



INSTALLATION NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Install coaxial cable in a new rigid galvanized steel riser with a 2" riser with weatherhead and route the coaxial cable to the antenna.
3. Install wireless antenna on pole with RF warning sign. (Note: RF warning sign not required when antenna is installed on an NCDOT-owned pole.)
4. Maintain proper clearance from all utilities per the National Electric Safety Code.
5. Install wireless ethernet radio modem with exterior disconnect switch located on cabinet. (Note: RF antenna disconnect switch and decal are not required when the antenna is installed on an NCDOT-owned pole.)

LEGEND

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|--|--|----|--|
| | YAGI ANTENNA (DOUBLE) FOR REPEATER OPERATION | | NEW WOOD POLE |
| | YAGI ANTENNA (SINGLE) | | EXISTING WOOD POLE |
| | OMNI ANTENNA | SP | SIGNAL POLE |
| | NEW CONDUIT | | NEW STANDARD GUY ASSEMBLY |
| | EXISTING CONDUIT | | NEW STANDARD GUY USING EXISTING ANCHOR |
| | NEW OVERSIZED JUNCTION BOX | | NEW SIDEWALK GUY ASSEMBLY |
| | EXISTING OVERSIZED JUNCTION BOX | | EXISTING CONTROLLER AND CABINET |
| | NEW JUNCTION BOX | | EXISTING MASTER CONTROLLER AND CABINET |
| | EXISTING JUNCTION BOX | | SIGNAL INVENTORY NUMBER |

System 1

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

PLANS PREPARED BY:

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Prepared for the Offices of:

 750 N. Greenfield Pkwy., Garner, NC 27529
 SCALE

 0 40
 1" = 40'

Wireless Communications Plan (Indian Trail - CLS #1 & #2) along US 74 (Independence Blvd/ Andrew Jackson Highway)	
Division 10	Union County
Indian Trail	
PLAN DATE: June 2015	REVIEWED BY: LM Moon
PREPARED BY: K Smith	REVIEWED BY: JE Beck
REVISIONS	INIT. DATE

SEAL

 Lisa M. Moon 1/20/2017
 DATE
 CADD File name:

BREAKLINE SEE SHEET SCP-3