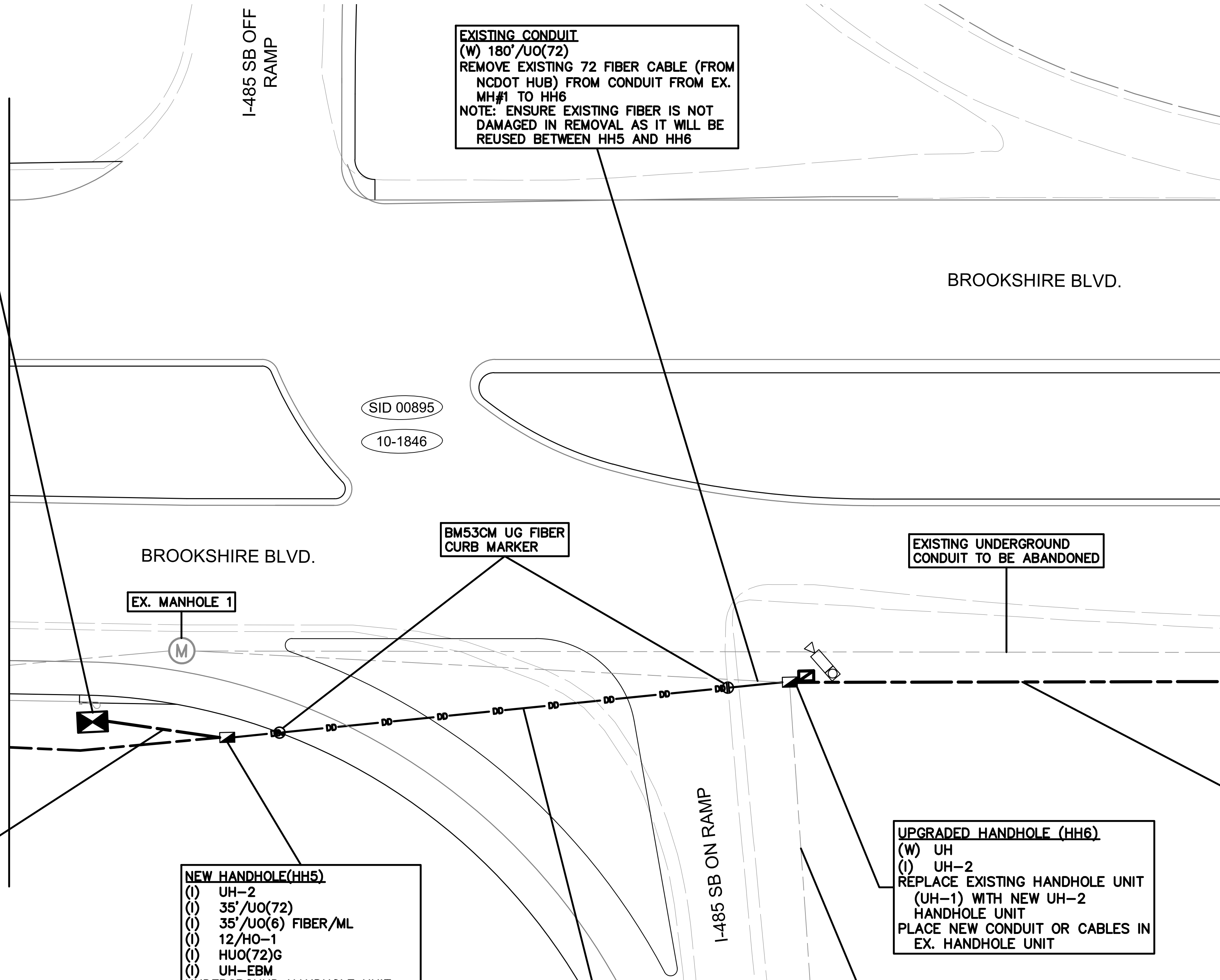


TCB SID 00895(10-1846)
 (W) CC
 (I) 1/UO(6) PATCH PANEL/ML
 (I) 20'/UO(6) FIBER/ML
 (I) 1/FOE(TRX)(ESU)CI(3200)
 (I) 2/FOE(TRX)(ESU)(SFP)(GLX-R)
 (I) 2/CHO-4 (1) ST/LC
 (I) 2/HO-EML
 (I) 2/HO-OTDR
 ACCESS TO THE TRAFFIC SIGNAL CONTROLLER CABINET
 INSTALL ONE 6 FIBER OPTIC PATCH PANEL UNIT
 COIL 20' OF 6 SMFO DROP CABLE
 INSTALL ONE 8 PORT CISCO ETHERNET SWITCH (IE 3200)
 INSTALL TWO CISCO SFPs (GLX-R)
 INSTALL TWO FIBER OPTIC JUMPER UNITS
 F/O POWER LEVEL TEST
 F/O SPLICE TEST
 NOTE:
 EML TEST FROM PORTS 3 AND 4 LEAVING THIS TCB TO PORTS 1 AND 2 AT TCB 00896 (10-2272)
 RELOCATE EXISTING ENCODER AND ASSOCIATED POWER SUPPLY AND SURGE SUPPRESSER AND CCTV CAMERA POWER SUPPLY AND SURGE SUPPRESSOR FROM EXISTING CABINET TO NEW CABINET AND RECONNECT TO EXISTING CCTV CAMERA

MATCH LINE SEE SHEET CR6

MATCHLINE SEE SHEET CR8



EXISTING CONDUIT
 (W) 180'/UO(72)
 REMOVE EXISTING 72 FIBER CABLE (FROM NCDOT HUB) FROM CONDUIT FROM EX. MH#1 TO HH6
 NOTE: ENSURE EXISTING FIBER IS NOT DAMAGED IN REMOVAL AS IT WILL BE REUSED BETWEEN HH5 AND HH6

SID 00895
 10-1846

TRENCH
 (I) 35'/UD(2-2 LW) TR
 (I) 35'/UO(6) FIBER/ML
 INSTALL TWO 2" CONDUITS BETWEEN HH5 AND TCB
 INSTALL 6 FIBER DROP CABLE IN NEW CONDUIT

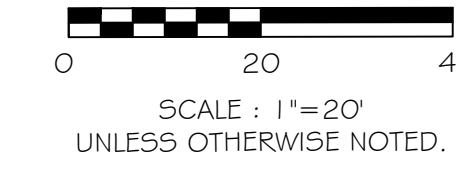
NEW HANDHOLE(HH5)
 (I) UH-2
 (I) 35'/UO(72)
 (I) 35'/UO(6) FIBER/ML
 (I) 12/HO-1
 (I) HUO(72)G
 (I) UH-EBM
 UNDERGROUND HANDHOLE UNIT 24X36X30 CDOT FIBER OPTIC
 COIL 35' OF PROPOSED 72 SMFO CABLE
 COIL 35' OF 6 FIBER DROP CABLE
 INSTALL 12 FIBER OPTIC SPLICING ASSEMBLY UNITS
 INSTALL UNDERGROUND SPLICE ENCLOSURE (SEE SHEET CR3C FOR SPLICE DETAIL)
 INSTALL ELECTRONIC BALL MARKER

DIRECTIONAL BORE
 (I) 170'/UD(3-2 LW) DB (B)
 (I) 170'/UO(72)
 INSTALL THREE 2" CONDUITS BETWEEN HH5 AND EX. HH6 WITH CONDUIT BUNDLING
 INSTALL ONE PROPOSED AND ONE EXISTING 72 SMFO CABLE (FROM NCDOT HUB) IN NEW CONDUIT

UPGRADED HANDHOLE (HH6)
 (W) UH
 (I) UH-2
 REPLACE EXISTING HANDHOLE UNIT (UH-1) WITH NEW UH-2 HANDHOLE UNIT
 PLACE NEW CONDUIT OR CABLES IN EX. HANDHOLE UNIT

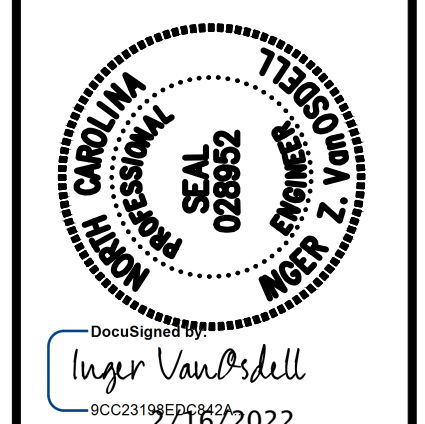
TRENCH
 (I) 320'/UD(2-2 LW) TR
 (I) 320'/UO(72)
 INSTALL TWO 2" CONDUITS BETWEEN HH6 AND HH7
 INSTALL 72 SMFO CABLE IN NEW CONDUIT

- 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.



Plans Prepared By:
Kimley»Horn
 NC License #F-0102
 421 Fayetteville Street, Suite 600
 Raleigh, NC 27601
 919-677-2000

NO.	DATE	BY	DESCRIPTION



CDOT'S-#/#/#	SCALE	1"=20'
PREPARED BY	CAD FILE	
MC Burke	CHECKED BY	IZ Vanosdell
APPROVED BY	DATE	09/20/21

BROOKSHIRE BOULEVARD
CHARLOTTE, NC

CABLE ROUTING PLANS

SHEET CR7 OF CR9

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED