

RAILROAD MAPS

VOL. 2

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ON THE COVER: Taking a ride on the Reading (main illustration); details (clockwise): St. Louis today; high speed rail in Japan; Canadian passenger trains in the VIA Rail Canada era. Main cover illustration, Bill Metzger



RIDERS' GUIDES

Visual aids for getting from point A to point B and beyond



An outbound NJ Transit Northeast Corridor commuter train, led by Bombardier ALP-46 locomotive No. 4653, meets an inbound MU trainset at Elizabeth, N.J., on Aug. 6, 2019. During the evening commuter rush, two- and three-way meets are common at Elizabeth. TRAINS: David Lassen

RAIL TRANSIT IS AN ESSENTIAL ELEMENT of North America's largest cities. Rail lines have defined how and where cities grow, shape their development, and provide an important alternative to the expensive and often frustrating nature of car-centric travel. While fundamental to residents, a good rail system can also be a real asset to visitors, enhancing the ability to explore the length and breadth of a metro area. Here are six Riders' Guide maps to help you get around.

WEST VIRGINIA, 1949 AND 2019

A look at 70 years of change for railroads in the Mountain State

MOUNTAINS AND COAL define West Virginia's railroads. Granted, the Baltimore & Ohio may have only intended to pass through when it first crossed the territory (completing its line from Baltimore to the Ohio River at Wheeling in January 1853, a decade before West Virginia actually became a state), but even before B&O got to Wheeling the railroad was sending trainloads of coal back east to the coast.

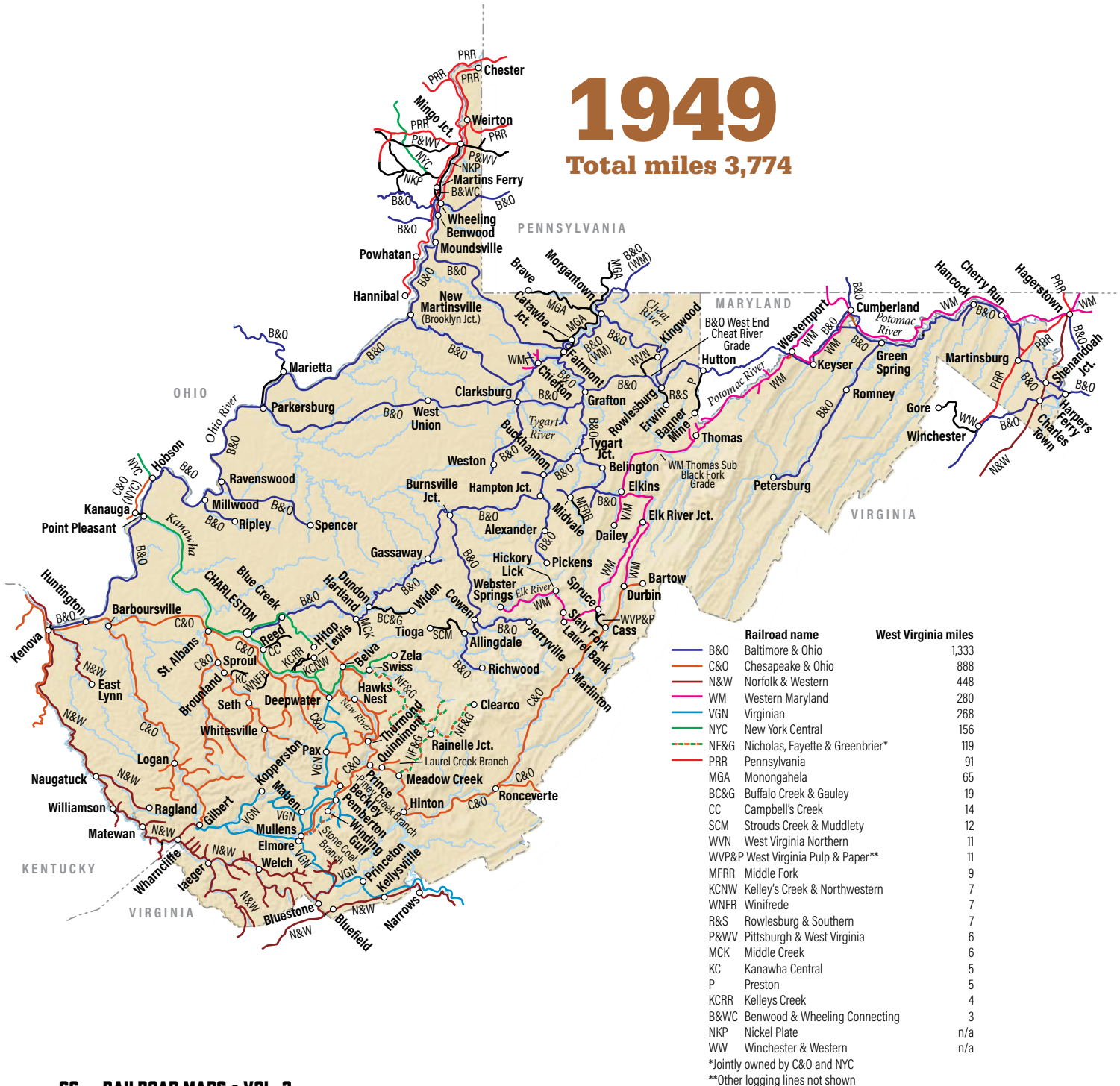
By 1949, the B&O had a whole network of coal branches in the northern part of the state, and could boast of operating 35% of

West Virginia's rail mileage, more than any other carrier. Similarly, Chesapeake & Ohio blanketed the lower central part of the state, operating a quarter of West Virginia's rail network, while Norfolk & Western (and to a lesser extent, Virginian) covered the bottom. Each of the big three railroads served different coal-producing regions, with few incursions into another's territory.

Thanks to the state's abundance of railroads, West Virginia coal dominated the U.S. market. In the mid-1940s the state

1949

Total miles 3,774



LAST MILES FOR THE CIRCUS TRAINS

The abbreviated routes of the two Ringling Bros. trains during 2017, their final season

City	Opening and closing dates		Miles (1)
Tampa, Fla.			260
Miami	1/6/17	1/15/17	825
Birmingham, Ala.	1/19/17	1/22/17	440
Columbia, S.C.	1/26/17	1/29/17	115
Charlotte, N.C.	2/1/17	2/5/17	174
Raleigh, N.C.	2/9/17	2/12/17	441
Philadelphia	2/16/17	2/20/17	78
Brooklyn, N.Y.	2/23/17	3/3/17	0 (2)
Newark, N.J.	3/8/17	3/12/17	51
Trenton, N.J.	3/17/17	3/19/17	573
Richmond, Va.	3/23/17	3/26/17	109
Washington, D.C.	3/30/17	4/2/17	0 (2)
Fairfax, Va.	4/7/17	4/16/17	36
Baltimore	4/20/17	4/30/17	486
Charleston, W.Va.	5/4/17	5/7/17	740
Uniondale, N.Y.	5/12/17	5/21/17	
Hershey, Pa.	5/25/17	5/29/17	
Omaha, Neb.	6/2/17	6/4/17	
Colorado Springs	6/8/17	6/11/17	
Las Vegas	6/15/17	6/18/17	
Phoenix	6/21/17	6/25/17	
Tucson, Ariz.	6/28/17	7/2/17	

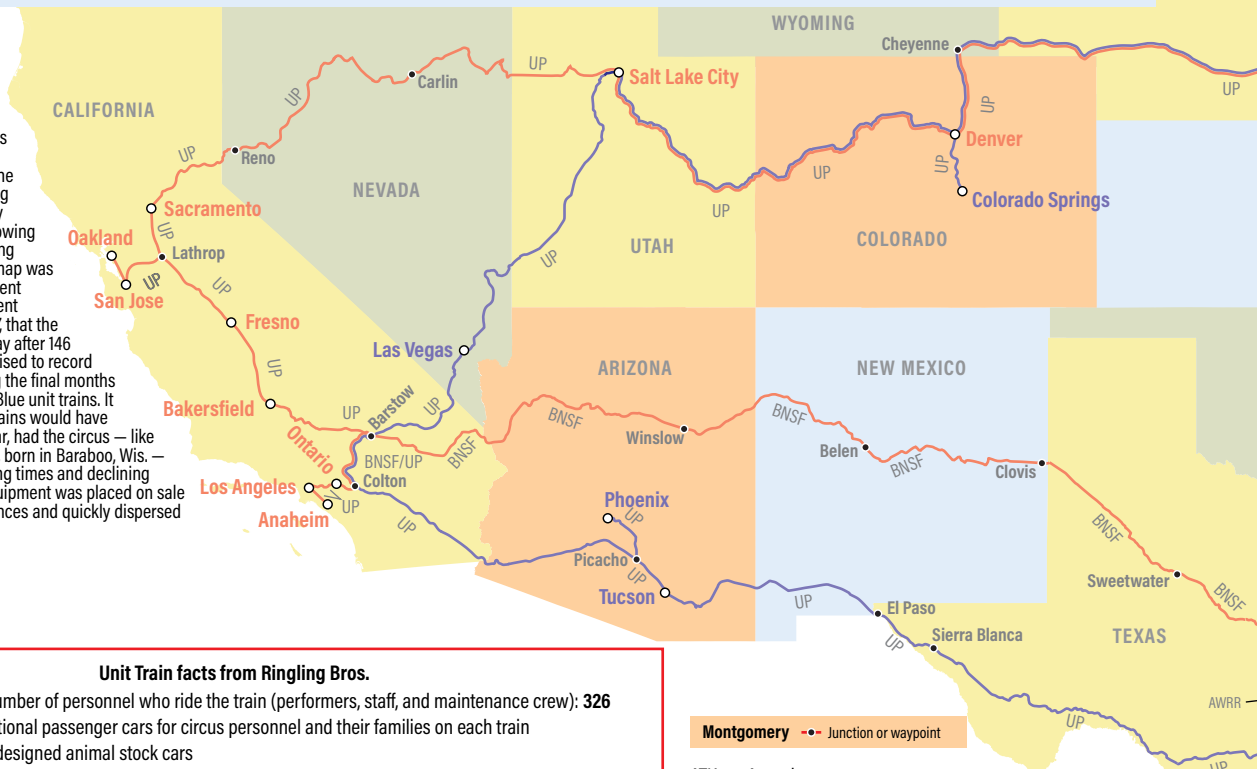
Ringling Brothers and Barnum & Bailey Blue Unit "Out of this World"

City	Opening and closing dates	
Houston	7/7/17	7/23/17
Dallas	7/26/17	8/6/17
Austin, Texas	8/9/17	8/13/17
San Antonio	8/16/17	8/20/17
Moline, Ill.	8/24/17	8/27/17
Lexington, Ky.	9/8/17	9/10/17
Kansas City, Mo.	9/13/17	9/17/17
Grand Rapids, Mich.	9/20/17	9/24/17
Columbus, Ohio	9/27/17	10/1/17
Albany, N.Y.	10/4/17	10/8/17
Boston	10/11/17	10/15/17
Bridgeport, Conn.	10/18/17	10/22/17
Rochester, N.Y.	10/25/17	10/29/17
Pittsburgh	11/1/17	11/5/17
Auburn Hills, Mich.	11/8/17	11/12/17
Detroit	11/15/17	11/19/17
Youngstown, Ohio	11/22/17	11/26/17
Nashville, Tenn.	11/29/17	12/3/17
Huntsville, Ala.	12/6/17	12/10/17
Huntsville, Ala.	12/13/17	12/17/17
Tampa, Fla.	12/20/17	12/31/17











Notes

- (1) Mileage between venues; mileages approximate
- (2) Train remains in place while circus changes venues

For several months beginning in late 2016, TRAINS worked with the good people at the Ringling Bros. and Barnum & Bailey Circus to create a map showing the route of the two Ringling circus trains in 2017. That map was all but complete when parent company Feld Entertainment announced on Jan. 14, 2017, that the circus would close that May after 146 years. So the map was revised to record the end of an era, showing the final months of moves for the Red and Blue unit trains. It also shows the path the trains would have traveled the rest of the year, had the circus — like TRAINS, a Wisconsin native, born in Baraboo, Wis. — not succumbed to changing times and declining attendance. The train's equipment was placed on sale prior to the final performances and quickly dispersed throughout the country.



Unit Train facts from Ringling Bros.

-  Average number of personnel who ride the train (performers, staff, and maintenance crew): **326**
-  **33** conventional passenger cars for circus personnel and their families on each train
-  **4** custom-designed animal stock cars
-  **2** container flats for concession storage
-  **17** piggyback flats that carry equipment, props, and vehicles
-  **6** hours to unload the train and **12** hours to set up the show
-  Red Unit: **55** cars, **3,985** tons, and **4,877** feet long
-  Red Unit: average number of miles traveled by train 2011–2016: **16,378**
-  Blue Unit: **56** cars, **4,055** tons, and **4,959** feet
-  Blue Unit: average number of miles traveled by train 2011–2016: **16,265**

Montgomery  Junction or waypoint

ATK	Amtrak	GDLK	Grand Elk
AV	Allegheny Valley	LI	Long Island
AWRR	Austin Western	LIRC	Louisville & Indiana
BNSF	BNSF Railway	NS	Norfolk Southern
CN	Canadian National	P&W	Providence & Worcester
CSO	Connecticut Southern	PAR	Pan Am Railways
CSX	CSX Transportation	UP	Union Pacific
FEC	Florida East Coast		