



NORTH CAROLINA

Department of Transportation



U-6090 – Matthews Weddington Rd and Tilley Morris Rd

Town of Weddington

May 14, 2018

Scope and Schedule

- Scope – Roundabout
 - Single Lane
 - 4 Leg
- 25% Plans Currently Under Review
- ROW – Summer 2018
- Construction – Summer 2019

Matthews Weddington Rd and Cari Ln

- Intersection about 300' from center of proposed roundabout
- Currently design does not modify this intersection
- Adding as 5th leg to roundabout not a viable option
 - No analysis has been done with this being a 5 leg roundabout
 - Future development will require turn lanes to be added
 - Turn lanes at a 5 leg roundabout create constructability issues
 - Turn lanes at a 5 leg roundabout create operational issues
 - A 5 leg roundabout would need to be much larger than currently planned

Matthews Weddington Rd and Cari Ln

- Viable options for intersection
 - Leave as is – full movement with no turn lanes
 - Modify to right in/right out - \$40,000 (construction cost only)
 - Modify to left in/right in/right out - \$225,000 (construction cost only)
 - Leave full movement but add left turn lane - \$175,000 (construction cost only)
- Local traffic does have alternate access into and out of neighborhood via Amanda Dr

Matthews Weddington Rd and Cari Ln

Right In/Right Out



Left In/Right In/Right Out



Full Movement



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Questions/Discussion