



### HERE'S WHAT THE CRESCENT CORRIDOR WILL DO FOR AMERICA

#### ECONOMIC DEVELOPMENT

	2020	2030
Job Creation	47,000	73,000
Cumulative Economic Impact	\$16.7 billion	\$39.8 billion

#### LONG-TERM PUBLIC BENEFITS

	2030	2040
State of Good Repair <i>(Highway maintenance savings)</i>	\$1.2 billion	\$1.9 billion
Livability <i>(Reduced highway congestion savings)</i>	\$7.7 billion	\$11.9 billion
Safety and Security <i>(Accident savings)</i>	\$2.0 billion	\$3.0 billion
Economic Competitiveness <i>(Shipping and logistics cost savings)</i>	\$14 billion	\$21.6 billion
Sustainability <i>(Reduced CO2 emissions and fuel savings)</i>	\$2.0 billion	\$3.1 billion
Cumulative Economic Value	\$35.3 billion	\$55 billion
Benefit Cost Ratio	\$16	\$25

*(Return on every \$ invested in Crescent Corridor)*

Norfolk Southern Corporation (NYSE: NSC) is a leading North American transportation provider. Its Norfolk Southern Railway subsidiary operates approximately 21,000 route miles in 22 states and the District of Columbia, serves every major container port in the eastern United States, and provides efficient connections to other rail carriers. Norfolk Southern operates the most extensive intermodal network in the East and is a major transporter of coal and industrial products.



FOR MORE INFORMATION ABOUT THE CRESCENT CORRIDOR AND OTHER NORFOLK SOUTHERN PUBLIC-PRIVATE PARTNERSHIPS, PLEASE VISIT [WWW.THEFUTURENEEDSUS.COM](http://WWW.THEFUTURENEEDSUS.COM).



# ALABAMA



"A modern, high-quality freight rail network is vital to Alabama's economic development achievements and environmental initiatives. Norfolk Southern's multi-state Crescent Corridor is expected to create more than 8,000 jobs in Alabama and eliminate nearly 600,000 long-haul trucks from Alabama's highways annually. We support Norfolk Southern's Crescent Corridor efforts as it will ensure that Alabama is connected to national and global markets."

- ALABAMA GOVERNOR BOB RILEY



# NORFOLK SOUTHERN'S CRESCENT CORRIDOR

SAFE, AFFORDABLE, GREEN SOLUTIONS TO AMERICA'S TRANSPORTATION INFRASTRUCTURE CHALLENGES

Alabama and America are facing a transportation infrastructure crisis. Our roads and bridges cannot handle all the traffic forecasted. The U.S. Department of Transportation predicts that demand for freight transportation will increase by 92 percent by 2035.

One solution is to shift some of this freight from the roads to the rails. Shipping by rail is a safe, clean, fuel-efficient, green alternative to building new highways. One train can transport the same amount of freight as nearly 300 trucks. And railroads are three or more times more fuel efficient than trucks – on average moving a ton of freight 436 miles per gallon of fuel.

Norfolk Southern's Crescent Corridor initiative will be one of the single biggest additions of new freight capacity in America since the creation of the Interstate Highway System. The Crescent Corridor is an existing 2,500-mile railroad route from New Jersey to Memphis, and beyond to New Orleans. NS is making infrastructure improvements to create

a high-speed intermodal freight route between the Southeast and Northeast that is competitive with all-highway freight transportation. The railroad is straightening curves, adding passing tracks, improving signal systems, and building and expanding intermodal facilities in Alabama, Pennsylvania, and Tennessee.

Nearly \$2.5 billion in Crescent Corridor projects have been identified, and based on the public benefits that stand to be derived in the form of highway congestion relief, NS plans to implement the Crescent Corridor initiative through a series of public-private partnerships. When the Crescent Corridor initiative is fully implemented, it is anticipated that 1.3 million truckloads of freight will be absorbed from the highways to the rails annually, saving the U.S. 169 million gallons of fuel per year, reducing carbon emissions by 1.9 million tons, and generating a projected 73,000 jobs by 2030 – 47,000 of them by 2020. The Corridor will start handling traffic in 2012, and with shared investment, could reach full capacity by 2021.

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## CRESCENT CORRIDOR AT-A-GLANCE

**Most comprehensive public-private partnership for improving freight rail transportation in the East**

- **Nearly 400 miles** of new passing track and double track
- New or expanded intermodal terminals in **11 markets**
- **\$2.5 billion** in new investment

**More options for shippers**

- **2,500-mile** rail network from New Jersey to Louisiana, parallel to Interstate highways
- High-speed intermodal freight route will be competitive with all-highway transit times between the Northeast and Southeast

**Rail service benefits the environment**

- CO2 emissions reduced by **1.9 million tons** annually
- **169 million** gallons of fuel saved annually

**13-state economic engine**

- **73,000 jobs** by 2030 – 47,000 of them by 2020
- **\$326 million** in new tax revenues annually for states, communities

**Safer, less congested roads**

- **1.3 million** trucks diverted from highways to rails annually
- **\$575 million** savings in annual congestion costs for motorists
- **\$92 million** savings in annual highway maintenance costs
- **\$146 million** savings in annual accident costs for motorists

# ALABAMA & THE CRESCENT CORRIDOR

The Crescent Corridor will bring substantial public benefits to Alabama, including the creation or retention of 8,600 green jobs and a cumulative 10-year economic impact of \$4.08 billion. By eliminating more than 607,000 long-haul trucks from Alabama's major highways every year, the Crescent Corridor will also lead to reductions in traffic congestion and accidents, air pollution, fuel consumption, and highway wear and tear.

Development of a new \$112 million Birmingham regional intermodal facility will create new employment opportunities and increase the economic competitiveness of the state. The facility, which will be built in Jefferson County, is expected to open in early 2012. NS also plans to make \$15 million in track and signal upgrades in 11 counties in the state.

**607,000 FEWER LONG-HAUL TRUCKS ANNUALLY** on Alabama Interstate highways means safer, less congested roads for motorists, reduced highway maintenance costs for state government, and cleaner air for everyone.



## BENEFITS FOR ALABAMA

- **8,600 jobs** over the next decade; **13,000 jobs** by 2030
- **\$112 million** investment in new Birmingham area intermodal facility
- **607,000** fewer long-haul trucks annually on highways
- **17.4 million** fewer gallons of fuel consumed annually
- **193,000** fewer tons of CO2 released annually
- **\$59.1 million** savings in annual congestion costs for motorists
- **\$15.0 million** annual savings from accidents avoided
- **\$11.7 million** savings in annual highway maintenance costs
- **\$55.1 million** annual logistics cost savings for Alabama businesses

## NORFOLK SOUTHERN SERVICE FOR ALABAMA

- 1,370 route miles
- 1,450 employees
- \$102 million annual payroll
- \$19.7 million in annual purchases and payments
- NS has partnered with economic development agencies and private developers to help attract \$3.65 billion in investment in new or expanded industries in Alabama over the last 10 years, creating an estimated 10,600 jobs.

