

- 1 INSTALL SMFO CABLE
- 2 INSTALL FIBER OPTIC DROP CABLE
- 3 INSTALL TRACER WIRE
- 4 REUSE EXISTING SMFO CABLE
- 5 INSTALL PLENUM RATED SMFO CABLE
- 6 INSTALL LOOP LEAD-IN CABLE
- 7 INSTALL ETHERNET CABLE BETWEEN ETHERNET SWITCH AND CONTROLLER
- 1 INSTALL PVC CONDUIT
- 2 INSTALL POLYETHYLENE CONDUIT
- 3 INSTALL RIGID, GALVANIZED STEEL CONDUIT
- 4 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
- 5 INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING
- 6 TRENCH CONDUIT
- 7 DIRECTIONAL DRILL CONDUIT
- 8 BORE AND JACK CONDUIT
- 9 INSTALL CABLE(S) IN EXISTING CONDUIT
- 10 INSTALL CABLE(S) IN NEW CONDUIT
- 11 INSTALL CABLE(S) IN EXISTING RISER
- 12 INSTALL CABLE(S) IN NEW RISER
- 13 INSTALL NEW CABLE(S) IN EXISTING CONDUIT STUBOUTS
- 14 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUBOUTS WHERE AVAILABLE)
- 15 INSTALL NEW RISER INTO POLE MOUNTED CABINET
- 16 REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
- 17 INSTALL RIGID METAL CONDUIT INTO POLE MOUNTED CABINET
- 1 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET
- 2 INSTALL UNDERGROUND SPLICE ENCLOSURE
- 3 INSTALL AERIAL SPLICE ENCLOSURE
- 4 MODIFY EXISTING SPLICE ENCLOSURE OR INTERCONNECT CENTER
- 5 INSTALL TERMINAL SPLICE BOX
- 1 INSTALL CABINET FOUNDATION
- 2 REMOVE EXISTING CABINET FOUNDATION
- 3 MODIFY EXISTING CABINET FOUNDATION
- 4 REMOVE EXISTING CONTROLLER AND CABINET
- 5 INSTALL NEW CONTROLLER
- 6 INSTALL NEW 332 BASE MOUNTED CABINET
- 7 INSTALL NEW 336S BASE MOUNTED CABINET
- 8 INSTALL NEW 336S POLE MOUNTED CABINET
- 9 INSTALL BASE ADAPTER
- 10 INSTALL PRE-FORMED CABINET FOUNDATION PAD
- 11 INSTALL STANDARD JUNCTION BOX

- 12 INSTALL OVERSIZED HEAVY-DUTY JUNCTION BOX
- 13 INSTALL SPECIAL OVERSIZED HEAVY-DUTY JUNCTION BOX
- 14 INSTALL WOOD POLE
- 15 REMOVE EXISTING WOOD POLE
- 16 INSTALL AERIAL GUY ASSEMBLY
- 17 INSTALL STANDARD GUY ASSEMBLY
- 18 INSTALL SIDEWALK GUY ASSEMBLY
- 19 INSTALL MESSENGER CABLE
- 20 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
- 21 REMOVE EXISTING COMMUNICATIONS CABLE
- 22 LASH CABLE(S) TO EXISTING SIGNAL/ COMMUNICATIONS CABLE
- 23 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 24 LASH CABLE(S) TO NEW MESSENGER CABLE
- 25 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF EACH CABLE
- 26 STORE 30 FEET OF EACH COMMUNICATIONS CABLE
- 27 STORE 100 FEET OF EACH COMMUNICATIONS CABLE
- 28 INSTALL FIBER OPTIC DELINEATOR MARKER
- 29 BOND MESSENGER CABLE TO POLE GROUND
- 30 MODIFY EXISTING ELECTRICAL SERVICE
- 31 INSTALL NEW ELECTRICAL SERVICE
- 32 INSTALL FEEDER CIRCUITRY
- 33 INSTALL GENERATOR ANCHOR IN FOUNDATION
- 34 RECONNECT EMERGENCY VEHICLE PREEMPTION EQUIPMENT
- 35 RECONNECT GENERATOR POWER INLET BOX
- 36 INSTALL HD CCTV CAMERA ASSEMBLY
- 37 INSTALL SMALL DMS ASSEMBLY
- 38 INSTALL LARGE DMS ASSEMBLY
- 39 INSTALL PEDESTAL STRUCTURE FOR SMALL DMS
- 40 INSTALL PEDESTAL STRUCTURE FOR LARGE DMS
- 41 INSTALL ETHERNET SWITCH
- 42 INSTALL VIDEO CODEC UNIT
- 43 REMOVE EXISTING FIBER OPTIC TRANSCEIVER
- 44 INSTALL CELLULAR MODEM
- 45 INSTALL FIBER OPTIC TRANSCEIVER (CONTACT CLOSURE)
- 46 INSTALL 2.4/5.8 GHz RADIO TRANSCEIVER
- 47 INSTALL PANEL ANTENNA
- 48 INSTALL OMNI-DIRECTIONAL ANTENNA
- 49 REMOVE EXISTING WIRELESS HARDWARE
- 50 INSTALL NEW EMERGENCY VEHICLE PREEMPTION EQUIPMENT

- 51 INSTALL POE DRIVER FOR HD CCTV CAMERA
- 52 INSTALL HD CCTV POE ETHERNET CABLE
- 53 INSTALL ANTENNA CABLE
- 54 INSTALL DMS CONTROLLER
- 55 INSTALL SOLAR POWER ASSEMBLY
- 56 BOND RISER TO POLE GROUND
- 57 BOND TRACER WIRE TO EQUIPMENT GROUND BUS

LEGEND

	NEW FIBER OPTIC COMMUNICATIONS CABLE
	EXISTING COMMUNICATIONS CABLE
	NEW AERIAL GUY ASSEMBLY
	NEW CONDUIT
	EXISTING CONDUIT
	NEW DIRECTIONAL DRILLED CONDUIT
	NEW BORED AND JACKED CONDUIT
	EXISTING GUARDRAIL
	NEW GUARDRAIL
	NEW JUNCTION BOX
	EXISTING JUNCTION BOX
	NEW WOOD POLE
	EXISTING WOOD POLE
	NEW SPLICE ENCLOSURE
	EXISTING AERIAL SPLICE ENCLOSURE AND DROP CABLE
	NEW METAL POLE
	EXISTING METAL POLE
	EXISTING MAST ARM METAL POLE
	NEW CCTV CAMERA ASSEMBLY
	EXISTING CCTV CAMERA ASSEMBLY
	NEW DYNAMIC MESSAGE SIGN (DMS)
	NEW STANDARD GUY ASSEMBLY
	NEW SIDEWALK GUY ASSEMBLY
	NEW CABLE STORAGE RACKS (SNOW SHOES)
	NEW WIRELESS ANTENNA AND TRANSCEIVER
	NEW BASE MOUNTED EQUIPMENT CABINET
	EXISTING BASE MOUNTED EQUIPMENT CABINET
	NEW POLE MOUNTED EQUIPMENT CABINET
	EXISTING/RELOCATED POLE MOUNTED EQUIPMENT CABINET
	NEW SYSTEM DETECTOR
	EXISTING SYSTEM DETECTOR
	SIGNAL INVENTORY NUMBER

CONSTRUCTION NOTE SYMBOLOGY KEY

	INDICATES NUMBER OF CABLES, LOOPS, ETC.
	INDICATES NUMBER OF FIBERS PER CABLE, TWISTED PAIRS PER CABLE, ETC.
	INDICATES NUMBER OF RISER(S)/CONDUIT(S)
	INDICATES DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

NUMBER OF CABLE(S)

NUMBER OF FIBERS/TWISTED PAIRS

NUMBER OF RISER(S)/CONDUIT(S)

DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	CONSTRUCTION NOTES		
	DIVISION 03 ONSLOW CO. JACKSONVILLE		
Prepared in the Offices of: 750 N. Greenfield Pkwy., Garner, NC 27529		PLAN DATE: SEPTEMBER, 2016 PREPARED BY: I. N. AVERY REVISIONS: _____	REVIEWED BY: G. A. FULLER INIT. DATE
SCALE: 0 _____		DocuSigned by: Gregory A. Fuller 9/21/2016 CADD Filename: _____	