



**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**

- |  |  |  |  |
|--|--|--|--|
|  | YAGI ANTENNA (DOUBLE) FOR REPEATER OPERATION |  | NEW WOOD POLE                          |
|  | YAGI ANTENNA (SINGLE)                        |  | EXISTING WOOD POLE                     |
|  | OMNI ANTENNA                                 |  | 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 2

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

PLANS PREPARED BY:

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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 1/25/2017  
DATE

CADD File name: