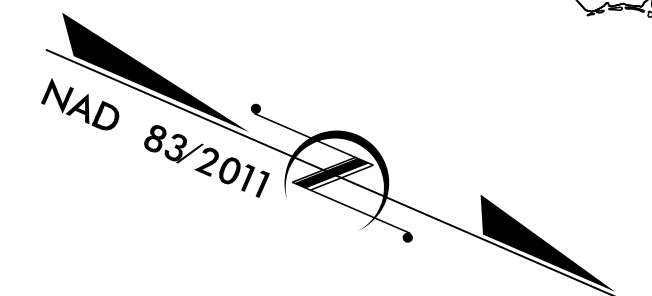
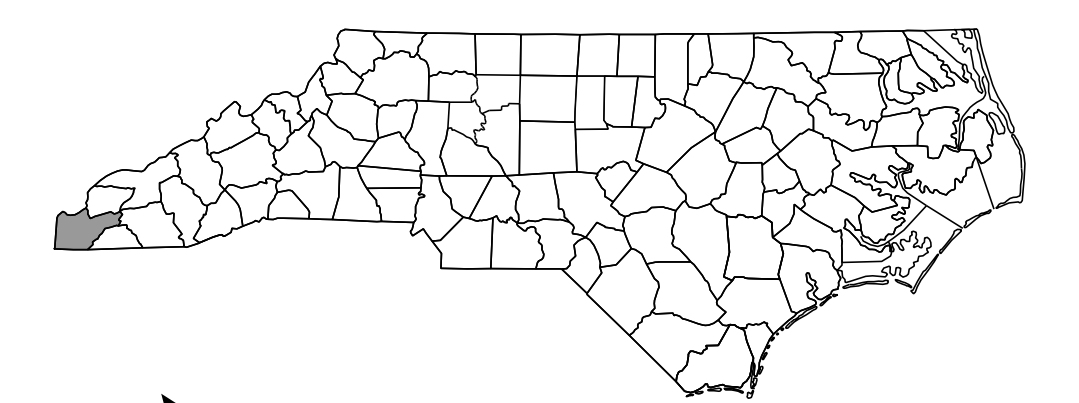


T.I.P. NO.	SHEET NO.
R-5861	UO-01

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.

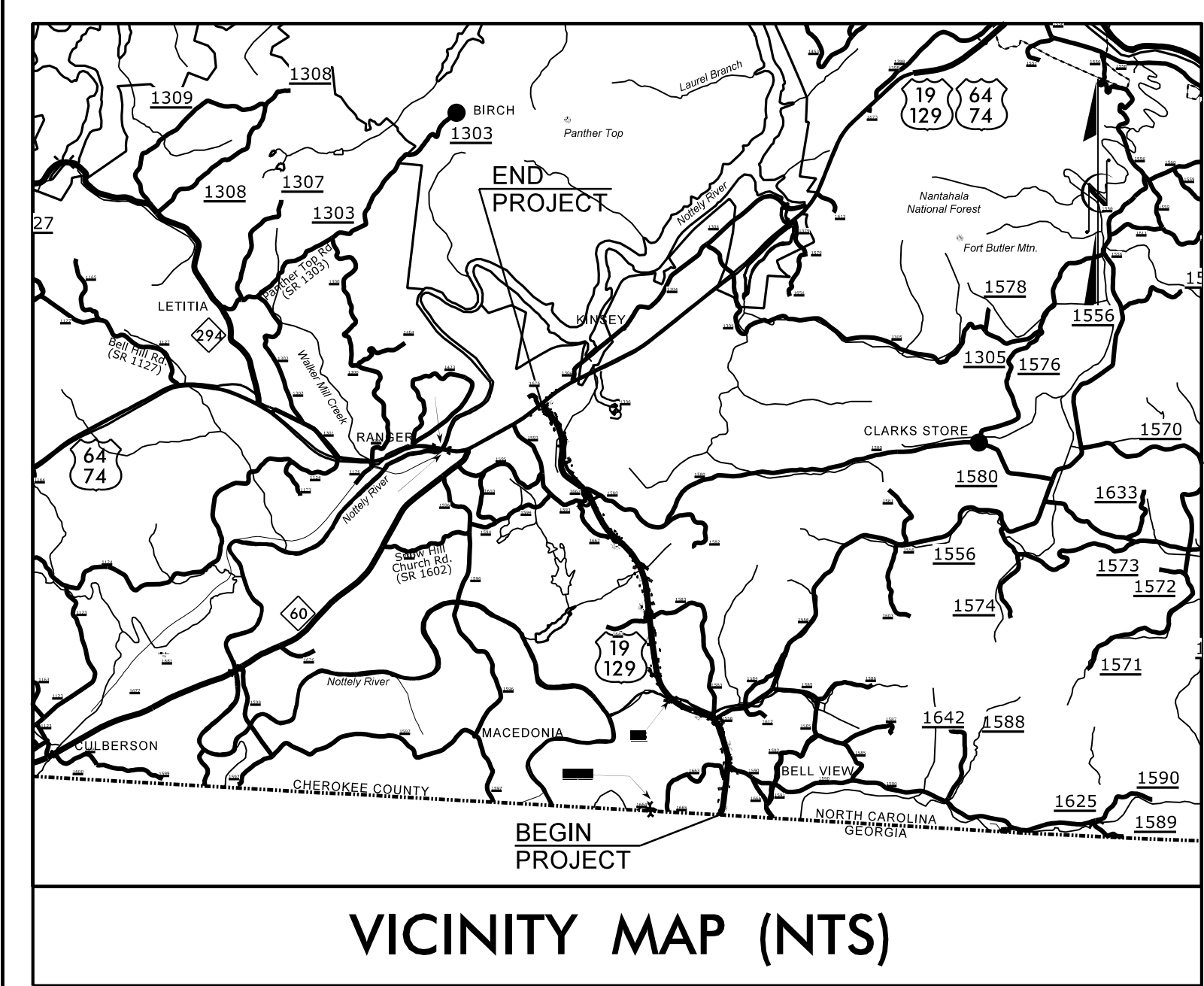


STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

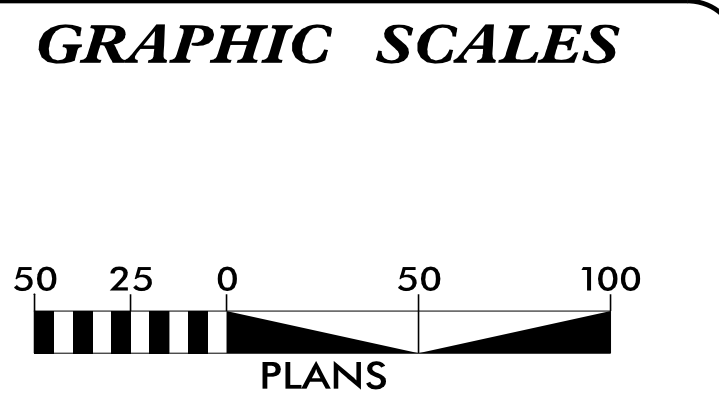
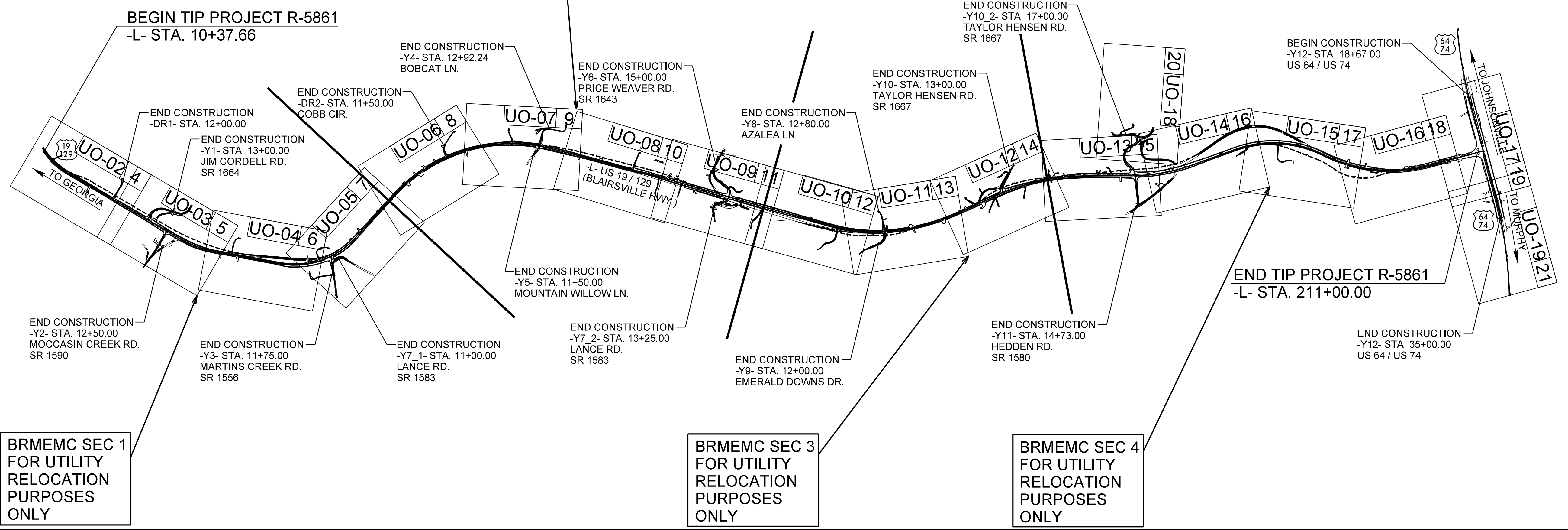
**UTILITIES BY OTHERS PLANS
 CHEROKEE COUNTY**

LOCATION: WIDENING US 19 /129 FROM THE GEORGIA STATE LINE TO US 64 /74.

**TYPE OF WORK: AERIAL POWER AND COMMUNICATION,
 UNDERGROUND COMMUNICATIONS**



TIP PROJECT: R-5861



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-01	TITLE SHEET
UO-02 THRU UO-19	UBO PLAN SHEETS

- UTILITY OWNERS WITH CONFLICTS**
- (A) BLUE RIDGE MOUNTAIN EMC - POWER (D)
 - (B) TVA TRANSMISSION - POWER (T)
 - (C) FRONTIER COMMUNICATIONS - TELECOMMUNICATIONS
 - (D) BALSAM WEST COMMUNICATIONS - FIBER OPTIC
 - (E) MURPHY CABLE - CATV
 - (F) TOWN OF MURPHY - WATER & SEWER

PREPARED IN THE OFFICE OF:

1919 878-8600
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

**DIVISION OF HIGHWAYS
 DIVISION 14**
 253 WEBSTER ROAD
 SYLVIA, NC 28779

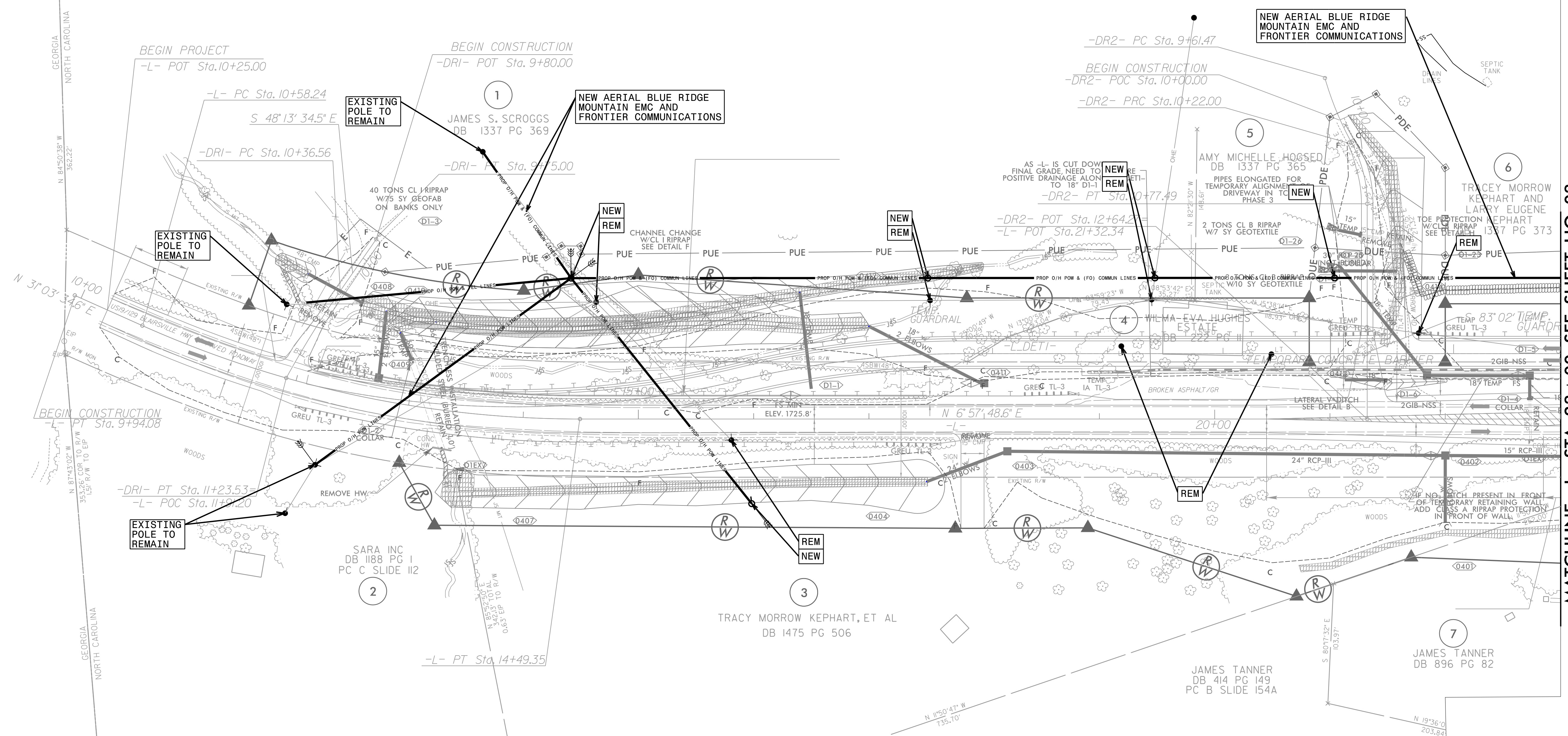
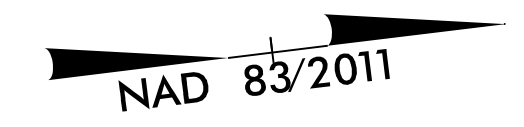
Richy Narron UTILITY PROJECT MANAGER
Mark Lawson PROJECT UTILITY COORDINATOR
Mark Lawson PROJECT UTILITY CADD

Bob Golding DIVISION CONTACT #1
Lynn Kieselhorst DIVISION CONTACT #2
Kenneth (Mac) McDowell DIVISION CONTACT #3
Barry Mosteller DIVISION CONTACT #4

9/21/2023 \\gd.rkk.com\fs\Cloud\Projects\2015\15077_NCWestLSA\01_R5861\Design\Utilities\Engineering\UBO\Proj\R5861\ut_tsh_U001_psh.dgn

UTILITIES BY OTHERS

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. 23+00 SEE SHEET UO-03

- NOTE:**
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

UTILITY OWNERS ON THIS SHEET

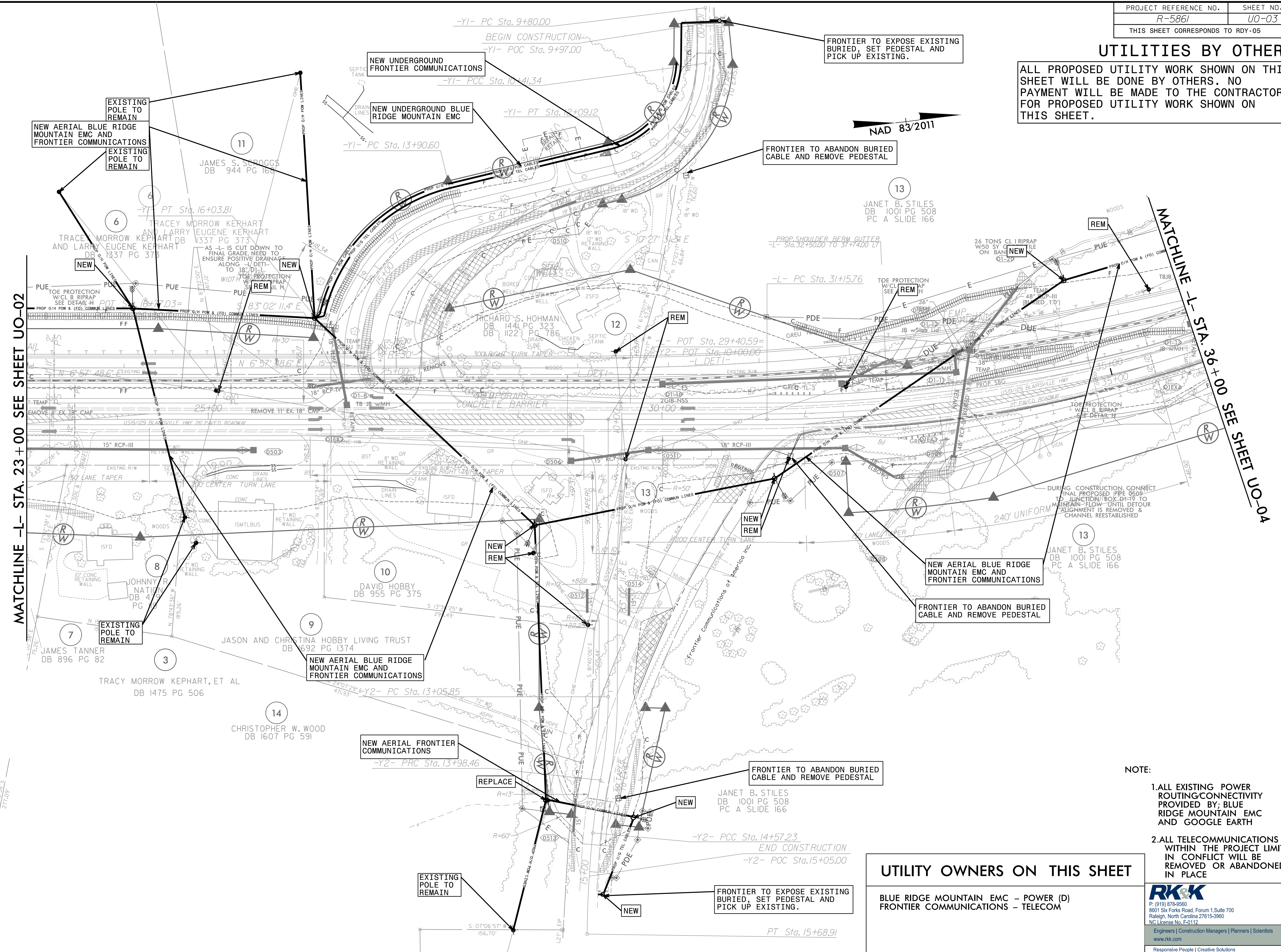
BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

P: (919) 878-9560
8601 Six Forks Road, Forum 1, Suite 700
Raleigh, North Carolina 27615-3960
NC License No. F-0112
Engineers | Construction Managers | Planners | Scientists
www.rkk.com
Responsive People | Creative Solutions

8/2/2023 8:17/99 R:\Cloud\Projects\2015\15077_NCWest\Utilities\Engineering\UB01_P5861\Design\Utilities\UB01_P5861_U02_psh.dgn

UTILITIES BY OTHERS

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.



UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

- NOTE:
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

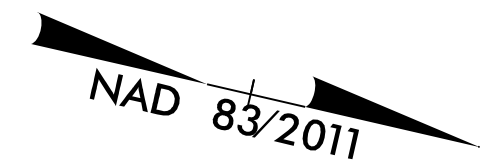
RKK
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/17/99
 R:\2023\Projects\2015\15077_NCWestL_SA\101_R5861\Design\Utilities\Engineering\UB01\Proj_R5861_U003_psh.dgn
 8/2/2023
 R:\2023\Projects\2015\15077_NCWestL_SA\101_R5861\Design\Utilities\Engineering\UB01\Proj_R5861_U003_psh.dgn
 8/2/2023

UTILITIES BY OTHERS

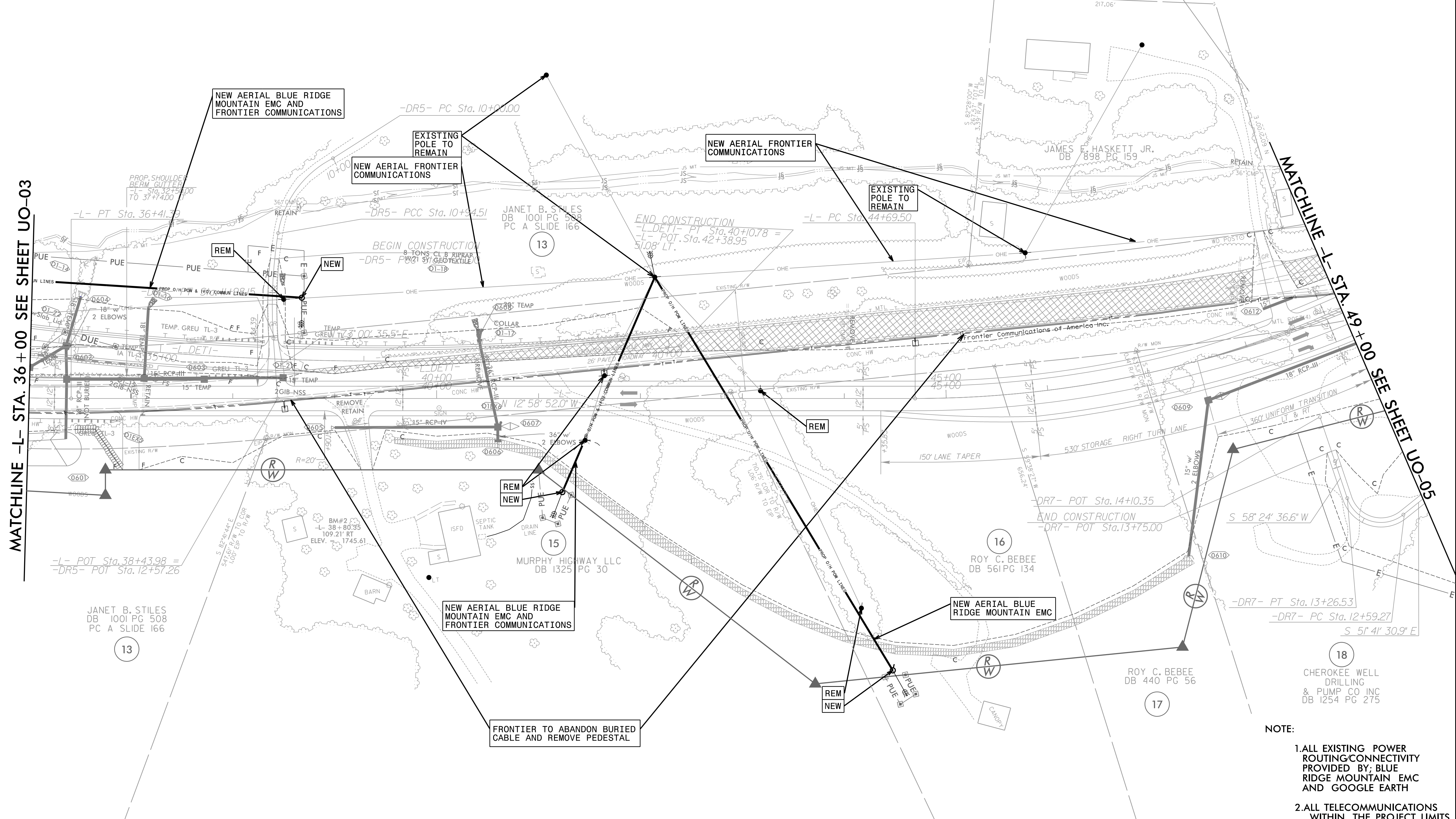
23
 SUELLEN CHA
 DB 1717 PG 8
 N 10°36'00" W
 217.06'

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. 36+00 SEE SHEET UO-03

MATCHLINE -L- STA. 49+00 SEE SHEET UO-05



UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
 FRONTIER COMMUNICATIONS - TELECOM

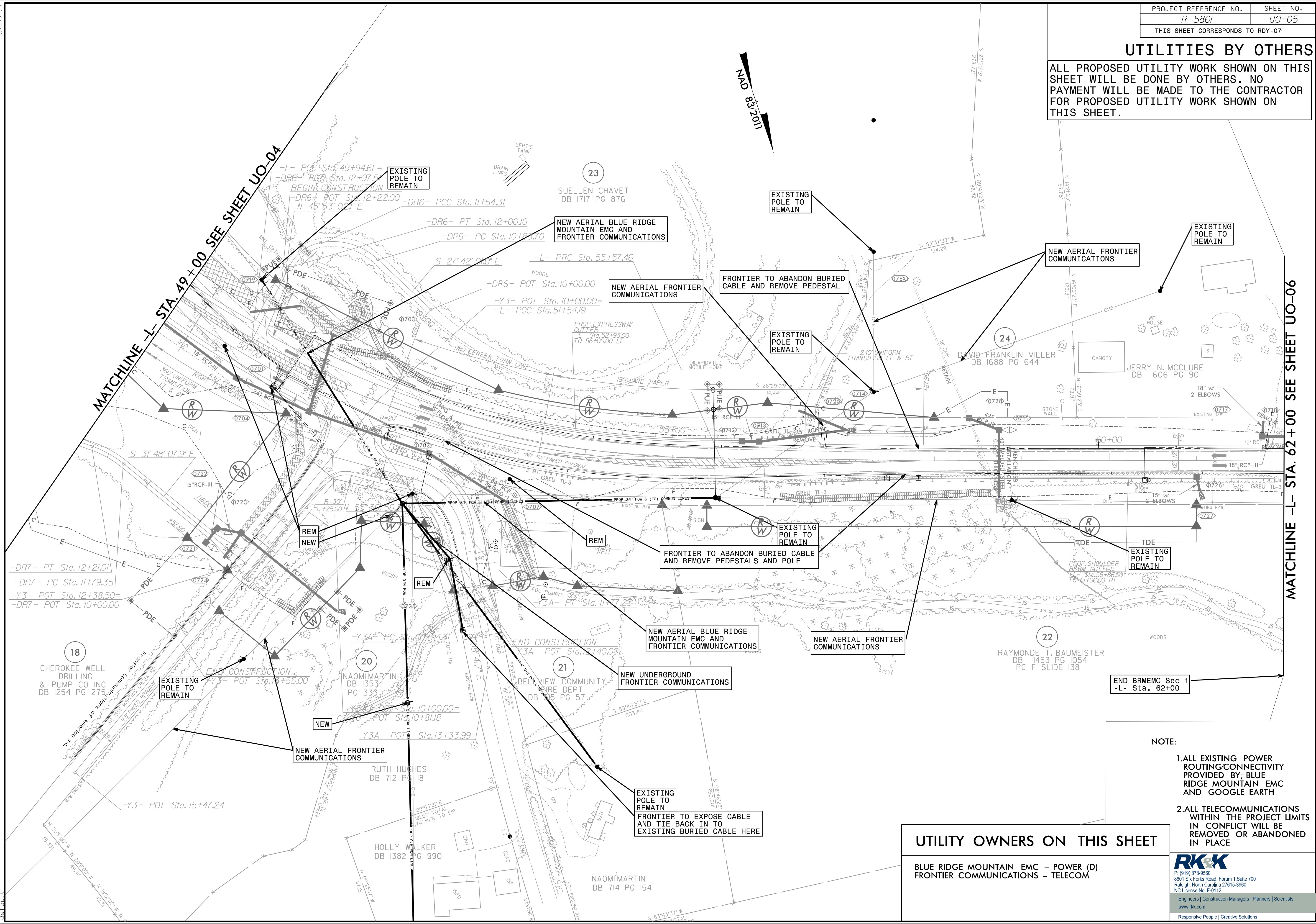
- NOTE:
- ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 - ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

RK&K
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/17/99
 R:\2023\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UB01\Projects\15077_NCWest\SA\101_R5861\ut_Raj06_U004_psh.dgn
 8/2/2023
 raj06

UTILITIES BY OTHERS

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. 49+00 SEE SHEET UO-04

MATCHLINE -L- STA. 62+00 SEE SHEET UO-06

- NOTE:
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY: BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

UTILITY OWNERS ON THIS SHEET

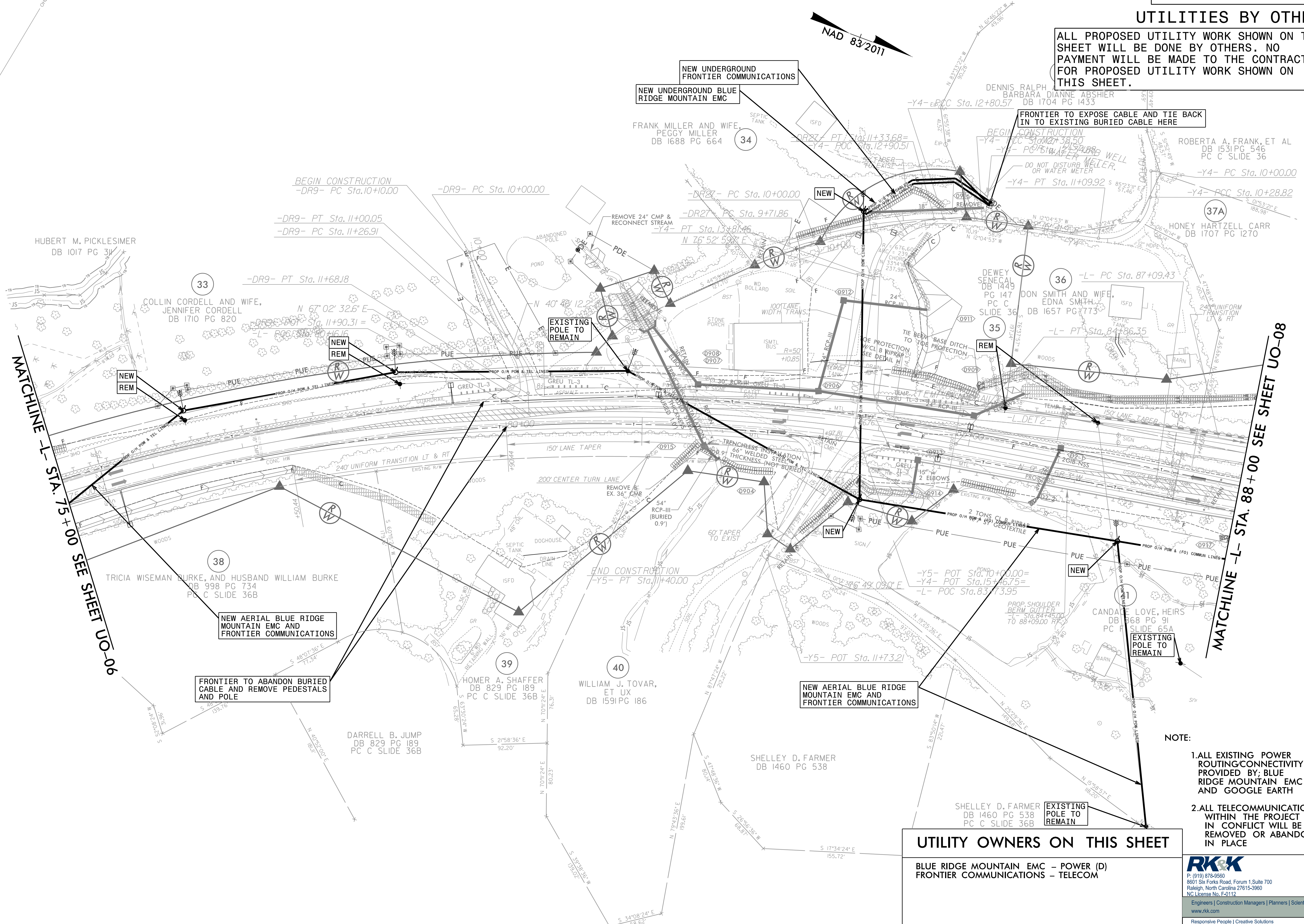
BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

RK&K
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/17/99
 R:\2023\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\UB0\ProJ\R5861_Ut_Rdy07_U005_psh.dgn
 8/2/2023

UTILITIES BY OTHERS

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. 75+00 SEE SHEET UO-06

MATCHLINE -L- STA. 88+00 SEE SHEET UO-08

UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

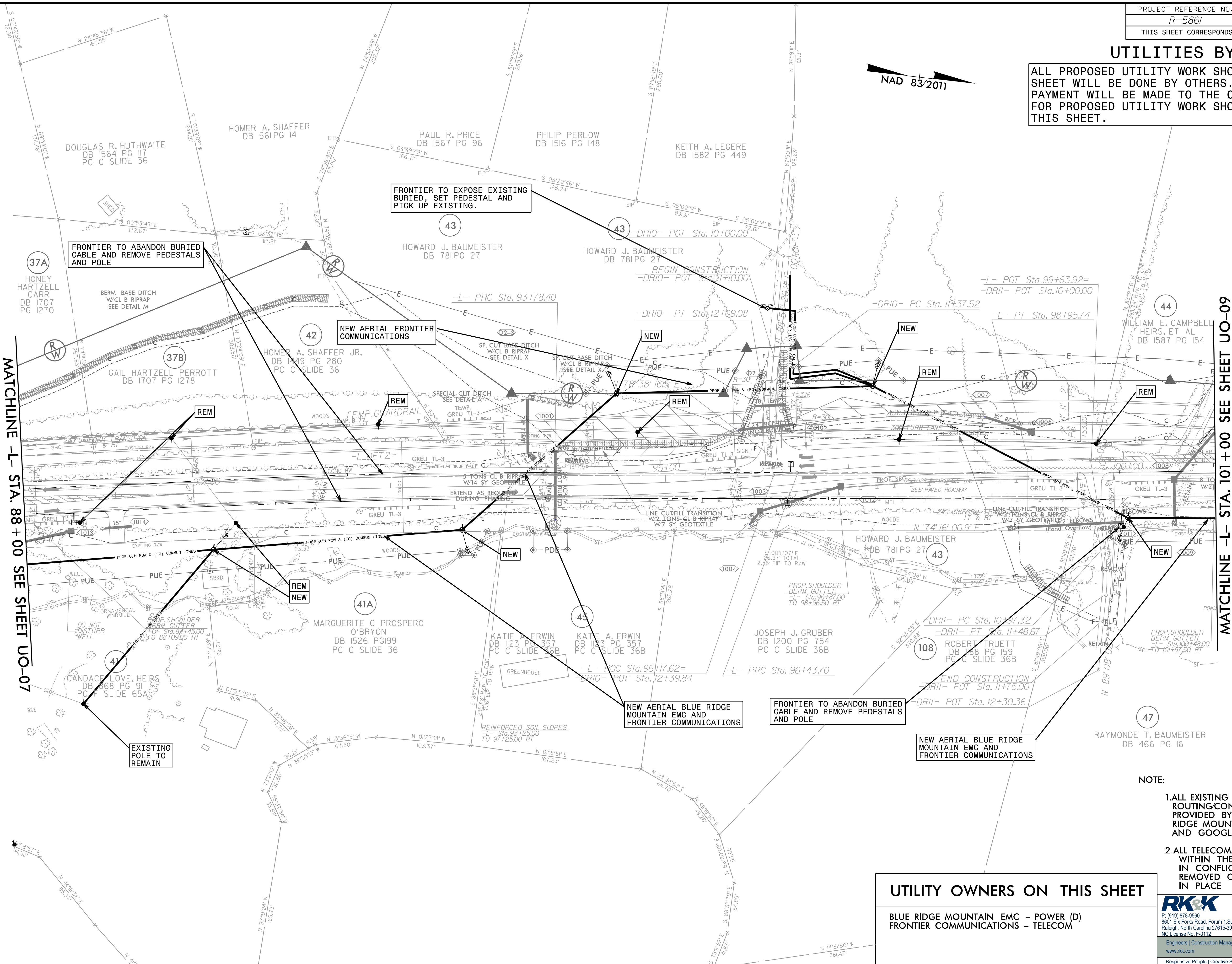
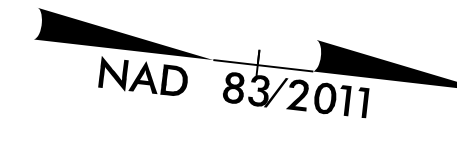
- NOTE:
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY: BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

RK&K
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/2/2023 8:17/99 R:\Cloud\Projects\2015\15077_NCWest\SA\01_R5861\Design\Utilities\Engineering\UB0\Prj\05861_Ut_Rd\09_U007_psh.dgn

UTILITIES BY OTHERS

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. 88 + 00 SEE SHEET UO-07

MATCHLINE -L- STA. 101 + 00 SEE SHEET UO-09

UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

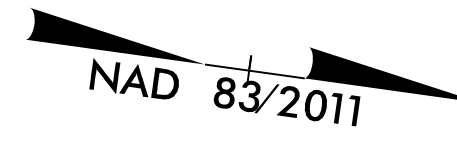
- NOTE:
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/17/2023
 R:\2023\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UB0\Prj_r5861_U008.psdgn
 def.plt

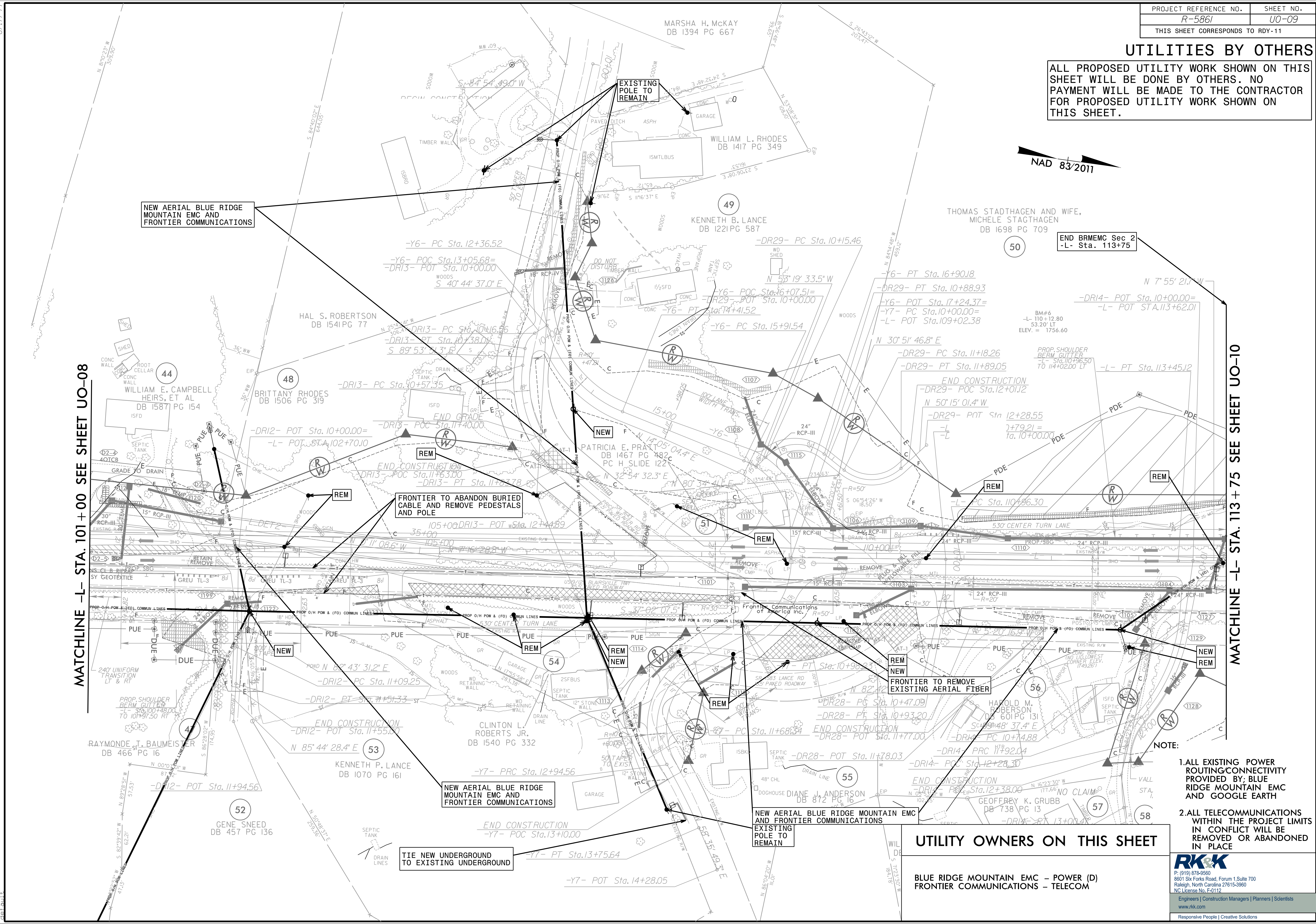
UTILITIES BY OTHERS

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. 101+00 SEE SHEET UO-08

MATCHLINE -L- STA. 113+75 SEE SHEET UO-10



UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

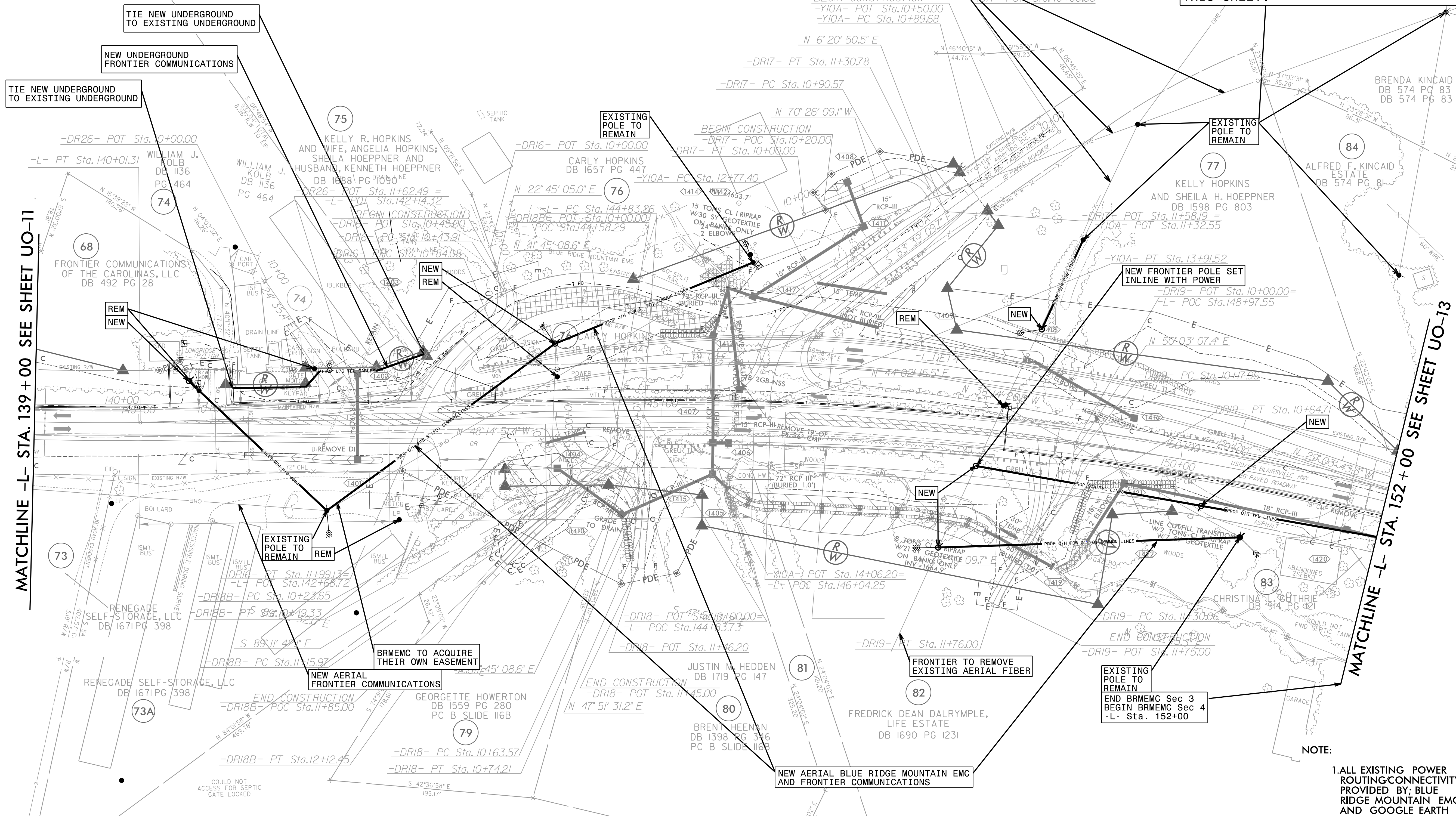
- NOTE:
- ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 - ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

RK&K
P: (919) 878-9560
8601 Six Forks Road, Forum 1, Suite 700
Raleigh, North Carolina 27615-3960
NC License No. F-0112
Engineers | Construction Managers | Planners | Scientists
www.rkk.com
Responsive People | Creative Solutions

8/2/2023 8:17/99 R:\2023\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UBO\Pro\R5861_Ut_Rdu11_UO09_psh.dgn

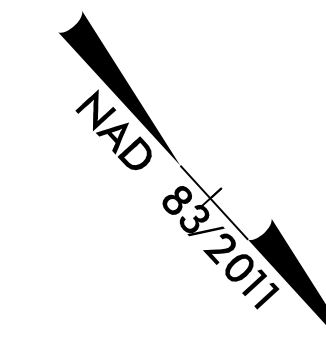
UTILITIES BY OTHERS

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. 139+00 SEE SHEET UO-11

MATCHLINE -L- STA. 152+00 SEE SHEET UO-13



UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

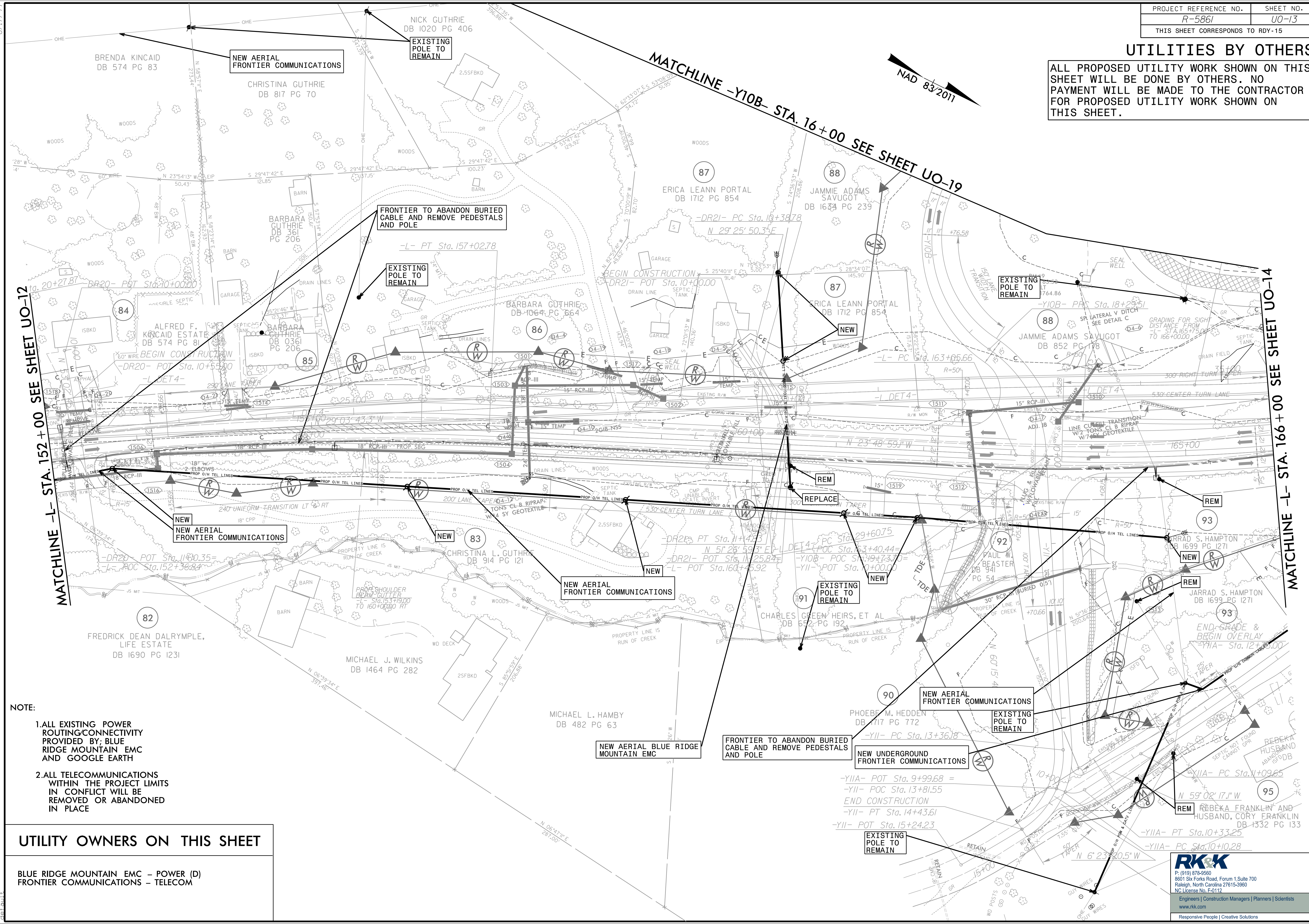
- NOTE:
- ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 - ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

RK&K
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/3/2023 8:17/99 R:\cadd\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UB0\Proja_R5861_U012.psh.dgn

UTILITIES BY OTHERS

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:**
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

UTILITY OWNERS ON THIS SHEET

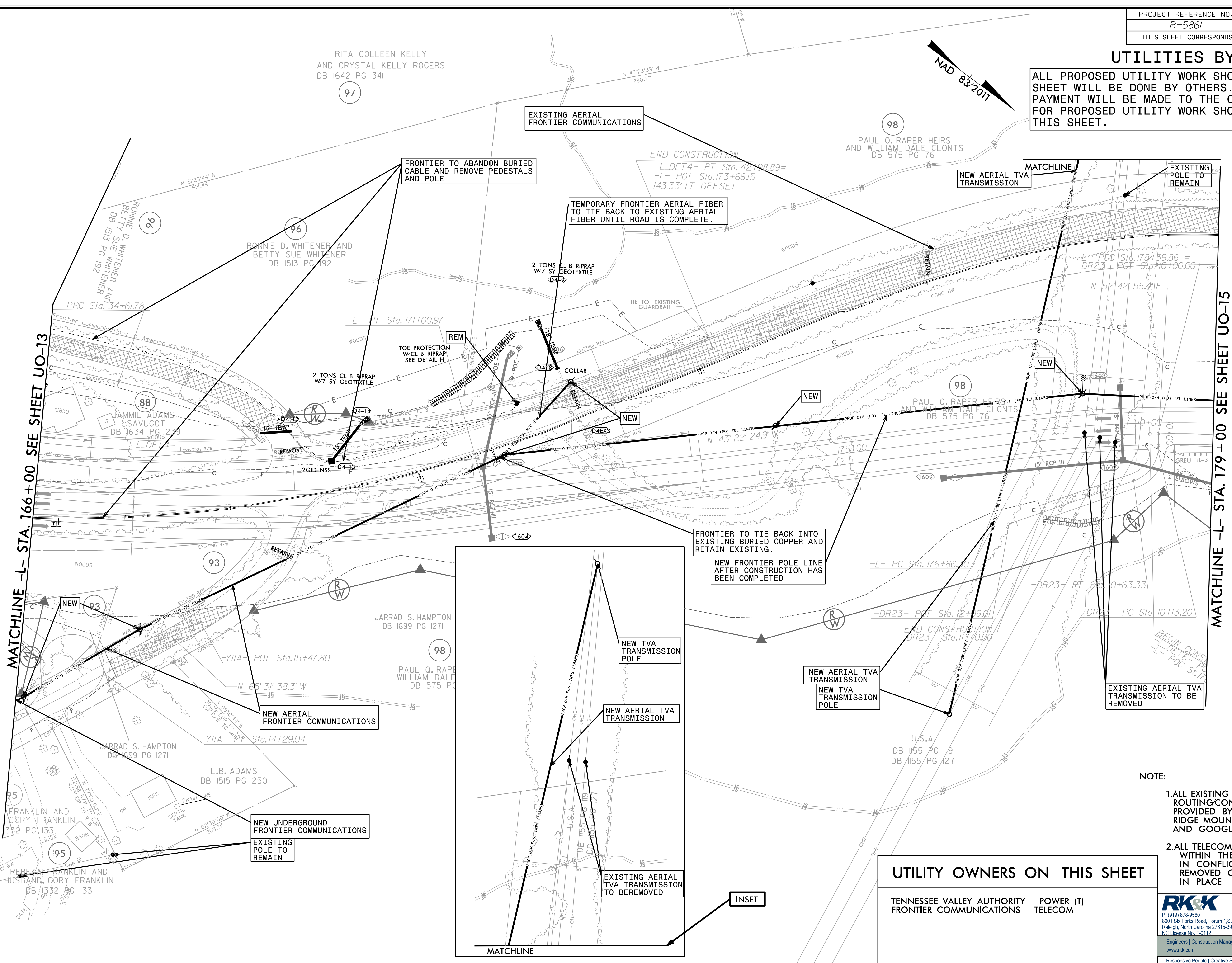
BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

RK&K
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rk.com
 Responsive People | Creative Solutions

9/21/2023
 C:\Users\jgiles\OneDrive\Documents\Projects\2015\15077_NCWest\15011_R5861\Design\Utilities\Engineering\UB0\Prj\U013_psh.dgn
 8/17/99

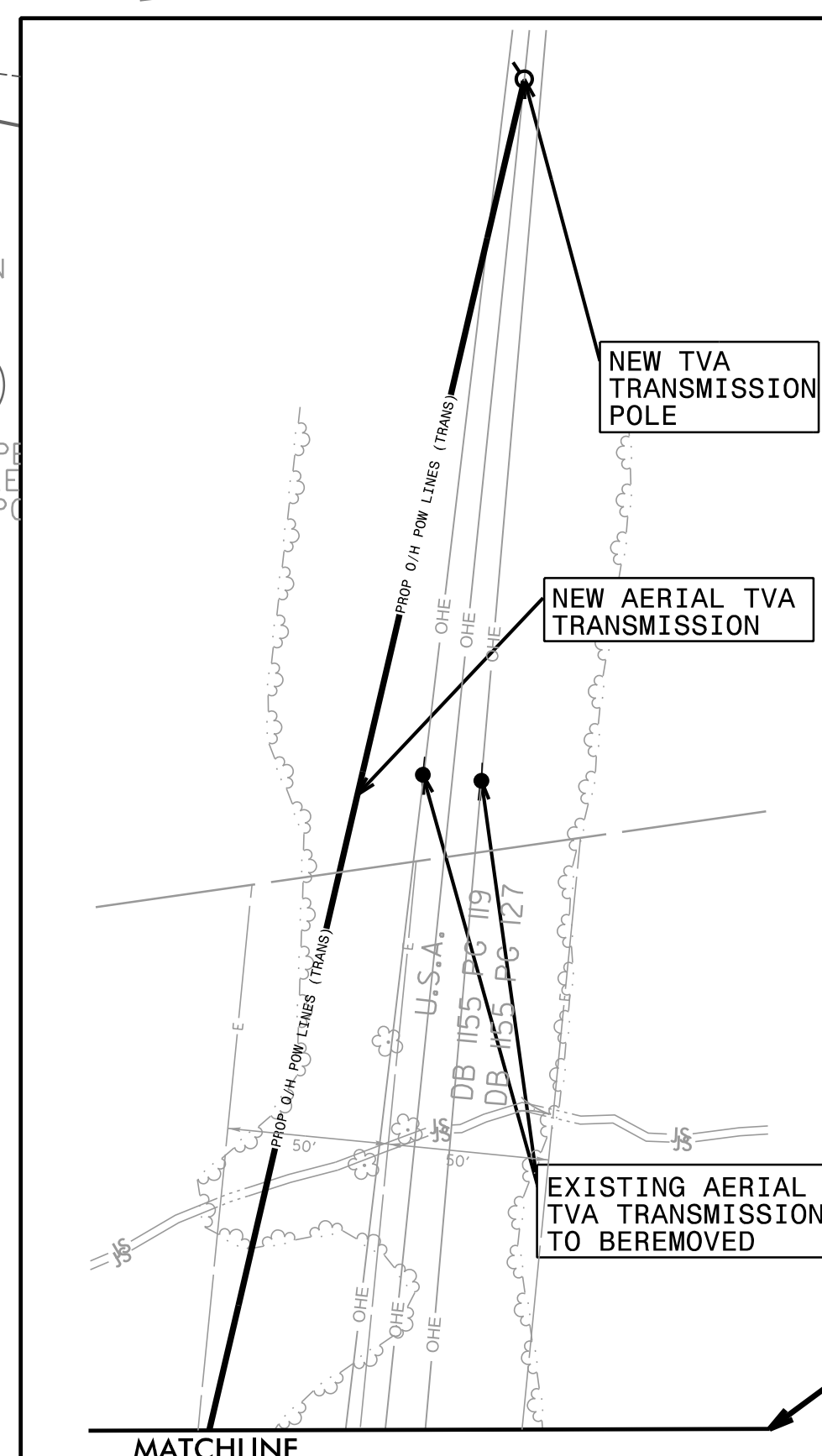
UTILITIES BY OTHERS

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. 179 + 00 SEE SHEET UO-15

MATCHLINE -L- STA. 166 + 00 SEE SHEET UO-13



UTILITY OWNERS ON THIS SHEET

TENNESSEE VALLEY AUTHORITY - POWER (T)
FRONTIER COMMUNICATIONS - TELECOM

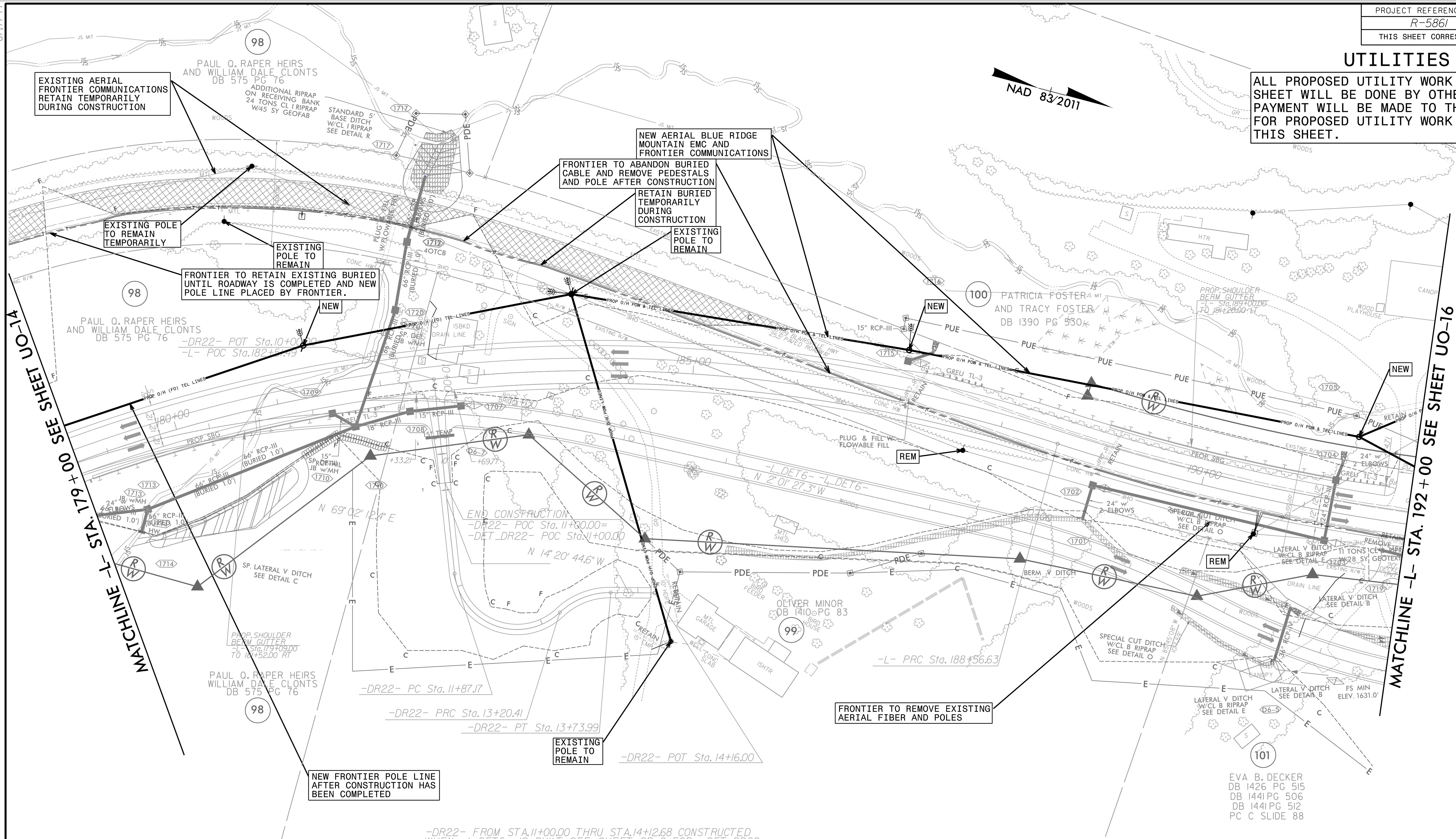
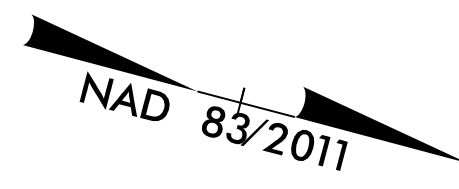
- NOTE:
- ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY: BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 - ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

RKK
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/17/2023 8:34:44 AM C:\cloud\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UB0\Prj\05861_U014_psh.edgn

UTILITIES BY OTHERS

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. 179+00 SEE SHEET UO-14

MATCHLINE -L- STA. 192+00 SEE SHEET UO-16

FRONTIER TO REMOVE EXISTING AERIAL FIBER AND POLES

EXISTING AERIAL FRONTIER COMMUNICATIONS RETAIN TEMPORARILY DURING CONSTRUCTION

FRONTIER TO ABANDON BURIED CABLE AND REMOVE PEDESTALS AND POLE AFTER CONSTRUCTION

RETAIN BURIED TEMPORARILY DURING CONSTRUCTION

EXISTING POLE TO REMAIN

EXISTING POLE TO REMAIN TEMPORARILY

EXISTING POLE TO REMAIN

FRONTIER TO RETAIN EXISTING BURIED UNTIL ROADWAY IS COMPLETED AND NEW POLE LINE PLACED BY FRONTIER.

NEW FRONTIER POLE LINE AFTER CONSTRUCTION HAS BEEN COMPLETED

-DR22- FROM STA.11+00.00 THRU STA.14+2.68 CONSTRUCTED WHEN -L-DET6- IS BUILT SEE SHEET 2B-9 FOR -DET_DR22- ALIGNMENT AND DRAINAGE.

- NOTE:
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY; BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

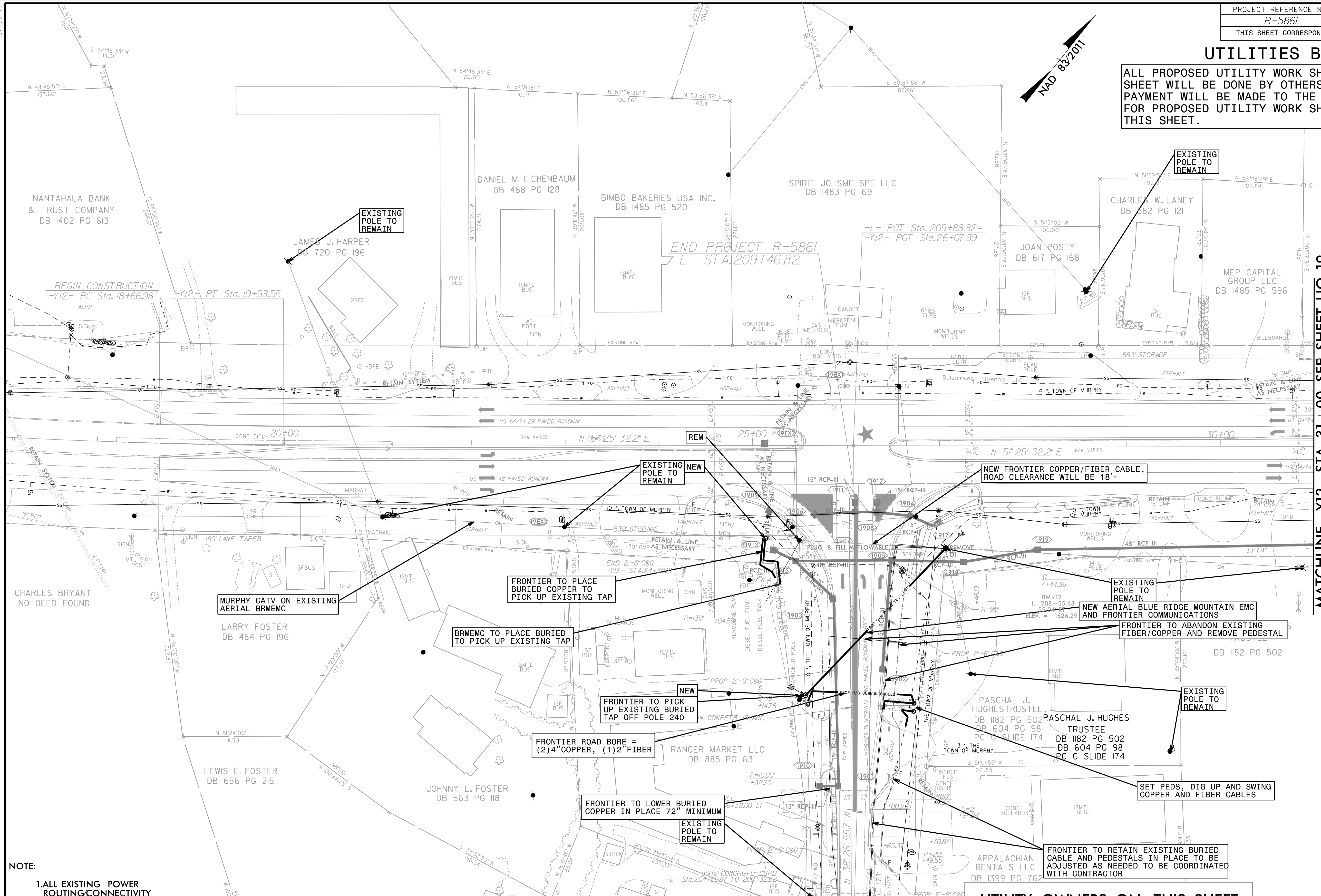
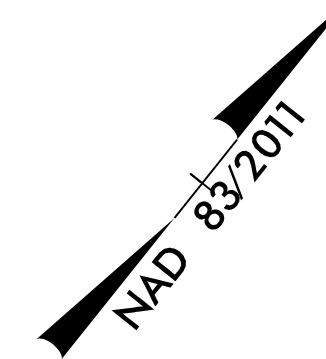
UTILITY OWNERS ON THIS SHEET

BLUE RIDGE MOUNTAIN EMC - POWER (D)
FRONTIER COMMUNICATIONS - TELECOM

8/3/2023 8:34:44 AM C:\cloud\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UB0N\Proj\5861\U015.psh.vgdg

UTILITIES BY OTHERS

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 -Y12- STA. 31+00 SEE SHEET UO-19

MATCHLINE -L-
STA. 205+00 SEE SHEET UO-16

UTILITY OWNERS ON THIS SHEET

- BLUE RIDGE MOUNTAIN EMC - POWER (D)
- BALSAM WEST - CATV
- MURPHY CABLE - CATV
- FRONTIER COMMUNICATIONS - TELECOM
- TOWN OF MURPHY - WATER & SEWER

- NOTE:**
1. ALL EXISTING POWER ROUTING/CONNECTIVITY PROVIDED BY: BLUE RIDGE MOUNTAIN EMC AND GOOGLE EARTH
 2. ALL TELECOMMUNICATIONS WITHIN THE PROJECT LIMITS IN CONFLICT WILL BE REMOVED OR ABANDONED IN PLACE

P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

8/17/19
 8/3/2023
 C:\Users\jgarcia\OneDrive\Documents\Projects\2015\15077_NCWest\SA\101_R5861\Design\Utilities\Engineering\UB0\Proja\R5861_U017_19sh.dgn

