

# PROPOSED DESIGN CRITERIA

STATE PROJECT:

F. A. PROJECT:

COUNTY:

PROJECT DESCRIPTION:

FORSYTH

DIVISION:

9

NC 66 (OLD HOLLOW ROAD) FROM HARLEY DRIVE TO US 158

TIP:

PAGE: 1 of \_\_

DATE: 10/24/17

PREPARED BY:

R.PATEL

| ROUTE                         | NC 66                 |  |  | REFERENCE             |
|-------------------------------|-----------------------|--|--|-----------------------|
| LINE                          | -L-                   |  |  | OR REMARKS            |
| <b>TRAFFIC DATA</b>           |                       |  |  |                       |
| ADT LET YR = 2020             | 22450                 |  |  |                       |
| ADT DESIGN YR = 2040          | 24200                 |  |  |                       |
| TTST                          | 1%                    |  |  |                       |
| DUALS                         | 3%                    |  |  |                       |
| DHV                           | 8%                    |  |  |                       |
| DIR                           | 55%                   |  |  |                       |
| <b>CLASSIFICATION</b>         | <b>MINOR ARTERIAL</b> |  |  | <b>FUNC CLASS MAP</b> |
| TERRAIN TYPE                  | Rolling               |  |  |                       |
| DESIGN SPEED km/hr or mph     | 50 MPH                |  |  |                       |
| POSTED SPEED km/hr or mph     | 45 MPH                |  |  |                       |
| PROP. R/W WIDTH m or ft       | Var.                  |  |  |                       |
| CONTROL OF ACCESS             | N                     |  |  |                       |
| RUMBLE STRIPS (Y/N)           | N                     |  |  |                       |
| TYPICAL SECTION TYPE          | C&G                   |  |  |                       |
| LANE WIDTH m or ft            | 12'                   |  |  |                       |
| SIDEWALKS (Y/N)               | Y                     |  |  |                       |
| BICYCLE LANES (Y/N)           | Y                     |  |  |                       |
| MEDIAN WIDTH m or ft          | 23'                   |  |  |                       |
| MED. PROTECT. (GR/BARRIER)    | N                     |  |  |                       |
| <b>SHOULDER WIDTH (total)</b> |                       |  |  |                       |
| MEDIAN m or ft                | N/A                   |  |  |                       |
| OUTSIDE w/o GR m or ft        | N/A                   |  |  |                       |
| OUTSIDE w/ GR m or ft         | N/A                   |  |  |                       |
| <b>PAVED SHOULDER</b>         |                       |  |  |                       |
| OUTSIDE TOTAL/FDPS m or ft    | N/A                   |  |  |                       |
| MEDIAN TOTAL/FDPS m or ft     | N/A                   |  |  |                       |
| <b>GRADE</b>                  |                       |  |  |                       |
| MAX.                          | 7%                    |  |  | AASHTO Tbl.7-4        |
| MIN.                          | 0.3%                  |  |  |                       |
| <b>K VALUE</b>                |                       |  |  |                       |
| SAG                           | 96                    |  |  | AASHTO Tbl.3-36       |
| CREST                         | 84                    |  |  | AASHTO Tbl.3-34       |
| <b>HORIZ. ALIGN.</b>          |                       |  |  |                       |
| MAX. SUPER.                   | 4%                    |  |  | RDM-I:1-15            |
| MIN. RADIUS m or ft           | 926'                  |  |  |                       |
| SPIRAL (Y/N)                  | N                     |  |  | AASHTO Tbl.3-8        |
| <b>CROSS SLOPES</b>           |                       |  |  |                       |
| PAVEMENT                      | 2%                    |  |  |                       |
| PAVED SHOULDER                | N/A                   |  |  |                       |
| TURF SHOULDER                 | N/A                   |  |  |                       |
| MEDIAN DITCH                  | N/A                   |  |  |                       |
| DITCH TYPICAL (A,B,C)         | N/A                   |  |  | Y1-2A, F-1            |
| CLEAR ZONE m or ft            | 15'                   |  |  |                       |
| TYPICAL SECTION NO.           | 1-3                   |  |  |                       |

NOTES: