## East Tennessee South RPO's

## Candidate Projects for TDOT's FY 2019-2021 Three Year Program

| Section |
| :--- |
| ash Rate ${ }^{6}$ |
| 0.568 |
| N/A |
| 0.354 |
| 0.501 |
| 0.228 |
| 0.232 |
| N/A |
| 0.120 |
| N/A |
| 0.345 |



## Data Notes:

1 - Overall project priority, to be determined by RPO.
2 - Average Annual Daily Traffic, TRIMS 2016 Data.
3 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

4 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
5 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
6 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012-2014 and compared against the 2012-2014 statewide average for each road type.

## East Tennessee South RPO's

## Candidate Projects for TDOT's FY 2019-2021 Three Year Program

| PIN | County | Route | Termini | Phase | RPO Ranking ${ }^{1}$ | AADT $2016{ }^{2}$ | AADT 2040 ${ }^{3}$ | Truck AADT $2016{ }^{4}$ | V/C Ratio 2010 | Section Crash Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 124292.00 | Cocke | 1-40 | ITS Rural Deployment on 1-40 to State Line | PE |  | 23,190-27,060 | 31,950-39,801 | 7,306-11,693 | 0.218-0.262 | 0.230 |
| 124301.00 | Cocke | 1-40 | "Hartford" Welcome Center Renovation | PE |  | 25,150 | 33,539 | 11,569 | 0.234 | 0.126 |



## Data Notes:

1- Overall project priority, to be determined by RPO.
2 - Average Annual Daily Traffic, TRIMS 2016 Data.
3 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
4 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
5 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.

6 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012-2014 and compared against the 2012-2014 statewide average for each road type.

***This is an IMPROVE Act Project***
SR - 32 (US - 321) Cocke County, 101422.00

This is an IMPROVE Act Project.

| PIN | Project Type <br> \& Description | Status <br> \& Funding |  |
| :---: | :---: | :---: | :---: |
| 101422.00 | (Cosby Hwy.) From Near SR-73 at <br> Cosby to Near Witton Springs Rd. <br> (***) (Re-Budgeted-ROW\&Stage <br> Const) (IA) - Construction-new | Active <br> PE: 98/99 | $\$ 6450$ |


| Cost $^{3}$ | 2016 AADT | 2 |
| :---: | :---: | :---: |
|  |  |  |
| $\$ 64,500,000$ | 5,740 |  |
|  |  |  |


| 2040 AADT | 2016 <br> Truck AADT $^{6}$ | 2040 <br> Truck AAD |
| :---: | :---: | :---: |
| $8,331-8,724$ | 115 | $228-288$ |
|  |  |  |



## Data Notes:

1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.
4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
9 - Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 2014 and compared against the 2012-2014 statewide average for each road type. The crash rates were then measured against the Statewide Crash Average for each individual type of road to determine the appropriate color ramp.
${ }^{* * *}$ This is an IMPROVE Act Project***
SR - 35 (US - 321) Cocke County, 101399.00
Purpose and Need:
This is an IMPROVE Act Project.

| PIN | Project Type \& Description ${ }^{1}$ | Status \& Funding ${ }^{2}$ | Cost ${ }^{3}$ | 2016 AADT $^{4}$ | 2040 AADT $^{5}$ | $\begin{gathered} 2016 \\ \text { Truck AADT }{ }^{6} \\ \hline \end{gathered}$ | $\begin{gathered} 2040 \\ \text { Truck AADT }^{7} \\ \hline \end{gathered}$ | 2010 V/C Ratio ${ }^{8}$ | $\begin{gathered} 2040 \mathrm{~V} / \mathrm{C} \\ \text { Ratio }^{9} \end{gathered}$ | Section Crash Rate ${ }^{10}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 101399.00 | (Newport Bypass) From Near US-25 to Near Saint Tide Hollow Road (IA) - Construction-new | Active PE: 97/98 ROW: 07/08 | \$43,000,000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |




## Data Notes:

${ }^{* *}$ Traffic data could not be collected because route does not exist**
1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.
4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Mode.
8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
9 - Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.

10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 2014 and compared against the 2012-2014 statewide average for each road type. The crash rates were then measured against the Statewide Crash Average for each individual type of road to determine the appropriate color ramp.

Lower Than

## I-40

## Cocke County, 103381.00

## Purpose and Need:

The purpose of this project is to improve the safety and roadway deficiencies associated with the existing portion of l-40 at O'Neal Road by adding an interchange at Log Mile 438.9.

| PIN | Project Type \& Description ${ }^{1}$ | Status \& Funding ${ }^{2}$ | Cost ${ }^{3}$ | 2016 AADT $^{4}$ | 2040 AADT $^{5}$ | $2016$ <br> Truck AADT ${ }^{6}$ | $2040$ <br> Truck AADT ${ }^{7}$ | 2010 V/C Ratio ${ }^{8}$ | 2040 V/C Ratio ${ }^{9}$ | Section Crash Rate ${ }^{10}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 103381.00 | Interchange at O'Neil Road (IA) - New Interchange | Active PE: 04/05 ROW: 11/12 | \$14,500,000 | 23,190 | 17,359-18,841 | 7,421 | 6.879-7.625 | 0.234 | $0.327-0.355$ | 0.354 |




Data Notes:
1-3 - Project Type \& Description, Status \& Funding, and Cost information were gath-1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathProject Overview Tracker (SPOT) Map.

4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
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10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not sianify safety deficiencies. These crash rates were calculated using data from 2012 2014 and compared against the 2012-2014 statewide average for each road type. The crash rates were then measured against the Statewide Crash Average for each individual type of road to determine the appropriate color ramp.

| Higher Than |  |
| ---: | :--- |
| Average |  |
|  | Lower Than |
| Average |  |

***This is an IMPROVE Act Project***
SR - 322
Monroe County, 102380.01
Purpose and Need:
This is an IMPROVE Act Project.

| PIN | Project Type \& Description ${ }^{1}$ | Status \& Funding ${ }^{2}$ | Cost ${ }^{3}$ | 2016 AADT ${ }^{4}$ | 2040 AADT $^{5}$ | $\begin{array}{r} 2016 \\ \text { Truck AA } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 102380.01 | (Sweetwater Vonore Rd.) From Sweetwater-Vo nore Road to Sheppard Road ( ${ }^{* * *)}$ (IA) - Reconstruction, spot improvements: widen shoulders, improve alignment at 5 locations, and realign 1 intersection | Active PE: $01 / 02$ | \$24,000,000 | 2,510-3,320 | 3,678-5,147 | 100 |




Data Notes:
1-3 - Project Type \& Description, Status \& Funding, and Cost information were gath ered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.

4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Mode!
8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested. 9 - Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 2014 and compared against the 2012-2014 statewide average for each road type. The crash rates were then measured against the Statewide Crash Average for each individual type of road to determine the appropriate color ramp.

## SR - 322

***This is an IMPROVE Act Project***

## Monroe County, 102380.02

## Purpose and Need:

The 2010 Environmental Assessment states, "S.R. 322 is a narrow, curving road with high traffic volumes that render it unsatisfactory as a roadway connecting industrial areas to an interstate highway. The existing two-lan
con facility travels over a hilly terrain with poor passing and stopping sight
distances. Narrow roadway shoulders and limited sight distances also distances. Narrow roadway shoulders and limited sight distances also make the roadway unsafe for pedestrian or bicycle use.There is a need
to correct the existing roadway deficiencies to increase its viability as a connector to an industrial area,improve safety for vehicles, and provide fc pedestrian and bicycle accessibility.


1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.
4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

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9 - Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 2014 and compared against the 2012-2014 statewide average for each road type. individual type of road to determine the appropriate color ramp.
${ }^{* * *}$ This is an IMPROVE Act Project***
SR - 1 (US - 70)
Roane County, 101244.03

## Purpose and Need:

This is an IMPROVE Act Project.

| PIN | Project Type \& Description ${ }^{1}$ | Status \& Funding ${ }^{2}$ | Cost ${ }^{3}$ | 2016 AADT $^{4}$ | 2040 AADT $^{5}$ | $2016$ <br> Truck AADT ${ }^{6}$ | $2040$ <br> Truck AADT ${ }^{7}$ | 2010 V/C Ratio ${ }^{8}$ | 2040 V/C Ratio ${ }^{\text {² }}$ | Section Crash Rate ${ }^{10}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 101244.03 | From SR-382 to Midtown (SR29) (IA) - Widen to a 5 -lane with center turn lane | Active ROW: 16/17 | \$26,500,000 | 8,700 | 9,768-10,687 | 696 | 349-417 | 0.113-0.264 | 0.142-0.340 | 0.232 |




## Data Notes:

1-3 - Project Type \& Description, Status \& Funding, and Cost information were gath ered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.
4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested. 9 - Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested. 10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 The crash rates were then measured against the Statewide Crash Average for each individual type of road to determine the appropriate color ramp.
${ }^{* * *}$ This is an IMPROVE Act Project***

| Jake Thomas Connector | PIN | Project Type \& Description ${ }^{1}$ | $\begin{array}{\|c\|} \hline \text { Status } \\ \text { \& Funding }{ }^{2} \\ \hline \end{array}$ | Cost ${ }^{3}$ | 2016 AADT $^{4}$ | 2040 AADT $^{5}$ | $\begin{gathered} 2016 \\ \text { Truck AADT }{ }^{6} \end{gathered}$ | $\begin{gathered} 2040 \\ \text { Truck AADT } \end{gathered}$ | 2010 V/C Ratio ${ }^{\text {8 }}$ | 2040 V/C Ratio ${ }^{9}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purpose and Need: <br> This is an IMPROVE Act Project. | 124789.00 | (Jake Thomas Connector) from SR-449 to SR-73 (US-321/441) (IA) Construction-new | Active PE: 17/18 | \$28,000,000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |




## Data Notes:

${ }^{* *}$ Traffic Data could not be collected because the route does not exist
1-3 - Project Type \& Description, Status \& Funding, and Cost information were gath ered from PPRM (Proiect Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.

4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewid Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the
value increases and nears 1 , it represents a road that is becoming more congested.

9 - Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 signify saifety deficiencies. These crash rates were calculated using data from 2012 - 2014 and compared against the 2012-2014 statewide average for each road type. The crash rates were then measured against the Statewide Crash Average for each individual type of road to determine the appropriate color ramp.
${ }^{* * *}$ This is an IMPROVE Act Project***
SR-73 (US-231)

## Sevier County, 100989.00

## Purpose and Need:

This is an IMPROVE Act Project.

| PIN | Project Type \& Description ${ }^{1}$ | Status \& Funding ${ }^{2}$ | Cost ${ }^{3}$ | 2016 AADT ${ }^{4}$ | 2040 AADT $^{5}$ | $\begin{gathered} 2016 \\ \text { Truck AADT }{ }^{6} \end{gathered}$ | $\begin{gathered} 2040 \\ \text { Truck AADT } \end{gathered}$ | 2010 V/C Ratio ${ }^{8}$ | 2040 V/C Ratio ${ }^{\text {a }}$ | $\begin{gathered} \text { Section } \\ \text { Crash Rate }^{10} \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100989.00 | (East Pkwy.) From Buckhorn Road to SR-416 (Phase 2) (**) (IA) - Widen to 4-Lane Divided | $\begin{aligned} & \text { A } \\ & \text { PE: 10/11 } \end{aligned}$ | \$35,900,000 | 11,100 | 11,505 | 111 | 336 | 0.270 | 0.357 | 0.120 |




## Data Notes:

1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.
4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model
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7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
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Higher Than $\square$
Average Lower Than
${ }^{* * *}$ This is an IMPROVE Act Project***

## SR-499 EXT

## Sevier County, 124788.00

## Purpose and Need:

This is an IMPROVE Act Project.

| PIN | Project Type <br> \& Description |
| :---: | :--- | ---: |$\quad$| St |
| ---: |
| \& Fu |




## Data Notes:

${ }^{* *}$ Traffic Data could not be collected because the route does not exist
1-3 - Project Type \& Description, Status \& Funding, and Cost information were gath ered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.

4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewid Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the

9- Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
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Higher Than $\square$ Lower Than Average

Average
***This is an IMPROVE Act Project***
SR-35 (US-411) Sevier-Jefferson Counties, 101401.01 -

| PIN |  |
| :---: | :---: |
| 101401.01 | N <br> R <br> SR |


| Project Type <br> \& Description' |
| :--- |
| (Newport Hwy.) From Near Sims <br> Road in Sevier County to Near <br> SR-92 (Dickey Road) <br> N |


| Status <br> \& Funding |  |
| :---: | :---: |
| Active | $\$ 35,3$ |


| Cost $^{3}$ | 20 |
| :---: | :---: |
| $\$ 35,300,000$ |  |


| 2016 AADT | 2040 AADT $^{5}$ | Truck |
| :---: | :---: | :---: |
| 7,450 | $2,783-11,323$ |  |

Purpose and Need:
This is an IMPROVE Act Project.

|  | 204 |
| :--- | ---: |
|  |  |

2040

| 7 | 2010 |
| :--- | :--- |

10 V/C Ratio ${ }^{8} 2040$ V/C Ratio ${ }^{9}$

Section
Crash Rate
Crash Rate ${ }^{10}$



## Data Notes:

1 -3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.
4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
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***This is an IMPROVE Act Project***

## I-40

Cocke County, 124292.00
Purpose and Need:
This is an IMPROVE Act Project.

| PIN | Project Type \& Description ${ }^{1}$ | Status \& Funding ${ }^{2}$ | Cost ${ }^{3}$ | 2016 AADT $^{4}$ | 2040 AADT ${ }^{5}$ | $\begin{gathered} 2016 \\ \text { Truck AADT }{ }^{6} \end{gathered}$ | $2040$ <br> Truck AADT ${ }^{7}$ | 2010 V/C Ratio ${ }^{8}$ | 2040 V/C Ratio ${ }^{\text { }}$ | Section Crash Rate ${ }^{10}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 124292.00 | ITS Rural Deployment on I-40 to State Line (IA) - Intelligent Transportation System | Active | \$2,000,000 | 23,190-27,060 | 31,950-39,801 | 7,306-11693 | 8,417-23,470 | 0.218-0.262 | $0.303-0.375$ | 0.230 |




## Data Notes:

1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.

4 - Average Annual Daily Traffic, TRIMS 2016 Data.
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.

6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
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$\square$ Lower Than Average
***This is an IMPROVE Act Project***

## I-40

Cocke County, 124301.00
Purpose and Need:
This is an IMPROVE Act Project.



## Data Notes:

**Data Points 4 through 10 were calculated for adjacent section of 1-40**
1-3 - Project Type \& Description, Status \& Funding, and Cost information were gathered from PPRM (Project Programming Resource Management) and the Statewide Project Overview Tracker (SPOT) Map.

4 - Average Annual Daily Traffic, TRIMS 2016 Data
5 - Forecasted Average Annual Daily Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
6 - Average Annual Daily Traffic for Trucks, TRIMS 2016 Data.
7 - Forecasted Average Annual Daily Truck Traffic for the year 2040, forecasted data using the Statewide Travel Demand Model.
8 - Traffic Volume/Traffic Capacity for the year 2010, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.

9-Traffic Volume/Traffic Capacity for the year 2040, calculated using the Statewide Travel Demand Model. A V/C ratio of 0.5 is generally considered average and as the value increases and nears 1 , it represents a road that is becoming more congested.
10 - Section crash rates are the number of crashes per million vehicle miles. Higher numbers do not necessarily mean that more crashes occur and may or may not signify safety deficiencies. These crash rates were calculated using data from 2012 2014 and compared against the 2012-2014 statewide average for each road type. The crash rates were then measured against the Statewide Cras
individual type of road to determine the appropriate color ramp.

