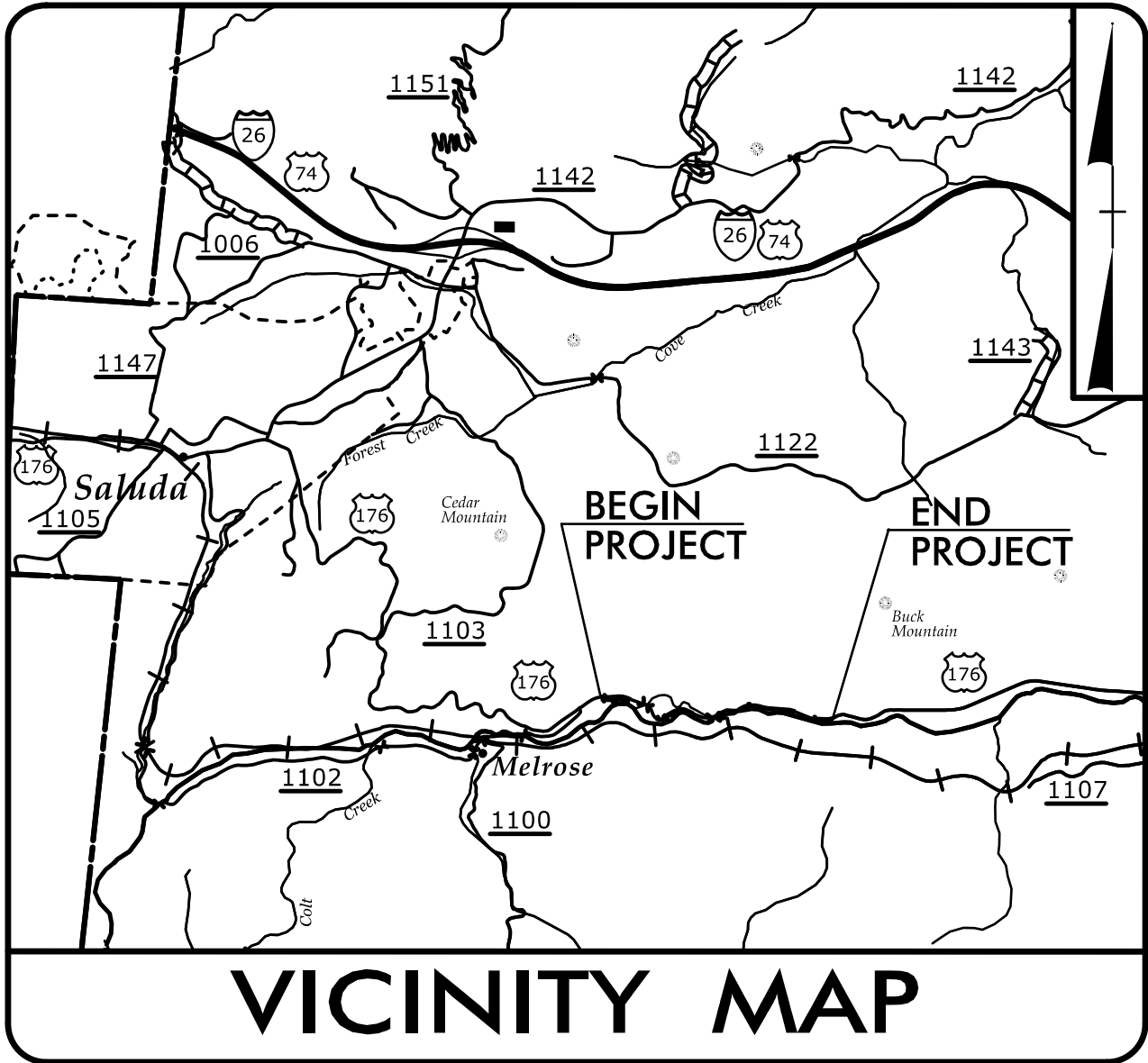
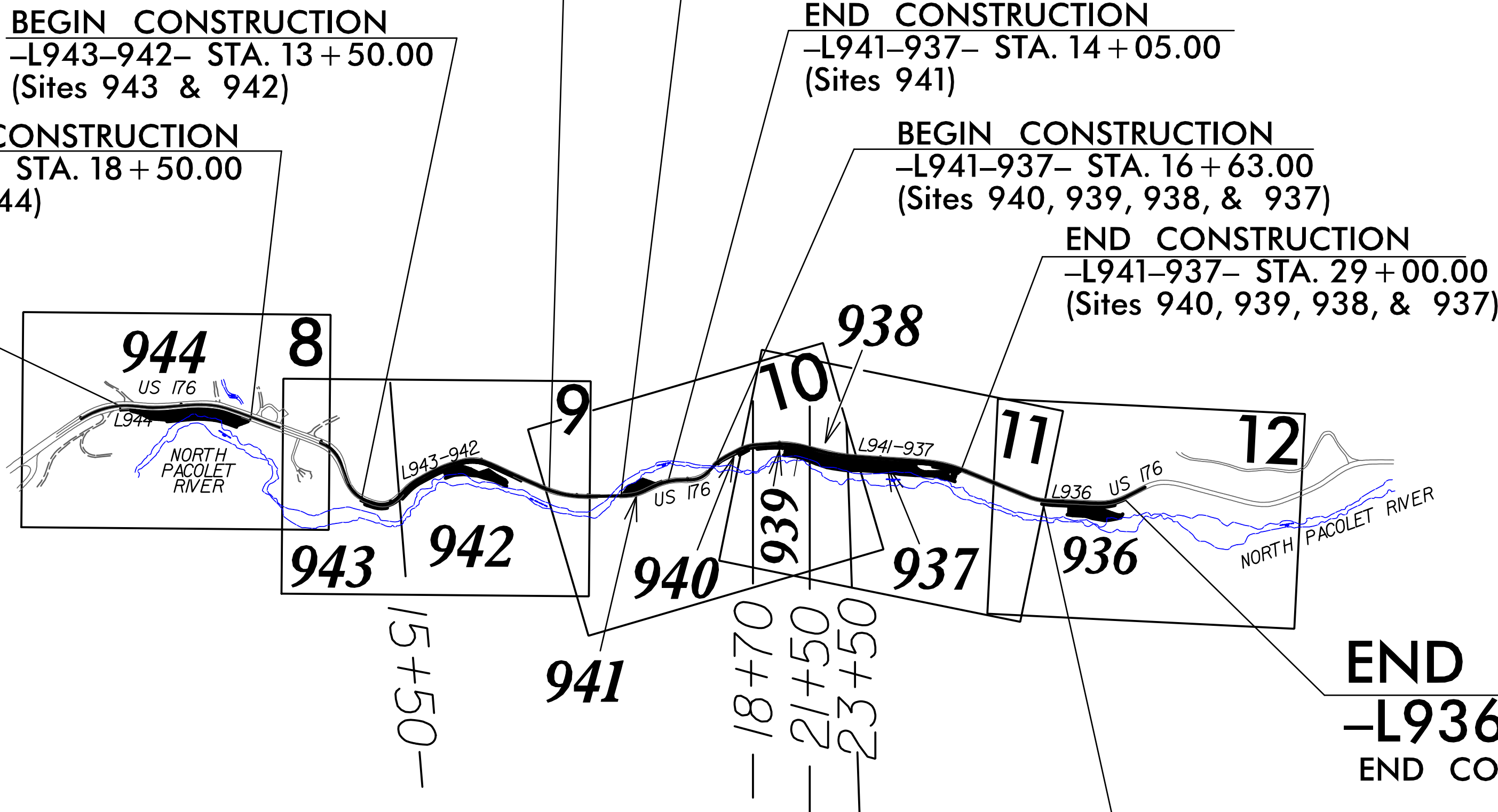


09/08/2011

PROJECT: W03293



**BEGIN PROJECT W03293**  
**-L944- STA. 12 + 00.00**  
BEGIN CONSTRUCTION (SITE 944)



**END PROJECT W03293**  
**-L936- STA. 18 + 00.00**  
END CONSTRUCTION (SITE 936)

**PART II**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS**  
**POLK COUNTY**

**LOCATION: US 176**

**TYPE OF WORK: DISTRIBUTION POWER & COMMUNICATIONS**

**END CONSTRUCTION**  
**-L943-942- STA. 23 + 62.00**  
(Sites 943 & 942)

**BEGIN CONSTRUCTION**  
**-L941-937- STA. 11 + 62.07**  
(Site 941)

**BEGIN CONSTRUCTION**  
**-L943-942- STA. 13 + 50.00**  
(Sites 943 & 942)

**END CONSTRUCTION**  
**-L941-937- STA. 14 + 05.00**  
(Sites 941)

**END CONSTRUCTION**  
**-L944- STA. 18 + 50.00**  
(Site 944)

**BEGIN CONSTRUCTION**  
**-L941-937- STA. 16 + 63.00**  
(Sites 940, 939, 938, & 937)

**END CONSTRUCTION**  
**-L941-937- STA. 29 + 00.00**  
(Sites 940, 939, 938, & 937)

**BEGIN CONSTRUCTION**  
**-L936- STA. 14 + 00.00**  
(Site 936)

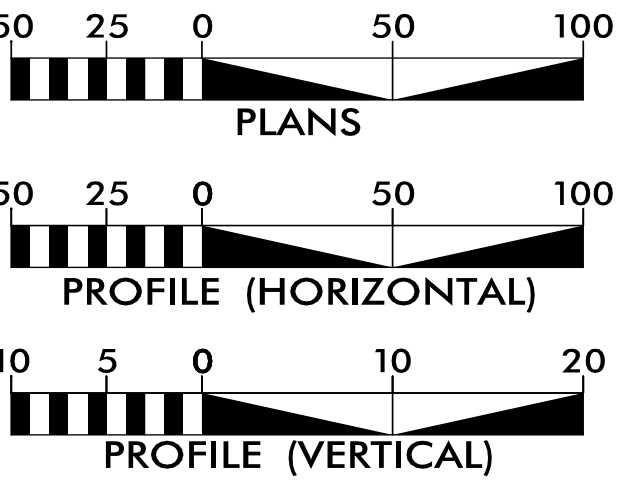
| T.I.P. NO. | SHEET NO. |
|------------|-----------|
| W03293     | UO-1      |

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 PROJ. NO. | DESCRIPTION |
|-----------------|-------------|
| 18314.1075015   | 936         |
| 18314.1075016   | 937         |
| 18314.1075017   | 938         |
| 18314.1075018   | 939         |
| 18314.1075019   | 940         |
| 18314.1075035   | 941         |
| 18314.1075020   | 942         |
| 18314.1075021   | 943         |
| 18314.1075022   | 944         |



**GRAPHIC SCALES**



**INDEX OF SHEETS**

| SHEET NO.:      | DESCRIPTION:    |
|-----------------|-----------------|
| UO-1            | TITLE SHEET     |
| UO-2            | SYMBOLGY SHEET  |
| UO-8 THRU UO-12 | UBO PLAN SHEETS |

**UTILITY OWNERS WITH CONFLICTS**

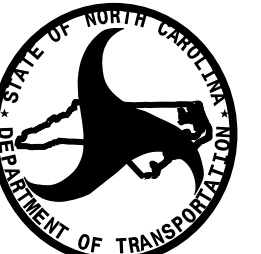
- (A) POWER - DUKE ENERGY
- (A) COMMUNICATIONS - MCNC
- (C) COMMUNICATIONS - DUKE FIBER
- (D) COMMUNICATIONS - RIVERSTREET

PREPARED IN THE OFFICE OF:



**TELICS**  
1598 WESTBROOK PLAZA DR.  
SUITE 202  
WINSTON-SALEM, NC 27103  
(336) 705-8844

**CORY WOOD** UTILITY PROJECT MANAGER  
**CORY WOOD** PROJECT UTILITY COORDINATOR



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

**BOB GOLDING** DIVISION UTILITY ENGINEER  
**ROBERT DYER** ASST. DIVISION UTILITY ENGINEER

## 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.

NAD 83/2011

EXISTING DUKE,  
MCNC & RIVERSTREET

DUKE ENERGY  
POLE RETAINED

-L944- PC 10+00.00

PARTIALLY GROUTED ROCK  
EMBANKMENT  
-L944- 12+50 TO 18+50, RT  
SEE SHEETS W-1 THRU W-5

PROP. SHOULDER BERM GUTTER  
-L944- STA. 12+50.00 TO 18+00.00 RT

ROCK EMBANKMENT WITH  
MICROPILE KNEE WALL  
-L944- 14+25 TO 18+00, RT  
SEE SHEETS W-1 THRU W-5

EXISTING AERIAL  
DUKE REMOVED

-L944- PCC 16+70.09

-L944- PT 17+42.99

BENJAMIN C. TAYLOR  
CHRISTINE M. TAYLOR  
DB 461 PG 1702  
PB E PG 1178

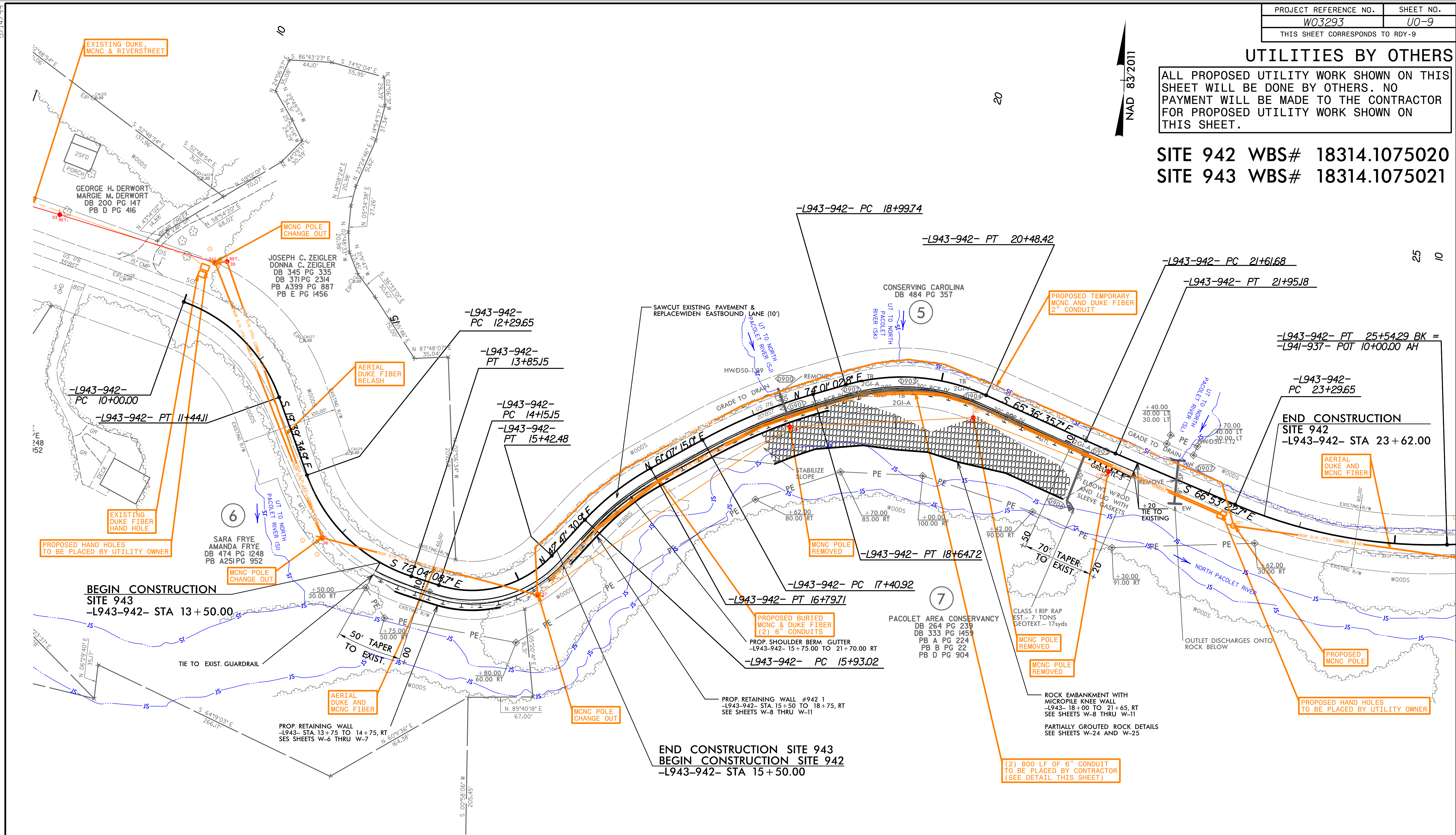
FSQUARE, LLC  
DB 464 PG 1752  
PB E PG 1178

15  
SARA FRYE  
AMANDA FRYE  
DB 474 PG 1248  
PB A251PG 952

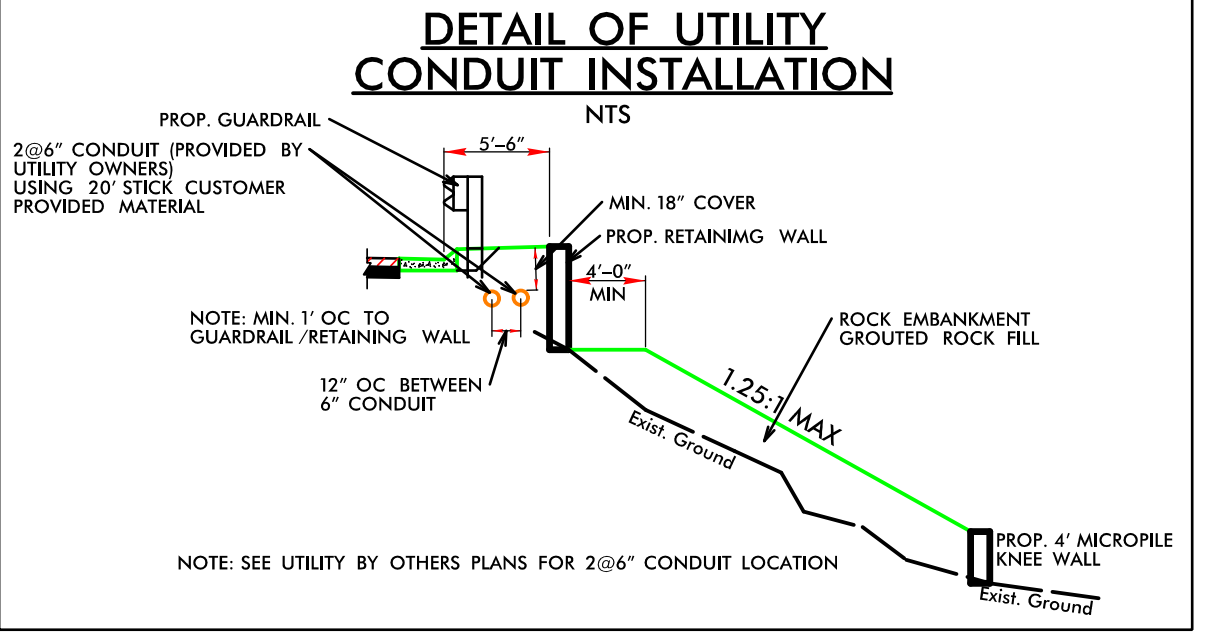
UTILITIES BY OTHERS

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.

SITE 942 WBS# 18314.1075020  
SITE 943 WBS# 18314.1075021



| -L943-942- CURVE DATA                                                                                                     |                                                                                                                           |                                                                                                                           |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PI Sta 10+77.14<br>Δ = 50° 39' 16.3" (RT)<br>D = 35° 09' 02.8"<br>L = 144.11'<br>T = 77.14'<br>R = 163.00'                | PI Sta 13+13.32<br>Δ = 52° 24' 33.7" (LT)<br>D = 33° 42' 12.2"<br>L = 155.50'<br>T = 83.67'<br>R = 170.00'<br>SE = EXIST. | PI Sta 14+86.69<br>Δ = 65° 08' 20.4" (LT)<br>D = 51° 09' 25.0"<br>L = 127.33'<br>T = 71.54'<br>R = 112.00'<br>SE = EXIST. | PI Sta 16+36.74<br>Δ = 18° 19' 44.1" (RT)<br>D = 21° 08' 32.5"<br>L = 86.69'<br>T = 43.72'<br>R = 271.00'<br>SE = EXIST. |
| PI Sta 18+03.09<br>Δ = 12° 53' 47.9" (RT)<br>D = 10° 25' 02.7"<br>L = 123.80'<br>T = 62.16'<br>R = 550.00'<br>SE = EXIST. | PI Sta 19+77.31<br>Δ = 40° 22' 21.5" (RT)<br>D = 27° 09' 15.8"<br>L = 148.68'<br>T = 77.58'<br>R = 211.00'<br>SE = EXIST. | PI Sta 21+78.43<br>Δ = 1° 16' 47.0" (LT)<br>D = 3° 49' 11.0"<br>L = 33.50'<br>T = 16.75'<br>R = 1,500.00'<br>SE = EXIST.  | PI Sta 24+43.75<br>Δ = 24° 45' 07.9" (LT)<br>D = 11° 01' 06.3"<br>L = 224.64'<br>T = 114.10'<br>R = 520.00'              |

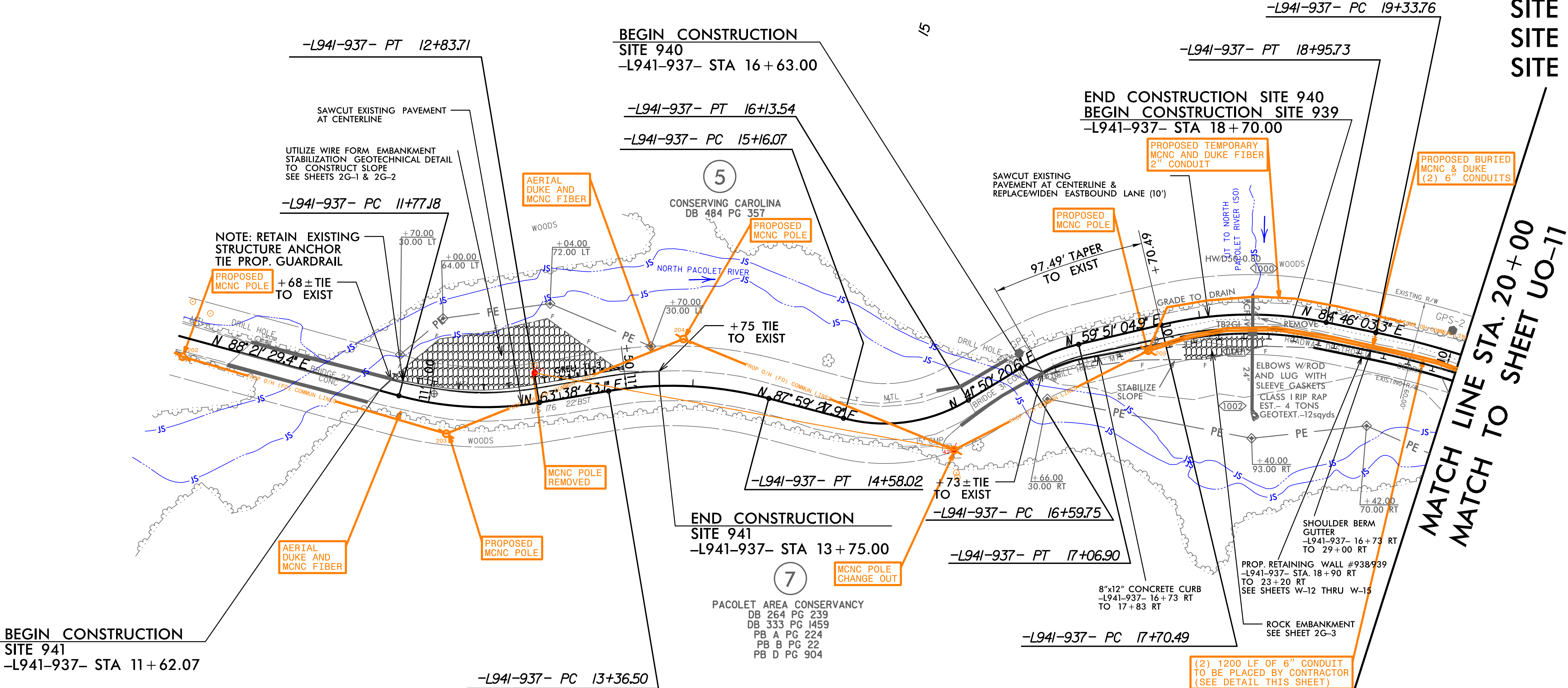


|                                  |           |
|----------------------------------|-----------|
| PROJECT REFERENCE NO.            | SHEET NO. |
| W03293                           | U0-10     |
| THIS SHEET CORRESPONDS TO RDY-10 |           |

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.

SITE 939 WBS# 18314.1075018  
SITE 940 WBS# 18314.1075019  
SITE 941 WBS# 18314.1075035



MATCH LINE STA. 20+00  
MATCH TO SHEET UO-11



**-L943-942- CURVE DATA**

|                        |
|------------------------|
| PI Sta 24+43.75        |
| Δ = 24° 45' 07.9" (LT) |
| D = 11° 01' 06.3"      |
| L = 224.64'            |
| T = 114.10'            |
| R = 520.00'            |

**-L941-937- CURVE DATA**

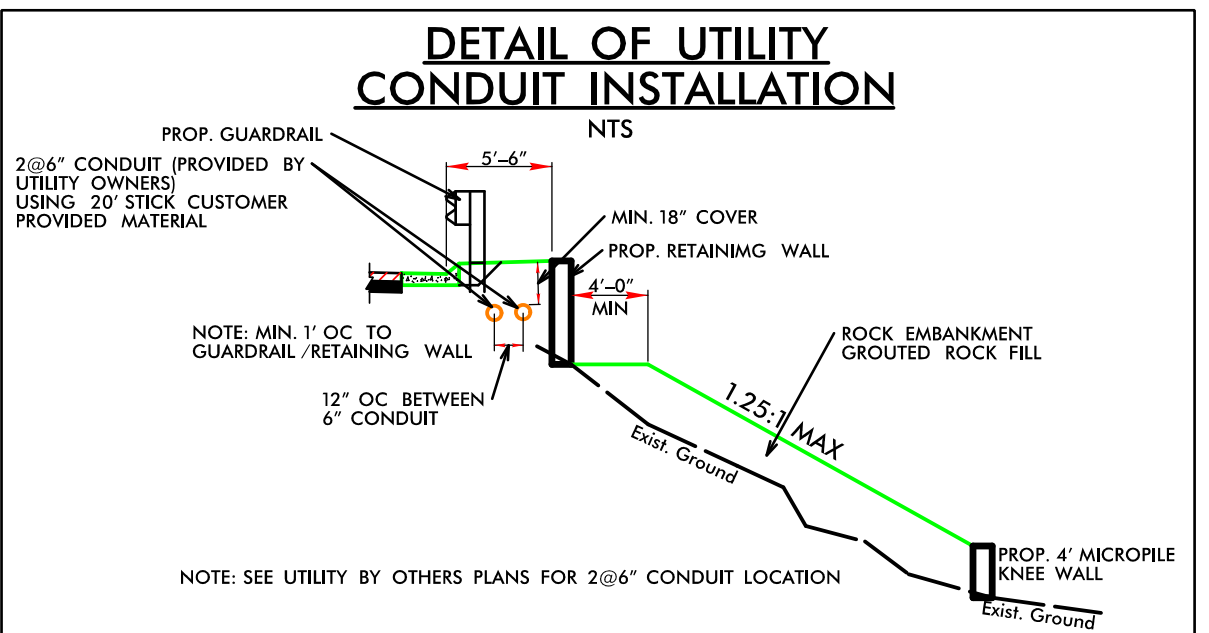
|                        |                        |
|------------------------|------------------------|
| PI Sta 12+31.29        | PI Sta 13+98.19        |
| Δ = 24° 42' 46.3" (LT) | Δ = 24° 20' 44.8" (RT) |
| D = 23° 11' 48.0"      | D = 20° 02' 00.6"      |
| L = 106.54'            | L = 121.53'            |
| T = 54.11'             | T = 61.69'             |
| R = 247.00'            | R = 286.00'            |
| SE = EXIST.            |                        |

**-L941-937- CURVE DATA**

|                        |                        |
|------------------------|------------------------|
| PI Sta 15+67.62        | PI Sta 16+83.52        |
| Δ = 46° 09' 07.3" (LT) | Δ = 18° 00' 44.3" (RT) |
| D = 47° 21' 06.8"      | D = 38° 11' 49.9"      |
| L = 97.47'             | L = 47.16'             |
| T = 51.55'             | T = 23.77'             |
| R = 121.00'            | R = 150.00'            |
| SE = EXIST.            | SE = EXIST.            |

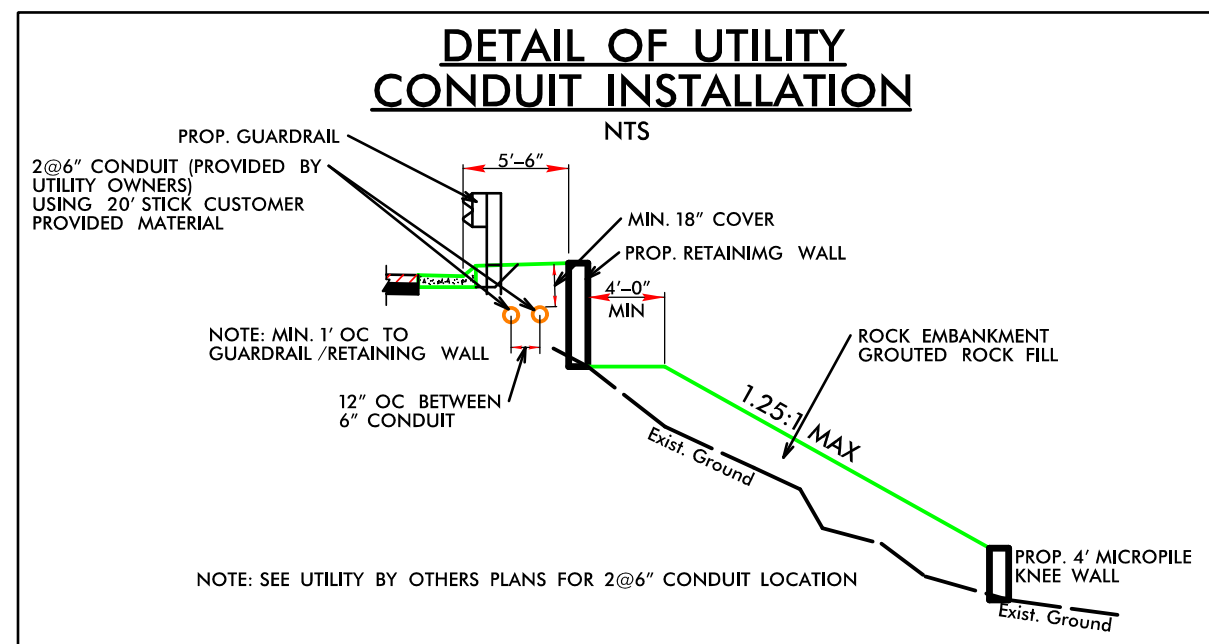
**-L941-937- CURVE DATA**

|                        |                        |
|------------------------|------------------------|
| PI Sta 18+34.11        | PI Sta 20+52.71        |
| Δ = 24° 54' 58.4" (RT) | Δ = 21° 33' 01.3" (RT) |
| D = 19° 53' 39.7"      | D = 9° 10' 02.4"       |
| L = 125.24'            | L = 235.08'            |
| T = 63.63'             | T = 118.94'            |
| R = 288.00'            | R = 625.00'            |
| SE = EXIST.            | SE = EXIST.            |



## UTILITIES BY OTHERS

|          |      |               |
|----------|------|---------------|
| SITE 937 | WBS# | 18314.1075016 |
| SITE 938 | WBS# | 18314.1075017 |
| SITE 939 | WBS# | 18314.1075018 |



| PROJECT REFERENCE NO.            | SHEET NO. |
|----------------------------------|-----------|
| W03293                           | U0-12     |
| THIS SHEET CORRESPONDS TO RDY-12 |           |

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.

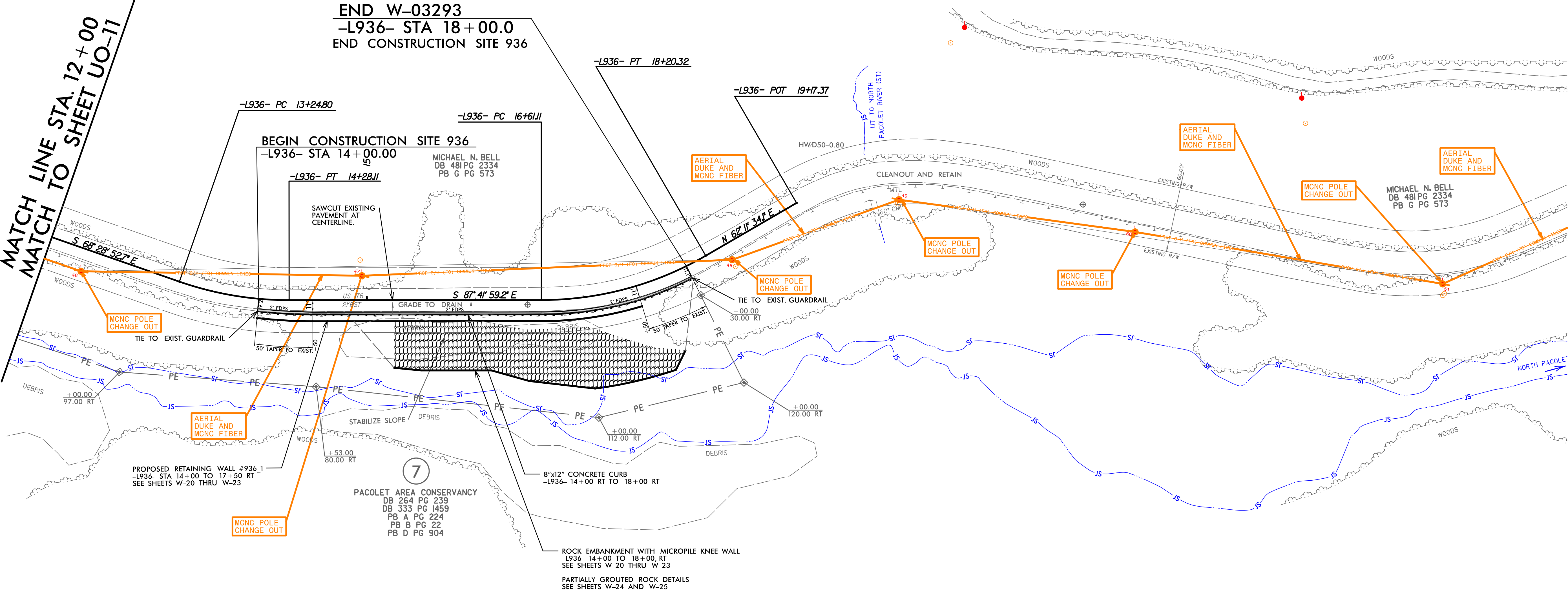
SITE 936 WBS# 18314.1075015



MATCH LINE STA. 12+00  
MATCH TO SHEET UO-11

END W-03293  
-L936- STA 18+00.0  
END CONSTRUCTION SITE 936

BEGIN CONSTRUCTION SITE 936  
-L936- STA 14+00.00  
MICHAEL N. BELL  
DB 481 PG 2334  
PB G PG 573



-L936- CURVE DATA

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| PI Sta 13+76.95                     | PI Sta 17+42.60                     |
| $\Delta = 19^{\circ}13'06.5''$ (LT) | $\Delta = 30^{\circ}08'26.7''$ (LT) |
| $D = 18^{\circ}36'09.1''$           | $D = 18^{\circ}54'34.2''$           |
| $L = 103.31'$                       | $L = 159.22'$                       |
| $T = 52.15'$                        | $T = 81.49'$                        |
| $R = 308.00'$                       | $R = 303.00'$                       |
| SE = EXIST.                         | SE = EXIST.                         |