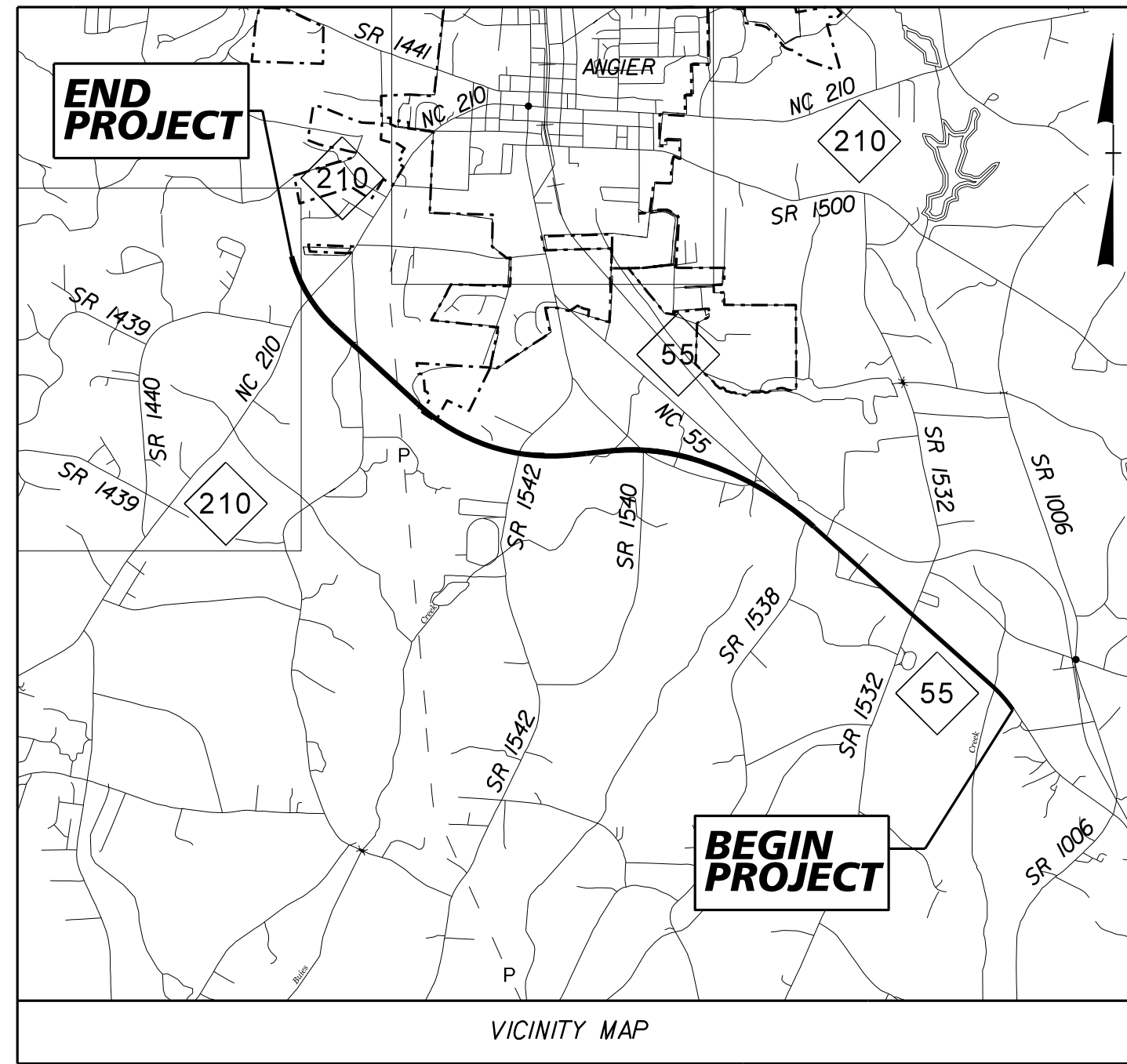


09.08/99

TIP PROJECT: R-5705A



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
HARNETT COUNTY**

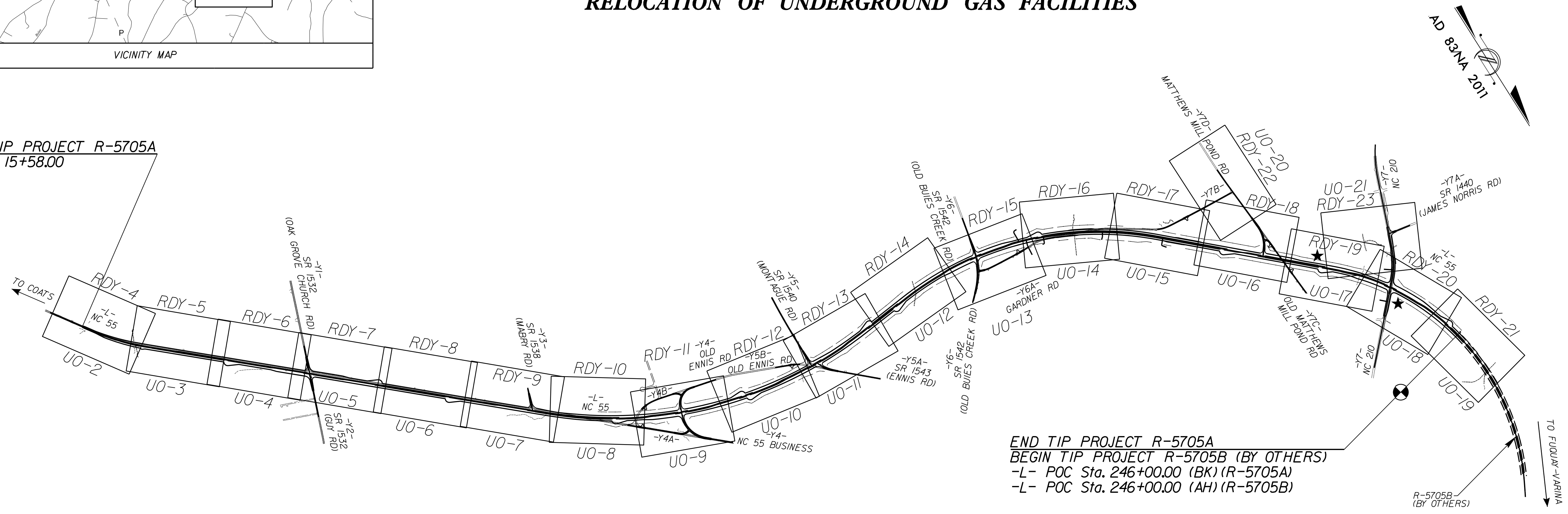
**LOCATION: NC 55 FROM SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD)
TO NORTH OF NC 210**

**TYPE OF WORK: RELOCATION OF AERIAL POWER DISTRIBUTION & TRANSMISSION FACILITIES
RELOCATION OF AERIAL & UNDERGROUND COMMUNICATION FACILITIES
RELOCATION OF UNDERGROUND GAS FACILITIES**

NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS.
NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

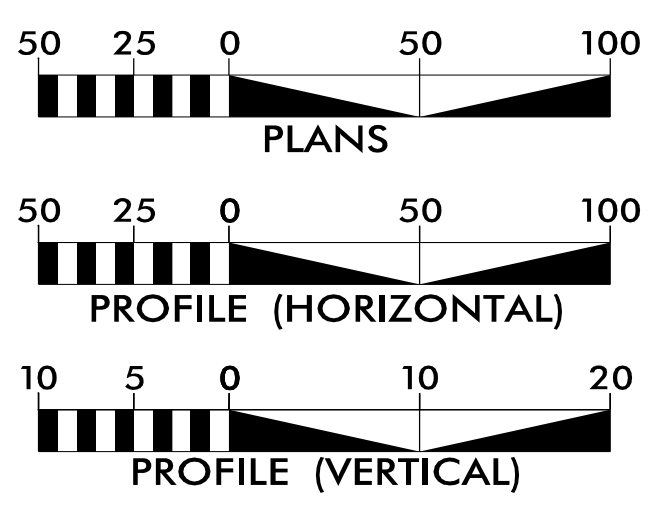
T.I.P. NO.	SHEET NO.
R-5705A	UO-1

BEGIN TIP PROJECT R-5705A
-L- Sta. 15+58.00



END TIP PROJECT R-5705A
BEGIN TIP PROJECT R-5705B (BY OTHERS)
-L- POC Sta. 246+00.00 (BK) (R-5705A)
-L- POC Sta. 246+00.00 (AH) (R-5705B)

GRAPHIC SCALES

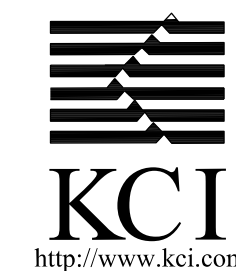


INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-02 THRU UO-21	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

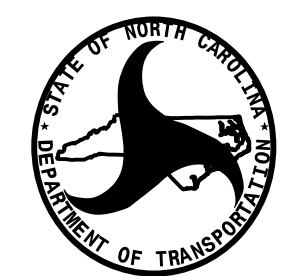
- (A) POWER (DISTRIBUTION) - DUKE ENERGY
- (B) POWER (TRANSMISSION) - DUKE ENERGY
- (C) GAS - PIEDMONT NATURAL GAS
- (D) COMMUNICATIONS - CHARTER
- (E) COMMUNICATIONS - CENTURYLINK
- (F) COMMUNICATIONS - CONTERRA
- (G) COMMUNICATIONS - SEGRA



PREPARED IN THE OFFICE OF:

KCI Associates of N.C., P.A.
4505 Falls of Neuse Road, Suite 400
Raleigh, NC 27609
Phone (919) 783-9214
Fax (919) 783-9266

JOHN FAISON UTILITY PROJECT COORDINATOR
DANIEL ALLEN PROJECT UTILITY DESIGNER



DIVISION OF HIGHWAYS
UTILITIES UNIT
1555 BIRCH SERVICE CENTER
RALEIGH, NC 27699

06-JUN-2023 10:48 AM R-5705 AB&C\R-5705A\Utilities\290_001_R-5705A-uf_U001.tsh.dgn \$\$\$\$SERNAME\$\$\$\$

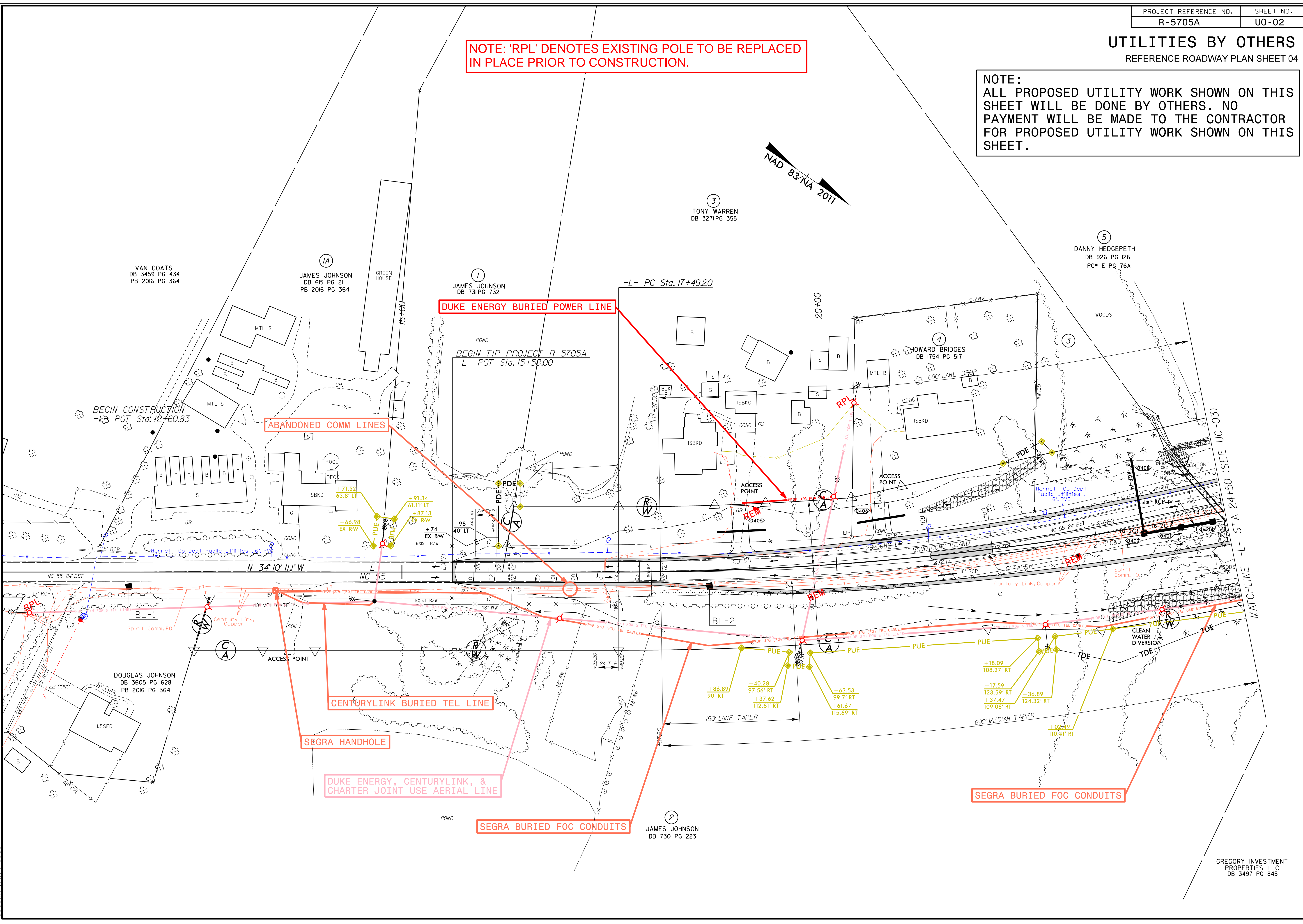
UTILITIES BY OTHERS

REFERENCE ROADWAY PLAN SHEET 04

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

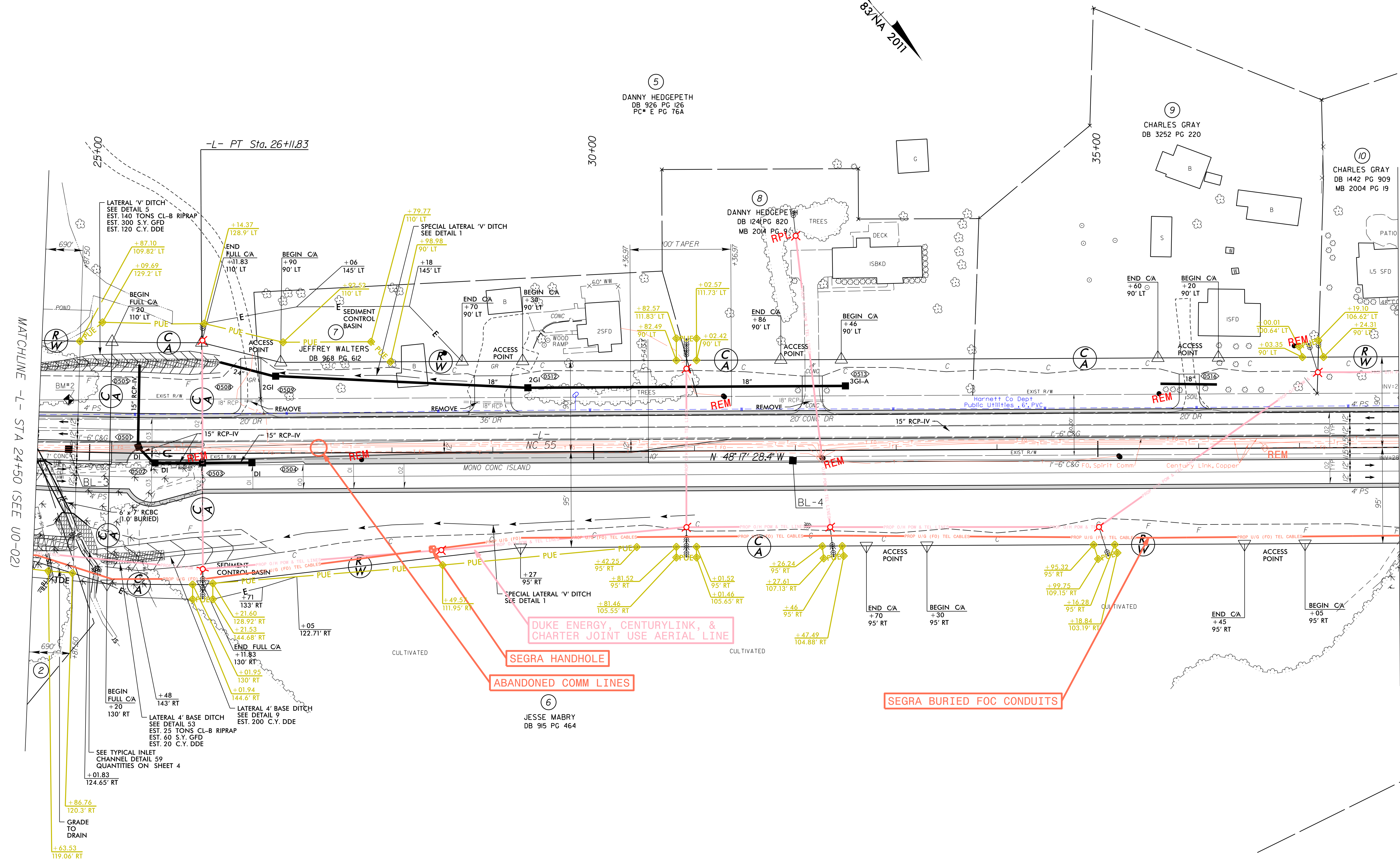
NOTE: 'RPL' DENOTES EXISTING POLE TO BE REPLACED IN PLACE PRIOR TO CONSTRUCTION.

08-DEC-2022 16:02 N:\2010\06\10\05633\AM R-5705 AB&C\AR-5705A\Utilities\290_002_R-5705A_ut_rdy04_U002_psh.dgn 8/17/99



UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 05

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



MATCHLINE -L- STA 24+50 (SEE UO-02)

MATCHLINE -L- STA 38+00 (SEE UO-04)

DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE

SEGRA HANDHOLE

ABANDONED COMM LINES

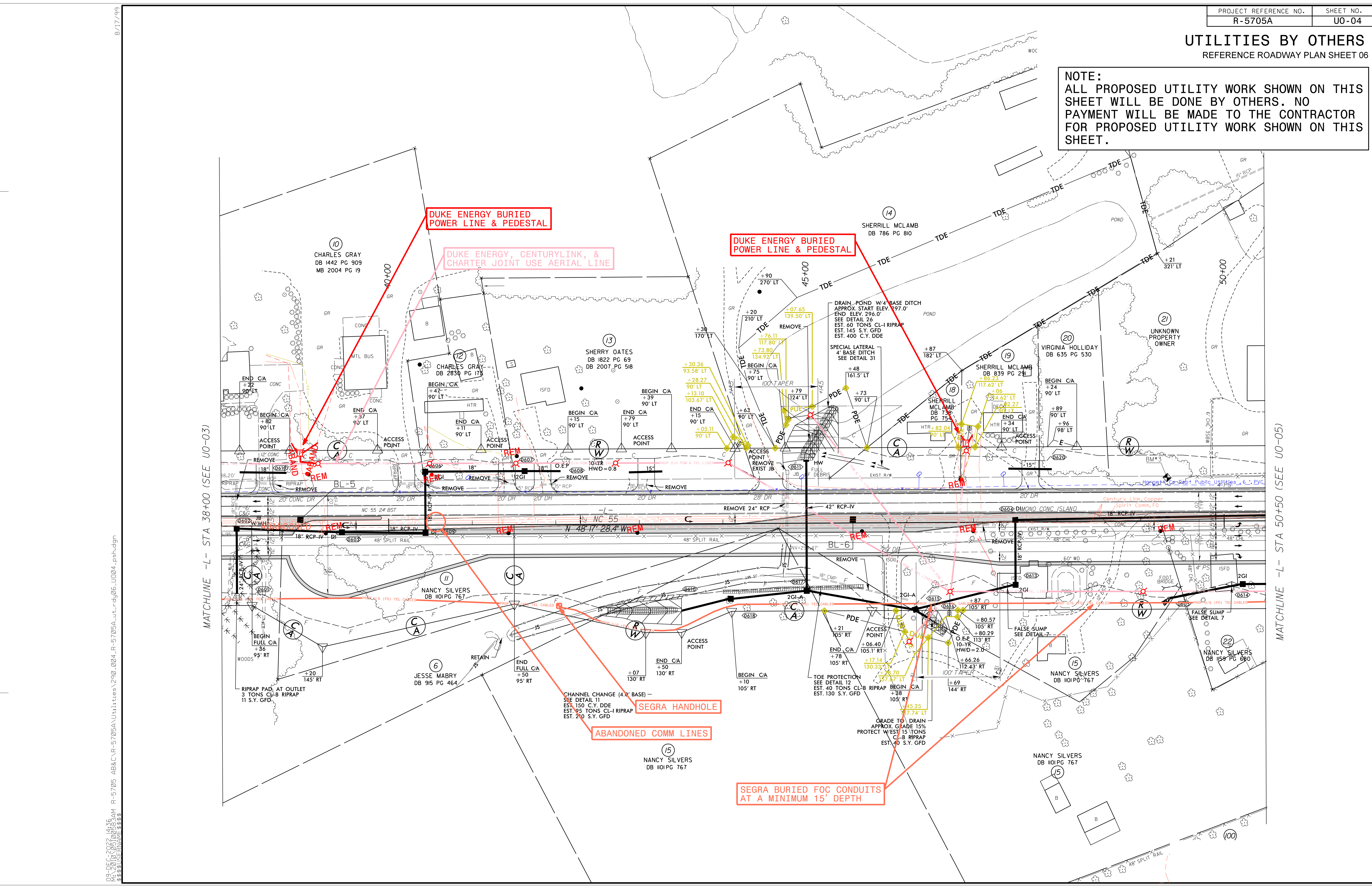
SEGRA BURIED FOC CONDUITS

09-DEC-2022 14:29
 N:\2010\06\10\05\5705A\Utilities\290_003.R-5705A_ut_rdy05_U003.psh.dgn
 8/17/99
 USER: [unreadable]

UTILITIES BY OTHERS

REFERENCE ROADWAY PLAN SHEET 06

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



DUKE ENERGY BURIED POWER LINE & PEDESTAL

DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE

DUKE ENERGY BURIED POWER LINE & PEDESTAL

SEGRA HANDHOLE

ABANDONED COMM LINES

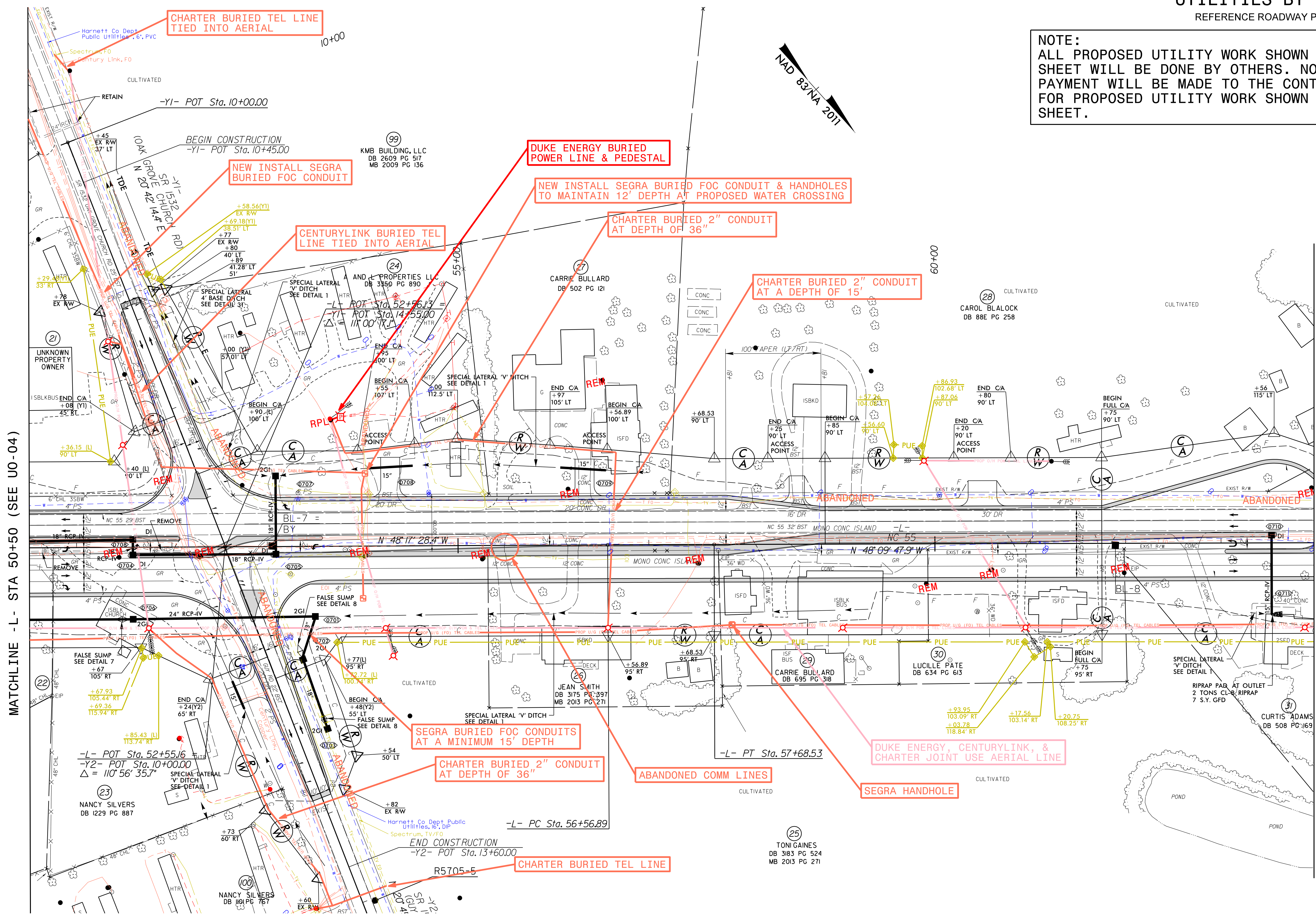
SEGRA BURIED FOC CONDUITS AT A MINIMUM 15' DEPTH

MATCHLINE -L- STA 38+00 (SEE UO-03)

MATCHLINE -L- STA 50+50 (SEE UO-05)

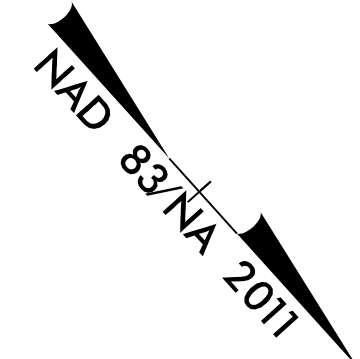
UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 07

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



MATCHLINE - L - STA 50+50 (SEE U0-04)

MATCHLINE - L - STA 64+00 (SEE U0-06)

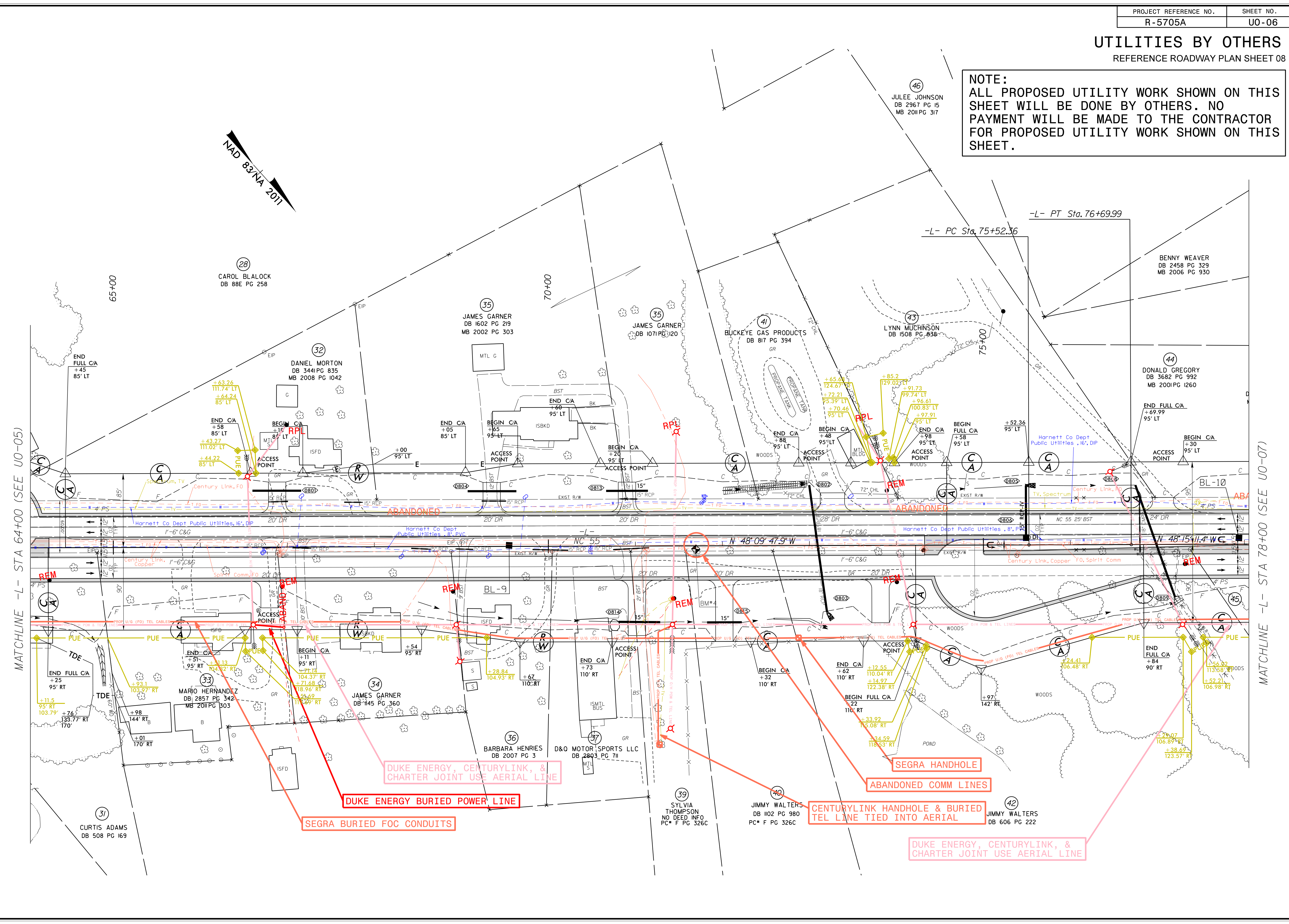


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 8/17/99

UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 08

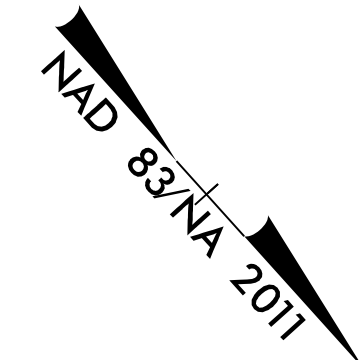
NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

8/17/99
09-DEC-2022 14:42
M:\2010\0610056633\AM R-5705 AB&CAR-5705A\Utilities\290_006.R-5705A_UA_rcl\08_UO06.psh.dgn
USER:JHERRIN



MATCHLINE -L- STA 64+00 (SEE UO-05)

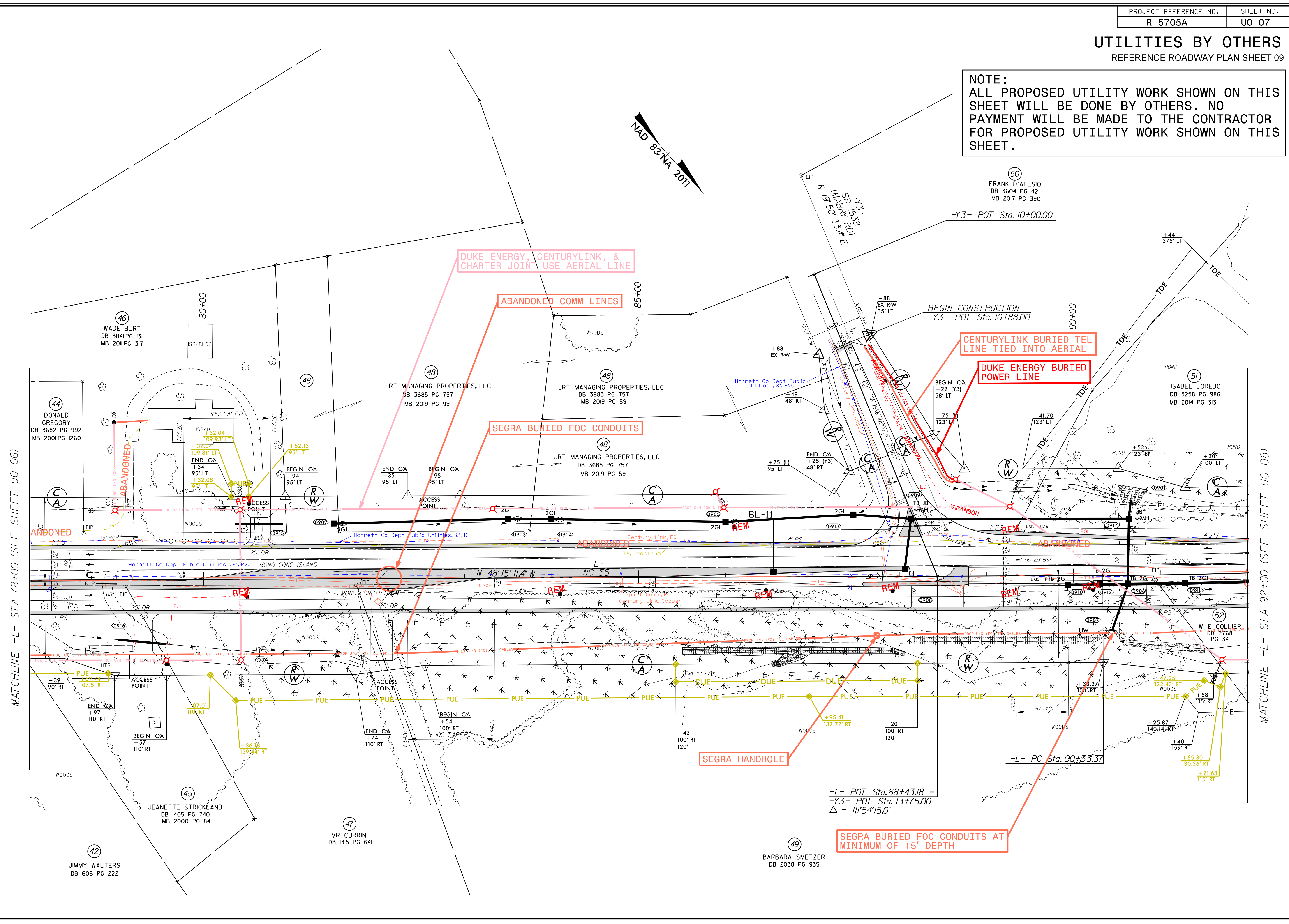
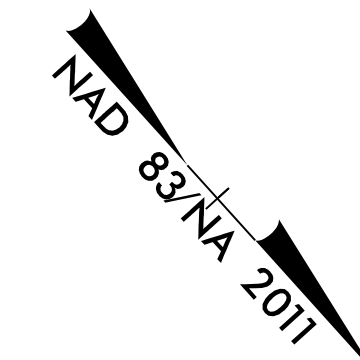
MATCHLINE -L- STA 78+00 (SEE UO-07)



Detailed utility plan showing property owners (e.g., Carol Blalock, James Garner, Daniel Morton, Buckeye Gas Products, Lynn Muchinson, Benny Weaver, Donald Gregory, Mario Hernandez, Barbara Henriess, D&O Motor Sports LLC, Sylvia Thompson, Jimmy Walters), utility lines (CenturyLink, Duke Energy, Charter), and various engineering notes and dimensions. Includes labels for 'DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE', 'SEGRA BURIED FOC CONDUITS', 'ABANDONED COMM LINES', 'CENTURYLINK HANDHOLE & BURIED TEL LINE TIED INTO AERIAL', and 'DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE'. Stationing is shown along the roadway.

UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 09

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



MATCHLINE -L- STA 78+00 (SEE SHEET UO-06)

MATCHLINE -L- STA 92+00 (SEE SHEET UO-08)

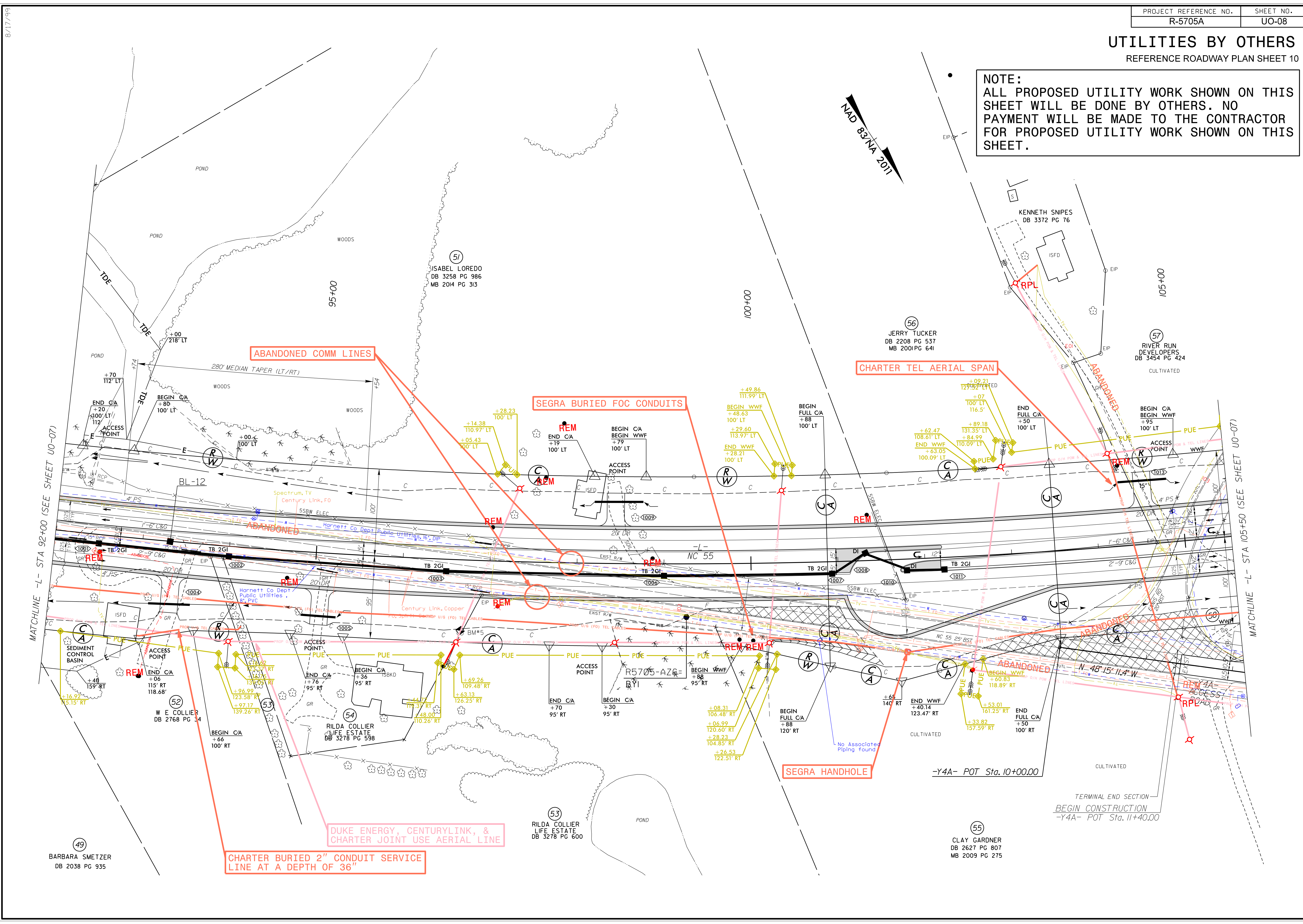
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-L- POT Sta. 88+43.18 =
-Y3- POT Sta. 13+75.00
Δ = 111°54'15.0"

SEGRA BURIED FOC CONDUITS AT
MINIMUM OF 15' DEPTH

UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 10

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



8/17/99

OS-DWG-2022-16-19
R-5705-AB&C-R-5705A\Utilities\290_008_R-5705A_ut_r.dwg UO08_psh.dgn
10:00 AM 10/10/2023
\$\$\$\$\$USER\$\$\$\$\$

MATCHLINE -L- STA 92+00 (SEE SHEET UO-07)

MATCHLINE -L- STA 105+50 (SEE SHEET UO-07)

49
BARBARA SMETZER
DB 2038 PG 935

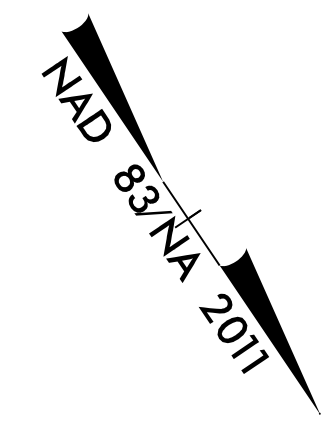
DUKE ENERGY, CENTURYLINK, &
CHARTER JOINT USE AERIAL LINE

CHARTER BURIED 2" CONDUIT SERVICE
LINE AT A DEPTH OF 36"

55
CLAY GARDNER
DB 2627 PG 807
MB 2009 PG 275

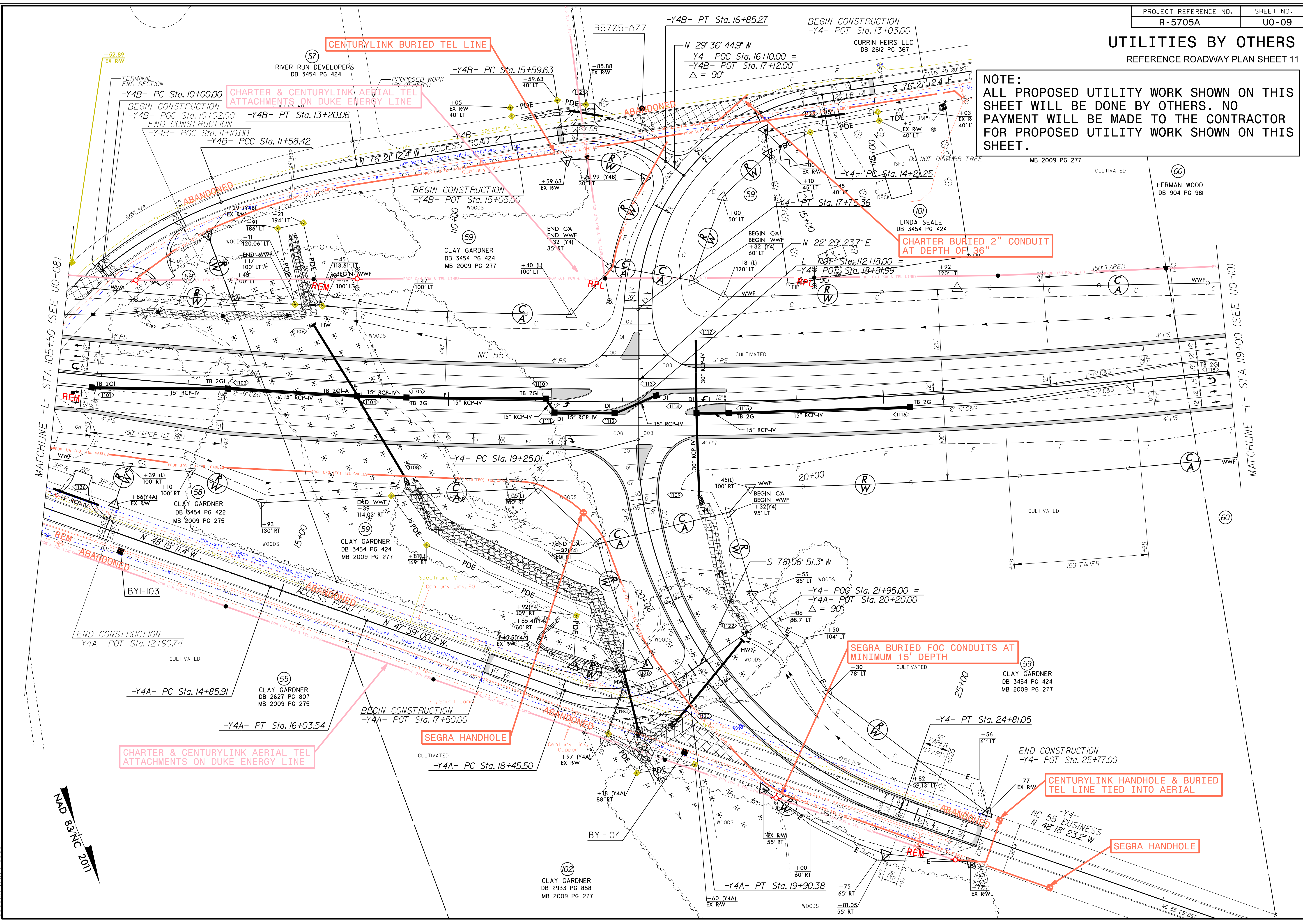
TERMINAL END SECTION
BEGIN CONSTRUCTION
-Y4A- POT Sta. 11+40.00

-Y4A- POT Sta. 10+00.00



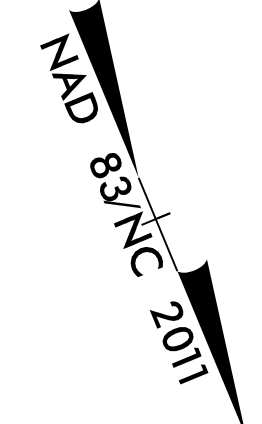
UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 11

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



MATCHLINE -L- STA 105+50 (SEE UO-08)

MATCHLINE -L- STA 119+00 (SEE UO-10)



09-DEC-2022 14:51
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8/17/99

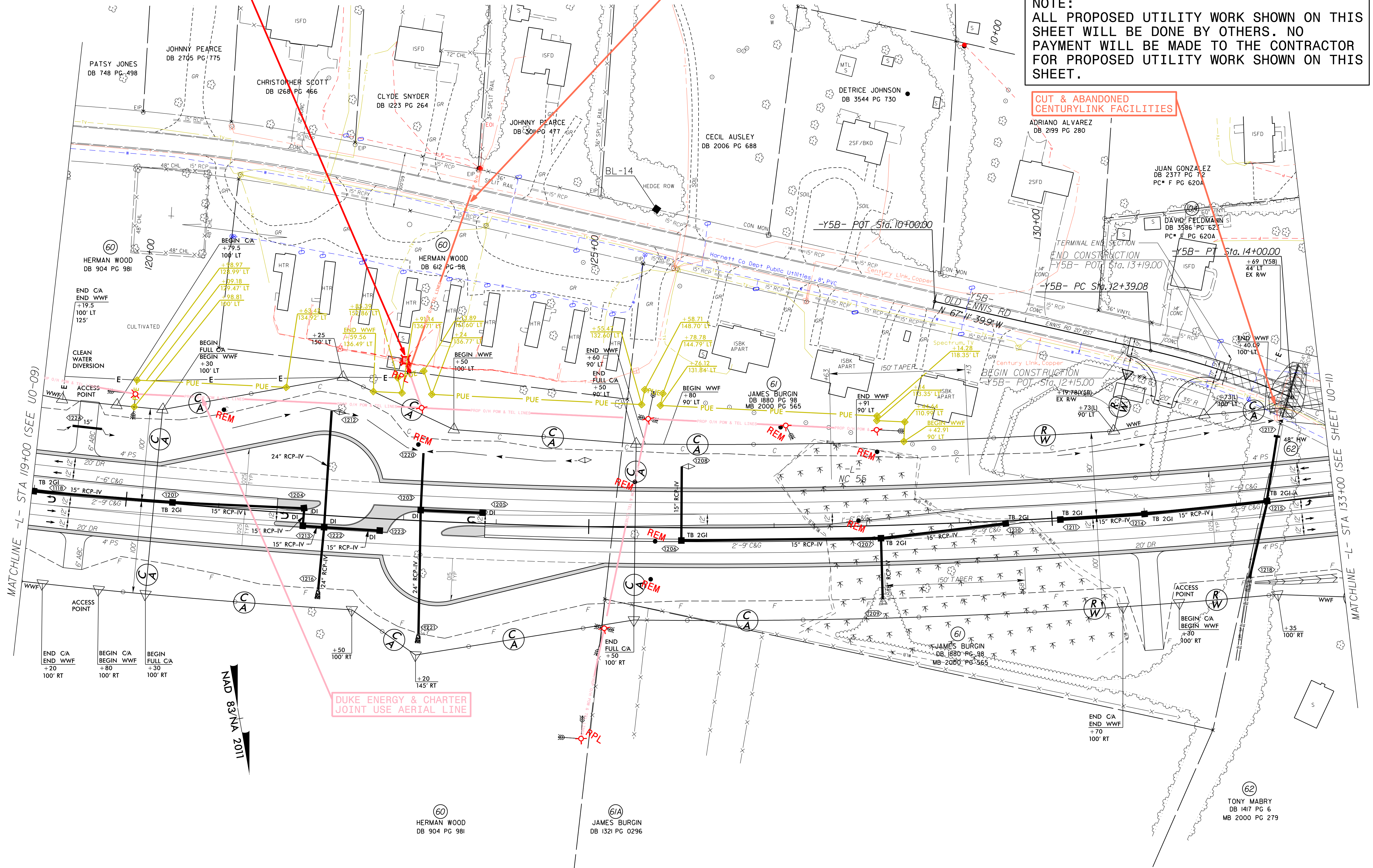
UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 12

DUKE ENERGY BURIED
POWER LINE & PEDESTAL

CHARTER AERIAL TEL SPAN

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

CUT & ABANDONED
CENTURYLINK FACILITIES



MATCHLINE -L- STA 119+00 (SEE U0-09)

MATCHLINE -L- STA 133+00 (SEE SHEET U0-11)

NAD 83/NA 2011

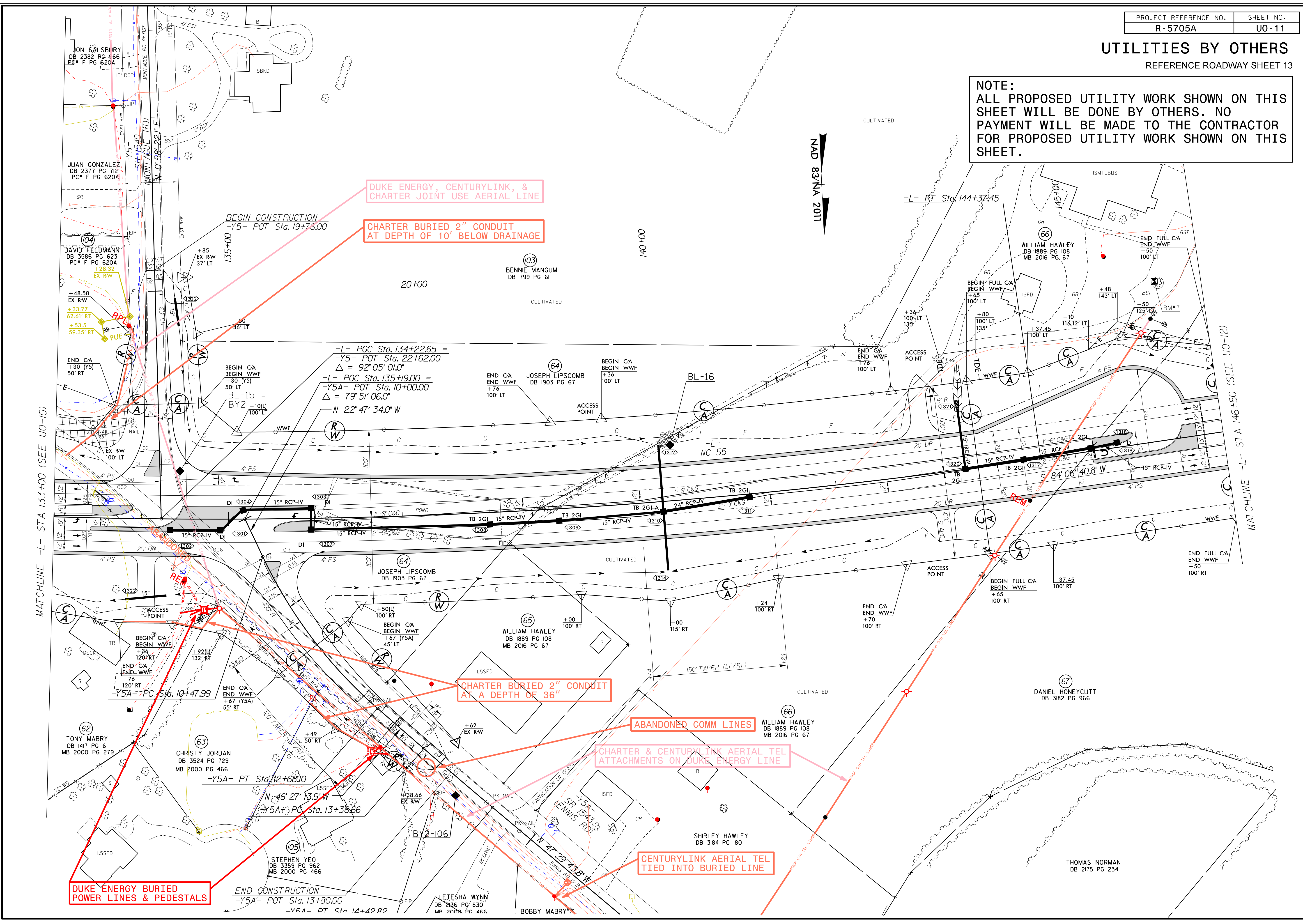
DUKE ENERGY & CHARTER
JOINT USE AERIAL LINE

09-DEC-2022 14:58
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8/17/99

UTILITIES BY OTHERS

REFERENCE ROADWAY SHEET 13

NOTE:
 ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE

CHARTER BURIED 2" CONDUIT AT DEPTH OF 10' BELOW DRAINAGE

CHARTER BURIED 2" CONDUIT AT A DEPTH OF 36"

ABANDONED COMM LINES

CHARTER & CENTURYLINK AERIAL TEL ATTACHMENTS ON DUKE ENERGY LINE

CENTURYLINK AERIAL TEL TIED INTO BURIED LINE

DUKE ENERGY BURIED POWER LINES & PEDESTALS

NAD 83/NA 2011

MATCHLINE -L- STA 133+00 (SEE UO-10)

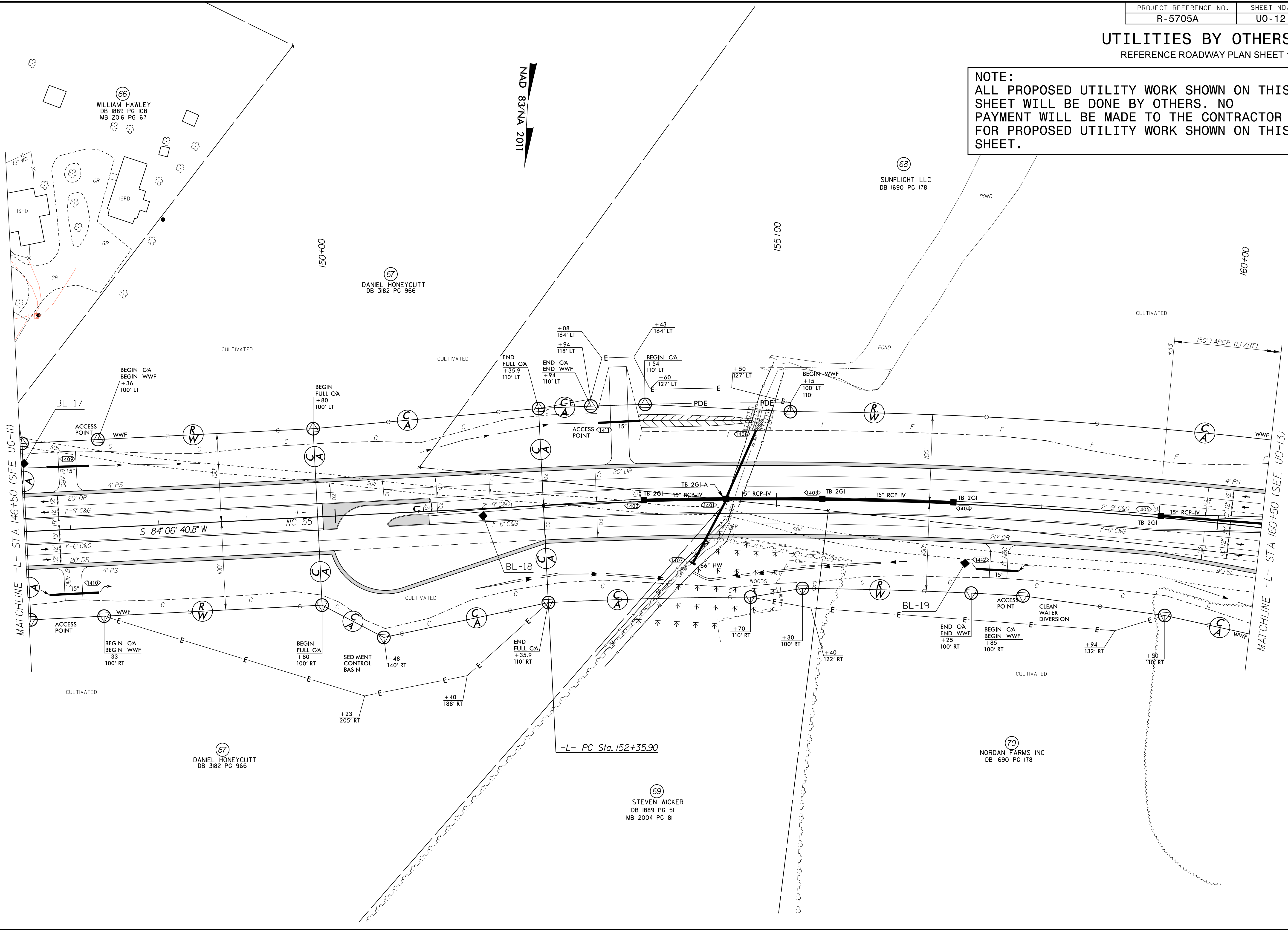
MATCHLINE -L- STA 146+50 (SEE UO-12)

8/17/99

05_P:\C0670070\CAM R-5705 AB&C\R-5705A\Utilities\290_011.R-5705A_u.r.d\13_U011.psh.dgn
 \$\$\$\$\$\$USERNAME\$\$\$\$\$

UTILITIES BY OTHERS
 REFERENCE ROADWAY PLAN SHEET 14

NOTE:
 ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

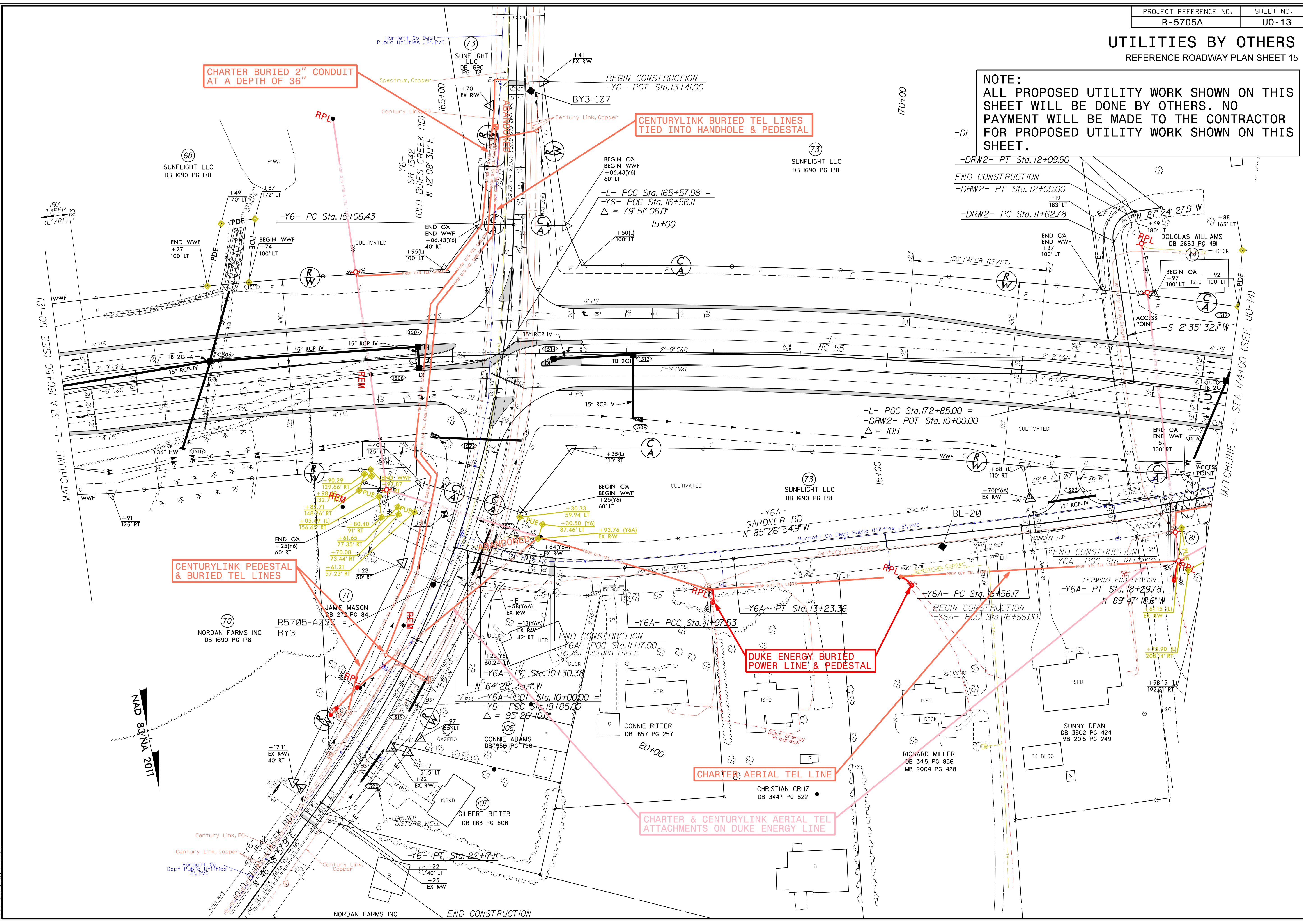


8/17/99

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UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 15

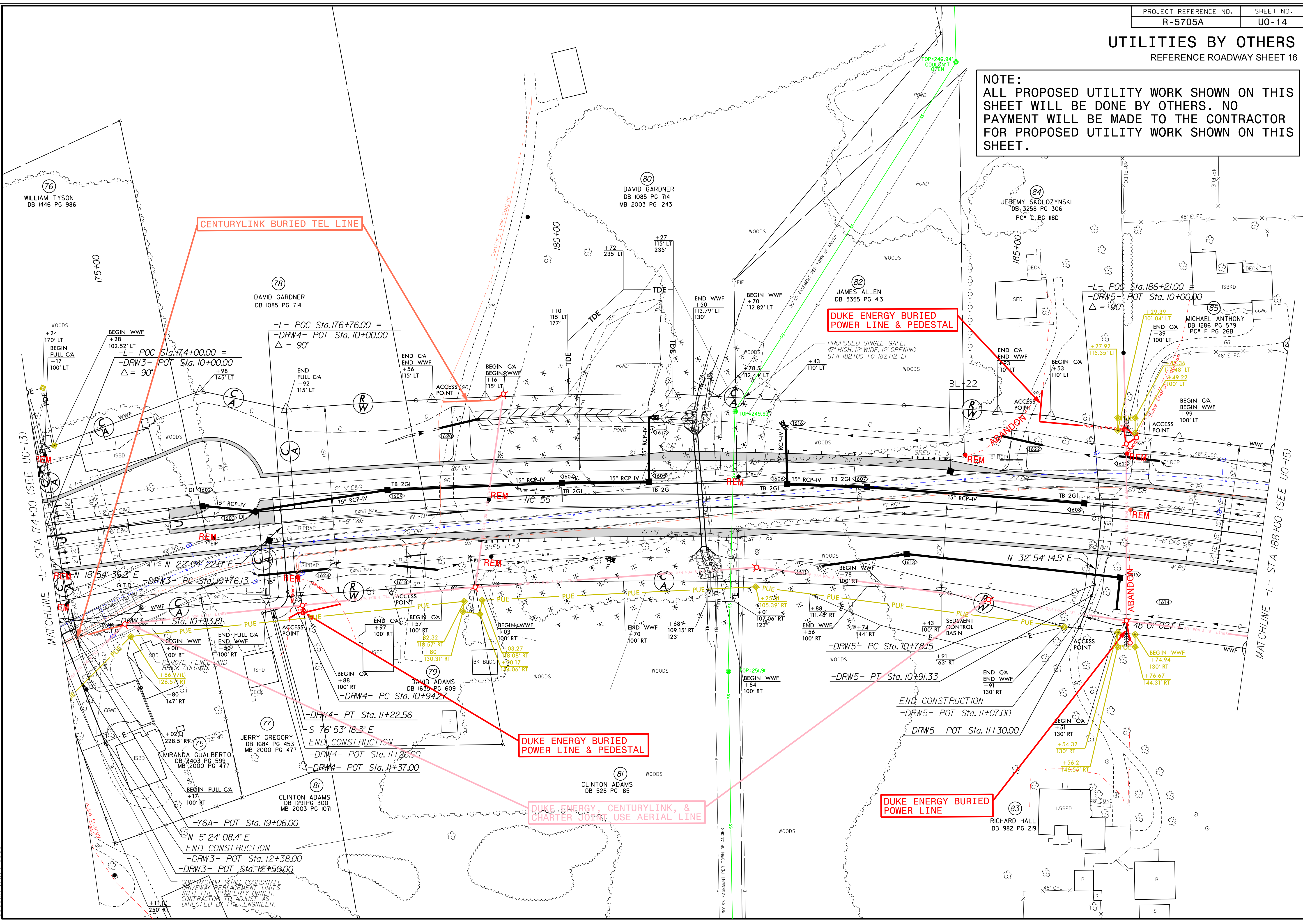
NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



8/17/99
 12-DEC-2022 15:05
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UTILITIES BY OTHERS
REFERENCE ROADWAY SHEET 16

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



CENTURYLINK BURIED TEL LINE

DUKE ENERGY BURIED POWER LINE & PEDESTAL

DUKE ENERGY BURIED POWER LINE & PEDESTAL

DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE

DUKE ENERGY BURIED POWER LINE

09-DEC-2022 15:42
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 USER:RUBENARIE

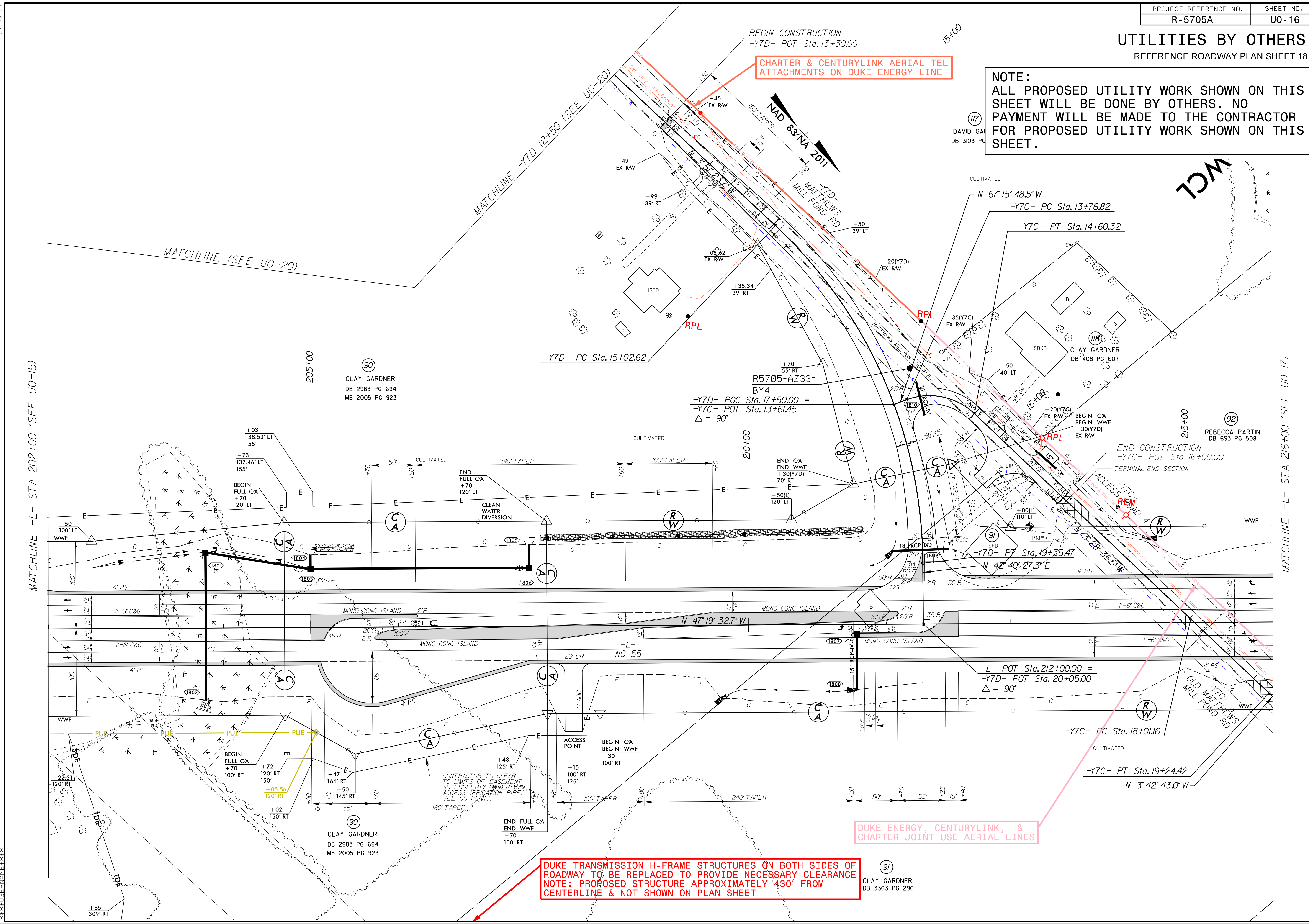
MATCHLINE -L- STA 188+00 (SEE U0-15)

MATCHLINE -L- STA 174+00 (SEE U0-13)

CONTRACTOR SHALL COORDINATE
DRIVEWAY REPLACEMENT LIMITS
WITH THE PROPERTY OWNER.
CONTRACTOR TO ADJUST AS
DIRECTED BY THE ENGINEER.

UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 18

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



MATCHLINE -L- STA 202+00 (SEE UO-15)

MATCHLINE -L- STA 216+00 (SEE UO-17)

DUKE TRANSMISSION H-FRAME STRUCTURES ON BOTH SIDES OF ROADWAY TO BE REPLACED TO PROVIDE NECESSARY CLEARANCE NOTE: PROPOSED STRUCTURE APPROXIMATELY 430' FROM CENTERLINE & NOT SHOWN ON PLAN SHEET

DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINES

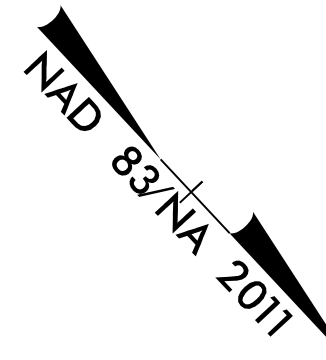
CHARTER & CENTURYLINK AERIAL TEL ATTACHMENTS ON DUKE ENERGY LINE

8/17/99
 01 JUN 2023 10:40 AM
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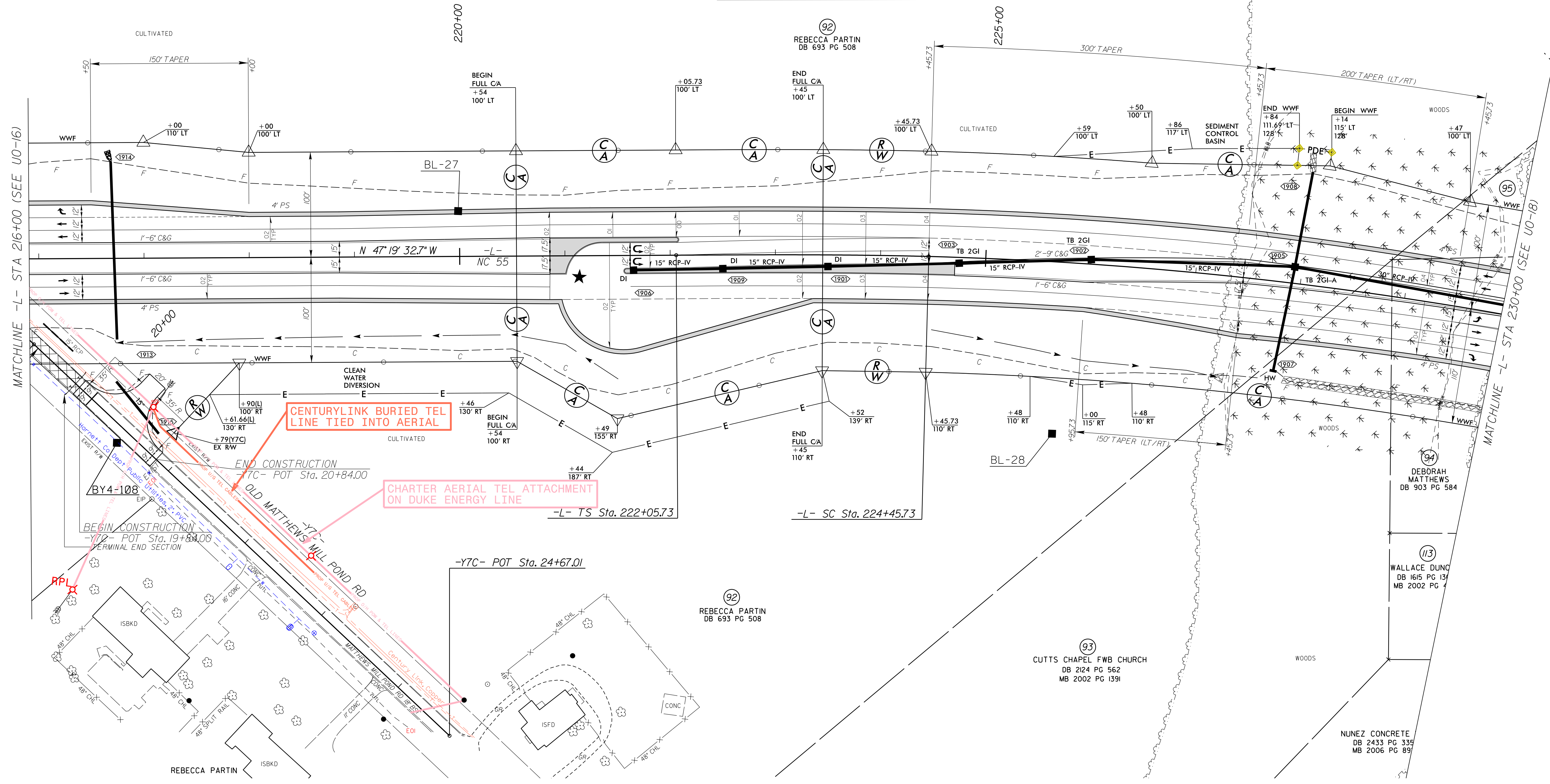
UTILITIES BY OTHERS

REFERENCE ROADWAY SHEET 19

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



MATCHLINE (SEE UO-21)



CENTURYLINK BURIED TEL LINE TIED INTO AERIAL

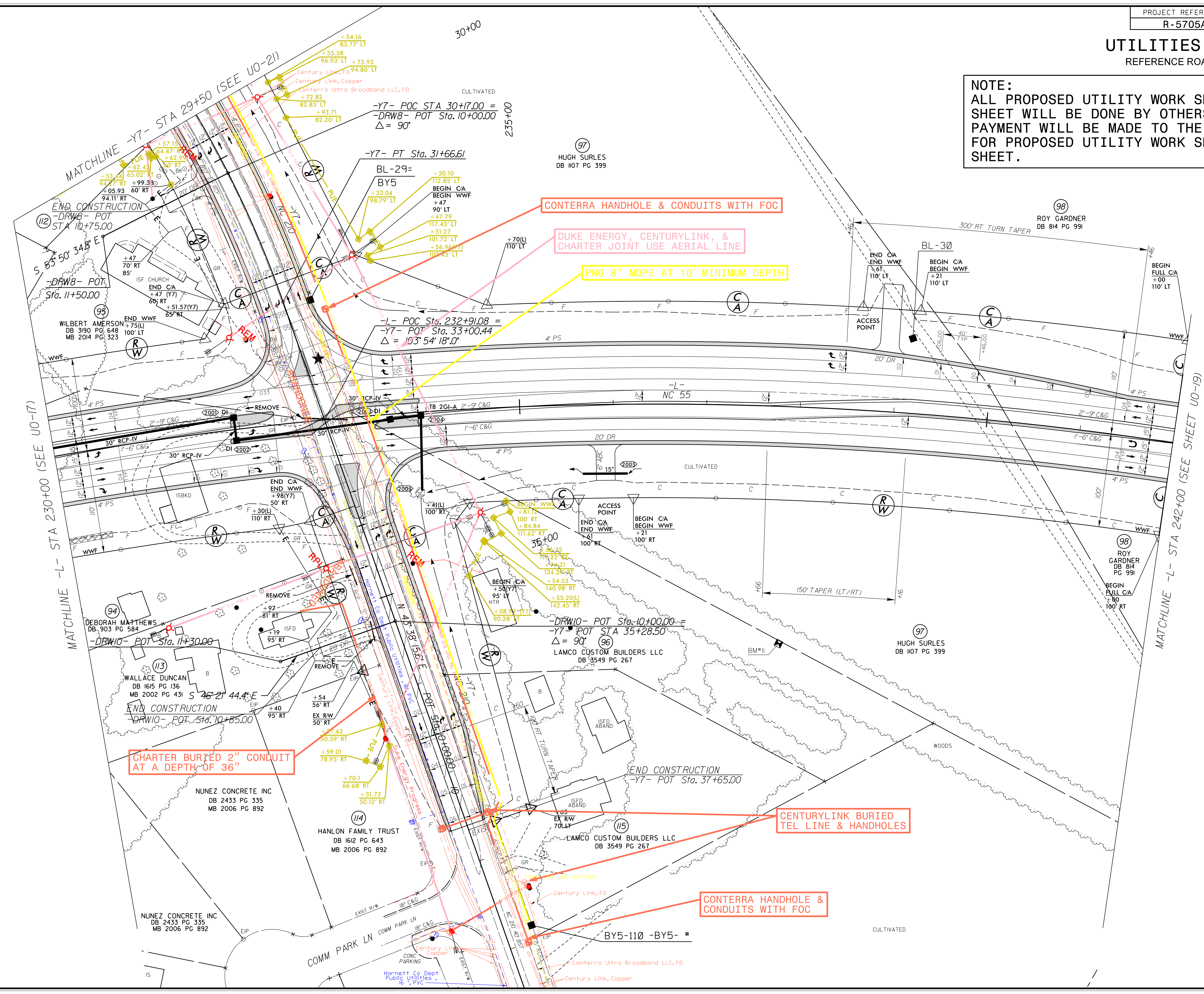
CHARTER AERIAL TEL ATTACHMENT ON DUKE ENERGY LINE

09-DEC-2022 15:35
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SUBSERIAL 19

8/17/99

UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 20

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



CHARTER BURIED 2" CONDUIT AT A DEPTH OF 36"

CONTRERA HANDHOLE & CONDUITS WITH FOC

DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE

PNG 8" MDPE AT 10' MINIMUM DEPTH

CENTURYLINK BURIED TEL LINE & HANDHOLES

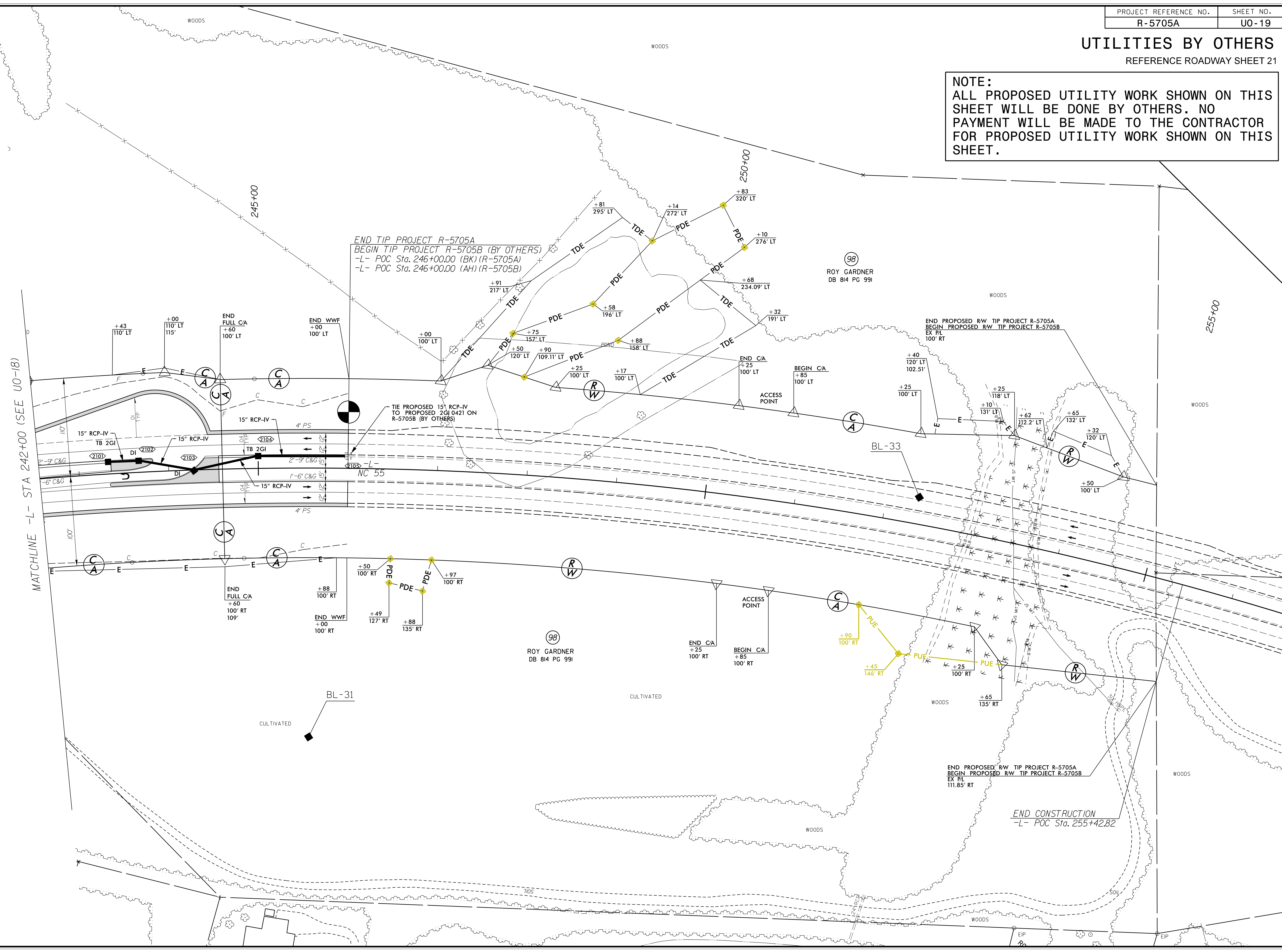
CONTRERA HANDHOLE & CONDUITS WITH FOC

09-DEC-2022 15:38
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 8/17/99

UTILITIES BY OTHERS

REFERENCE ROADWAY SHEET 21

NOTE:
 ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



END TIP PROJECT R-5705A
 BEGIN TIP PROJECT R-5705B (BY OTHERS)
 -L- POC Sta. 246+00.00 (BK) (R-5705A)
 -L- POC Sta. 246+00.00 (AH) (R-5705B)

TIE PROPOSED 15" RCP-IV TO PROPOSED 2GI 0421 ON R-5705B (BY OTHERS)

END PROPOSED RW TIP PROJECT R-5705A
 BEGIN PROPOSED RW TIP PROJECT R-5705B
 EX PL 100' RT

END PROPOSED RW TIP PROJECT R-5705A
 BEGIN PROPOSED RW TIP PROJECT R-5705B
 EX PL 111.85' RT

END CONSTRUCTION
 -L- POC Sta. 255+42.82

MATCHLINE -L- STA 242+00 (SEE UO-18)

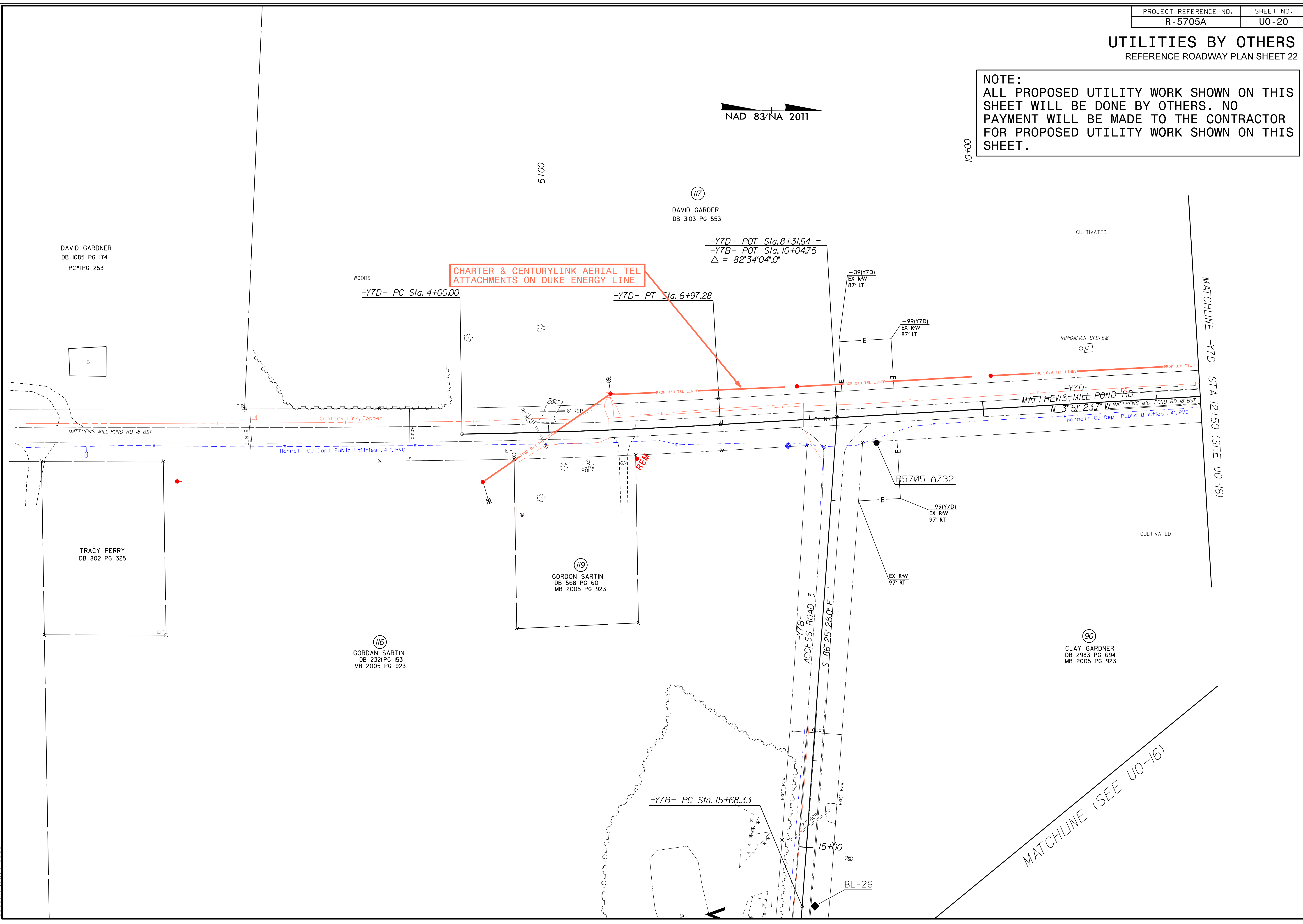
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UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 22

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.



8/17/99
09-DEC-2022 15:50
M:\2010\061005633\AM R-5705 AB&CAR-5705A\Utilities\290_020_LR-5705A_ut_rdy22_U020_psh.dgn
USER:JLW



CHARTER & CENTURYLINK AERIAL TEL ATTACHMENTS ON DUKE ENERGY LINE

$$\begin{aligned} -YTD- POT Sta. 8+31.64 &= \\ -YTB- POT Sta. 10+04.75 &= \\ \Delta &= 82'34''04''.0' \end{aligned}$$

-YTD- PC Sta. 4+00.00

-YTD- PT Sta. 6+97.28

-YTD- MATTHEWS MILL POND RD

N 3°51'23.7" W MATTHEWS MILL POND RD 18' BST
Hornett Co Dept Public Utilities .4" PVC

-YTB- ACCESS ROAD 3
S 86°25'28.0" E

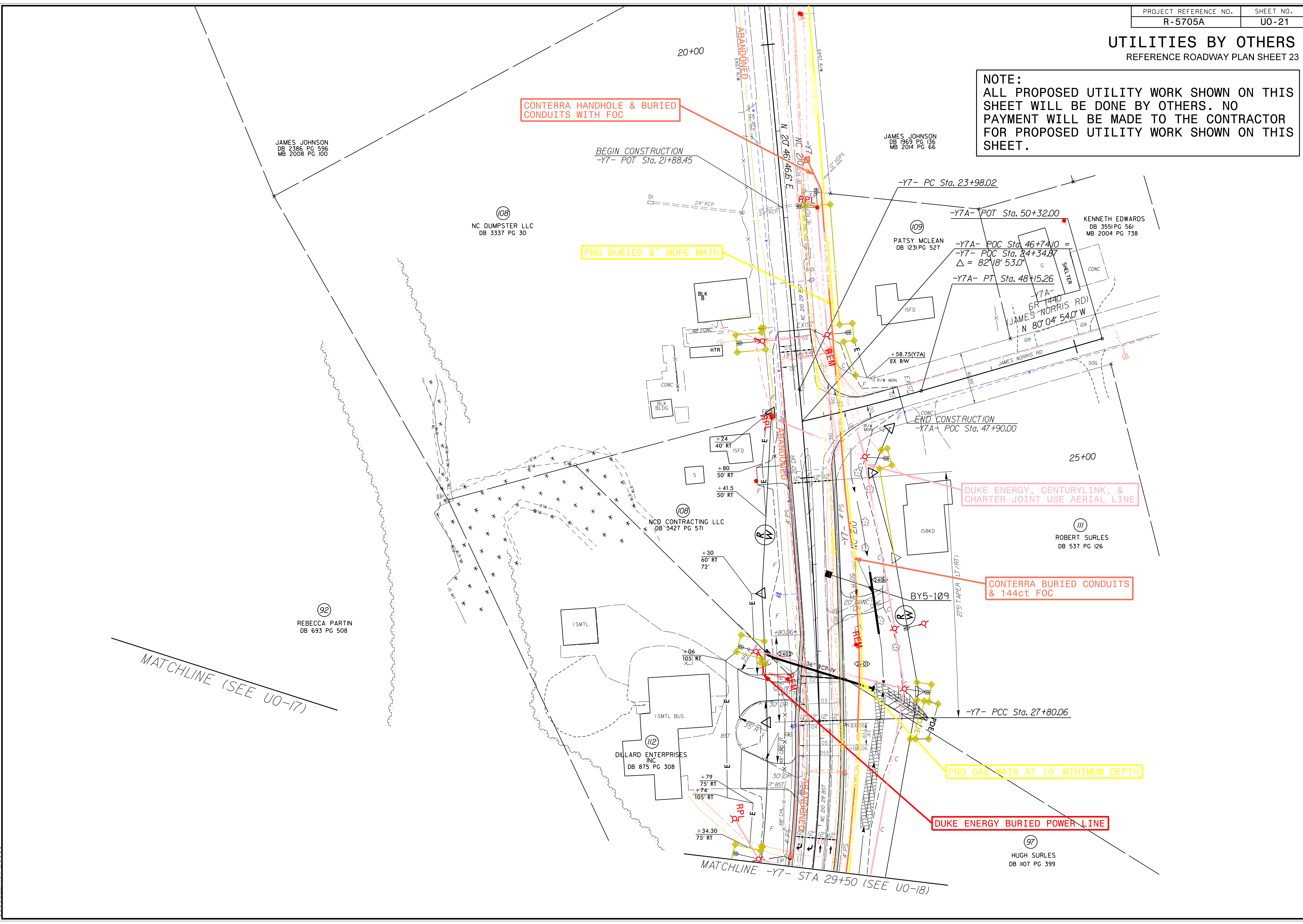
-YTB- PC Sta. 15+68.33

MATCHLINE (SEE U0-16)

UTILITIES BY OTHERS
REFERENCE ROADWAY PLAN SHEET 23

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

8/17/99



CONTERRA HANDHOLE & BURIED CONDUITS WITH FOC

PNG BURIED 8" MDPE MAIN

DUKE ENERGY, CENTURYLINK, & CHARTER JOINT USE AERIAL LINE

CONTERRA BURIED CONDUITS & 144ct FOC

PNG GAS MAIN AT 10' MINIMUM DEPTH

DUKE ENERGY BURIED POWER LINE

JAMES JOHNSON
DB 2386 PG 596
MB 2008 PG 100

108
NC DUMPSTER LLC
DB 3337 PG 30

JAMES JOHNSON
DB 1969 PG 136
MB 2014 PG 66

KENNETH EDWARDS
DB 3551 PG 561
MB 2004 PG 738

109
PATSY MCLEAN
DB 1231 PG 527

108
NCD CONTRACTING LLC
DB 3427 PG 571

111
ROBERT SURLS
DB 537 PG 126

92
REBECCA PARTIN
DB 693 PG 508

112
DILLARD ENTERPRISES
INC
DB 875 PG 308

97
HUGH SURLS
DB 1107 PG 399

MATCHLINE (SEE U0-17)

MATCHLINE -Y7- STA 29+50 (SEE U0-18)

09-DEC-2022 15:51
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 10/10/2022 10:05:33 AM
 10/10/2022 10:05:33 AM