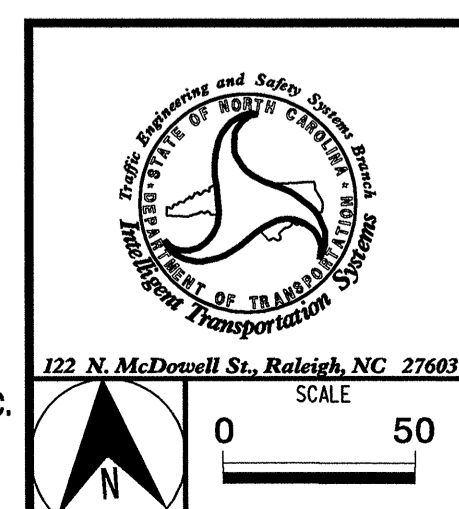


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|---|---|--|---|
| <ul style="list-style-type: none"> <li>17 INSTALL CABLE(S) IN EXISTING CONDUIT</li> <li>18 INSTALL CABLE(S) IN NEW CONDUIT</li> <li>19 INSTALL CABLE(S) IN EXISTING RISER</li> <li>20 INSTALL CABLE(S) IN NEW RISER</li> <li>21 INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS</li> <li>22 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)</li> <li>23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)</li> <li>24 INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET</li> <li>25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET</li> <li>26 TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET</li> <li>27 INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET</li> <li>28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET</li> <li>29 INSTALL UNDERGROUND SPICE ENCLOSURE</li> <li>30 INSTALL AERIAL SPICE ENCLOSURE</li> <li>31 INSTALL POLE MOUNTED SPICE CABINET</li> <li>32 INSTALL BASE MOUNTED SPICE CABINET</li> <li>33 REMOVE EXISTING SPICE CABINET</li> </ul> | <ul style="list-style-type: none"> <li>34 INSTALL CABINET FOUNDATION</li> <li>35 REMOVE EXISTING CABINET FOUNDATION</li> <li>36 INSTALL CCTV CAMERA ASSEMBLY</li> <li>37 INSTALL CCTV CAMERA WOOD POLE</li> <li>38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION</li> <li>39 INSTALL JUNCTION BOX</li> <li>40 INSTALL OVERSIZED JUNCTION BOX</li> <li>41 REMOVE EXISTING JUNCTION BOX</li> <li>42 INSTALL WOOD POLE</li> <li>43 REMOVE EXISTING WOOD POLE</li> <li>44 INSTALL AERIAL GUY ASSEMBLY</li> <li>45 INSTALL STANDARD GUY ASSEMBLY</li> <li>46 INSTALL SIDEWALK GUY ASSEMBLY</li> <li>47 INSTALL MESSENGER CABLE</li> <li>48 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE</li> <li>49 REMOVE EXISTING COMMUNICATIONS CABLE</li> <li>50 INSTALL TELEPHONE SERVICE</li> <li>51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE</li> </ul> | <ul style="list-style-type: none"> <li>52A INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE</li> <li>52 INSTALL FIBER OPTIC DELINEATOR MARKER</li> <li>53 STORE 20 FEET OF COMMUNICATIONS CABLE</li> <li>54 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE</li> <li>55 LASH CABLE(S) TO EXISTING MESSENGER CABLE</li> <li>56 LASH CABLE(S) TO NEW MESSENGER CABLE</li> <li>57 MODIFY EXISTING ELECTRICAL SERVICE</li> <li>58 INSTALL NEW ELECTRICAL SERVICE</li> <li>59 INSTALL VIDEO OPTIC TRANSMITTER WITH DATA</li> <li>60 INSTALL FIBER OPTIC TRANSCIVER</li> <li>61 REMOVE EXISTING CONTROLLER AND CABINET</li> <li>62 INSTALL NEW CONTROLLER</li> <li>63 INSTALL SPECIAL JUNCTION BOX</li> <li>64 INSTALL SYSTEM LOOP</li> <li>65 INSTALL SYSTEM LOOP AMPLIFIER</li> <li>66 INSTALL SYSTEM LOOP LEAD-IN CABLE</li> <li>67 MODIFY EXISTING CABINET FOUNDATION</li> </ul> | <ul style="list-style-type: none"> <li>68 INSTALL UNI-DIRECTIONAL YAGI ANTENNA</li> <li>69 INSTALL OMNI-DIRECTIONAL ANTENNA</li> <li>70 INSTALL RADIO TRANSCIVER</li> <li>71 REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING</li> <li>72 INSTALL NEW 332 BASE MOUNTED CABINET</li> <li>73 INSTALL NEW 336S POLE MOUNTED CABINET</li> <li>74 INSTALL TERMINAL SPICE BOX</li> <li>75 INSTALL GASTONIA ELECTRIC AERIAL SPICE ENCLOSURE</li> <li>76 INSTALL GASTONIA ELECTRIC UNDERGROUND SPICE ENCLOSURE</li> </ul> |
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ALL NCDOT ATTACHMENT POINTS ARE 40" BELOW POWER, FRONT SIDE OF POLE, UNLESS OTHERWISE NOTED.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000



**CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE CABLE ROUTING PLANS**

DIVISION 12 GASTON COUNTY

PLAN DATE: MAY 26, 2005	REVIEWED BY: I.Z. VANOSDELL
PREPARED BY: J.C. CROSS	REVIEWED BY: M.W. DUNZO

REVISIONS	INIT.	DATE

SEAL

**MARK DUNZO**  
 ENGINEER  
 NORTH CAROLINA PROFESSIONAL SEAL 023562

SIGNATURE DATE 5/27/05

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