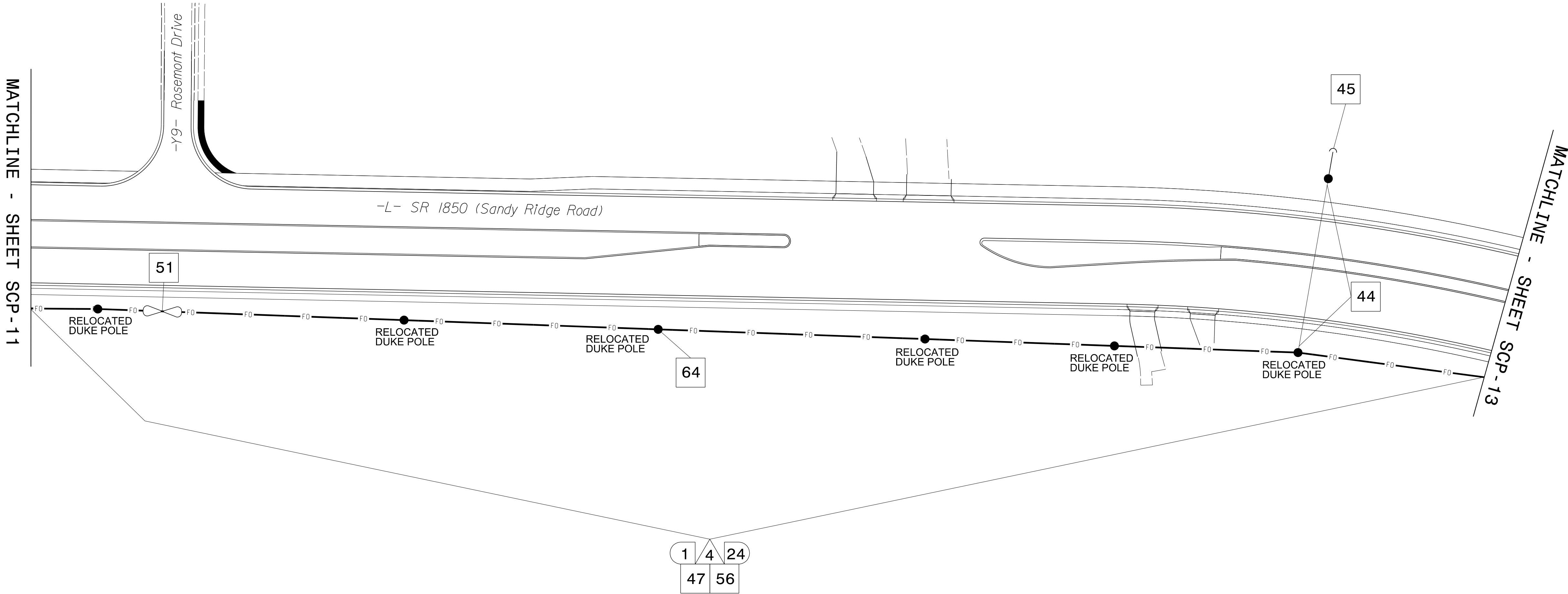


PROJECT REFERENCE NO.	SHEET NO.
U-4758	SCP-12

NOTES:

1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM
CONTACT CITY OF HIGH POINT TRAFFIC DEPARTMENT AT (336) 345-4616
TO ARRANGE FOR THE CITY TO PROGRAM THE FIELD ETHERNET SWITCHES
WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT
NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK
AND VLAN ID INFORMATION. NOTIFY THE CITY TRAFFIC DEPARTMENT AFTER
ALL WORK IS PERFORMED TO ENSURE THAT THE FIBER CIRCUITS ARE
FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SYSTEM IS
UP AND OPERATIONAL ON THE CENTRAL NETWORK.
2. ATTACH NEW FIBER OPTIC CABLE LASHED TO NEW MESSENGER CABLE 40"
BELOW POWER, FRONT SIDE (FS) OF POLE, UNLESS OTHERWISE NOTED.
3. SEAL ALL CONDUIT ENDS WITH MOLDABLE DUCT SEALANT AT ALL JUNCTION
BOX / CABINET ENTRANCES.



<div>1</div> INSTALL COAX CABLE	<div>11</div> INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD	<div>22</div> INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	<div>32</div> INSTALL POLE MOUNTED SPLICE CABINET	<div>42</div> INSTALL WOOD POLE	<div>52B</div> INSTALL JUNCTION BOX MARKER	<div>63</div> BOND RISER TO POLE GROUND
<div>2</div> INSTALL ETHERNET CABLE	<div>12</div> INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL	<div>23</div> INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	<div>33</div> INSTALL BASE MOUNTED SPLICE CABINET	<div>43</div> REMOVE EXISTING WOOD POLE	<div>53A</div> STORE 20 FEET OF COMMUNICATIONS CABLE	<div>64</div> BOND MESSENGER CABLE TO POLE GROUND
<div>3</div> EXISTING ETHERNET (OR COAX) CABLE	<div>13</div> INSTALL OUTER-DUCT POLYETHYLENE CONDUIT	<div>24</div> INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	<div>34</div> INSTALL CABINET FOUNDATION	<div>44</div> INSTALL AERIAL GUY ASSEMBLY	<div>53B</div> STORE 50 FEET OF EACH COMMUNICATIONS CABLE	<div>65</div> INSTALL HEAT SHRINK TUBING RETROFIT KIT
<div>4</div> INSTALL SMFO CABLE	<div>14</div> INSTALL POLYETHYLENE CONDUIT	<div>25</div> INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	<div>35</div> INSTALL CCTV CAMERA POLE MOUNTED CABINET	<div>45</div> INSTALL STANDARD GUY ASSEMBLY	<div>54</div> LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE	<div>66</div> INSTALL MOLDABLE DUCT SEAL
<div>5</div> EXISTING SMFO CABLE	<div>15</div> DIRECTIONAL DRILL CONDUIT	<div>26</div> INSTALL NEW ETHERNET EDGE SWITCH	<div>36</div> INSTALL CCTV CAMERA ASSEMBLY	<div>46</div> INSTALL SIDEWALK GUY ASSEMBLY	<div>55</div> LASH CABLE(S) TO EXISTING MESSENGER CABLE	<div>67</div> SLACK SPAN
<div>6</div> INSTALL FIBER OPTIC DROP CABLE	<div>16</div> BORE AND JACK CONDUIT	<div>27</div> INSTALL NEW FIBER OPTIC TRANSCEIVER	<div>37</div> INSTALL CCTV CAMERA WOOD POLE	<div>47</div> INSTALL MESSENGER CABLE	<div>56</div> LASH CABLE(S) TO NEW MESSENGER CABLE	
<div>7</div> INSTALL TRACER WIRE	<div>17</div> INSTALL CABLE(S) IN EXISTING CONDUIT	<div>28</div> INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	<div>38</div> INSTALL CCTV CAMERA METAL POLE AND FOUNDATION	<div>48A</div> REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE	<div>57</div> MODIFY EXISTING ELECTRICAL SERVICE	
<div>8</div> TRENCH	<div>18</div> INSTALL CABLE(S) IN NEW CONDUIT	<div>29</div> INSTALL UNDERGROUND SPLICE ENCLOSURE	<div>39</div> INSTALL JUNCTION BOX	<div>48B</div> REMOVE EXISTING COMMUNICATIONS CABLE	<div>58</div> INSTALL NEW ELECTRICAL SERVICE	
<div>9</div> INSTALL PVC CONDUIT	<div>19</div> INSTALL CABLE(S) IN EXISTING RISER	<div>30</div> INSTALL AERIAL SPLICE ENCLOSURE	<div>40A</div> INSTALL OVERSIZED JUNCTION BOX	<div>49</div> BACK PULL EXISTING COMMUNICATIONS CABLE	<div>59</div> INSTALL NEW EQUIPMENT CABINET DISCONNECT	
<div>10</div> INSTALL RIGID, GALVANIZED STEEL CONDUIT	<div>20</div> INSTALL CABLE(S) IN NEW RISER	<div>31</div> MODIFY EXISTING INTERCONNECT CENTER /SPLICE ENCLOSURE	<div>40B</div> INSTALL SPECIAL OVERSIZED JUNCTION BOX (36" x 24" x 24")	<div>50</div> INSTALL CELL MODEM AND ANTENNA	<div>60</div> BOND TRACER WIRE TO EQUIPMENT GROUND BUS	
	<div>21</div> INSTALL CABLE(S) IN EXISTING CONDUIT STUB-OUTS		<div>41</div> REMOVE EXISTING JUNCTION BOX	<div>51</div> INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE	<div>61</div> DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS	
				<div>52A</div> INSTALL DELINEATOR MARKER	<div>62</div> BOND RISER AND MESSENGER CABLE TO POLE GROUND	

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEES #F-0326

TMP PHASE IV - Final Design

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:

750 Greenfield Parkway, Garner, NC 27529

SCALE
NTS

High Point Signal System
SR 1818 (Johnson Street)/
SR 1850 (Sandy Ridge Road)
Cable Routing Plans

Division 7 Guilford County High Point

PLAN DATE: February 2025 REVIEWED BY: AM Encarnacion

PREPARED BY: JT Stiff REVIEWED BY: PL Alexander

REVISIONS INIT. DATE

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
JAMES T. STIFF
056276

Signed by:
05648037072M434 3/14/2025
DATE

CADD File name: U4758_SCP-12.dgn