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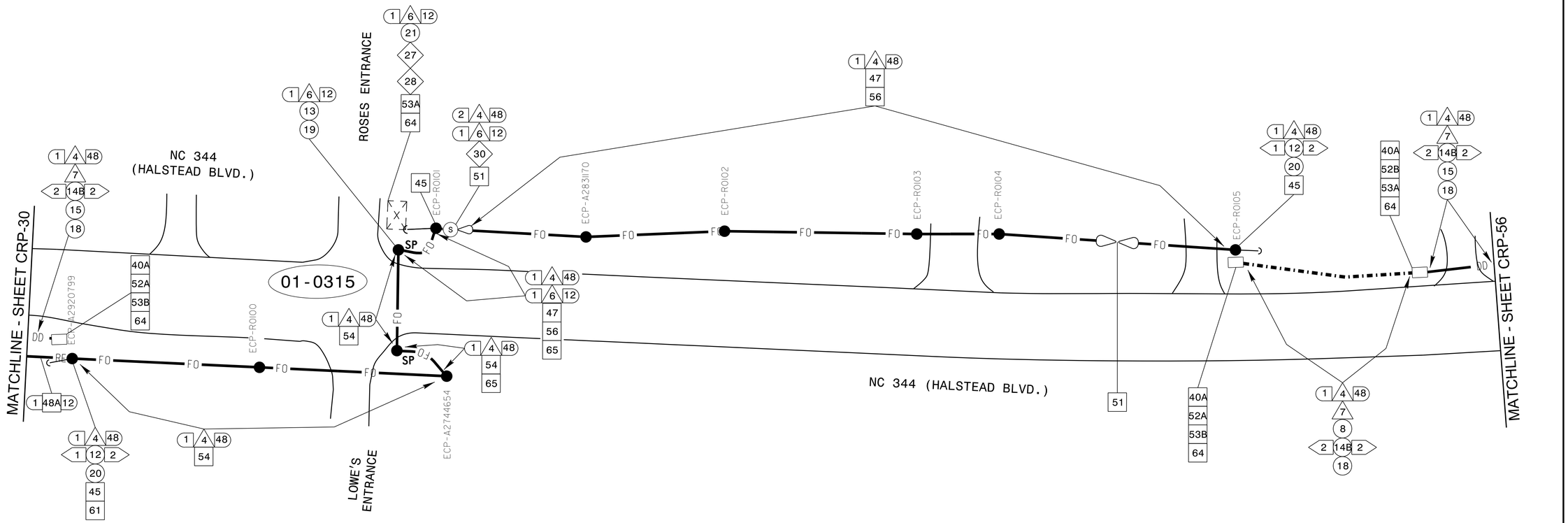
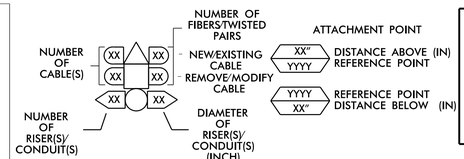
PROJECT REFERENCE NO.	SHEET NO.
U-5942	CRP-055



NOTES:
1. UNLESS OTHERWISE NOTED:
   –OVERLASH NEW FIBER OPTIC CABLE TO EXISTING COMMUNICATIONS CABLE.
   –ATTACH NEW MESSENGER CABLE 40" BELOW POWER
   –ATTACH ON FRONT SIDE (FS) OF POLE
2. SEAL ALL CONDUIT ENDS WITH DUCT AND CONDUIT SEALER, AT ALL JUNCTION BOX/CABINET ENTRANCES.
3. ALTERNATE CONSTRUCTION METHODS MAY BE USED FOR INSTALLING CONDUIT WITH ENGINEER'S APPROVAL. CONDUIT WILL BE PAID FOR UNDER INSTALLATION METHODS SHOWN ON THESE PLANS.

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



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Prepared for the Offices of:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy. , Garner, NC 27529

Elizabeth City Signal System Cable Routing Plans

Division 1 Pasquotank County Elizabeth City

PLAN DATE:	August 2018	REVIEWED BY:	B. HOLDEN
PREPARED BY:	A. TUTT	REVIEWED BY:	

REVISIONS	INIT.	DATE

SCALE 0 50 1" = 50'

SEAL NORTH CAROLINA PROFESSIONAL SEAL 033753 ENGINEER C. BYRON HOLDEN

DocuSigned by: C. Byron Holden 8/23/2018
SIGNATURE DATE

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