

- 1 INSTALL RS-485 CABLE
- 2 INSTALL SIZE 350 MCM 4-WIRE COPPER FEEDER CONDUCTORS
- 3 INSTALL 3-WIRE COPPER FEEDER CONDUCTORS
- 4 INSTALL SMFO CABLE
- 5 INSTALL MMFO CABLE
- 6 INSTALL FIBER OPTIC DROP CABLE
- 7 INSTALL TRACER WIRE
- 8 TRENCH
- 9 INSTALL PVC CONDUIT
- 10 INSTALL RIGID, GALVANIZED STEEL CONDUIT
- 11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
- 12 INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL
- 13 INSTALL OUTER-DUCT POLYETHYLENE CONDUIT
- 14 INSTALL POLYETHYLENE CONDUIT
- 15 DIRECTIONAL DRILL CONDUIT
- 16 BORE AND JACK CONDUIT
- 17 INSTALL CABLE(S) IN EXISTING CONDUIT
- 18 INSTALL CABLE(S) IN NEW CONDUIT
- 19 INSTALL CABLE(S) IN EXISTING RISER
- 20 INSTALL CABLE(S) IN NEW RISER
- 21 INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS
- 22 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 24 INSTALL NEW CONDUIT INTO NEW POLE MOUNTED CABINET
- 25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET
- 26 TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET
- 27 INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET
- 28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPlice CABLE IN CABINET OR RACK IN VAULT
- 29 INSTALL UNDERGROUND SPlice ENCLOSURE
- 30 INSTALL AERIAL SPlice ENCLOSURE
- 31 INSTALL POLE MOUNTED SPlice CABINET
- 32 INSTALL BASE MOUNTED SPlice CABINET
- 33 REMOVE EXISTING SPlice CABINET
- 34 INSTALL CABINET FOUNDATION

- 35 REMOVE EXISTING CABINET FOUNDATION
- 36 INSTALL CCTV CAMERA ASSEMBLY
- 37 INSTALL CCTV CAMERA WOOD POLE
- 38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION
- 39 INSTALL JUNCTION BOX WITH 18" REINFORCED CONCRETE COLLAR 4" THICK MIN.
- 40 INSTALL OVERSIZED JUNCTION BOX WITH 18" REINFORCED CONCRETE COLLAR 4" THICK MIN.
- 41 INSTALL OVERSIZED SPlice BOX WITH 18" REINFORCED CONCRETE COLLAR 4" THICK MIN.
- 42 INSTALL WOOD POLE
- 43 REMOVE EXISTING WOOD POLE
- 44 INSTALL AERIAL GUY ASSEMBLY
- 45 INSTALL STANDARD GUY ASSEMBLY
- 46 INSTALL SIDEWALK GUY ASSEMBLY
- 47 INSTALL MESSENGER CABLE
- 48 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
- 49 REMOVE EXISTING COMMUNICATIONS CABLE
- 50 INSTALL TELEPHONE SERVICE
- 51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
- 52 INSTALL DELINEATOR MARKER
- 53 STORE 50 FEET OF EACH COMMUNICATIONS CABLE
- 54 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE
- 55 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 56 LASH CABLE(S) TO NEW MESSENGER CABLE
- 57 MODIFY EXISTING ELECTRICAL SERVICE
- 58 INSTALL NEW ELECTRICAL SERVICE
- 59 INSTALL ETHERNET SWITCH
- 60 INSTALL MVD ASSEMBLY
- 61 INSTALL MVD METAL POLE AND FOUNDATION
- 62 INSTALL EQUIPMENT CABINET
- 63 INSTALL MVD TERMINAL SERVER ASSEMBLY
- 64 REMOVE EXISTING JUNCTION BOXES

CONTRACTOR SHALL INSTALL AND UTILIZE CONDUITS AS SHOWN.

CONDUIT	USE
BLUE	TOLL FOC
WHITE	TOLL SPARE
BLACK	ITS FOC
ORANGE	ITS SPARE

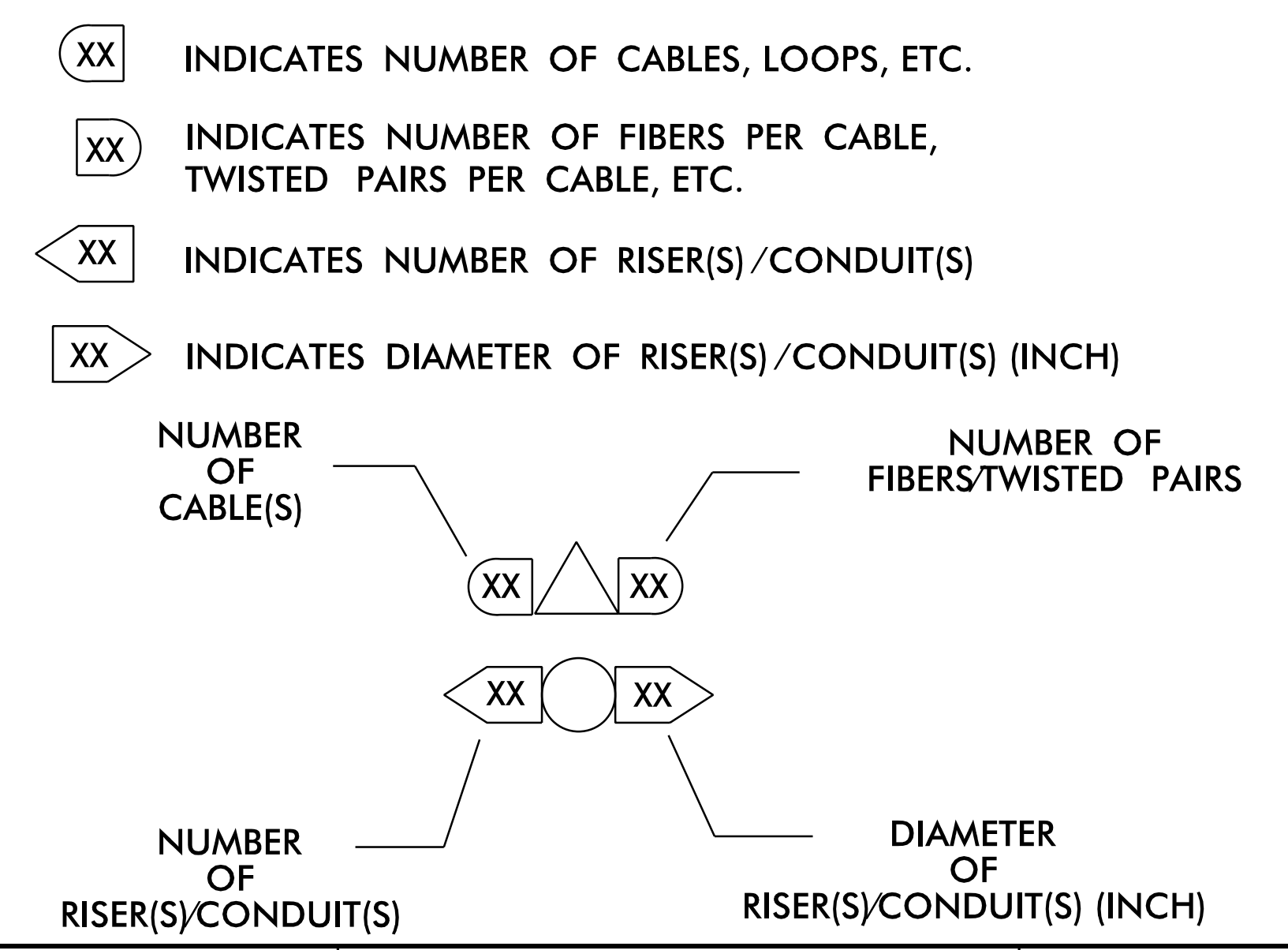
LEGEND

- EXI — EXISTING COMMUNICATIONS CABLE
- REM — EXISTING COMMUNICATIONS CABLE TO BE REMOVED
- NEW CONDUIT
- EXISTING CONDUIT
- DD — NEW DIRECTIONAL DRILLED CONDUIT
- NEW OVERSIZED, HEAVY DUTY JUNCTION BOX WITH 18" REINFORCED CONCRETE APRON 4" THICK MIN.
- ▣ NEW OVERSIZED, HEAVY DUTY SPlice BOX WITH 18" REINFORCED CONCRETE APRON 4" THICK MIN.
- C NEW TOLL SITE COMMUNICATIONS GROUND BOX WITH 18" REINFORCED CONCRETE APRON 4" THICK MIN.
- P NEW TOLL SITE POWER GROUND BOX WITH 18" REINFORCED CONCRETE APRON 4" THICK MIN.
- S NEW TOLL SITE LOOP SPlice BOX WITH 18" REINFORCED CONCRETE APRON 4" THICK MIN.
- EXISTING OVERSIZED, HEAVY DUTY JUNCTION BOX
- NEW SPlice ENCLOSURE
- ⊙ NEW METAL POLE
- ⊠ EXISTING METAL POLE
- ▶ NEW CCTV CAMERA ASSEMBLY
- ▶ EXISTING CCTV CAMERA ASSEMBLY
- (((o))) NEW MICROWAVE DETECTOR (MVD) ASSEMBLY
- (((■))) EXISTING MICROWAVE DETECTOR (MVD) ASSEMBLY
- ⊙ NEW RWIS ASSEMBLY
- ⊙ EXISTING RWIS ASSEMBLY
- ⊠ EXISTING FIELD EQUIPMENT CABINET
- ⊠ NEW FIELD EQUIPMENT CABINET

ABBREVIATIONS

- CCTV CLOSED-CIRCUIT TELEVISION
- ITS INTELLIGENT TRANSPORTATION SYSTEM
- MVD MICROWAVE VEHICLE DETECTION
- AET ALL-ELECTRONIC TOLLING

CONSTRUCTION NOTE SYMBOLOGY KEY



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY :

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Prepared for the Offices of:

MORRISVILLE PARKWAY PLANS NOTES

DIVISION 05 WAKE COUNTY TOWN OF GARY

PLAN DATE: DECEMBER 2017 REVIEWED BY: C.B. HOLDEN

PREPARED BY: D.T. SEARS REVIEWED BY:

REVISIONS INIT. DATE

SCALE: N/A

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 033753 C. BYRON HOLDEN

DocuSigned by: C. Byron Holden 12/10/2017

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