



TDOT
Department of
Transportation

**Tellico Village HOA
General Meeting
September 20, 2018**

TDOT Mission Statement

To serve the public by providing the best multimodal transportation system in the nation.

Goals:

**Safety, Efficiency, Economic Opportunity,
Collaboration with Local Partners,
and Environment**

State of the State

“We are a state with low debt and low taxes. We have a history of fiscal responsibility, and I am proud that we are carrying on that commitment to our taxpayers...It is my conviction that we exist to provide services for citizens that they can't purchase themselves. Our job is to provide those services at the lowest possible price...Tennesseans want a state government that is accountable and spends their tax dollars as carefully as they spend their own dollars.”

--Tennessee Governor Bill Haslam

The Good News



HOME U.S. ▾ NEWS MARKETS INVESTING TECH MAKE IT VIDEO SHOWS MORE

SUBSCRIBE ▾

PRO

LIVE TV

WATCHLIST



TOP STATES FOR BUSINESS

The 10 US states with the best infrastructure in America

Scott Cohn | @ScottCohnTV

4:40 PM ET Tue, 11 July 2017

2. Tennessee

The Tennessee Valley Authority — formed during the Great Depression to provide power, flood control and economic development assistance for Tennessee and six other southeastern states — serves 9 million people and is a model for public works management. But the Volunteer State is doing plenty on its own to help its infrastructure. The state's IMPROVE Act, just signed into law by Gov. Bill Haslam, relies on gasoline taxes and user fees to fund nearly a thousand highway projects, while ultimately cutting state and local taxes by \$500 million a year.

2017 Infrastructure score: 242 out of 400 points

Deficient bridges: 5 percent

Average commute to work: 24.5 minutes

Major airports: Memphis International, Nashville International

20-year water needs: \$2.7 billion

2016 Infrastructure rank: No. 2 (tied with Texas)



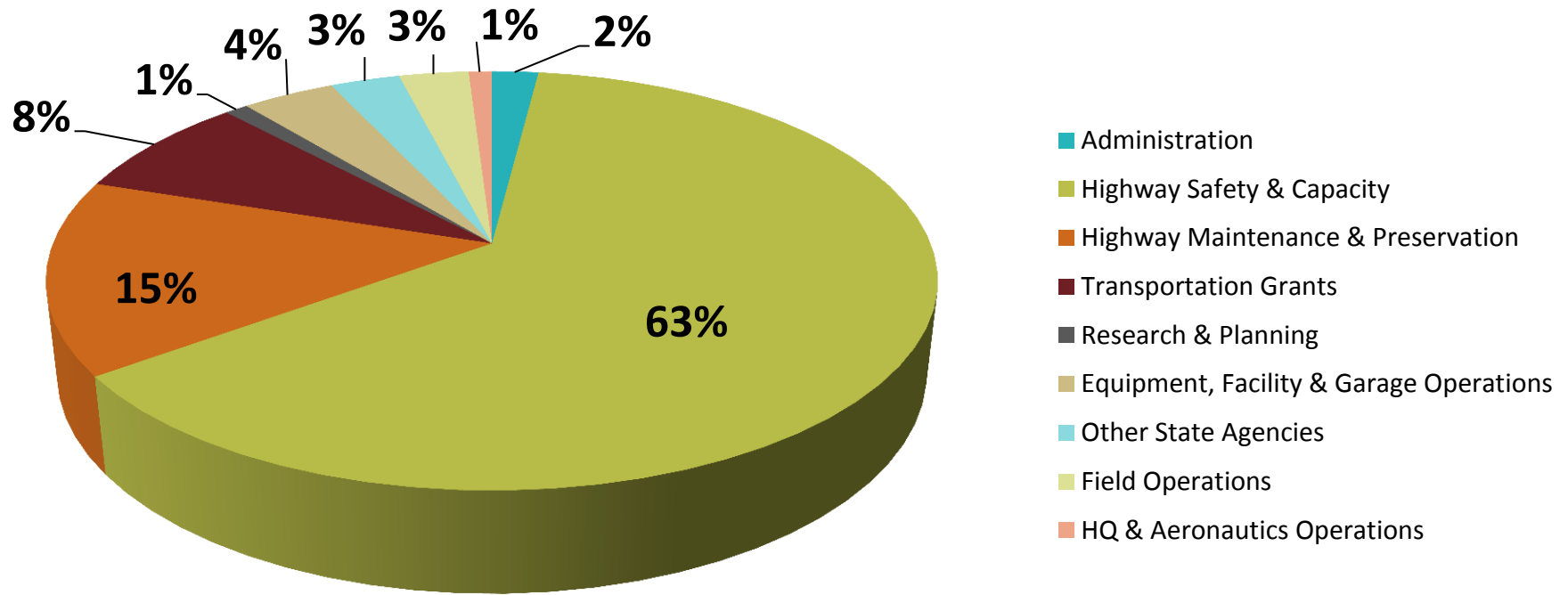
<https://www.cnbc.com/2017/07/11/10-us-states-with-best-infrastructure-cnbc-top-states-for-business.html>

TN

TDOT

Department of
Transportation

How We Spend Our Money



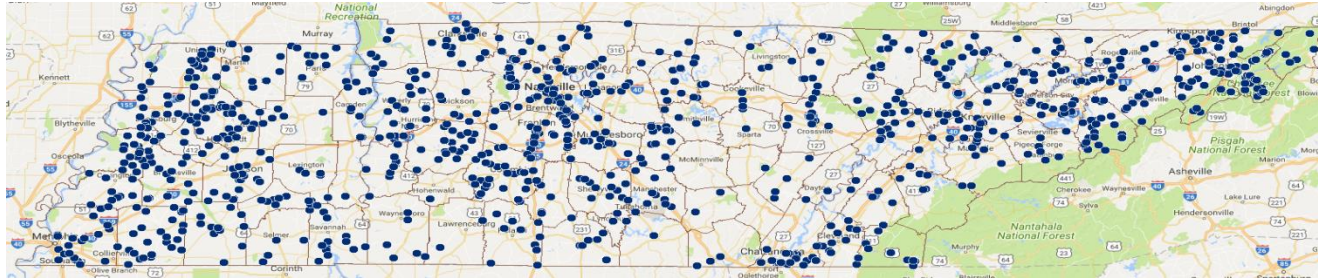
IMPROVE Act

- Improving **M**anufacturing, **P**ublic **R**oads, and **O**pportunities for a **V**ibrant **E**conomy
 - Tax Decreases
 - Sales Tax on Food
 - Franchise and Excise Tax
 - Hall Income Tax
 - Tax Increases
 - Vehicle Registration Fee
 - Electric Vehicle Registration Fee
 - Gas Tax
 - Diesel Tax
 - Compressed Natural Gas and Liquefied Gas

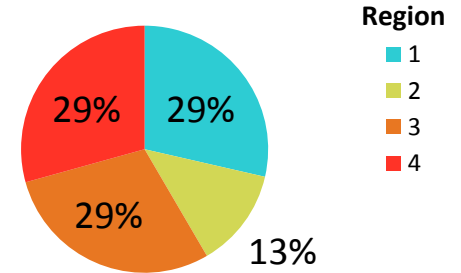
IMPROVE Act Projects

- **Capital Project**
 - Welcome Center Renovations
- **Interstate Modernization**
 - Congestion, Safety, Reliability, Capacity
- **ITS Project**
 - Cameras, Overhead Signs, HELP Program, Maximize Efficiency
- **Bridges**
 - State and Local (for areas that can't support routine maintenance)
- **Primary Trade Corridors**
 - Routes Critical for Moving Goods and Services
- **Economic Developments**
 - Improvement of Accessibility for Urban Growth
- **Safety**
 - Guardrail Additions, Signage, Rumble Strips, etc.

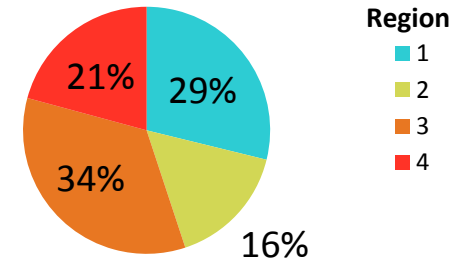
IMPROVE Act - Statewide



IMPROVE Act Projects



IMPROVE Act Costs

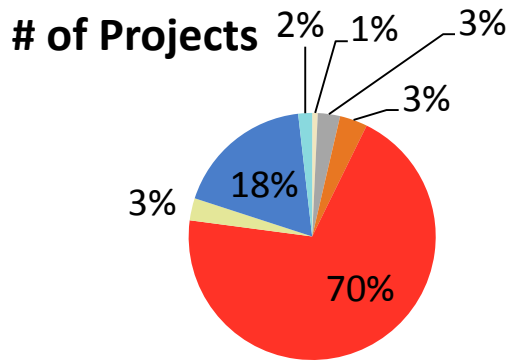
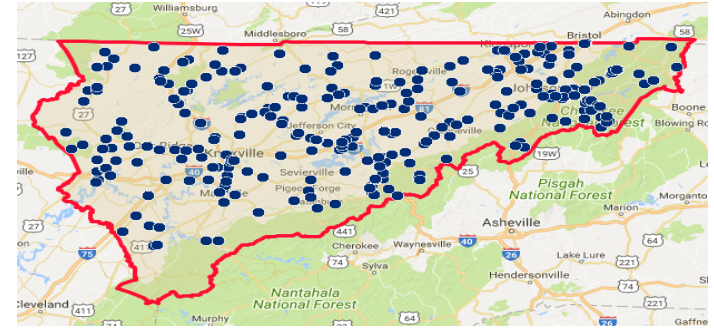


| Region | # of Projects | # Backlog | # New Start | Estimated Cost |
|--------------|---------------|------------|-------------|--------------------------|
| 1 | 275 | 48 | 216 | \$ 3,022,650,209 |
| 2 | 125 | 23 | 92 | \$ 1,687,227,862 |
| 3 | 280 | 32 | 242 | \$ 3,595,275,979 |
| 4 | 282 | 49 | 217 | \$ 2,179,562,046 |
| Total | 962 | 152 | 767* | \$ 10,484,716,096 |

*115 are not bridge projects

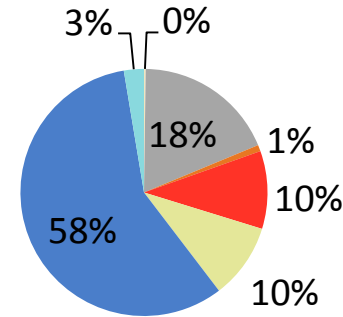
IMPROVE Act – Region 1

| Region 1 | | |
|--------------------------|---------------|-------------------------|
| Type of Project | # of Projects | Estimated Cost |
| Capital Project | 2 | \$ 6,750,000 |
| Interstate Modernization | 8 | \$ 559,757,158 |
| ITS Project | 10 | \$ 25,056,000 |
| Bridges | 192 | \$ 308,075,404 |
| Primary Trade Corridors | 8 | \$ 298,030,884 |
| Economic Developments | 50 | \$ 1,745,662,763 |
| Safety | 5 | \$ 79,318,000 |
| Total | 275 | \$ 3,022,650,209 |



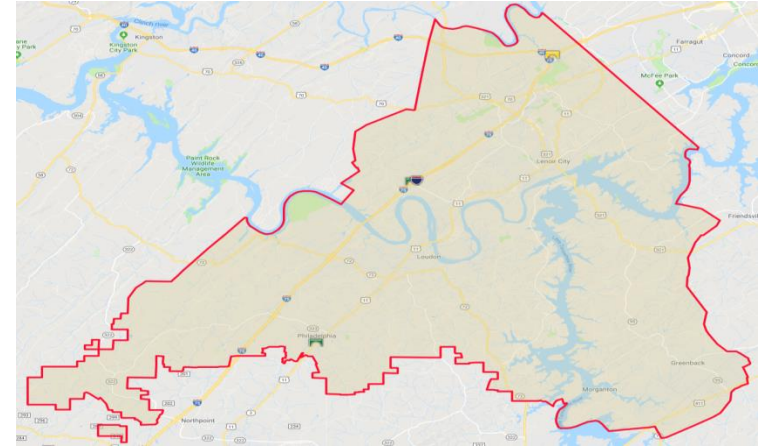
- Capital Project
- Interstate Modernization
- ITS Project
- Bridges
- Primary Trade Corridors
- Economic Developments
- Safety

Cost of Projects



IMPROVE Act – Loudon County

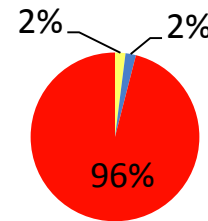
| Loudon County | | |
|-----------------|---------------|----------------------|
| Type of Project | # of Projects | Estimated Cost |
| Local Bridges | 2 | \$3,756,000 |
| State Bridges | 1 | \$5,105,000 |
| Interstate | 1 | \$200,182,597 |
| Total | 4 | \$209,043,597 |



Number of Projects



Cost of Projects





TN

U.S. 321 Bridges and Widening

TM

U.S. 321 from SR-2 to East of Little Tennessee River, Loudon County

🇺🇸 **Basic Project Information:** The construction of two (2) welded steel plate girder bridges and a concrete I-Beam bridge on U.S. 321 (SR-73) beginning at U.S. 11 (SR-2) and extending to east of Little Tennessee River, including grading, drainage and paving.

🇺🇸 **Contract #:** CNL139

🇺🇸 **Effective Date:** 8/7/2012

🇺🇸 **Completion Date:** 7/30/2018

🇺🇸 **Original Contract Amount:** \$69,361,720.70

🇺🇸 **Adjusted Contract Amount:** \$71,655,500.040



U.S. 321 Project Location Map



U.S. 321 Bridge History

- 🌀 Several alternates were studied
- 🌀 TVA expressed a desire not to replace or widen the existing bridge on the dam
 - the bridge hampers access
 - requires stopping and controlling traffic maintenance operations
 - a new bridge would keep TVA facilities separated from public access.
- 🌀 US-321 is now four lane highway from I-40 and I-75 to Maryville.
- 🌀 Pedestrian access enhanced

Additional Project Information

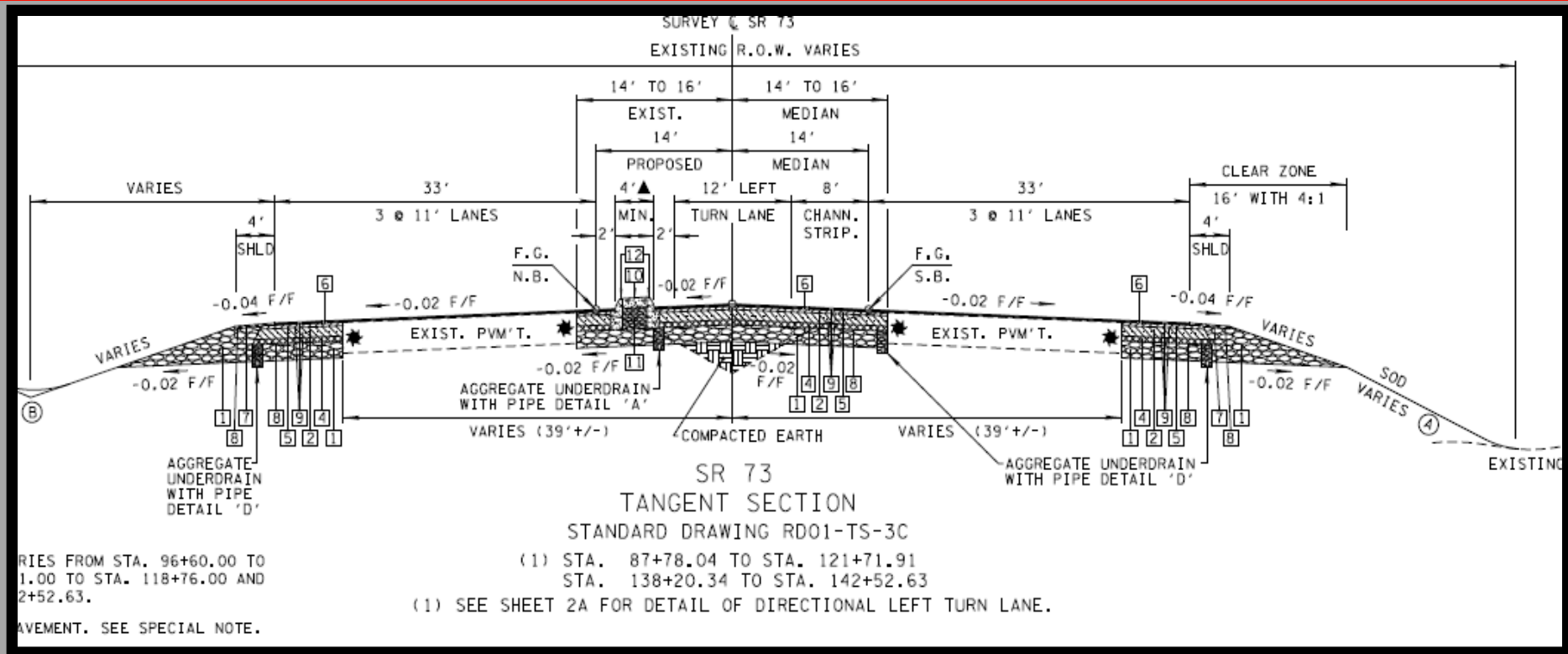
- Approximately 980,000 cubic yards of fill material placed (1.5 million TONS!)
- Old bridge removed: 28-span, 2300 ft overall length, 3.1 million pounds structural steel
- Approximately 43,500 tons asphalt
- Approximately 470,000 cubic yards concrete
- Approximately 2.51 million pounds reinforcing steel
- Bike lanes and shared path added



U.S. 321 Widening and U.S. 11/U.S. 321 Intersection Improvements

- 🌀 **Basic Project Information:** Widening of U.S. 321 from Simpson Road to north of U.S. 11, U.S. 11/U.S. 321 intersection improvements, and associated grading, drainage, and utility relocation.
- 🌀 **Contract #:** CNR295
- 🌀 **Project Let to Construction:** October 2017
- 🌀 **Contract Awarded:** J&M Grading Division LLC
- 🌀 **Current Contract Amount:** \$12,751,276.05
- 🌀 **Construction Began:** December 2017
- 🌀 **Current Completion Date:** June 2019
- 🌀 3 lanes from Simpson Road to Intersection with designated turn lanes will alleviate congestion by increasing capacity and provide safer movements across traffic.
- 🌀 2 Lanes each way must be open on U.S.-321 and 1 Lane each way on U.S.11 during the day – night time only closures.
- 🌀 Currently moving utilities, installing roadway subgrade, installing new drainage, installing curb and gutter, preparing to pave new shoulder/outside lane areas.

U.S. 321 Widening - Typical Section



Location Map



Rendering



To Lenoir City

To Tellico Village

To I-75

To Farragut

Cross Section

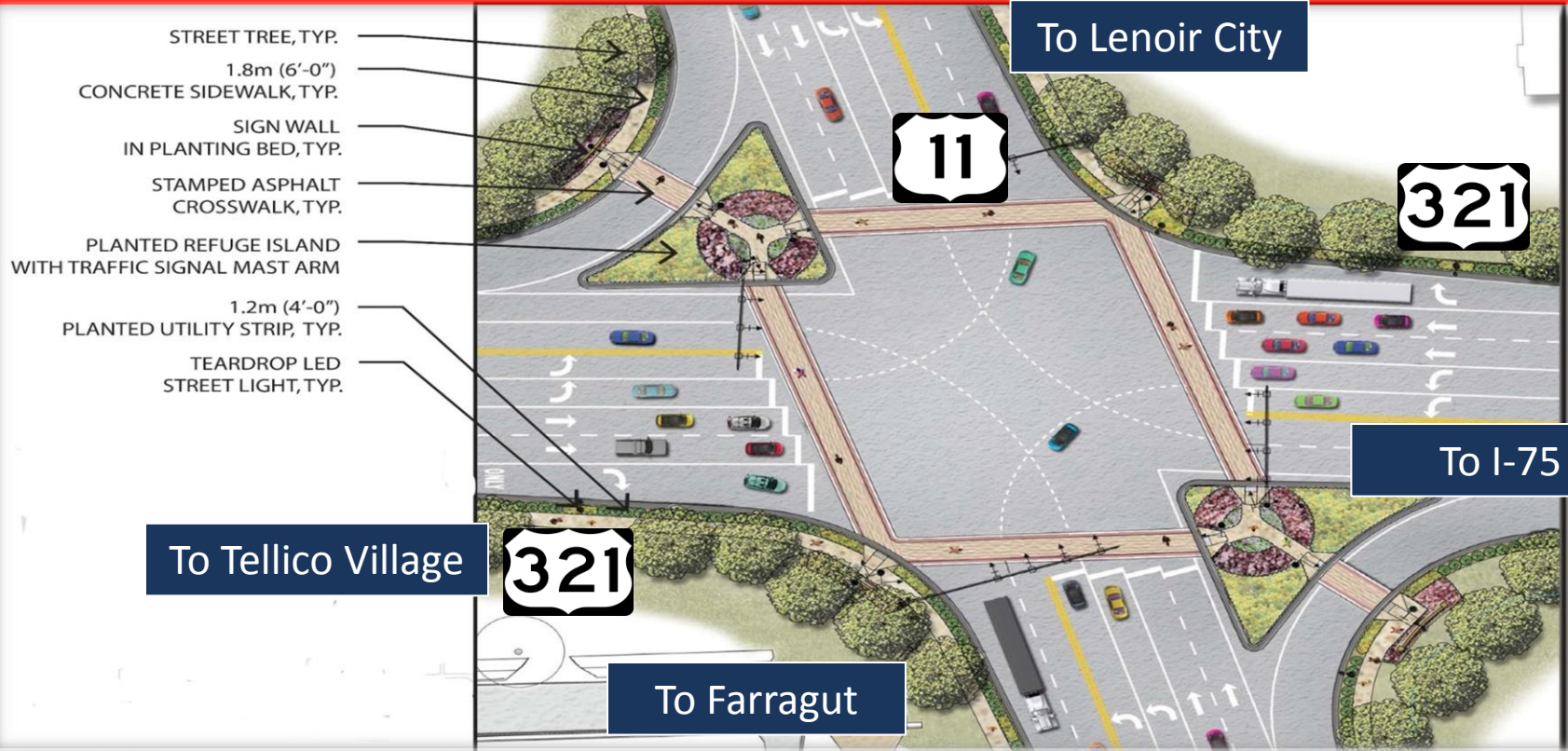


SECTION A-A': S.R. 2 (U.S. 11) LOOKING SOUTHWEST

Cross Section



Streetscape Amenities



Streetscape Palette Board

LIGHTING



TEARDROP LED STREETLIGHT WITH EXTENDED ARM MOUNT

FURNISHINGS



METAL STRAP BENCH, BLACK FINISH



METAL STRAP LITTER RECEPTACLE, BLACK FINISH

HARDSCAPE



COLORLED AND STAMPED ASPHALT CROSSWALK

SIGNAGE



GATEWAY ENTRY SIGN

STREET TREES



ACER RUBRUM 'OCTOBER GLORY'
OCTOBER GLORY RED MAPLE



TILIA CORDATA 'GREENSPIRE'
LITTLE-LEAF LINDEN

MEDIAN TREES



LAGERSTROEMIA INDICA 'NATCHEZ'
NATCHEZ CRAPE MYRTLE

ORNAMENTAL TREES



PRUNUS X YEDOENSIS
YOSHINO CHERRY

EVERGREEN SHRUBS



ILEX VOMITORIA 'SCHILLINGS'
SCHILLINGS DWARF YAUPON HOLLY

DECIDUOUS SHRUBS



ROSA X 'KNOCKOUT'
KNOCKOUT ROSE

GROUND COVER / PERENNIALS



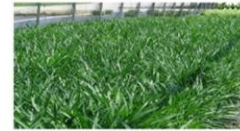
GAURA LINDHEIMERI
'WHIRLING BUTTERFLIES'
BUTTERFLY GUARA



HYPERICUM CALY CINUM
ST. JOHN'S WORT



JUNIPERUS HORIZONTALIS
BLUE RUG JUNIPER



LIRIOPE MUSCARI 'BIG BLUE'
BIG BLUE LIRIOPE



LOROPETALUM CHINENSE 'CRIMSON FIRE'
CRIMSON FIRE LOROPETALUM

TURFGRASS



TALL FESCUE BLEND

S.R. 73 (U.S. 321) AND S.R. 2 (U.S. 11) SIGNATURE INTERSECTION
PROPOSED STREETSCAPE PALETTE

August 12, 2014



Lenoir City Gateway Sign





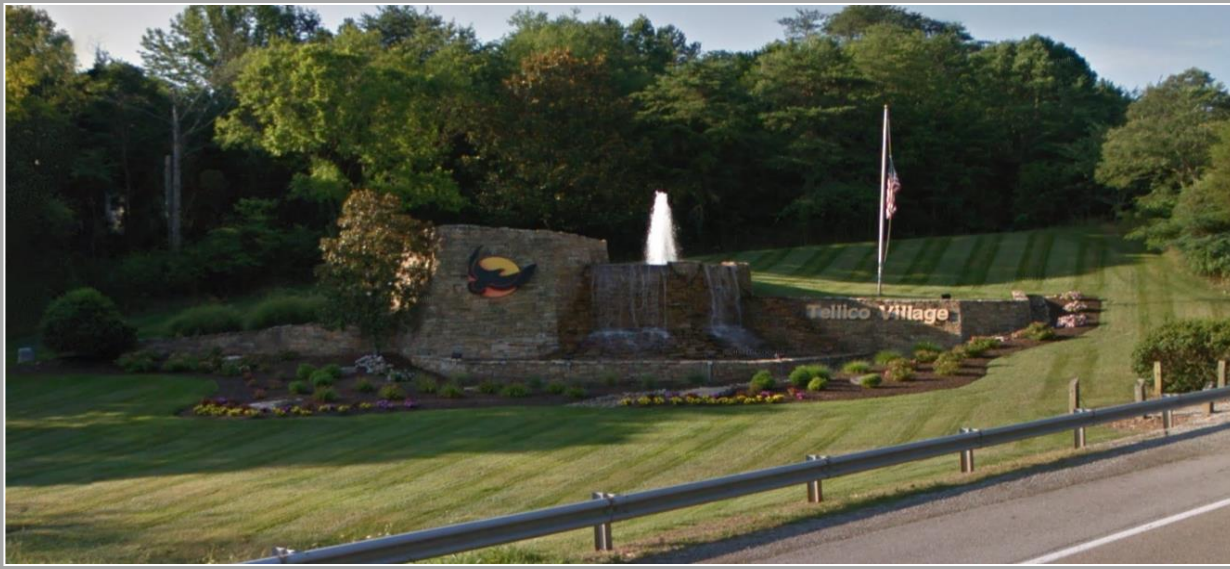
TM

SR-1/SR-2 Dixie-Lee Junction Intersection Improvements

Project Status

- ❁ **Basic Project Information:** Widening of S.R. 1 (U.S. 70, Kingston Pike) from just west of Watt Road to Wheeler Road, relocation of S.R. 2 (U.S. 11, Lee Highway) from S.R. 1 to just north of Old Stage Road, and associated grading, drainage, and utility relocation. Installation of retaining wall detention basin with landscaped surrounding area and signature “Loudon County” sign.
- ❁ **Project Let to Construction:** October 2016
- ❁ **Contract Awarded:** Whaley & Sons, Inc.
- ❁ **Current Contract Amount:** \$3,644,394.46
- ❁ **Construction began:** January 2017
- ❁ **Current Completion Date:** November 2018
- ❁ Approximately 90% complete – landscaping and punch-list items remaining.





TN

TM

SR-444
Tellico Parkway Resurfacing

Project Status

- 🌀 **Basic Project Information:** 1.25" asphalt overlay of S.R. 444 (Tellico Parkway) from S.R. 72 to U.S. 321 (S.R. 73), re-stripping of mainline with new turn lanes, and guardrail installation where required.
- 🌀 **Project Let to Construction:** May 2018
- 🌀 **Contract Awarded:** APAC Atlantic, Inc.
- 🌀 **Current Contract Amount:** \$2,560,891.15
- 🌀 **Construction to begin:** September 2018
- 🌀 **Current Completion Date:** November 2018
- 🌀 All pavement operations to take place at night.



Thank you

