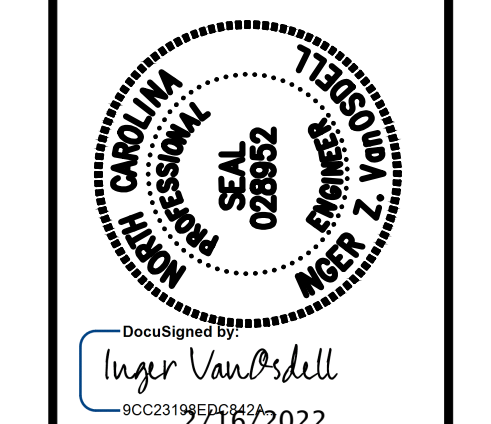


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NO.	DATE	BY	DESCRIPTION

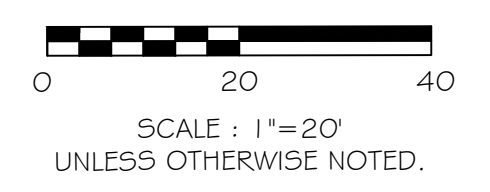


CDOT'S-#/#	JOB NO.	SCALE	1"=20'
MC Burke	PREPARED BY	CAD FILE	IZ VanOrsell
IZ VanOrsell	APPROVED BY	CHECKED BY	09/2021
		DATE	

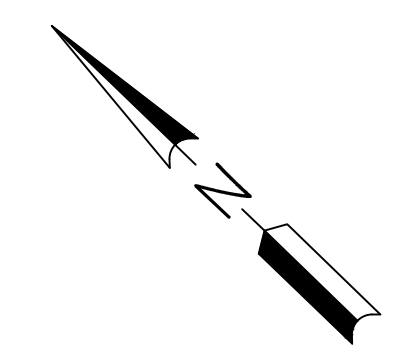
BROOKSHIRE BOULEVARD
CHARLOTTE, NC

CABLE ROUTING
PLANS

SHEET **CR4** OF **CR9**



MATCH LINE SEE SHEET CR5



MT HOLLY-HUNTERSVILLE RD.

BROOKSHIRE BLVD.

BROOKSHIRE BLVD.

BEGIN PROJECT

EXISTING 12 SMFO CABLE IN EXISTING CONDUIT TO REMAIN

EXISTING 72 SMFO CABLE IN EXISTING CONDUIT TO REMAIN

EXISTING HANDHOLE (HH1)
(W) UH
(I) 35'/UO(72)
(I) 72/HO-1
(W) HUU(T(6))
(I) UH-EBM
(I) 63/HO-OTDR
REUSE EXISTING HANDHOLE AND PLACE NEW CONDUIT/CABLE IN EXISTING HANDHOLE
COIL 35' OF PROPOSED 72 SMFO CABLE
INSTALL 72 FIBER OPTIC SPLICING ASSEMBLY UNITS
INSTALL ELECTRONIC BALL MARKER
REUSE UNDERGROUND SPLICE CLOSURE ARRANGEMENT UNIT (SEE SHEET CR3D FOR SPLICE DETAIL)
F/O SPLICE TEST
NOTE:
ALL SPARE FIBERS ARE TO BE BIDIRECTIONAL TESTED BETWEEN EXISTING HH1 AND EXISTING HH6.

EXISTING 12 SMFO CABLE IN EXISTING CONDUIT TO REMAIN

EXISTING UNDERGROUND CONDUIT
(I) 215'/UD-EX
(I) 215'/UO(72)
PROOF EXISTING CONDUIT
INSTALL 72 SMFO CABLE IN SPARE 2" CONDUIT BETWEEN EX. HH1 AND EX. HH2
NOTE: TWO 12 SMFO CABLES TO REMAIN

EXISTING 12 SMFO CABLE IN EXISTING CONDUIT TO REMAIN

EXISTING HANDHOLE (HH2)
(W) UH
(I) 50'/UO(72)
(I) UH-EBM
REUSE EXISTING HANDHOLE AND PLACE NEW CONDUIT/CABLE IN EXISTING HANDHOLE
COIL 50' OF PROPOSED 72 SMFO CABLE
INSTALL ELECTRONIC BALL MARKER

TRENCH
(I) 445'/UD (2-2 LW) TR
(I) 445'/UO(72)
INSTALL TWO 2" CONDUITS BETWEEN EX. HH2 AND HH3
INSTALL 72 SMFO CABLE IN NEW CONDUIT

EXISTING UNDERGROUND CONDUIT TO BE ABANDONED

- NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO CUT EXISTING CONDUITS IN NEW AND EXISTING HANDHOLE FOR 6 INCH STUB UP.
 - ALL UNUSED CONDUITS TO BE CAPPED AND TAPE SEALED. USED CONDUITS TO BE SEALED WITH SEALING COMPOUND (OR DUCT PLUGS).
 - CONDUIT AND FIBER QUANTITIES ARE MEASURED AND LABELED FROM HANDHOLE TO HANDHOLE AND/OR POLE TO POLE AND NOT PER SHEET.
 - CONTRACTOR TO COORDINATE WITH CDOT ENGINEER BEFORE EXISTING FIBER IS CUT TO DETERMINE OUTAGE TIMES.
 - NEW 72 SMFO CABLE IS TO BE INSTALLED OUTSIDE OF CONSTRUCTION ZONE AND SPLICED INTO EXISTING 72 SMFO CABLE AT EX. HH#1(CR3A) AND EX. MH#2(CR3D).
 - EXISTING SMFO CABLE BETWEEN EXISTING HH1 AND EX. MH#2 IS CUT AND REMOVED ONCE NEW CONDUIT AND FIBER HAS BEEN INSTALLED AND APPROVED BY ENGINEER.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED