of five major ADHS corridors that are not yet fully constructed also indicates a positive ROI for each, helping support the benefits of completing each element of the ADHS. Completion of Corridors H (WV and VA), K (KY and VA), N (MD and PA), K (NC and TN), and X1 (AL) were estimated to result in benefit-cost ratios ranging from 1.6 to 4.2 and could generate over 15,000 jobs in Appalachia.

Highway Safety

In September 2018, ARC initiated a new research project to analyze traffic safety trends in Appalachia compared to the rest of the country. This new research will update and build upon a 1999 study of the impact of ADHS corridor improvements on highway safety. The 1999 study compared crash rates on completed portions of the ADHS with crash rates on existing highways to be improved or replaced in the unbuilt portions of the ADHS. Data was collected from highway agencies in all 13 states through Federal Highway Administration division offices. Average crash rates were developed for the Appalachian Region for built and unbuilt highways—both two- and four-lane. Comparison between average crash rates on built sections of the ADHS and average crash rates on existing highways (in unbuilt ADHS sections) shows a substantial reduction in crash rates has been obtained and can be expected as the result of improvements in ADHS corridors. As an example, comparison shows replacing an existing two-lane highway with a four-lane divided highway can reduce the crash rate by over 60 percent.

STATUS OF CORRIDORS IN ALABAMA

Appalachian Development Highway System (ADHS) Alabama Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	308.4 miles
Number of ADHS Miles Eligible for Funding:	295.7 miles
Number of ADHS Completed Miles:	187.8 miles
Miles Remaining Stage Construction (Open to Traffic):	42.2 miles
Miles Under Construction:	3.2 miles
Miles in Design/Right-of-Way Stage:	19.2 miles
Miles in Location Study Stage:	43.3 miles
 Total ADHS-Funded Obligations To Date (Federal and State):	 \$1,984.3 million
 Estimated Cost to Complete, Federal and State Funds: (as of September 30, 2011)	 \$3,254.7 million
Corridor V:	\$156.2 million
Corridor X:	\$132.1 million
Corridor X1:	\$2,966.4 million

Fiscal Year 2018 Obligations

During fiscal year 2018, Alabama de-obligated \$3.3 million of federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor V (State Route 24, I-565, State Routes 2 and 3, U.S. 72)

Corridor V enters Alabama at the Mississippi state line near Red Bay and runs through Huntsville to the Tennessee state line near Bridgeport. The total length of the corridor in Alabama is 145.4 miles.

Authorized for ADHS Funding	135.4 miles
All Eligible Work Complete	119.0 miles
Remaining Stage Construction	15.7 miles
Location Study Stage	0.7 miles

Corridor X (State Route 4, U.S. 78, State Route 3, U.S. 31)

Corridor X enters the state at the Mississippi state line near Weston and ends at I-65/I-59 at Birmingham. The total length of the corridor in Alabama is 98.0 miles.

Authorized for ADHS Funding	95.3 miles
All Eligible Work Complete	68.8 miles
Remaining Stage Construction	26.5 miles

Projects currently under way on Corridor X in Alabama include:

- Construction of 7.875 miles of ultimate paving from SR-118 to the overpass ramps to SR-118.
- Construction of 1.041 miles of roadway lighting west of I-65 near Birmingham.
- Design of a Welcome Center near the Mississippi State line in Marion County is under way.

Corridor X1 (Birmingham Northern Beltline)

Section 123 of the FY 2004 Consolidated Appropriations Act added Corridor X1 in Alabama to ADHS. Corridor X1 extends approximately 65 miles along the alignment of the planned Birmingham Northern Beltline from I-20/59, in the vicinity of I-495 southwest of Birmingham, and extending northward crossing SR 269 and Corridor X and continuing eastward crossing I-65, US 31, SR 79, SR75, I-59, US 11, US 411 and connecting to I-20 to the east of Birmingham.

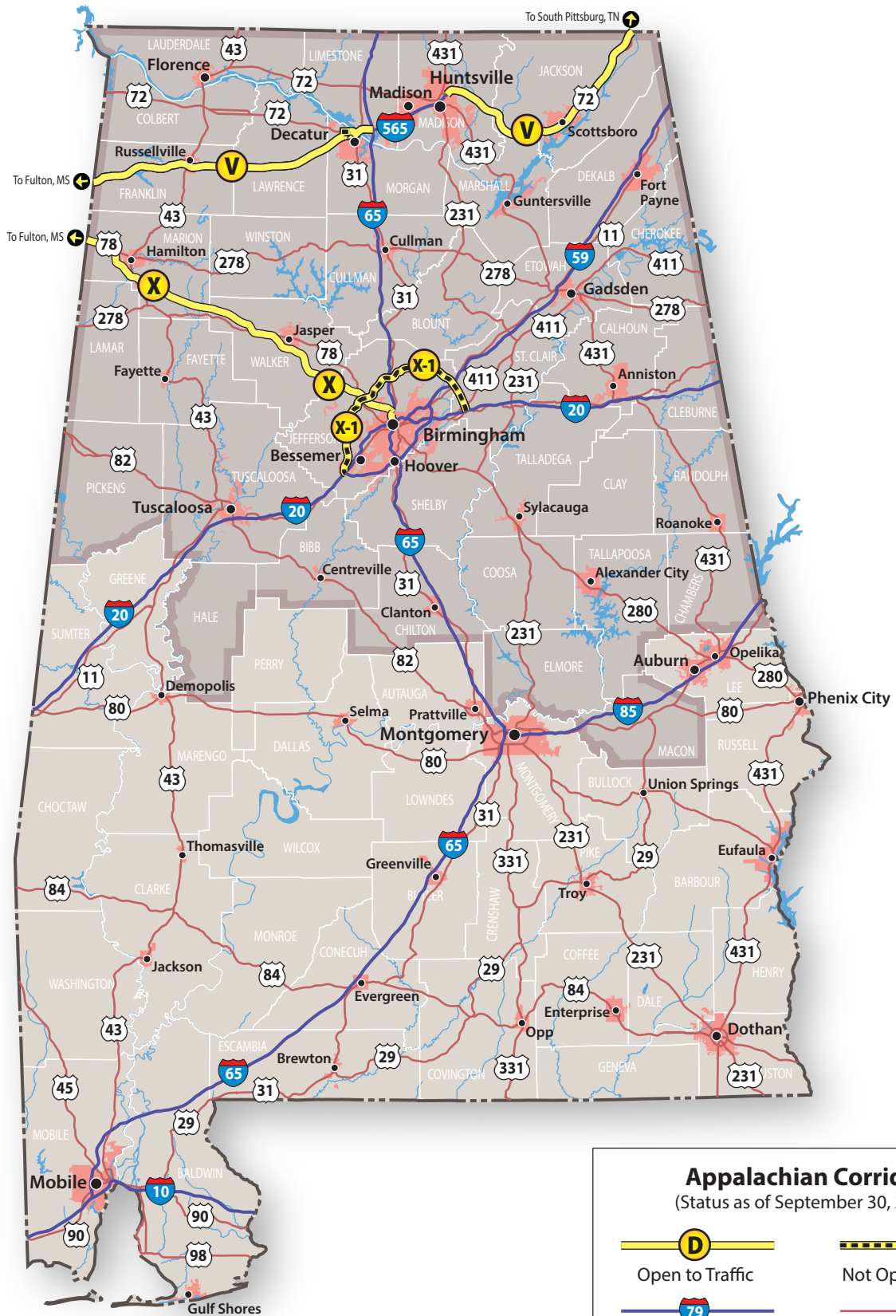
Authorized for ADHS Funding	65.0 miles
Construction Under Way	3.2 miles
Design & ROW Stage:	19.2 miles
Location Study Stage:	42.6 miles

Project currently under way on Corridor X1 in Alabama include:

- Construction of 1.340 miles of grade, drain, partial base and pave, bridge culvert and retaining wall from west of SR-79 to east of SR-75.
- Design of Dual Mainline Bridges over CR-159 Rd.
- Design of SR-959 from 0.17 Miles West of I-65 to US-31.
- Design of SR-959 from 0.09 Miles West of SR-3 (US-31) to Cunningham Creek, Includes Dual Mainline Bridges Over SR-3 (US-31).
- Design of SR-959 Dual Mainline Bridges Over Cunningham Creek.
- Design of SR-959 Dual Mainline Bridges Over SR-3 (US-31) Ramps A and B, and Bridges at I-65 Including Ramps 3 and 4.
- Design of SR-959 Dual Mainline Bridges Over CR-2137 (Advent Circle), and Single Bridges on Ramp O and Ramp Q Over I-59.
- Design of SR-959 From Cunningham Creek to 0.78 Miles West of SR-79.
- Design of SR-959 From 0.76 Miles East of SR-75 to 0.57 Miles East of CR-30 (Old Springville Rd.).
- Design of SR-959 From 0.57 Miles East of CR-30 (Old Springville Rd.) to I-59 Includes Accel/Decel Lanes on I-59 Between CR-2133 (Deerfoot Pkwy) and CR-2145 (Honor Keith Rd./Liles Ln.) and Bridge Over I-59 on CR-2137 (Advert Cir.).

Appalachian Development Highway System

ALABAMA



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Not Open to Traffic
Interstate Highway	U.S. Highway
City/Town	Appalachian Region

STATUS OF CORRIDORS IN GEORGIA

Appalachian Development Highway System (ADHS) Georgia Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	169.2 miles
Number of ADHS Miles Eligible for Funding:	132.5 miles
Number of ADHS Completed Miles:	101.5 miles
Miles in Design/Right-of-Way Stage:	10.5 miles
Miles in Location Study Stage:	20.5 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$292.1 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011) \$408.0 million

 Corridor A: \$393.5 million
 Corridor A1: \$14.5 million

Fiscal Year 2018 Obligations

During fiscal year 2018, Georgia did not obligate federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor A (State Route 400, U.S. 19, State Route 515, U.S. 76)

Corridor A runs from I-285 north of Atlanta to the North Carolina state line. The total corridor length is 127.1 miles.

Authorized for ADHS Funding	98.1 miles
All Eligible Work Complete	87.6 miles
Design & ROW Stage	10.5 miles

Projects currently under way on Corridor A in Georgia include:

- In February 2018 the Appalachian Regional Commission approved the creation of a new ADHS Corridor A2 and the transfer of eligible miles from an unfinished portion of Corridor A (between Canton and Cumming) to the new Corridor A2. Per the Commission’s approval, Corridor A between Cumming and Canton is now non-participating and travels along GA 20.
- Design/ROW phase, with construction scheduled for 2020: an 8.5 mile widening and relocation of SR 515 from Blairsville to Young Harris.
- The remaining miles of SR 515, from SR 2 to the NC state line, is in long range.

Corridor A1 (State Route 400, U.S. 19)

Corridor A1 runs north from Corridor A at State Route 515 to State Route 53. The total corridor length is 15.8 miles.

Authorized for ADHS Funding	15.8 miles
All Eligible Work Complete	15.8 miles

Project currently under way on Corridor A1 in Georgia:

- State Route 400 at State Route 53 intersection improvements were completed in 2018.

Corridor A2 (State Route 20)

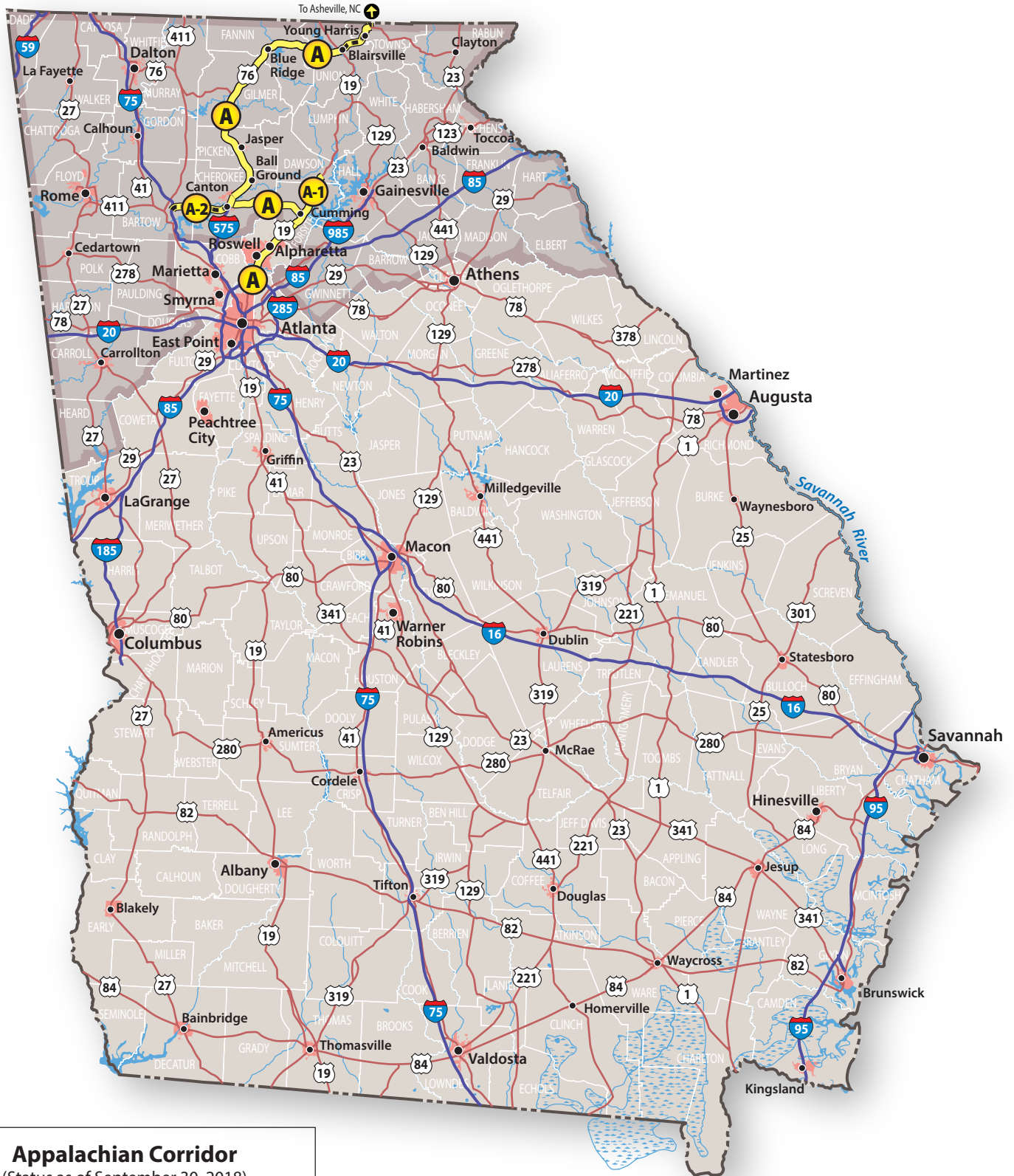
Corridor A2 runs east-west along SR 20 between Cartersville and Canton, connecting I-75 to I-575 and Corridor A. The total corridor length is 15.8 miles. In August 2017, the Georgia Department of Community Affairs, in coordination with the Georgia Department of Transportation (GDOT) and the Federal Highway Administration, requested an alignment and mileage eligibility change to Corridor A of the Appalachian Development Highway System (ADHS). Georgia proposed moving eligible miles of ADHS Corridor A between SR 400 in Cumming (Forsyth County) and I-575 in Canton (Cherokee County) to a new location along existing SR 20 in Cherokee and Bartow Counties, between I-575

and I-75, connecting Canton and Cartersville. The proposed modifications were approved at the February 2018 Commission meeting.

Authorized for ADHS Funding	20.5 miles
All Eligible Work Complete	0 miles
Location Study Stage	20.5 miles

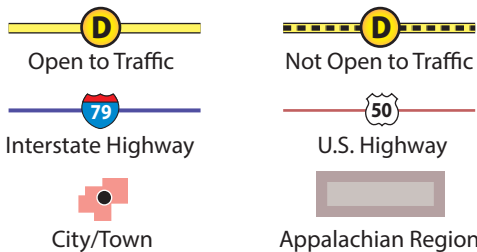
Appalachian Development Highway System

GEORGIA



Appalachian Corridor

(Status as of September 30, 2018)



STATUS OF CORRIDORS IN KENTUCKY

Appalachian Development Highway System (ADHS) Kentucky Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	574.7 miles
Number of ADHS Miles Eligible for Funding:	426.3 miles
Number of ADHS Completed Miles:	408.7 miles
Miles Under Construction:	9.1 miles
Miles in Design/Right-of-Way Stage:	0.5 miles
Miles in Location Study Stage:	8.0 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$1,990.2 million

Estimated Cost to Complete, Federal and State Funds: \$812.4 million
(as of September 30, 2011)

Corridor B:	complete
Corridor B1:	complete
Corridor F:	\$441.2 million
Corridor G:	complete
Corridor I:	complete
Corridor J:	complete
Corridor Q:	\$371.2 million
Corridor R:	designated without ADHS funds

Fiscal Year 2018 Obligations

During fiscal year 2018, Kentucky de-obligated a total of \$5.0 million in federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor B (U.S. 23, U.S. 119, State Route 10, State Route 80)

Corridor B runs from the Virginia state line at Jenkins to the Ohio state line, crossing at Greenup. The total length of the corridor is 144.7 miles.

Authorized for Funding	139.0 miles
All Eligible Work Complete	139.0 miles

Corridor B1 (U.S. 23)

Corridor B1 runs from its junction with Corridor B at Greenup to the Ohio state line at Portsmouth. The total length of the corridor is 12.6 miles.

Authorized for ADHS Funding	12.3 miles
All Eligible Work Complete	12.3 miles

Corridor F (U.S. 25E, U.S. 119)

Corridor F runs from the Cumberland Gap Tunnel near Middlesboro, at the Virginia state line, to Corridor B at Jenkins. The total length of the corridor is 94.4 miles.

Authorized for ADHS Funding	78.0 miles
All Eligible Work Complete	70.0 miles
Location Studies Underway	8.0 miles

Projects currently under way on Corridor F in Kentucky include:

- Construction is continuing on three sections (Sections 3A, 3B and 4) let to construction during 2013 and 2014. Section 3A is from west of Roberts Branch to Joe Day Branch, a distance of 1.8 miles. Section 3B is from Joe Day Branch to 0.4 miles west of Brown Branch, a distance of 0.9 miles. Section 4 is from 0.4 miles west of Brown Branch to 0.15 miles West of KY 806 at Oven Fork (including a temporary approach to existing US 119), a distance of 1.8 miles.

The final surfacing contract was awarded in 2017, is underway and expected to be complete in December 2017. When this surfacing is complete, traffic will be using new US 119 from 0.15 miles West of KY 806 to Harlan County.

- Location studies continue on an 8.0-mile section of US 119 through Pine Mountain from Oven Fork to Whitesburg.

Corridor G (U.S. 119)

Corridor G runs from Corridor B at Pikeville to Williamson at the West Virginia state line. The total length of the corridor is 26.9 miles.

Authorized for ADHS Funding	26.9 miles
All Eligible Work Complete	26.9 miles

Corridor I (State Route 15, State Route 80)

Corridor I runs from Corridor F at Whitesburg to I-64 at Winchester. The total length of the corridor is 126.2 miles.

Authorized for ADHS Funding	59.9 miles
All Eligible Work Complete	59.9 miles

Corridor J (State Route 90, State Route 15, U.S. 27, and State Route 80)

Corridor J runs from the Tennessee state line near Peytonsburg to I-75 at London. The total length of the corridor is 102.7 miles.

Authorized for ADHS Funding	93.7 miles
All Eligible Work Complete	93.7 miles

Corridor Q (State Route 80)

Corridor Q runs from Corridor B at Shelbiana to Elkhorn City, at the Virginia state line. The total length of the corridor is 16.5 miles.

Authorized for ADHS Funding	16.5 miles
All Eligible Work Complete	6.9 miles
Construction Under Way	9.1 miles
Design and ROW Under Way	0.5 miles

Projects currently under way on Corridor Q in Kentucky include:

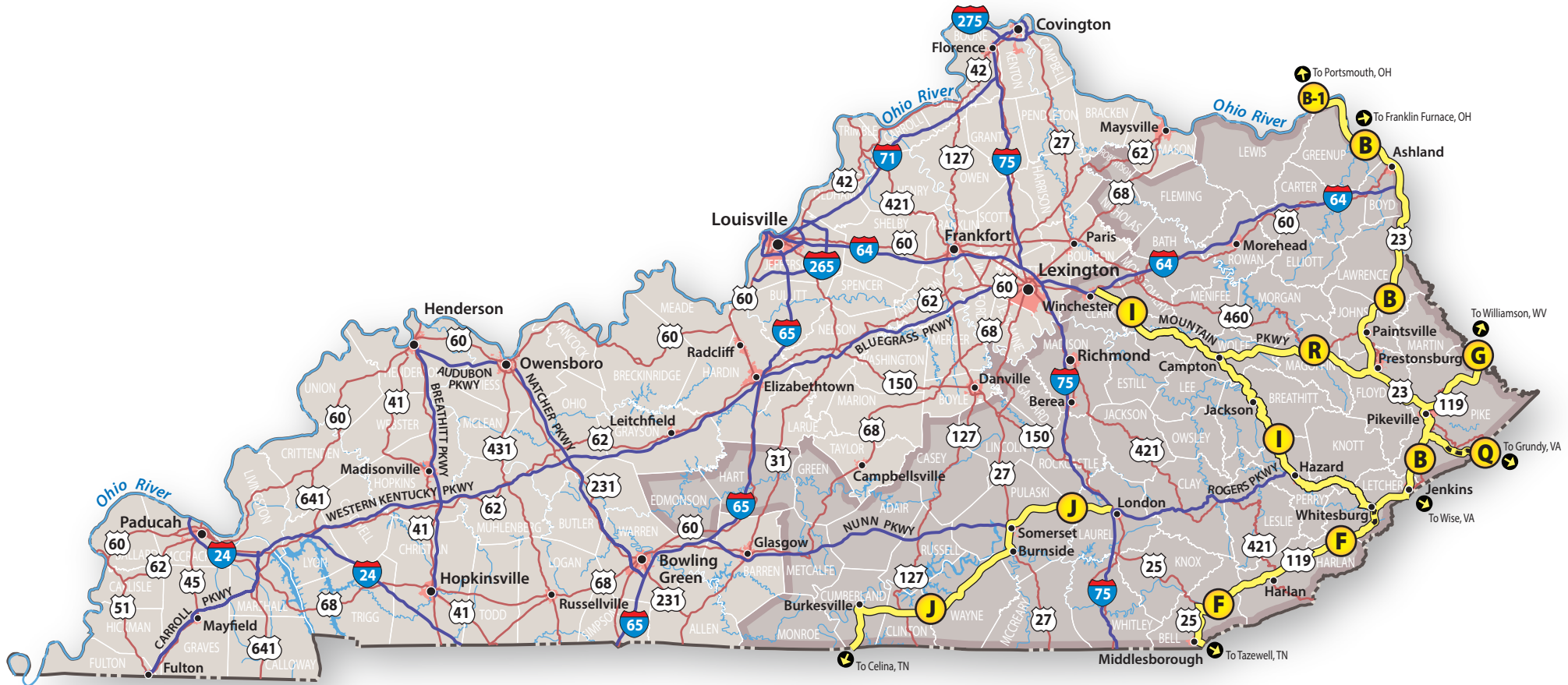
- Seven sections or portions of sections totaling 6.9 miles are currently complete and open to traffic. They are the US 23/US 460 interchange (0.5 miles) and Section 1, US 23 to Stagger Fork (2.0 miles), Section 2, Stagger Fork to Greasy Creek (0.7 miles); Section 3, Greasy Creek to Snake Branch (2.0 miles); Section 4A, Snake Branch to Coleman Hollow (0.8 miles); Section 4B, Coleman Hollow to 0.6 miles west of KY 195 (0.4 miles); and a portion of Section 5, 0.6 miles west of KY 195 to 0.5 miles west of KY 195 (0.5 miles).
- Stage construction is complete on five sections (5.6 miles) with the exception of surfacing. They are: Section 5, 0.4 miles west of KY 195 to 0.1 miles west of KY 195 (0.3 miles); Section 6A, KY 195 to east of Pond Creek (1.4 miles); Section 7A-1, KY 80 at Beaver Creek to east of Beaver Bottom (0.6 miles); Section 7B, East of Beaver Bottom to Beaver Creek near Flat Fork (1.0 mile); and Section 8B, Right Fork of Beaver Creek to the KY/VA state line (2.3 miles).
- Final Construction has begun on three section (3.3 miles). They are: Section 5A, 0.1 miles west of KY 195 to KY 195, Marrowbone Bridge (0.2 miles); Section 6A-2, bridge over Pond Creek (0.2); Section 6B, East of Pond Creek to Dunleary Hollow (2.1 miles); and Section 8A, Beaver Creek near Flat Fork to Right Fork of Beaver Creek (1.0 miles)
- The Design phase is complete for Section 6C, bridge over Russell Fork and CSX Railroad near Beaver Creek (0.5 miles). All right-of-way has been acquired.
- The Design phase is near completion for the following: Section 7A-2, Ramp at Beaver Creek near Elkhorn City.
- Surfacing is underway for Sections or portions of 7A, 7B, 8A and 8B.

Corridor R (U.S. 460)







Corridor R runs from Corridor I at Campton to Corridor B at Prestonsburg. The total length of the corridor is 50.7 miles.

Corridor R was built with other funds and incorporated into the ADHS.

Appalachian Development Highway System KENTUCKY



Appalachian Corridor
(Status as of September 30, 2018)

	
Open to Traffic	Not Open to Traffic
	
Interstate Highway	U.S. Highway
	
City/Town	Appalachian Region

STATUS OF CORRIDORS IN MARYLAND

Appalachian Development Highway System (ADHS) Maryland Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	86.8 miles
Number of ADHS Miles Eligible for Funding:	83.2 miles
Number of ADHS Completed Miles:	77.0 miles
Miles Remaining Stage Construction (Open to Traffic):	3.7 miles
Miles in Location Study Stage:	2.5 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$385.4 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011) \$289.6 million

Corridor E:	complete
Corridor N:	\$183.9 million
Corridor O:	\$105.7 million

Fiscal Year 2018 Obligations

During fiscal year 2018, Maryland obligated a total of \$16.3 million federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor E (I-68)

Corridor E runs from the West Virginia state line near Friendsville to I-70 at Hancock. The total length of the corridor is 80.6 miles.

Authorized for ADHS Funding	77.0 miles
All Eligible Work Complete	77.0 miles

Corridor N (U.S. 219)

Corridor N runs from Corridor E at Grantsville to the Pennsylvania State line. The total length of the corridor is 2.5 miles.

Authorized for ADHS Funding	2.5 miles
Location Studies Under Way	2.5 miles

Projects currently under way on Corridor N in Maryland include:

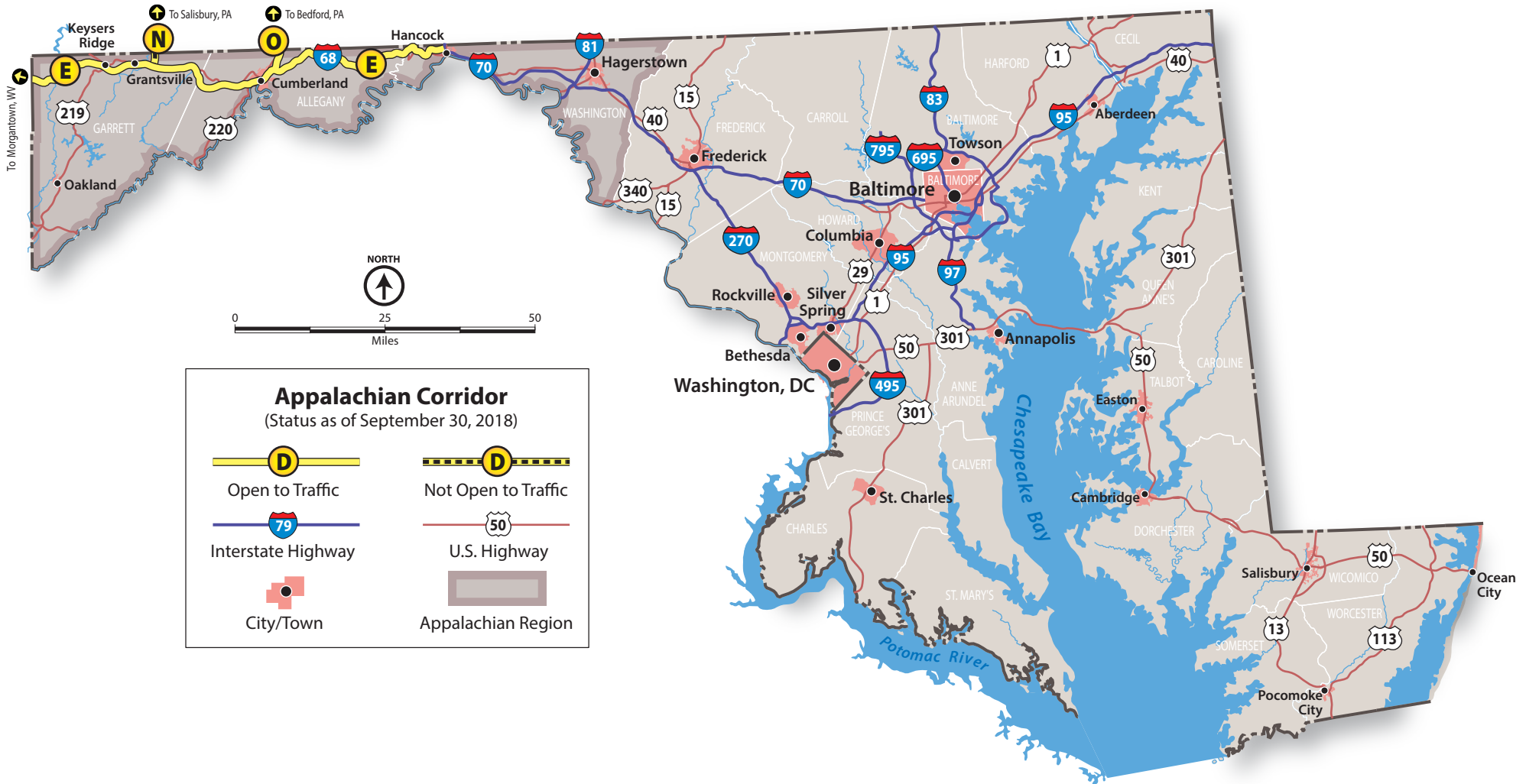
- In partnership with Pennsylvania, Maryland completed a Planning and Environmental Linkage (PEL) Study in July 2016 for the full length of US 219, from I-68 in Maryland to just south of Meyersdale, Pennsylvania. The Study also provided discussions on Independent Utility and Logical Termini for possible breakout projects for US 219.
- Maryland completed the NEPA study in July 2017 to develop a project from I-68 to north of Old Salisbury Road based on the recommendations from the PEL Study.
- A design-build contract was awarded for construction of Corridor N from I-68 to Old Salisbury Road. Substantial completion is expected in December 2020.
- Construction of the remainder of Corridor N in Maryland from Old Salisbury Road to the Pennsylvania state line is on hold but expected to proceed if Pennsylvania decides to construct the remainder of Corridor N just north of the Maryland state line.

Corridor O (U.S. 220)

Corridor O runs from Corridor E near Cumberland to the Pennsylvania State line. The total length of the corridor is 3.7 miles.

Authorized for ADHS Funding	3.7 miles
Remaining Stage Construction	3.7 miles

Appalachian Development Highway System MARYLAND



STATUS OF CORRIDORS IN MISSISSIPPI

Appalachian Development Highway System (ADHS) Mississippi Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	127.9 miles
Number of ADHS Miles Eligible for Funding:	117.5 miles
Number of ADHS Completed Miles:	109.2 miles
Miles in Design/Right-of-Way Stage:	8.3 miles
 Total ADHS-Funded Obligations To Date (Federal and State):	 \$341.4 million
 Estimated Cost to Complete, Federal and State Funds: (as of September 30, 2011)	 \$31.0 million
Corridor V:	\$31.0 million
Corridor X:	complete

Fiscal Year 2018 Obligations

During fiscal year 2018, Mississippi did not obligate federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor V (State Route 76, U.S. 278, State Route 25, U.S. 78)

Corridor V runs from I-55 at Batesville to the Alabama state line at Red Bay. The total length of the corridor is 118.8 miles.

Authorized for ADHS Funding	108.4 miles
All Eligible Work Complete	100.1 miles
Design & ROW under Way	8.3 miles

Projects currently under way on Corridor V in Mississippi include:

- Design and ROW acquisition have been completed on the section between Fairview (at SR 25) and SR 23. Construction has not been programmed.

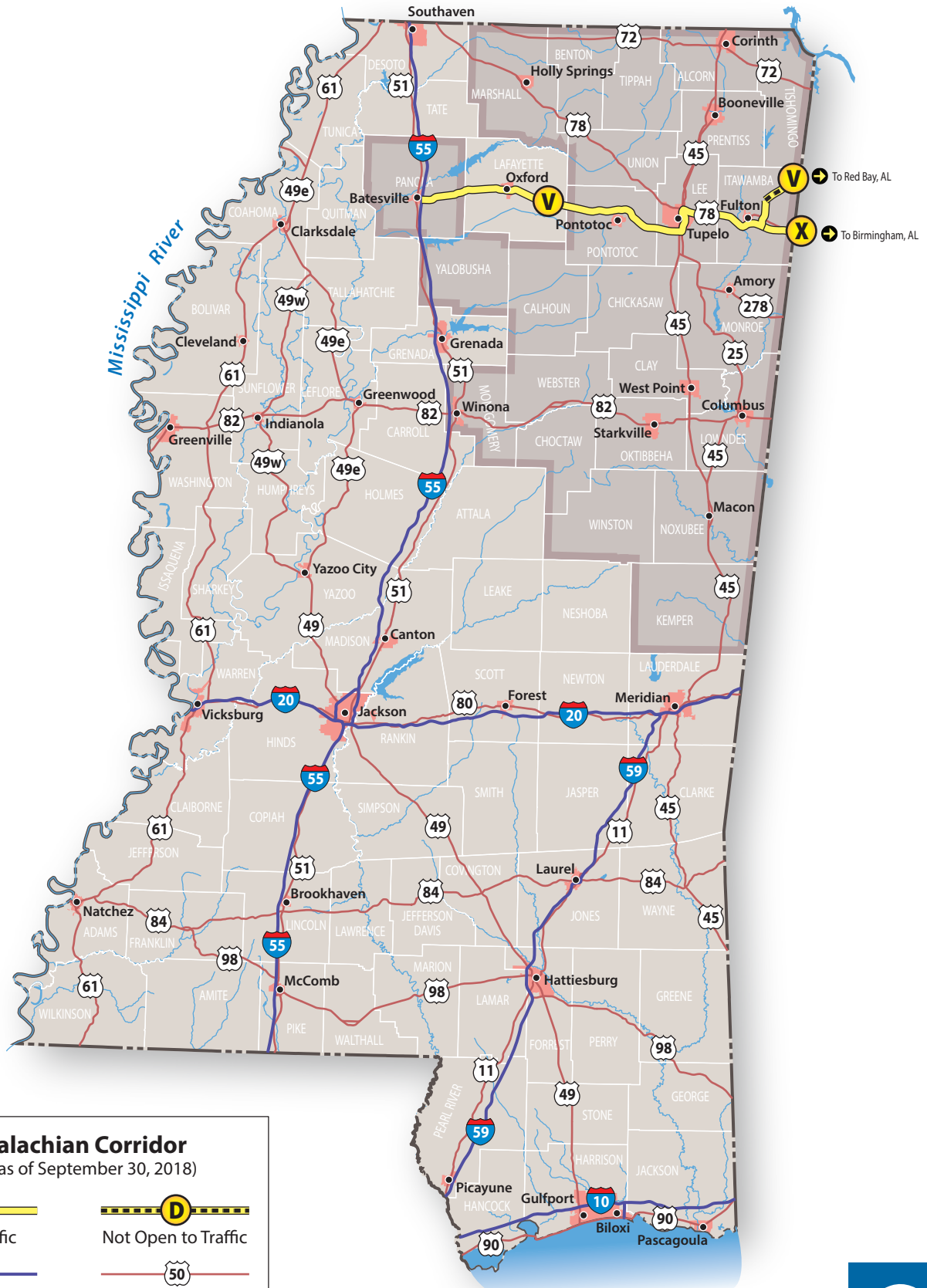
Corridor X (U.S. 78)

Corridor X runs from Corridor V at Fulton to the Alabama state line. The total length of the corridor is 9.1 miles.

Authorized for ADHS Funding	9.1 miles
All Eligible Work Complete	9.1 miles

Appalachian Development Highway System

MISSISSIPPI



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Not Open to Traffic
Interstate Highway	U.S. Highway
City/Town	Appalachian Region



STATUS OF CORRIDORS IN NEW YORK

Appalachian Development Highway System (ADHS) New York Status of Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	272.0 miles
Number of ADHS Miles Eligible for Funding:	222.0 miles
Number of ADHS Completed Miles:	220.7 miles
Miles Remaining Stage Construction (Open to Traffic):	1.3 miles
 Total ADHS-Funded Obligations To Date (Federal and State):	 \$791.7 million
 Estimated Cost to Complete, Federal and State Funds: (as of September 30, 2011)	 \$38.4 million
Corridor T:	all funds are obligated
Corridor U:	Complete
Corridor U1:	\$38.4 million

Fiscal Year 2018 Obligations

During fiscal year 2018, New York obligated a total of \$4.9 million federal funds on the ADHS from dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor T (State Route 17, I-86)

Corridor T runs from the Pennsylvania state line, west of Sherman, to I-81 at Binghamton. The total length of the corridor in New York is 245.8 miles.

Authorized for ADHS Funding	213.5 miles
All Eligible Work Complete	213.5 miles

Corridor U (State Route 328)

Corridor U runs from the Pennsylvania state line near Sealy Creek north to Corridor T at Elmira. The total length of the corridor is 13.7 miles.

Authorized for ADHS Funding	2.7 miles
All Eligible Work Complete	2.7 miles

Corridor U1 (U.S. 15)

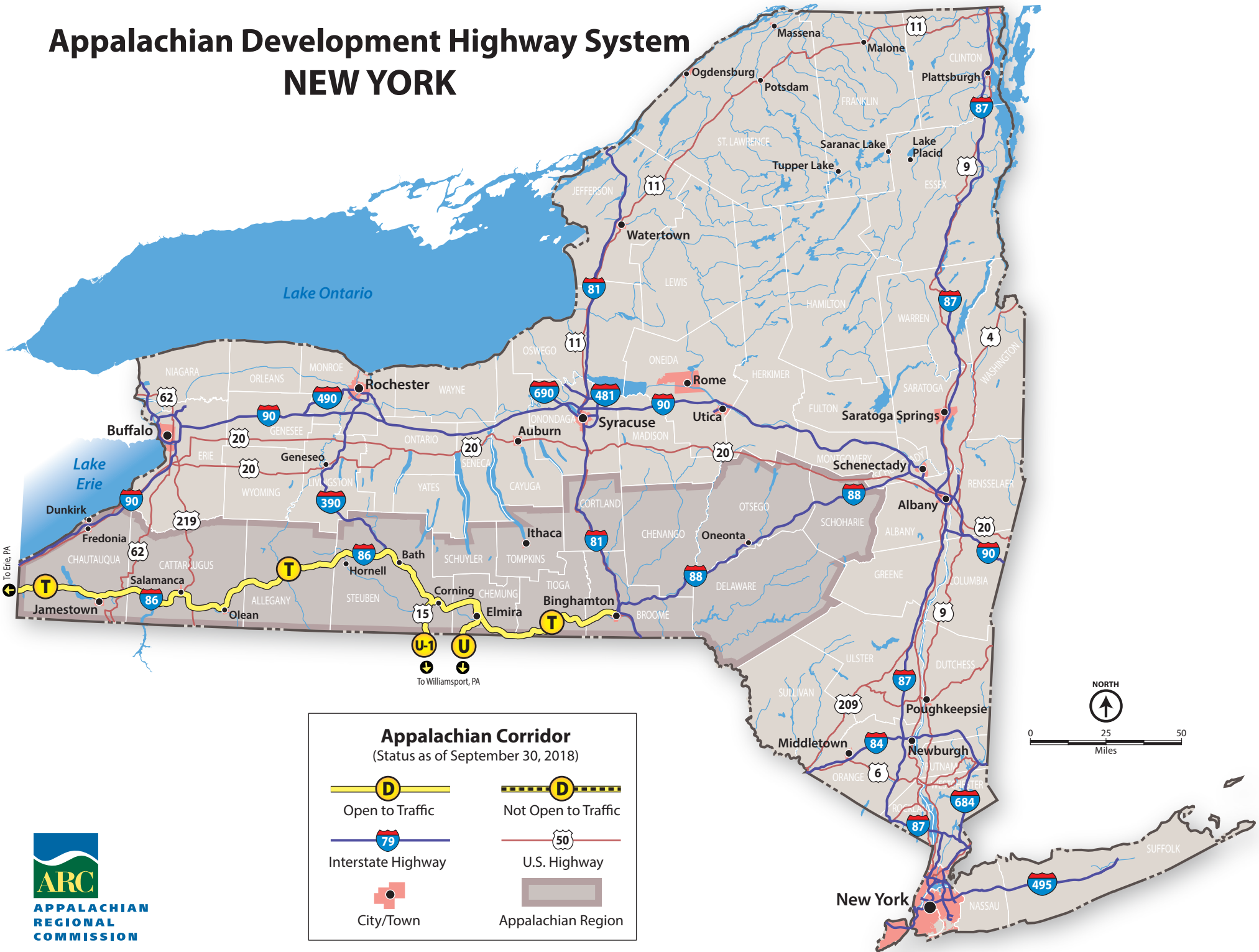
Corridor U1 runs from the Pennsylvania state line near Lawrenceville to Corridor T at Painted Post. The total length of the corridor is 12.5 miles.

Authorized for ADHS Funding	5.8 miles
All Eligible Work Complete	4.5 miles
Remaining Stage Construction	1.3 miles

Projects currently under way on Corridor U1 in New York include:

- The Rest Area/Tourist Information Center design was initiated several years ago to determine its location and footprint to facilitate disposal of surplus excavated material created under the first mile earthwork project. At this time, NYSDOT has decided not to commit the resources needed to construct, operate and maintain the RATIC. Should the current economic climate change, NYSDOT would reconsider pursuing this construction opportunity.

Appalachian Development Highway System NEW YORK



STATUS OF CORRIDORS IN NORTH CAROLINA

Appalachian Development Highway System (ADHS) North Carolina Corridors as of September 30, 2017

Summary

Total Number of ADHS Miles:	207.0 miles
Number of ADHS Miles Eligible for Funding:	204.3 miles
Number of ADHS Completed Miles:	178.2 miles
Miles Remaining Stage Construction (Open to Traffic):	4.5 miles
Miles in Design/Right-of-Way Stage:	3.5 miles
Miles in Location Study Stage:	18.1 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$614.8 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011) \$823.2 million

Corridor A:	\$62.7 million
Corridor B:	complete
Corridor K:	\$760.5 million
Corridor W:	all funds are obligated

Fiscal Year 2018 Obligations

During fiscal year 2018, North Carolina obligated a total of \$10.0 million federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor A (State Route 64, U.S. 23)

Corridor A runs from the Georgia state line south of Hayesville to I-40 west of Asheville. The total length of the corridor is 82.7 miles.

Authorized for ADHS Funding 81.9 miles

All Eligible Work Complete	74.6 miles
Remaining Stage Construction	3.8 miles
Design & ROW Stage	3.5 miles

Projects currently underway on Corridor A in North Carolina include:

- Project development activities are underway for the widening of NC 69 from the Georgia State line to US 64 (Hayesville Bypass) in Clay County (STIP Project A-0011C). Right-of-way acquisition began in FY 2018.

Corridor B (U.S. 23, future I-26)

Corridor B runs from I-40 at Asheville north to the Tennessee State line at Sam’s Gap. The total length of the corridor is 31.4 miles.

Authorized for ADHS Funding	31.0 miles
All Eligible Work Complete	31.0 miles

Corridor K (U.S. 19)

Corridor K runs from Wolf Creek at the Tennessee State line east to Corridor A at Sylva. The total length of the corridor is 83.9 miles.

Authorized for ADHS Funding	83.9 miles
All Eligible Work Complete	65.1 miles
Remaining Stage Construction	0.7 miles
Location Studies Stage	18.1 miles

Projects currently underway on Corridor K in North Carolina include:

- Project development activities are underway for the remainder of Corridor K in North Carolina.

Corridor W (U.S. 25)

Corridor W runs from the South Carolina State line near Lake Summit to I-26 near Flat Rock. The total length of the corridor is 9.0 miles.

Authorized for ADHS Funding
All Eligible Work Complete

7.5 miles
7.5 miles

STATUS OF CORRIDORS IN OHIO

Appalachian Development Highway System (ADHS) Ohio Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	303.2 miles
Number of ADHS Miles Eligible for Funding:	201.5 miles
Number of ADHS Completed Miles:	178.2 miles
Miles Under Construction:	16.2 miles
Miles in Location Study Stage:	7.1 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$667.7 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011): \$459.7 million

Corridor B:	\$360.8 million
Corridor B1:	complete
Corridor C:	\$98.9 million
Corridor C1:	complete
Corridor D:	complete

Fiscal Year 2018 Obligations

During fiscal year 2018, Ohio obligated \$4.9 million federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor B (U.S. 52, State Route 253)

Corridor B runs from the Kentucky state line at Greenup Dam, along the Ohio River to east of Portsmouth, then north to Scioto County Airport and towards northwest to Corridor C near Lucasville. The total length of the corridor is 23.0 miles.

Authorized for ADHS Funding	20.6 miles
All Eligible Work Complete	4.4 miles
Construction Under Way	16.2 miles

Projects currently under way on Corridor B in Ohio include:

- Construction is underway on the Portsmouth Bypass. ODOT entered a Public-Private-Partnership (P3) Agreement with a Developer in December 2014 to complete construction as a single phase. Responsibility for designing, building, financing, operating and maintaining the Project is transferred from ODOT to the Developer. Construction commenced June 2015 with scheduled substantial completion in December 2018. Following the completion of construction, the contract includes a 35-year operating and maintenance (O&M) period. During the operating period, per the agreement the Developer will be responsible for lifecycle capital improvements such as resurfacing and reconstruction. In return, ODOT will make payments to the Developer to cover the equity share in the project; principal and interest on loans; and maintenance and operating costs. The payment schedule consists of two milestone payments during construction at the respective 70% and 80% completion stages, another milestone payment upon substantial completion and 35 years of monthly availability payments beginning the first year of operation in late 2018 through 2053.

Corridor B1 (U.S. 23)

Corridor B1 runs from the Kentucky state line at Portsmouth north to the junction of Corridor C and Corridor B. The total length of the corridor is 11.6 miles.

Authorized for ADHS Funding	5.7 miles
All Eligible Work Complete	5.7 miles

Corridor C (U.S. 23)

Corridor C runs from its junction with Corridor B near Lucasville to I-270 at Columbus. The total length of the corridor is 71.7 miles.

Authorized for ADHS Funding	13.1 miles
All Eligible Work Complete	6.0 miles
Location Studies Stage	7.1 miles

Corridor C1 (U.S. 35)

Corridor C1 runs from its junction with Corridor C at Chillicothe to its junction with Corridor D at Jackson. The total length of Corridor C1 is 27.3 miles.

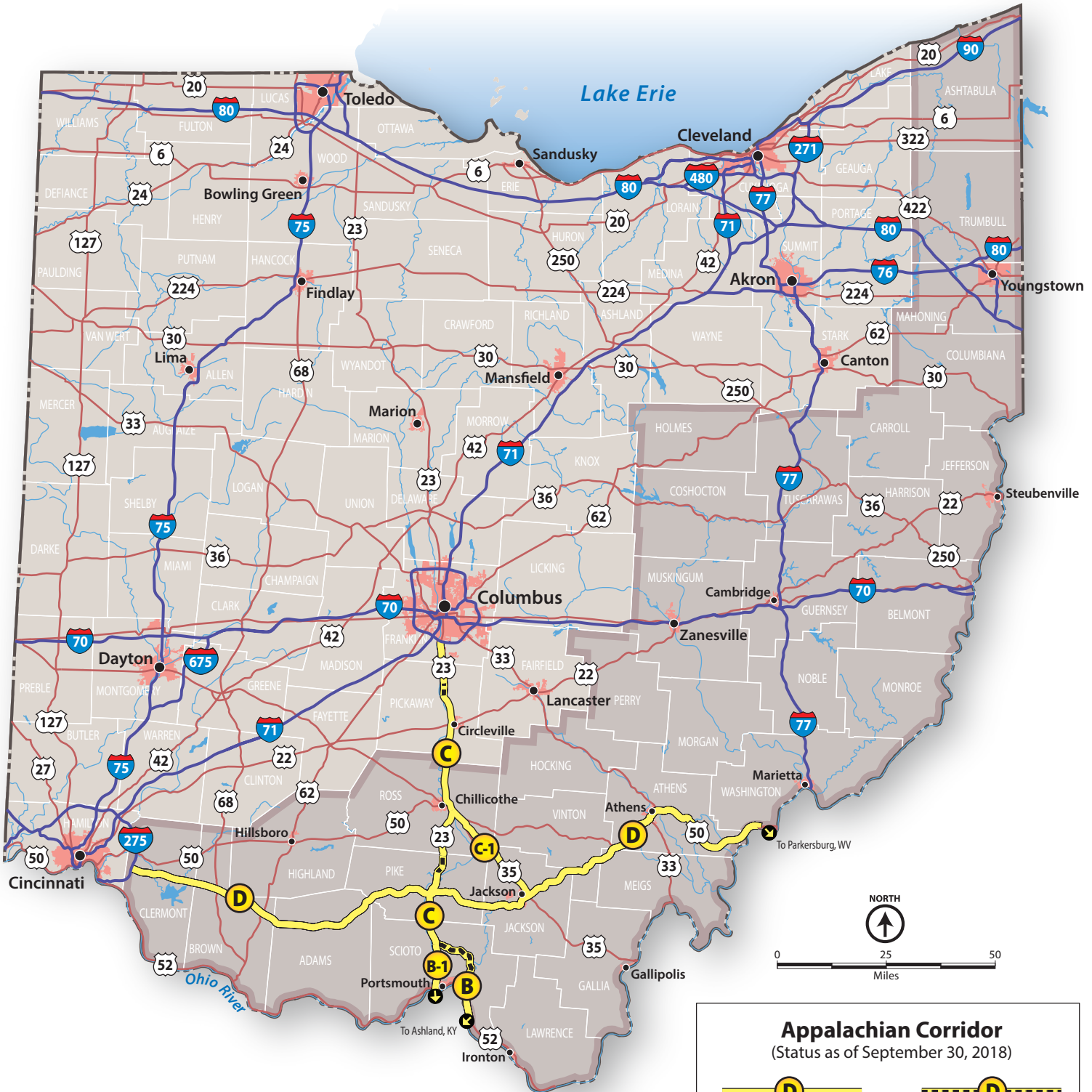
Authorized for ADHS Funding	9.4 miles
All Eligible Work Complete	9.4 miles

Corridor D (State Route 32, State Route 124, U.S. 50)

Corridor D runs from I-275 east of Cincinnati to the West Virginia state line at Belpre and Parkersburg. The total length of the corridor is 169.6 miles.

Authorized for ADHS Funding	152.7 miles
All Eligible Work Complete	152.7 miles

Appalachian Development Highway System OHIO



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Not Open to Traffic
Interstate Highway	U.S. Highway
City/Town	Appalachian Region

STATUS OF CORRIDORS IN PENNSYLVANIA

Appalachian Development Highway System (ADHS) Pennsylvania Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	606.3 miles
Number of ADHS Miles Eligible for Funding:	453.1 miles
Number of ADHS Completed Miles:	336.9 miles
Miles Remaining Stage Construction (Open to Traffic):	2.9 miles
Miles Under Construction:	17.5 miles
Miles in Design/Right-of-Way Stage:	8.4 miles
Miles in Location Study Stage:	87.4 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$3,073.3 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011) \$3,160.1 million

Corridor M:	\$1,477.1 million
Corridor N:	\$510.1 million
Corridor O:	\$114.8 million
Corridor O1:	\$336.2 million
Corridor P:	\$236.2 million
Corridor P1:	\$485.8 million
Corridor T:	complete
Corridor U:	complete
Corridor U1:	complete

Fiscal Year 2018 Obligations

During fiscal year 2018, Pennsylvania obligated a total of \$5.7 million federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor M (U.S. 22, State Route 66)

Corridor M runs from I-76 near New Stanton to a junction with I-81 near Harrisburg. The total length of the corridor in Pennsylvania is 200.1 miles.

Authorized for ADHS Funding	170.2 miles
All Eligible Work Complete	110.4 miles
Location Studies Stage	59.8 miles

Corridor N (U.S. 219)

Corridor N runs from the Maryland state line near Salisbury north to a junction with Corridor M (U.S. 22) near Ebensburg. The total length of the corridor is 65.6 miles.

Authorized for ADHS Funding	51.9 miles
All Eligible Work Complete	33.5 miles
Construction Under Way	11.4 miles
Location Studies Stage	7.0 miles

Projects currently underway on Corridor N in Pennsylvania include:

- Construction underway on an 11.4-mile section, from Meyersdale north to just south of the Pennsylvania Turnpike. Construction began in 2013 with substantial completion anticipated in November 2018.

Corridor O (U.S. 220, I-99)

Corridor O runs from the Maryland State line near Cumberland north to a junction with I-80 near Bellefonte. The total length of the corridor is 116.4 miles.

Authorized for ADHS Funding	83.4 miles
All Eligible Work Complete	81.4 miles
Design & ROW Stage	2.0 miles

Projects currently under way on Corridor O in Pennsylvania include:

- In June 2018 PennDOT was awarded a USDOT Infrastructure for Rebuilding America (INFRA) discretionary grant for construction of the I-80/I-99 interchange in Centre County. This interchange is part of the only remaining unfinished section of Corridor O. The project is currently in design and environmental re-evaluation.

Corridor O1 (U.S. 322)

Section 1117 of TEA-21 added a 23.7-mile segment from Corridor O at Port Matilda to I-80 near Clearfield which is designated as Corridor O1. On November 9, 2001, ARC approved the State’s request to move the eligibility of an additional 3.0 miles from Corridor U. The total length of the Corridor O1 is now 26.7 miles. The ADHS eligibility was removed from the 23.7-mile segment of Corridor O south of Bedford to the Maryland state line and the segment was declared “adequate”. On October 25, 2010, ARC approved the State’s request to move 12.5 eligible miles from Corridor O1 to establish a new Corridor P1. The total length of the Corridor O1 is now 26.7 miles with 14.2 miles eligible for ADHS funding.

Authorized for ADHS Funding	14.2 miles
Location Studies Under Way	14.2 miles

Corridor P (U.S. 220, I-180)

Corridor P runs from I-80 near Lock Haven via U.S. 220 and I-180, by way of Williamsport, to a junction with I-80 near Milton. The total length of the corridor is 60.0 miles.

Authorized for ADHS Funding	59.5 miles
All Eligible Work Complete	50.2 miles
Remaining Stage Construction	2.9 miles
Location Studies Stage	6.4 miles

Corridor P1 (U.S. 11, new alignment, State Route 147)

On October 25, 2010, ARC approved the State’s request to establish Corridor P1 by transferring 12.5 miles from Corridor O1. Corridor P1 runs from Corridor M (U.S 22) near New Buffalo north via U.S. 11 to Selinsgrove where it runs north, via new alignment, to State Route 147 at Chillisquaque and on north via State Route 147 to

Corridor P near Milton. The total length of Corridor P1 is 54.6 miles with 12.5 miles eligible for ADHS funding.

Authorized for ADHS Funding	12.5 miles
Construction Under Way	6.1 miles
Design & ROW Stage	6.4 miles

Projects currently under way on Corridor P1 in Pennsylvania include:

- Central Susquehanna Valley Transportation Project (CSVTV) Northern Section: Construction is underway on 6.1 miles, from the Winfield interchange at existing State Route 15 north to the beginning of the 4-lane section on State Route 147 just south of the interchange with State Route 45.
- CSVTV Southern Section: Design & ROW is underway on 6.4 miles from State Route 522 north to the Winfield interchange at existing State Route 15 and County Line Road.

Corridor T (State Route 17)

Corridor T runs from I-90 near Erie east via State Route 17 to the New York state line. The total length of the corridor is 6.8 miles.

Authorized for ADHS Funding	6.8 miles
All Eligible Work Complete	6.8 miles

Corridor U (U.S. 15, State Route 328)

Corridor U runs from Corridor P (U.S. 220) at Williamsport north via U.S. 15 and State Route 328 to the New York State line. The total length of the corridor is 72.3 miles.

Authorized for ADHS Funding	51.0 miles
All Eligible Work Complete	51.0 miles

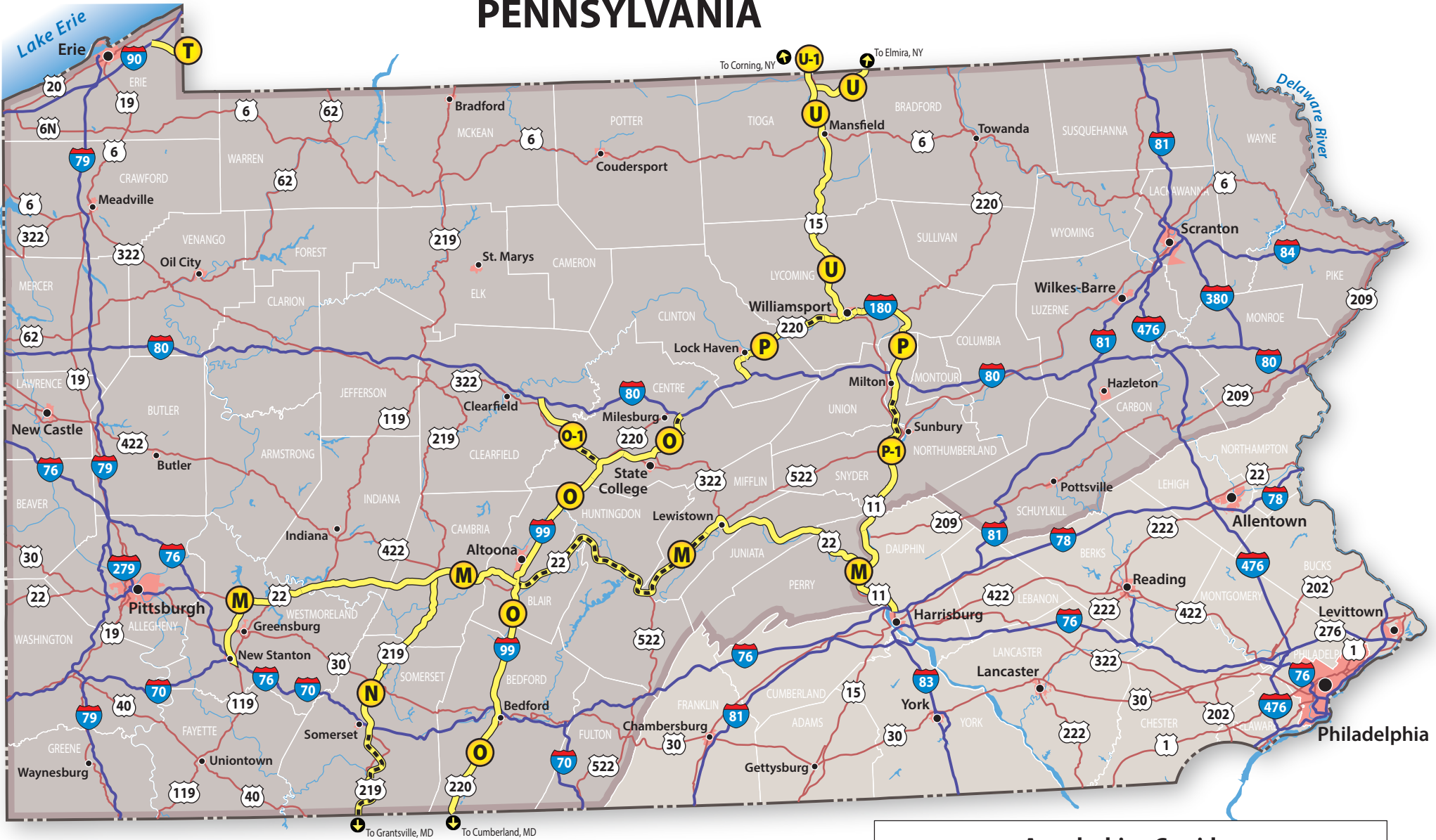
Corridor U1 (U.S. 15)

Corridor U1 runs from Corridor U near Tioga Junction to the New York state line near Lawrenceville. The total length of the corridor is 3.6 miles.

Authorized for ADHS Funding
All Eligible Work Complete

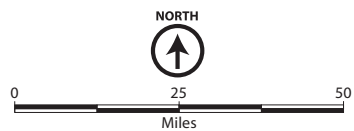
3.6 miles
3.6 miles

Appalachian Development Highway System PENNSYLVANIA



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Interstate Highway	City/Town
Not Open to Traffic	U.S. Highway	Appalachian Region



STATUS OF CORRIDORS IN SOUTH CAROLINA

Appalachian Development Highway System (ADHS) South Carolina Corridor as of September 30, 2018

Summary

Total Number of ADHS Miles:	30.7 miles
Number of ADHS Miles Eligible for Funding:	22.9 miles
Number of ADHS Completed Miles:	22.9 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$69.4 million

Estimated Cost to Complete, Federal and State Funds: \$0
(as of September 30, 2011)
 Corridor W: all funds are obligated

Fiscal Year 2018 Obligations

During fiscal year 2018, South Carolina did not obligate any federal funds on the ADHS.

Status of Corridor

Corridor W (U.S. 25)

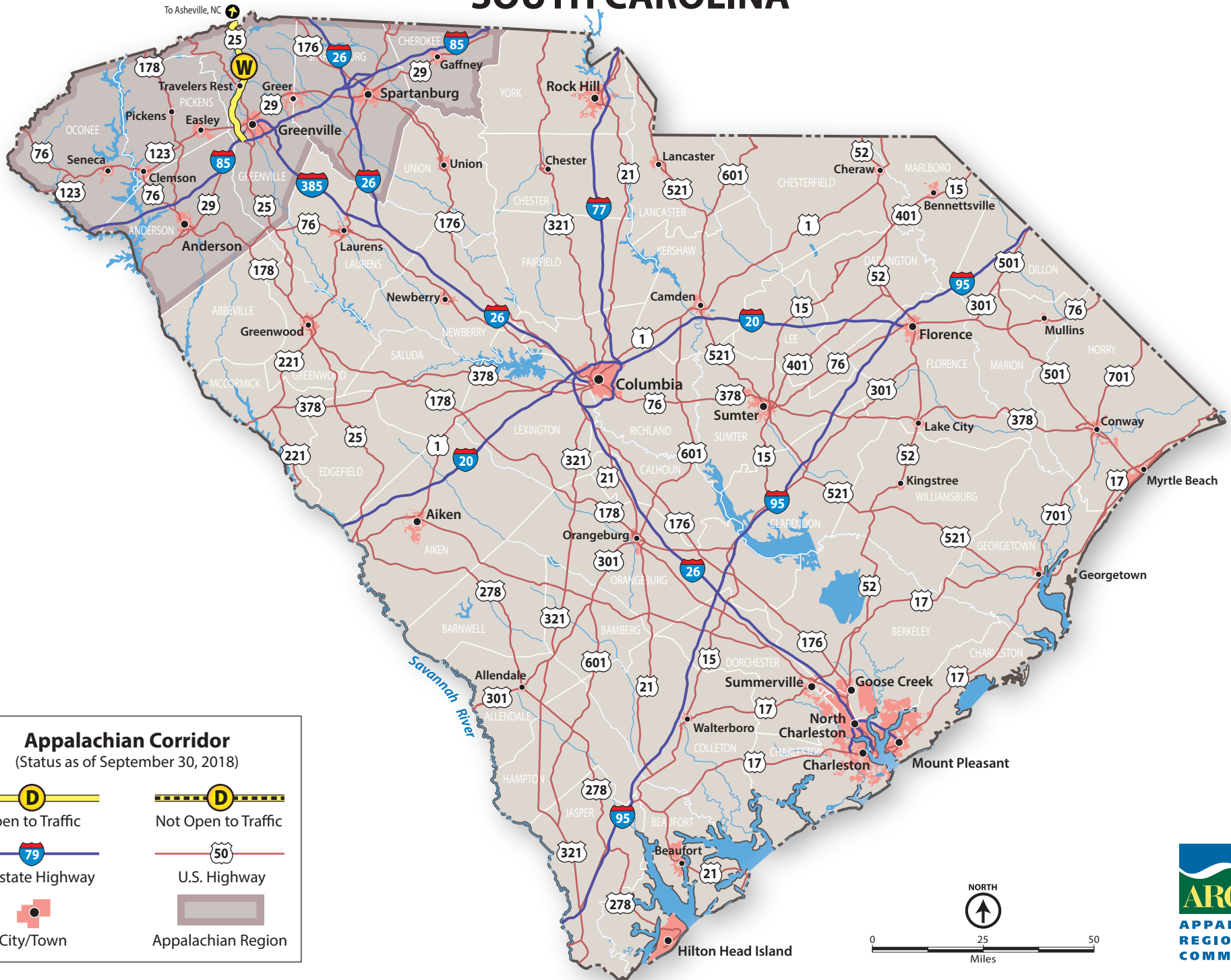
Corridor W runs from I-85 at Greenville north to the North Carolina State line. The total length of the corridor is 30.7 miles.

Authorized for ADHS Funding	22.9 miles
All Eligible Work Complete	22.9 miles

South Carolina became the first state to complete its entire ADHS miles among all 13 Appalachian states in FY 2013.

Appalachian Development Highway System

SOUTH CAROLINA



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Not Open to Traffic
Interstate Highway	U.S. Highway
City/Town	Appalachian Region

STATUS OF CORRIDORS IN TENNESSEE

Appalachian Development Highway System (ADHS) Tennessee Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	372.6 miles
Number of ADHS Miles Eligible for Funding:	329.3 miles
Number of ADHS Completed Miles:	250.4 miles
Miles Remaining Stage Construction (Open to Traffic):	61.4 miles
Miles Under Construction:	3.4 miles
Miles in Location Study Stage:	14.1 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$1,149.0 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011) \$701.2 million

Corridor B:	\$3.3 million
Corridor F:	\$30.8 million
Corridor J:	\$54.2 million
Corridor J1:	complete
Corridor K:	\$535.5 million
Corridor S:	\$46.7 million
Corridor V:	\$30.7 million

Fiscal Year 2018 Obligations

During fiscal year 2018, Tennessee de-obligated \$2.1 million federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor B (U.S 23, State Route 36, I-26, U.S. 19W)

Corridor B runs from the North Carolina State line at Sam’s Gap to the Virginia State line at Kingsport. The total length of the corridor is 57.4 miles.

Authorized for ADHS Funding	57.4 miles
All Eligible Work Complete	57.4 miles

Corridor F (U.S. 25W, State Route 63, State Route 9, U.S. 25E)

Corridor F runs from I-75 at Caryville to the Cumberland Gap at the Kentucky State line. The total length of the corridor is 41.0 miles.

Authorized for ADHS Funding	36.8 miles
All Eligible Work Complete	20.0 miles
Remaining Stage Construction	16.8 miles

Projects currently under way on Corridor F in Tennessee include:

- Environmental study for stage construction work on a 14.1-mile section of US 25W (SR-63) between LaFollette in Campbell County and Hall Lane in Claiborne County.
- Environmental study for SR 9, Bridge over Big Creek in Lafollette (Bridge & Approaches).

Corridor J (U.S. 27, State Route 29, State Route 111, State Route 52)

Corridor J runs from I-124 at Chattanooga to the Kentucky state line north of Celina. The total length of the corridor is 140.8 miles.

Authorized for ADHS Funding	115.9 miles
All Eligible Work Complete	104.5 miles
Remaining Stage Construction	8.0 miles
Construction Under Way	3.4 miles

Projects currently under way on Corridor J in Tennessee include:

- Construction on a 3.4-mile section of SR-52 from SR-111 in Livingston to near Oakley-Allons Road in Overton County. The project is open to traffic but additional minor work is required to complete the project in the near future.

Corridor J1 (Proposed State Route 451, State Route 56)

Corridor J1 runs from Algood City limits west to S.R. 56, north to Gainesboro, then along SR 53, meeting the relocated junction with Corridor J south of Celina. The total length of the corridor is 37.1 miles.

Authorized for ADHS Funding	22.9 miles
All Eligible Work Complete	22.9 miles

Corridor K (State Route 40, U.S. 64, U.S. 74, State Route 311)

Corridor K runs from I-75 at Cleveland west to the North Carolina State line. The total length of the corridor in Tennessee is 43.8 miles.

Authorized for ADHS Funding	43.8 miles
All Eligible Work Complete	16.4 miles
Remaining Stage Construction	13.3 miles
Location Studies Stage	14.1 miles

Projects currently under way on Corridor K in Tennessee include:

- Location/Environmental study to establish an alternate route for a 20.1-mile section of the corridor along US 64/74 (SR-40) in the vicinity of the Ocoee River and Ocoee Lake to Ducktown.

Corridor S (U.S. 25E, State Route 32)

Corridor S runs from I-81 near Morristown north to Corridor F near the Cumberland Gap. The total length of the corridor is 48.7 miles.

Authorized for ADHS Funding	48.7 miles
All Eligible Work Complete	27.9 miles
Remaining Stage Construction	20.8 miles

Projects currently under way on Corridor S in Tennessee include:

- Environmental study for SR-32, Interchange at SR-345 in Claiborne County.

Corridor V (State Route 27, U.S. 72)

Corridor V runs from the Alabama State line near South Pittsburg to I-24 at Kimball. The total length of the corridor is 3.8 miles.

Authorized for ADHS Funding	3.8 miles
All Eligible Work Complete	1.3 miles
Remaining Stage Construction	2.5 miles

Appalachian Development Highway System TENNESSEE



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Not Open to Traffic
Interstate Highway	U.S. Highway
City/Town	Appalachian Region

STATUS OF CORRIDORS IN VIRGINIA

Appalachian Development Highway System (ADHS) Virginia Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	204.6 miles
Number of ADHS Miles Eligible for Funding:	192.2 miles
Number of ADHS Completed Miles:	163.5 miles
Miles Under Construction:	6.5 miles
Miles in Design/Right-of-Way Stage:	7.5 miles
Miles in Location Study Stage:	14.7 miles

Total ADHS-Funded Obligations To Date
(Federal and State): \$789.4 million

Estimated Cost to Complete, Federal and State Funds
(as of September 30, 2011) \$582.7 million

Corridor B:	complete
Corridor H:	\$138.3 million
Corridor Q:	\$444.4 million (includes prefinanced projects)

Fiscal Year 2018 Obligations

During fiscal year 2018, Virginia obligated \$86.5 million federal funds on the ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor B (U.S. 23)

Corridor B runs from Weber City at the Tennessee State line to the State line near Jenkins, Kentucky. The total length of the corridor is 61.5 miles.

Authorized for ADHS Funding	57.5 miles
All Eligible Work Complete	57.5 miles

Corridor H (State Route 55)

Corridor H runs from the West Virginia State line to I-81 at Strasburg. The total length of the corridor is 14.4 miles.

Authorized for ADHS Funding	14.4 miles
Location Study Phase	14.4 miles

Corridor Q (U.S. 460)

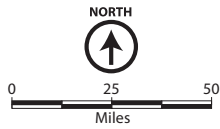
Corridor Q runs from Breaks Interstate Park at the Kentucky State line to I-81 at Christiansburg. The total length of the corridor is 128.7 miles.

Authorized for ADHS Funding	120.3 miles
All Eligible Work Complete	106.0 miles
Construction Under Way	6.5 miles
Design & ROW Stage	7.5 miles
Location Studies Stage	0.3 miles

Projects currently under way on Corridor Q in Virginia include:

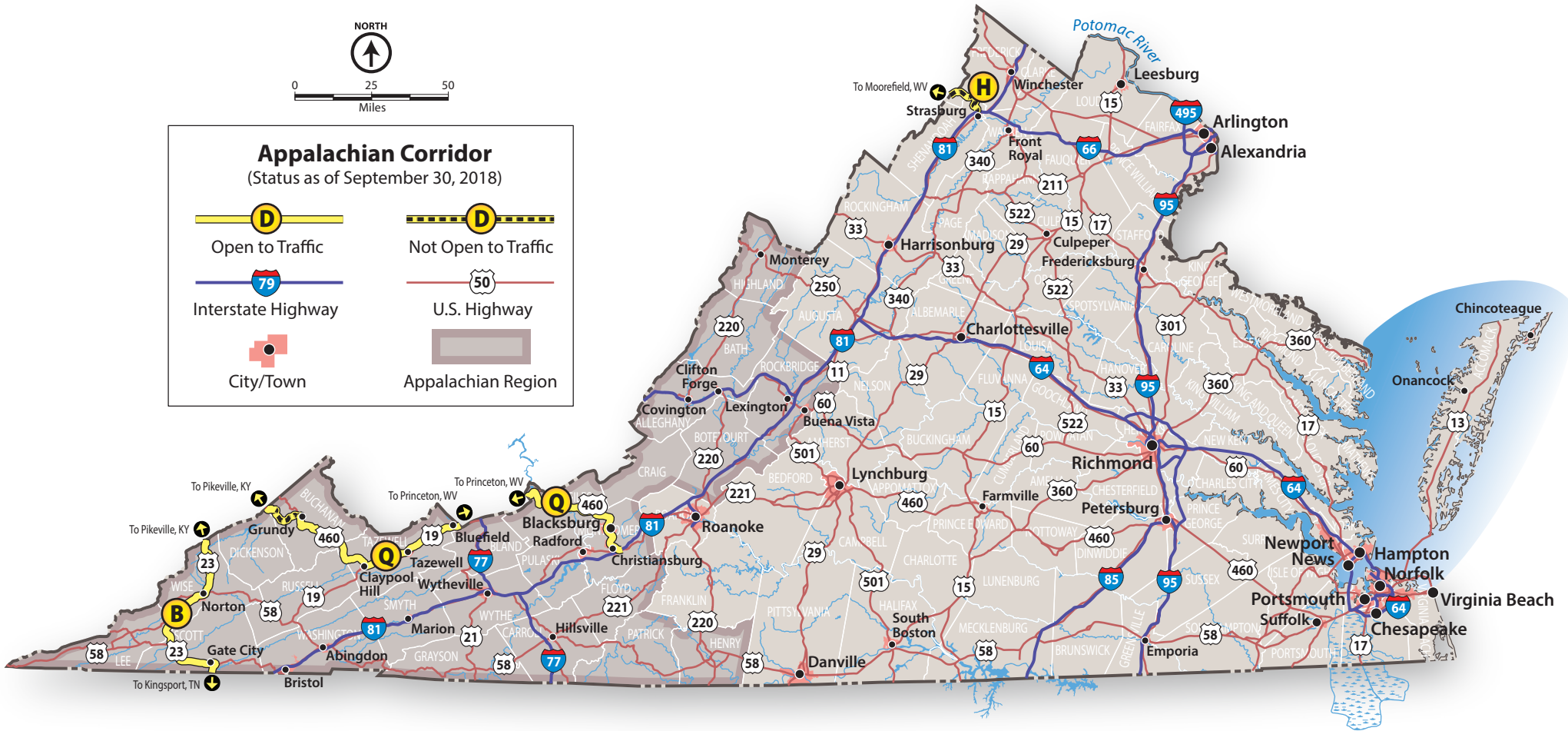
- Connector, Phase II Section (6.2 mile section from Connector, Phase I project to proposed Route 121) – Design-Build firm currently working on completing rough grade along with obtaining environmental permit final approvals.
- Popular Creek Section, Phase A (2.9 mile section from Hawks Nest project to Existing Route 604) – contract executed in July 2016, Design-Build firm currently working on preliminary design including 404 permit. NEPA is complete.
- Route 121/Corridor Q intersection project (an approximately 0.6 mile section from the 460 Connector, Phase II, to the Hawks Nest Section) – contract executed in November 2017, design-build firm currently working on final design with construction expected to start in December 2018. NEPA is complete, 401 permit has been issues, and 404 permit is not required.

Appalachian Development Highway System VIRGINIA



Appalachian Corridor
(Status as of September 30, 2018)

Open to Traffic	Not Open to Traffic
Interstate Highway	U.S. Highway
City/Town	Appalachian Region



STATUS OF CORRIDORS IN WEST VIRGINIA

Appalachian Development Highway System (ADHS) West Virginia Corridors as of September 30, 2018

Summary

Total Number of ADHS Miles:	424.8 miles
Number of ADHS Miles Eligible for Funding:	409.6 miles
Number of ADHS Completed Miles:	379.4 miles
Miles Under Construction:	7.0 miles
Miles in Design/Right-of-Way Stage:	7.9 miles
Miles in Location Study Stage:	15.3 miles

Total ADHS-Funded Obligations to Date
(Federal and State): \$3,104.4 million

Estimated Cost to Complete, Federal and State Funds:
(as of September 30, 2011) \$830.2 million

Corridor D:	complete
Corridor E:	complete
Corridor G:	complete
Corridor H:	\$830.2 million (includes prefinanced projects)
Corridor L:	complete
Corridor Q:	complete

Fiscal Year 2018 Obligations

During fiscal year 2018, West Virginia obligated \$2.5 million federal funds on ADHS from past dedicated federal funds to ADHS prior to MAP-21.

Status of Corridors

Corridor D (U.S. 50)

Corridor D runs from the Ohio State line at Parkersburg to I-79 at Clarksburg. The total length of the corridor in West Virginia is 82.3 miles.

Authorized for ADHS Funding	80.2 miles
All Eligible Work Complete	80.2 miles

Corridor E (I-68)

Corridor E runs from I-79 at Morgantown to the Maryland State line near Hazelton. The total length of the corridor is 32.2 miles.

Authorized for ADHS Funding	32.2 miles
All Eligible Work Complete	32.2 miles

Corridor G (U.S. 119, State Route 214)

Corridor G runs from the Kentucky state line at Williamson to I-64 at Charleston. The total length of the corridor is 79.6 miles.

Authorized for ADHS Funding	78.2 miles
All Eligible Work Complete	78.2 miles

Corridor H (U.S. 33, State Route 55)

Corridor H runs from I-79 at Weston to the Virginia State line near Wardensville. The total length of the corridor is 133.6 miles.

Authorized for ADHS Funding	131.7 miles
All Eligible Work Complete	101.5 miles
Construction Under Way	7.0 miles
Design & ROW Stage	7.9 miles
Location Study Stage	15.3 miles

Projects currently under way on Corridor H in West Virginia include:

- Supplemental Final Environmental Impact Statement (SFEIS) underway on 10.3 miles from CR 31 north of Parsons to SR 32 east of Davis.
- Final design and ROW acquisition on 7.9 miles from US 219 northeast of Elkins to CR 31 north of Parsons.

- Construction on a 7.0-mile section from CR 7 northeast of Elkins to US 219 in Tucker County.

Corridor L (U.S. 19)

Corridor L runs from I-77 near Beckley to I-79 near Sutton. The total length of the corridor in West Virginia is 69.9 miles.

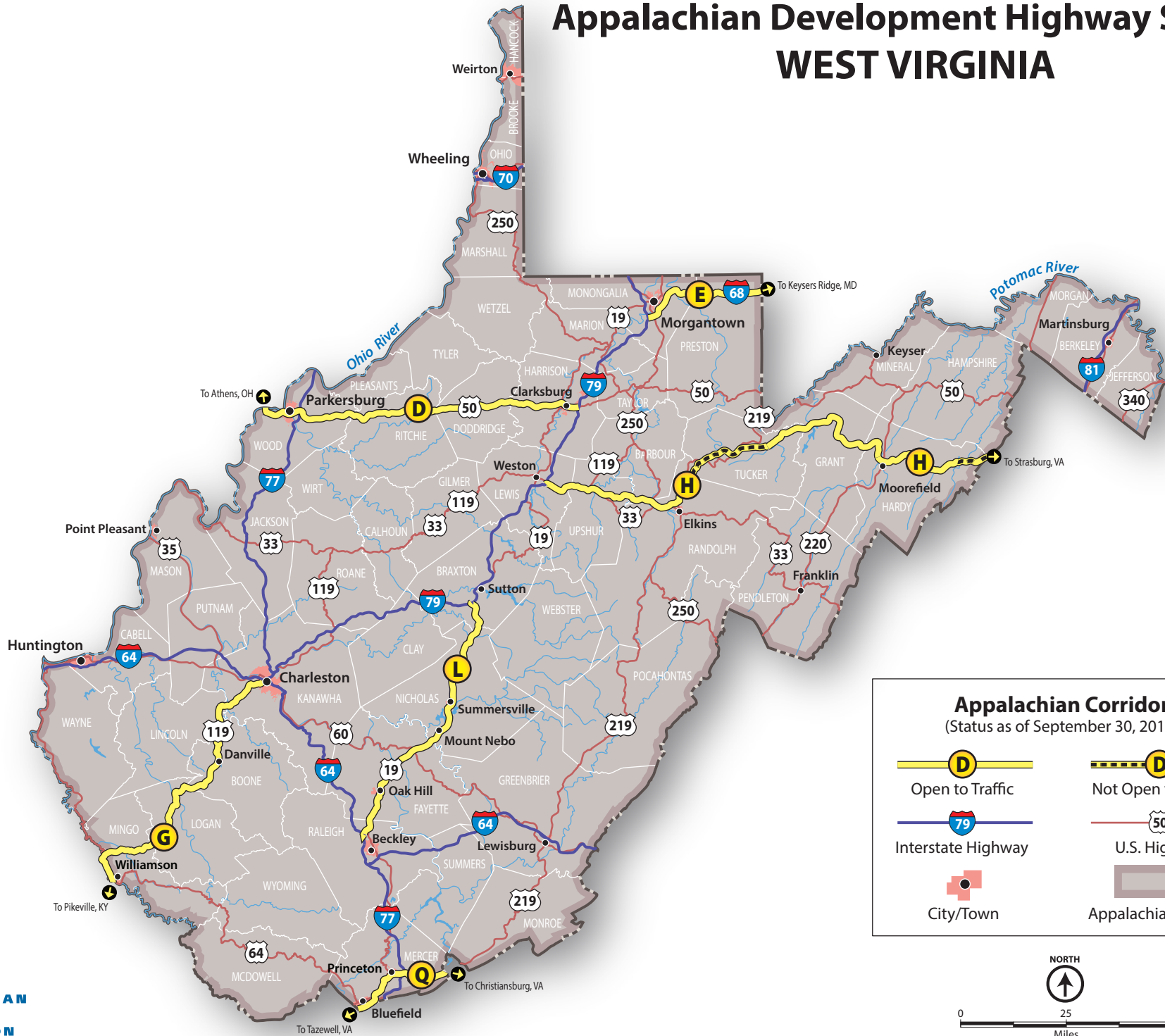
Authorized for ADHS Funding	60.5 miles
All Eligible Work Complete	60.5 miles

Corridor Q (U.S. 460)

Corridor Q runs from the Virginia state line at Bluefield to the Virginia state line near Glen Lyn. The total length of the corridor in West Virginia is 27.2 miles.

Authorized for ADHS Funding	26.8 miles
All Eligible Work Complete	26.8 miles

Appalachian Development Highway System WEST VIRGINIA



Appendix A

APPALACHIAN DEVELOPMENT HIGHWAY PROGRAM STATUS OF MILES BY CORRIDOR AND STATE

As of September 30, 2018

Corridor	State	Miles Authorized for ADHS Funding	Not Open to Traffic			Open to Traffic		Percent Open to Traffic
			Location Studies Needed	Design & ROW Under Way	Under Construction	Additional Stage Work Needed or Under Way	All Eligible Work Completed	
A	Georgia	98.1	0.0	10.5	0.0	0.0	87.6	89.3 %
	North Carolina	81.9	0.0	0.0	0.0	7.3	74.6	100.0
	Total	180.0	0.0	10.5	0.0	7.3	162.2	94.2
A-1	Georgia	13.9	0.0	0.0	0.0	0.0	13.9	100.0
	Total	13.9	0.0	0.0	0.0	0.0	13.9	100.0
A-2	Georgia	20.5	20.5	0.0	0.0	0.0	0.0	0.0
	Total	20.5	20.5	0.0	0.0	0.0	0.0	0.0
B	Kentucky	139.0	0.0	0.0	0.0	0.0	139.0	100.0
	North Carolina	31.0	0.0	0.0	0.0	0.0	31.0	100.0
	Ohio	20.6	0.0	0.0	16.2	0.0	4.4	21.4
	Tennessee	57.4	0.0	0.0	0.0	0.0	57.4	100.0
	Virginia	57.5	0.0	0.0	0.0	0.0	57.5	100.0
	Total	305.5	0.0	0.0	16.2	0.0	289.3	94.7
B-1	Kentucky	12.3	0.0	0.0	0.0	0.0	12.3	100.0
	Ohio	5.7	0.0	0.0	0.0	0.0	5.7	100.0
	Total	18.0	0.0	0.0	0.0	0.0	18.0	100.0
C	Ohio	13.1	7.1	0.0	0.0	0.0	6.0	45.8
	Total	13.1	7.1	0.0	0.0	0.0	6.0	45.8
C-1	Ohio	9.4	0.0	0.0	0.0	0.0	9.4	100.0
	Total	9.4	0.0	0.0	0.0	0.0	9.4	100.0
D	Ohio	152.7	0.0	0.0	0.0	0.0	152.7	100.0
	West Virginia	80.2	0.0	0.0	0.0	0.0	80.2	100.0
	Total	232.9	0.0	0.0	0.0	0.0	232.9	100.0
E	Maryland	77.0	0.0	0.0	0.0	0.0	77.0	100.0
	West Virginia	32.2	0.0	0.0	0.0	0.0	32.2	100.0
	Total	109.2	0.0	0.0	0.0	0.0	109.2	100.0
F	Kentucky	78.0	8.0	0.0	0.0	0.0	70	89.7
	Tennessee	36.8	0.0	0.0	0.0	16.8	20.0	100.0
	Total	114.8	8.0	0.0	0.0	16.8	90.0	93.0
G	Kentucky	26.9	0.0	0.0	0.0	0.0	26.9	100.0
	West Virginia	78.2	0.0	0.0	0.0	0.0	78.2	100.0
	Total	105.1	0.0	0.0	0.0	0.0	105.1	100.0 %

Corridor	State	Miles Authorized for ADHS Funding	Not Open to Traffic			Open to Traffic		Percent Open to Traffic
			Location Studies Needed	Design & ROW Under Way	Under Construction	Additional Stage Work Needed or Under Way	All Eligible Work Completed	
H	Virginia	14.4	14.4	0.0	0.0	0.0	0.0	0.0 %
	West Virginia	131.7	15.3	7.9	7.0	0.0	101.5	77.1
	Total	146.1	29.7	7.9	7.0	0.0	101.5	69.5
I	Kentucky	59.9	0.0	0.0	0.0	0.0	59.9	100.0
	Total	59.9	0.0	0.0	0.0	0.0	59.9	100.0
J	Kentucky	93.7	0.0	0.0	0.0	0.0	93.7	100.0
	Tennessee	115.9	0.0	0.0	3.4	8.0	104.5	97.1
	Total	209.6	0.0	0.0	3.4	8.0	198.2	98.4
J-1	Tennessee	22.9	0.0	0.0	0.0	0.0	22.9	100.0
	Total	22.9	0.0	0.0	0.0	0.0	22.9	100.0
K	North Carolina	83.9	18.1	0.0	0.0	0.7	65.1	78.4
	Tennessee	43.8	14.1	0.0	0.0	13.3	16.4	67.8
	Total	127.7	32.2	0.0	0.0	14.0	81.5	74.8
L	West Virginia	60.5	0.0	0.0	0.0	0.0	60.5	100.0
	Total	60.5	0.0	0.0	0.0	0.0	60.5	100.0
M	Pennsylvania	170.2	59.8	0.0	0.0	0.0	110.4	64.9
	Total	170.2	59.8	0.0	0.0	0.0	110.4	64.9
N	Maryland	2.5	2.5	0.0	0.0	0.0	0.0	0.0
	Pennsylvania	51.9	7.0	0.0	11.4	0.0	33.5	64.5
	Total	54.4	9.5	0.0	11.4	0.0	33.5	61.6
O	Maryland	3.7	0.0	0.0	0.0	3.7	0.0	100.0
	Pennsylvania	83.4	0.0	2.0	0.0	0.0	81.4	97.6
	Total	87.1	0.0	2.0	0.0	3.7	81.4	97.7
O-1	Pennsylvania	14.2	14.2	0.0	0.0	0.0	0.0	0.0
	Total	14.2	14.2	0.0	0.0	0.0	0.0	0.0
P	Pennsylvania	59.5	6.4	0.0	0.0	2.9	50.2	89.2
	Total	59.5	6.4	0.0	0.0	2.9	50.2	89.2
P-1	Pennsylvania	12.5	0.0	6.4	6.1	0.0	0.0	0.0
	Total	12.5	0.0	6.4	6.1	0.0	0.0	0.0
Q	Kentucky	16.5	0.0	0.5	9.1	0.0	6.9	41.8
	Virginia	120.3	0.3	7.5	6.5	0.0	106.0	88.1
	West Virginia	26.8	0.0	0.0	0.0	0.0	26.8	100.0
	Total	163.6	0.3	8.0	15.6	0.0	139.7	85.4
R	Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0 %

Corridor	State	Miles Authorized for ADHS Funding	Not Open to Traffic			Open to Traffic		Percent Open to Traffic
			Location Studies Needed	Design & ROW Under Way	Under Construction	Additional Stage Work Needed or Under Way	All Eligible Work Completed	
S	Tennessee	48.7	0.0	0.0	0.0	20.8	27.9	100.0 %
	Total	48.7	0.0	0.0	0.0	20.8	27.9	100.0
T	New York	213.5	0.0	0.0	0.0	0.0	213.5	100.0
	Pennsylvania	6.8	0.0	0.0	0.0	0.0	6.8	100.0
	Total	220.3	0.0	0.0	0.0	0.0	220.3	100.0
U	New York	2.7	0.0	0.0	0.0	0.0	2.7	100.0
	Pennsylvania	51.0	0.0	0.0	0.0	0.0	51.0	100.0
	Total	53.7	0.0	0.0	0.0	0.0	53.7	100.0
U-1	New York	5.8	0.0	0.0	0.0	1.3	4.5	100.0
	Pennsylvania	3.6	0.0	0.0	0.0	0.0	3.6	100.0
	Total	9.4	0.0	0.0	0.0	1.3	8.1	100.0
V	Alabama	135.4	0.7	0.0	0.0	15.7	119.0	99.5
	Mississippi	108.4	0.0	8.3	0.0	0.0	100.1	92.3
	Tennessee	3.8	0.0	0.0	0.0	2.5	1.3	100.0
	Total	247.6	0.7	8.3	0.0	18.2	220.4	96.4
W	North Carolina	7.5	0.0	0.0	0.0	0.0	7.5	100.0
	South Carolina	22.9	0.0	0.0	0.0	0.0	22.9	100.0
	Total	30.4	0.0	0.0	0.0	0.0	30.4	100.0
X	Alabama	95.3	0.0	0.0	0.0	26.5	68.8	100.0
	Mississippi	9.1	0.0	0.0	0.0	0.0	9.1	100.0
	Total	104.4	0.0	0.0	0.0	26.5	77.9	100.0
X-1	Alabama	65.0	42.6	19.2	3.2	0.0	0.0	0.0
	Total	65.0	42.6	19.2	3.2	0.0	0.0	0.0
Grand Total		3,090.1	231.0	62.3	62.9	119.5	2,614.4	88.5 %

Appendix B

**APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM (ADHS)
CUMULATIVE ALLOCATIONS OF ADHS FUNDS
AND APPORTIONMENTS OF TEA-21 AND SAFETEA-LU FUNDS, BY STATE**

As of September 30, 2018

(Thousands of Dollars)

State	Total Cumulative ARC ADHS Allocations	Cumulative TEA-21/SAFETEA-LU Apportionments through FY2012*
Alabama	\$ 337,462	\$ 887,289
Georgia	131,844	237,127
Kentucky	612,493	702,092
Maryland	155,329	127,472
Mississippi	155,748	74,866
New York	316,271	191,079
North Carolina	209,658	457,727
Ohio	166,156	306,692
Pennsylvania	639,099	1,589,357
South Carolina	22,440	54,833
Tennessee	435,145	571,835
Virginia	162,891	355,356
West Virginia	1,011,822	902,675
Total	\$ 4,356,359	\$ 6,458,400

* Including funds from the Surface Transportation Extension Acts
No ADHS apportionments have been provided after FY 2012