



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

November 9, 2018

MEMORANDUM TO: Michael Burns, PE
Roadway Design Engineer
Stewart, Inc.

FROM: Chris McKoy
Traffic Forecasting Group

SUBJECT: Updated Traffic Forecast Build Scenarios for U-5727
NC 78, Lee County

The updated 2016 Build and 2040 Build traffic forecast scenarios for project U-5727 are attached. The Build forecasts are updated in response to your email message dated October 16, 2018 and reflect the changes to functional design (superstreet) for US 1. These updated Build forecast scenarios replace the previous Build scenarios delivered on November 4, 2016. The No-Build scenarios are unchanged.

If we can be of any further assistance please do not hesitate to contact me at 919-707-0939, email: cdmckoy@ncdot.gov.

cc: Jeff Teague, PE, NCDOT Division 8
Keith Dixon, Transportation Planning Division
Michael Orr, Transportation Planning Division
Scott Walston, Transportation Planning Brnach

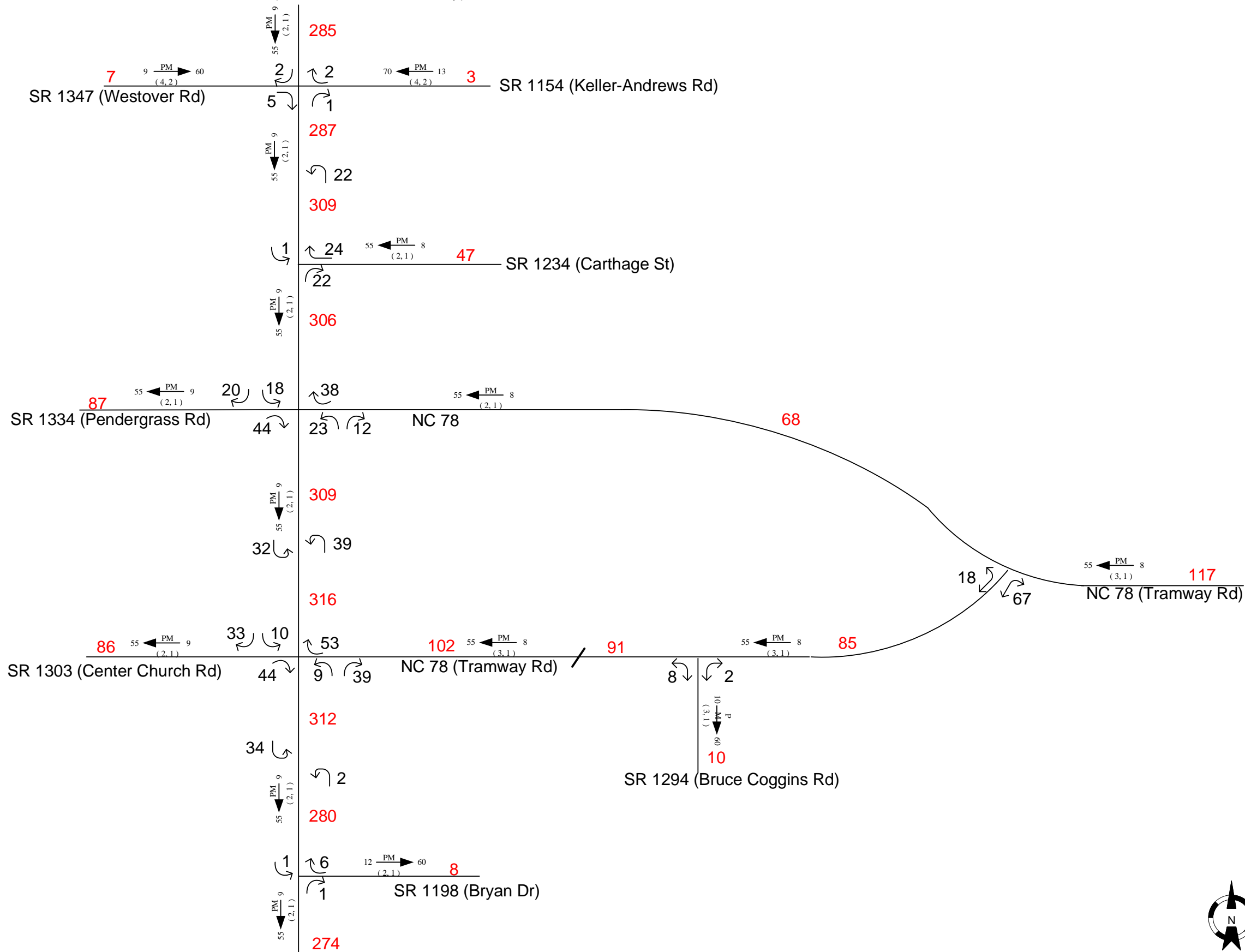
Mailing Address:
NC DEPARTMENT OF
TRANSPORTATION
TRANSPORTATION PLANNING
DIVISION
1554 MAIL SERVICE CENTER
RALEIGH, NC 27699-1554

Telephone: (919) 707-0900
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Customer Service: 1-877-368-4968
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Location:
1 SOUTH WILMINGTON ST
RALEIGH, NC 27601

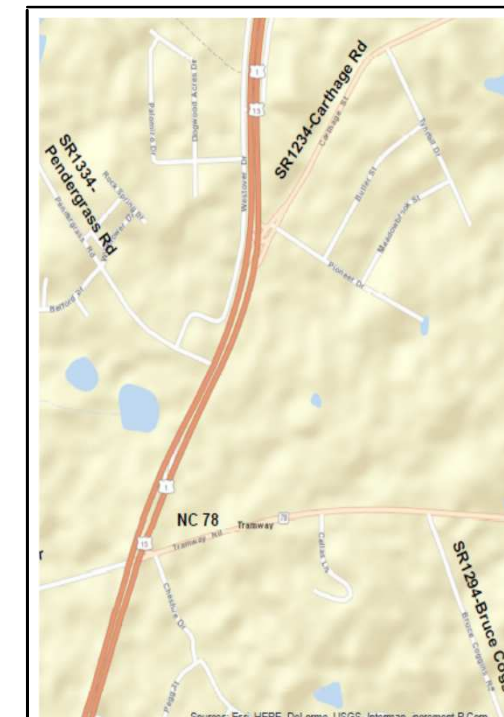


US 1-15-501 (Old Jefferson Davis Hwy)



US 1-15-501 (Old Jefferson Davis Hwy)

SHEET 2 OF 4



2016 Base Year Build LEGEND

- ###** No. of Vehicles Per Day (VPD) in 100s
- 1-** Less than 50 VPD
- X** Movement Prohibited
- Roadway
- K** Design Hour Factor (%)
- PM** PM Peak Period
- D** Peak Hour Directional Split
- Indicates Direction of D
- (d,t)** Duals, TT-STs (%)

TIP: U-5727 **WBS:** 54018.1.FR1

COUNTY: Lee **DIVISION:** 8

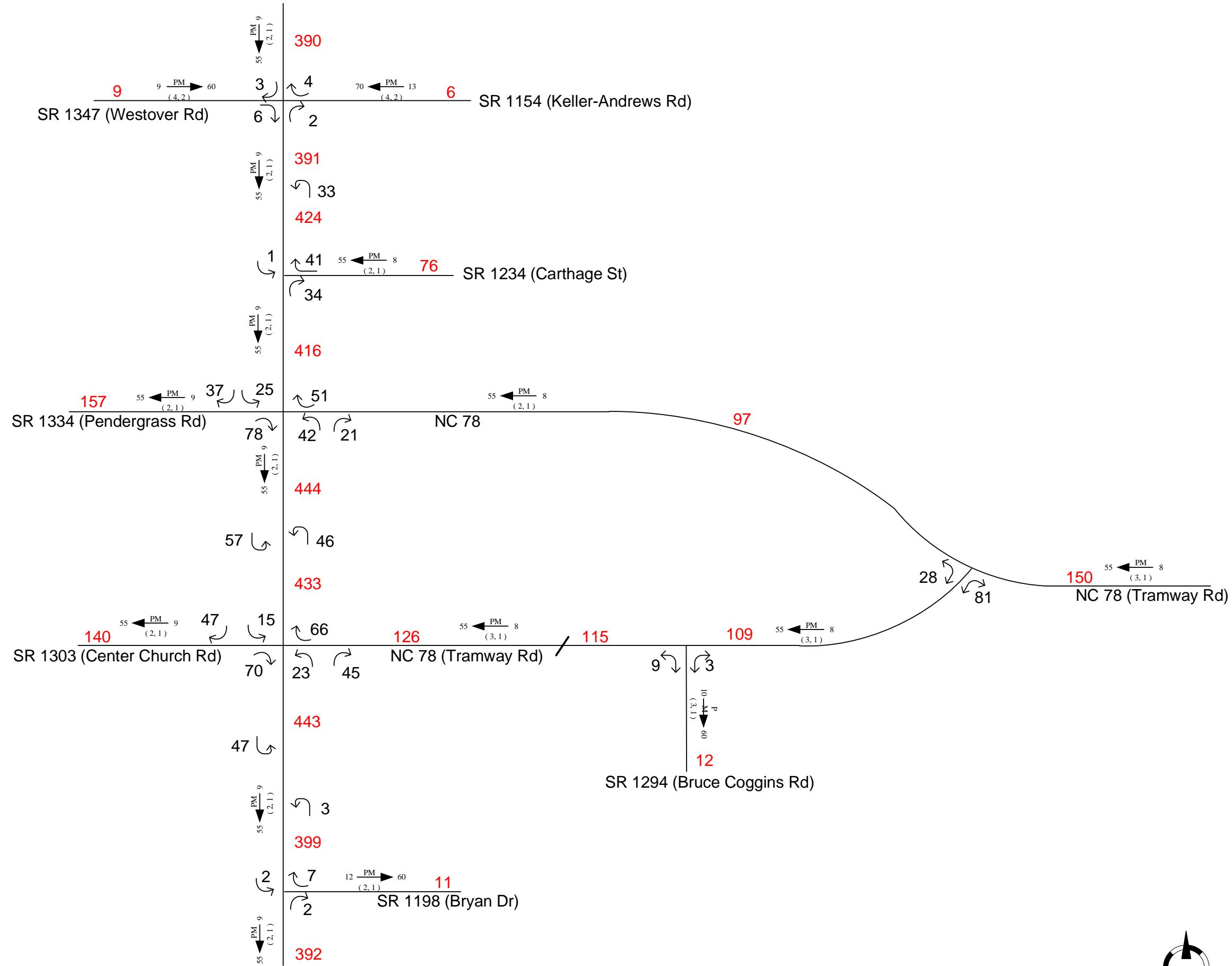
DATE: 11-9-2018

PREPARED BY: Chris McKoy

LOCATION: S of NC 78 to SR 1334 (Pendergrass Rd)

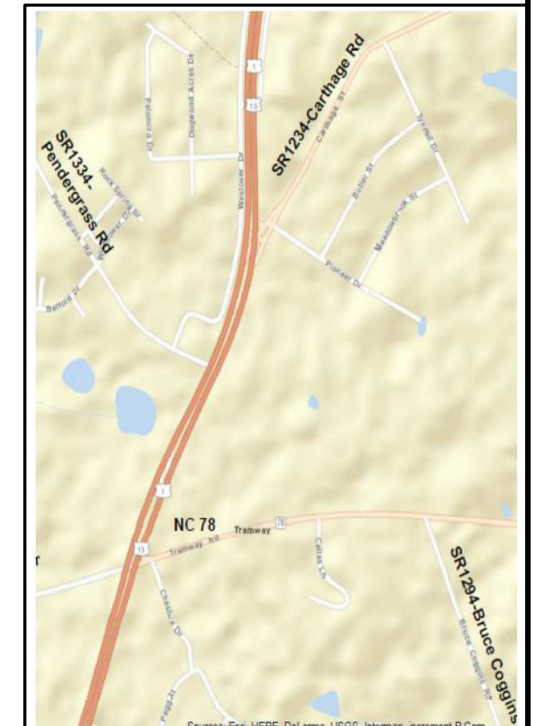
PROJECT: New interchange and relocate NC 78

US 1-15-501 (Old Jefferson Davis Hwy)



US 1-15-501 (Old Jefferson Davis Hwy)

SHEET 4 OF 4



2040 Future Year Build LEGEND

- ###** No. of Vehicles Per Day (VPD) in 100s
- 1-** Less than 50 VPD
- X** Movement Prohibited
- Roadway
- K** Design Hour Factor (%)
- PM** PM Peak Period
- D** Peak Hour Directional Split
- Indicates Direction of D
- (d,t)** Duals, TT-STs (%)

TIP: U-5727 **WBS:** 54018.1.FR1

COUNTY: Lee **DIVISION:** 8

DATE: 11-9-2018

PREPARED BY: Chris McKoy

LOCATION: S of NC 78 to SR 1334 (Pendergrass Rd)

PROJECT: New interchange and relocate NC 78