

PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 369-7373, April 2020  
DESIGN BY Rinker Design Associates, Mark Gunn, P.E. (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060, May 2020

| Sheet No. | X                    | Cross Sections Index of Sheets    |
|-----------|----------------------|-----------------------------------|
| Sheet No. | X-1 thru X-66        | Balls Ford Road Segment 1         |
| Sheet No. | X-67 thru X-69       | Not Used                          |
| Sheet No. | X-70 thru X-87 ***   | Balls Ford Road Segment 2         |
| Sheet No. | X-88 thru X-99       | Not Used                          |
| Sheet No. | X-100 thru X-123 *** | DDI North                         |
| Sheet No. | X-124 thru X-129     | Not Used                          |
| Sheet No. | X-130 thru X-152 *** | DDI South                         |
| Sheet No. | X-153 thru X-159     | Not Used                          |
| Sheet No. | X-160 thru X-164 *** | Ramp 1                            |
| Sheet No. | X-165 thru X-169     | Not Used                          |
| Sheet No. | X-170 thru X-177 *** | Ramp 1A                           |
| Sheet No. | X-190 thru X-192 *** | Ramp 1B                           |
| Sheet No. | X-193 thru X-199     | Not Used                          |
| Sheet No. | X-200 thru X-202 *** | Ramp 2                            |
| Sheet No. | X-203 thru X-209     | Not Used                          |
| Sheet No. | X-210 thru X-225 *** | Ramp 2A                           |
| Sheet No. | X-226 thru X-229     | Not Used                          |
| Sheet No. | X-230 thru X-234     | Ramp 2B                           |
| Sheet No. | X-235 thru X-239     | Not Used                          |
| Sheet No. | X-240 thru X-243 *** | Ramp 3                            |
| Sheet No. | X-244 thru X-249     | Not Used                          |
| Sheet No. | X-250 thru X-263 *** | Ramp 3A                           |
| Sheet No. | X-264 thru X-269     | Not Used                          |
| Sheet No. | X-270 thru X-272 *** | Ramp 4                            |
| Sheet No. | X-273 thru X-279     | Not Used                          |
| Sheet No. | X-280 thru X-291 *** | Ramp 4A                           |
| Sheet No. | X-292 thru X-299     | Not Used                          |
| Sheet No. | X-300 thru X-303     | Hansen Farm Road                  |
| Sheet No. | X-304 thru X-309     | Not Used                          |
| Sheet No. | X-310 thru X-317 *** | Wellington Road                   |
| Sheet No. | X-318 thru X-319     | Not Used                          |
| Sheet No. | X-320 thru X-321 *** | Wellingford Drive                 |
| Sheet No. | X-322 thru X-329     | Not Used                          |
| Sheet No. | X-330 thru X-355 *** | Prince William Parkway            |
| Sheet No. | X-356 thru X-357 *** | Prince William Parkway            |
| Sheet No. | X-358 thru X-359 *** | Prince William Parkway            |
| Sheet No. | X-360 thru X-362 *** | Prince William Parkway            |
| Sheet No. | X-363 thru X-394 *** | Prince William Parkway            |
| Sheet No. | X-395 thru X-399     | Not Used                          |
| Sheet No. | X-400 thru X-407 *** | Brady Lane                        |
| Sheet No. | X-408 thru X-409     | Not Used                          |
| Sheet No. | X-410 ***            | Doane Drive                       |
| Sheet No. | X-411 thru 419       | Not Used                          |
| Sheet No. | X-420 thru X-422 *** | Norfolk Southern Railroad         |
| Sheet No. | X-423 thru 499       | Not Used                          |
| Sheet No. | X-500 thru X-504 *** | Dellinski Way/Randolph Ridge Lane |
| Sheet No. | X-505 thru X-509     | Not Used                          |
| Sheet No. | X-510 thru X-511 *** | Hansen Farm Road                  |
| Sheet No. | X-512 thru X-519     | Not Used                          |
| Sheet No. | X-520 ***            | Hansen Farm Road Roundabout       |
| Sheet No. | X-521 thru X-529     | Not Used                          |
| Sheet No. | X-530 thru X-532 *** | Emergency Access Road             |
| Sheet No. | X-540                | Jennell Drive                     |

# Cross Sections Index of Sheets



| REVISED        | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|----------------|-------|-------|-------|--------------------------------|-----------|
| NDC02<br>NDC04 | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X         |

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



VDOT PROJECT  
6234-076-266  
PINC PROJECT  
SPR2020-00383 S03

| SHEET NO. |
|-----------|
| X         |

Office Locations  
 Design Associates, P.C.  
 Civil Engineering - Surveying - Land Planning  
 Transportation Engineering - Traffic Engineering  
 Right of Way Services

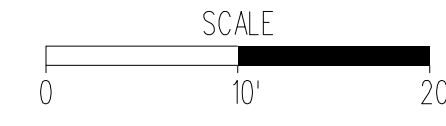
**LANE**  
 NOVA DISTRICT DESIGN UNIT

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A231 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

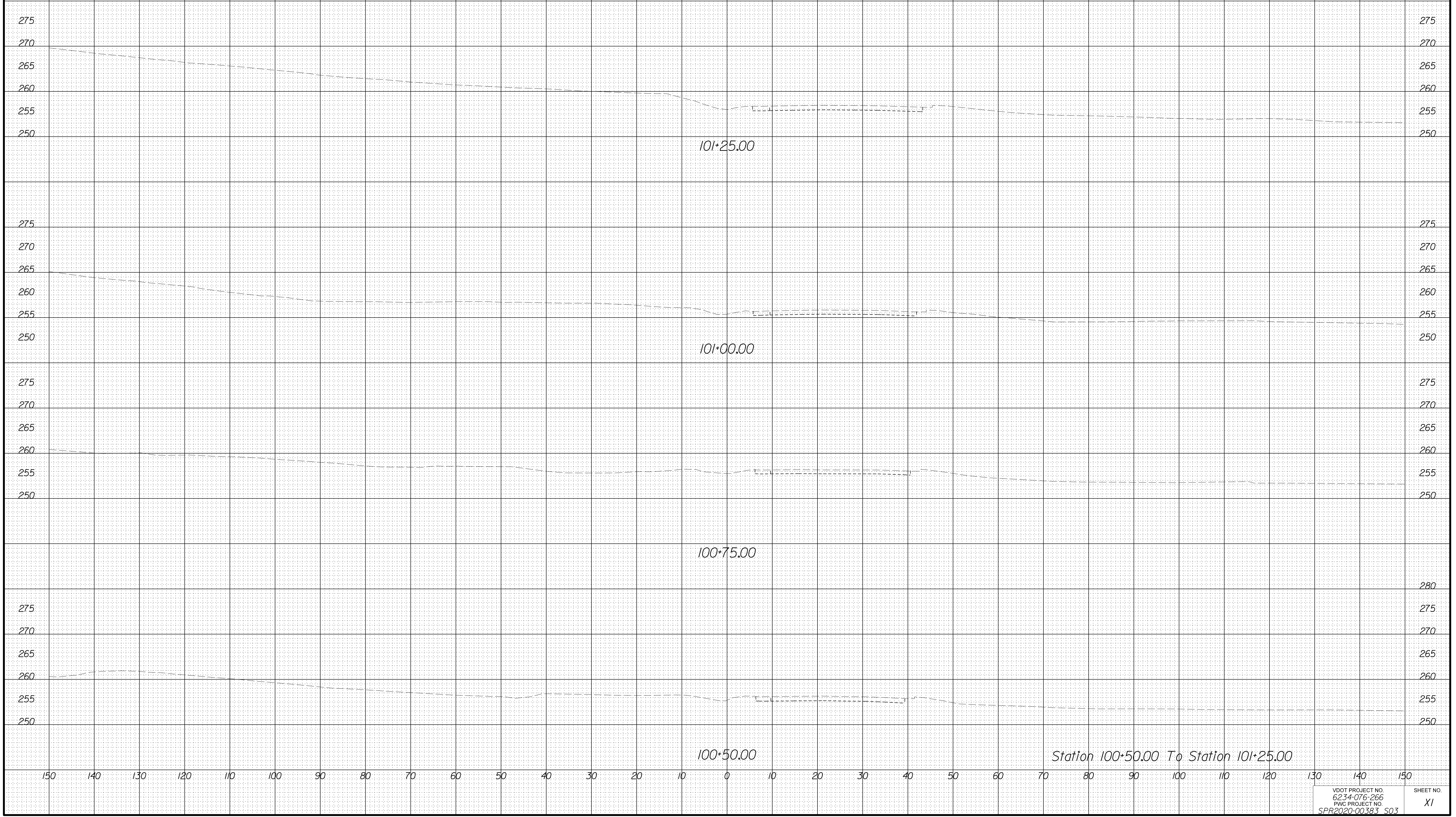


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|-------------------------|-------|---------------------|---|------------------------|
| REVISED<br><b>NDC04</b> | STATE | STATE               |   | SHEET NO.<br><b>XI</b> |
|                         | VA.   | ROUTE<br><b>621</b> | PROJECT<br><b>6234-076-266,<br/>C-501, RW-201</b> |                        |

04 Revised Entire Sheet.

# Balls Ford Road Rte. 621 (Devlin Road)

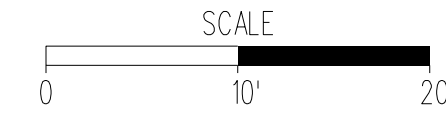


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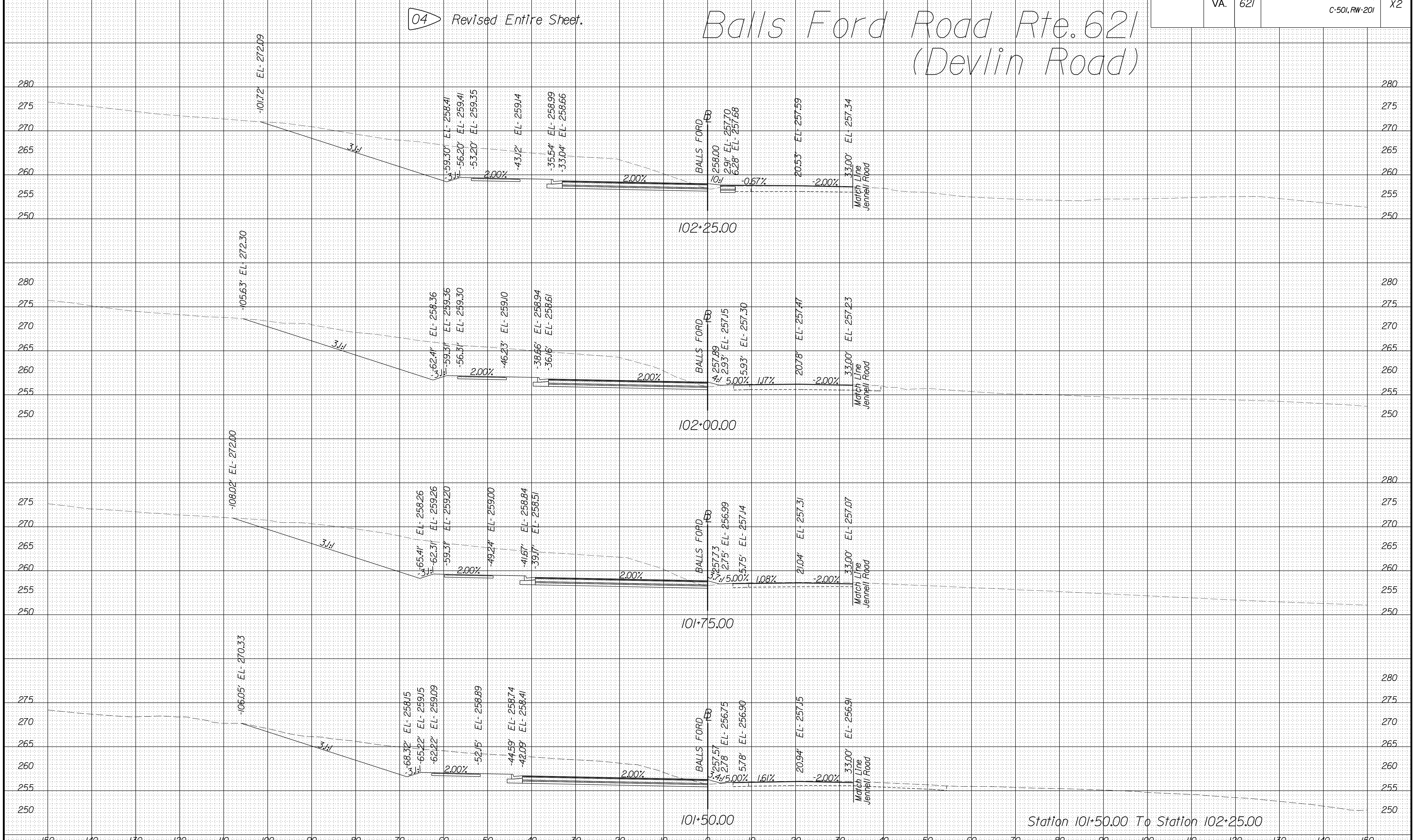


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| REVISED<br>NDC04 | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|                  | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X2        |

04 Revised Entire Sheet.

# Balls Ford Road Rte. 621 (Devlin Road)



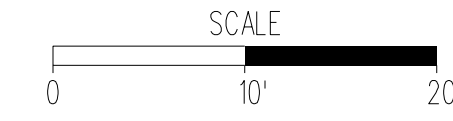
Station 101+50.00 To Station 102+25.00

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See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

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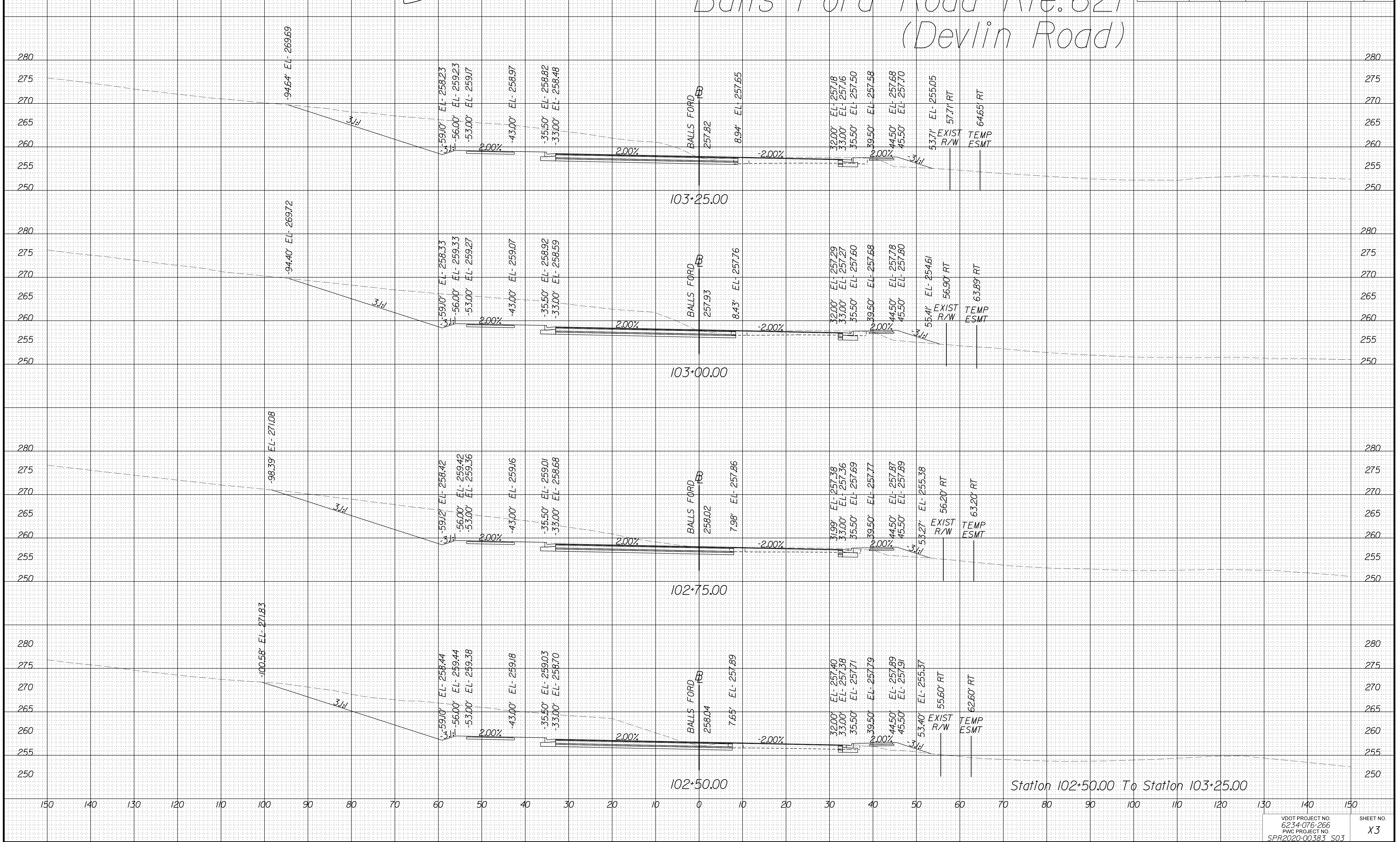


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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X3 |
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04 Revised Entire Sheet.

# Balls Ford Road Rte. 621 (Devlin Road)



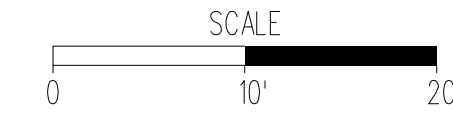
Station 102+50.00 To Station 103+25.00

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### CROSS SECTIONS

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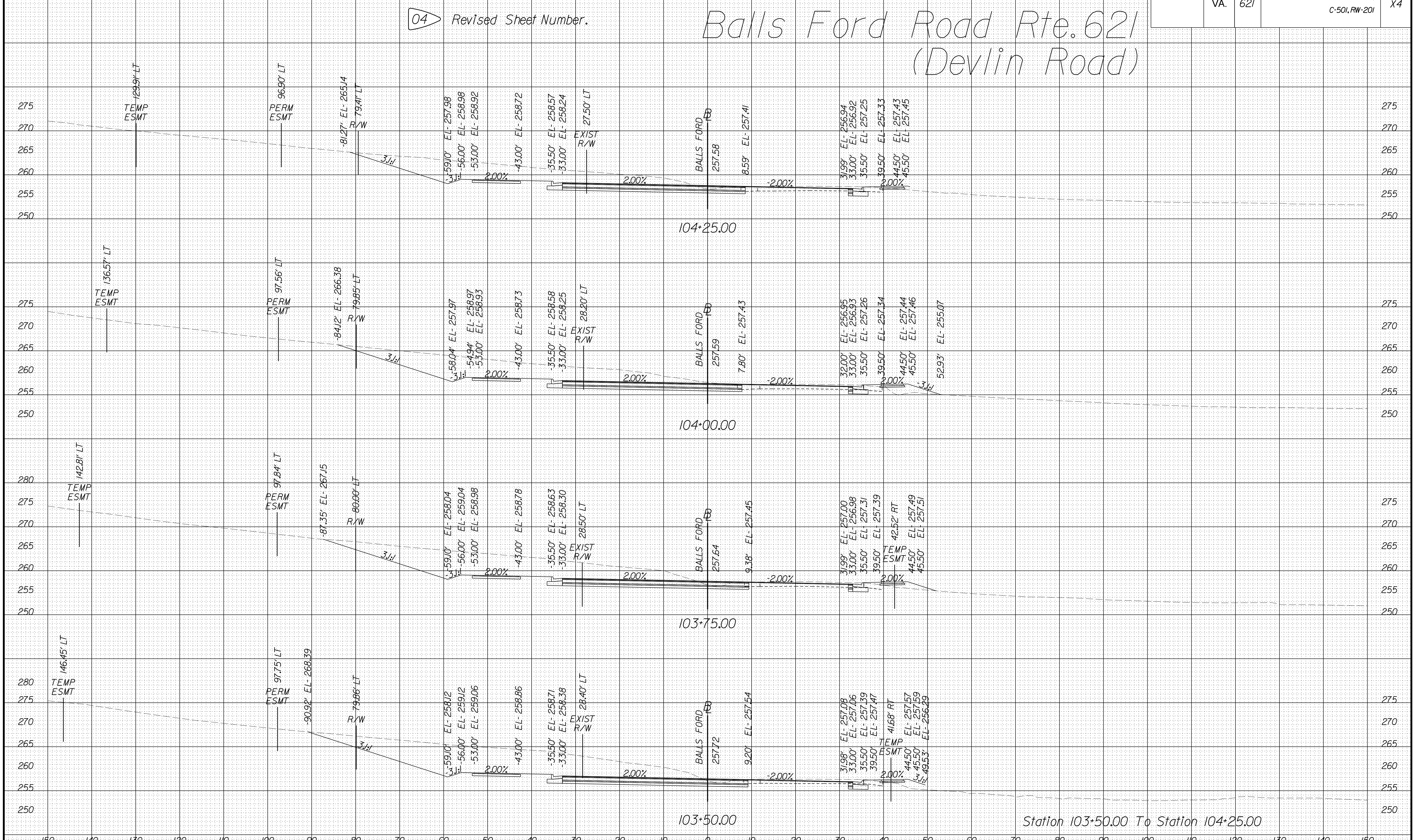


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| REVISED<br><b>NDC04</b> | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X4        |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)



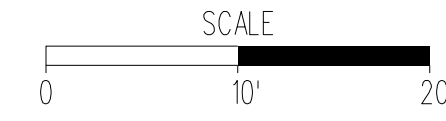
Station 103+50.00 To Station 104+25.00

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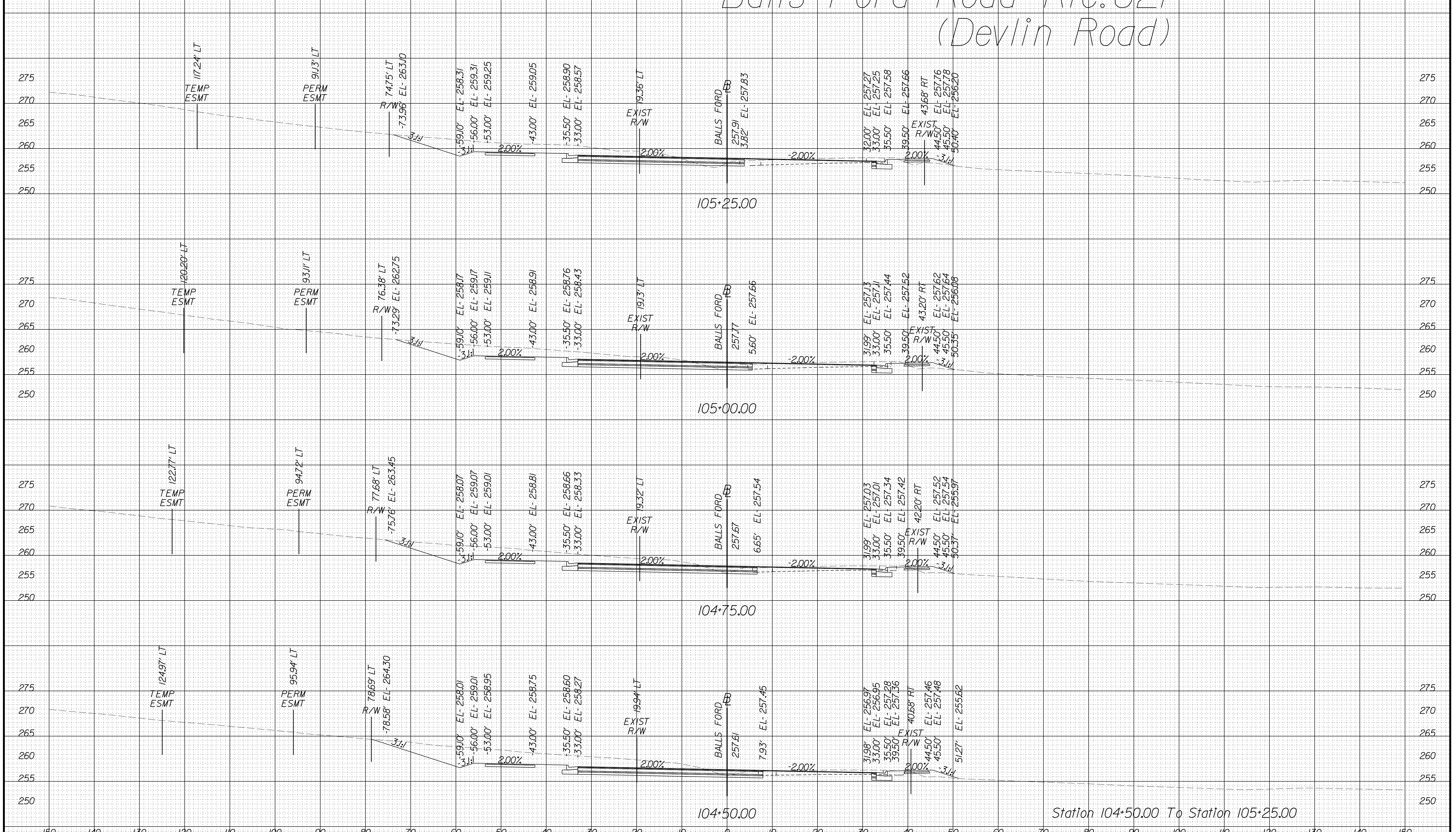


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| REVISED<br><b>NDC04</b> | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X5        |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)



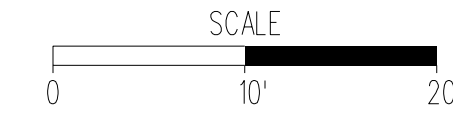
Station 104+50.00 To Station 105+25.00

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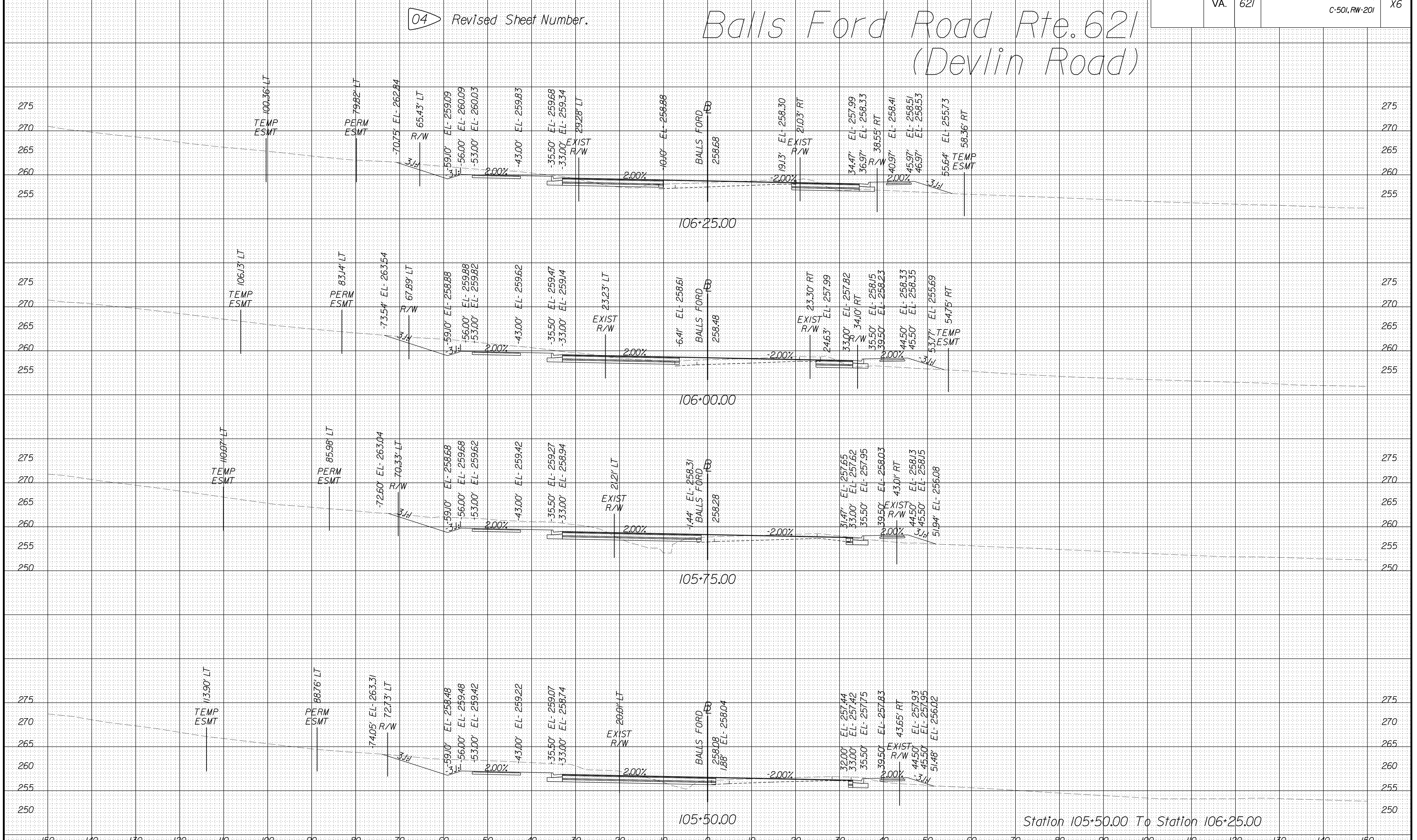


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04 Revised Sheet Number.

## Balls Ford Road Rte. 621 (Devlin Road)

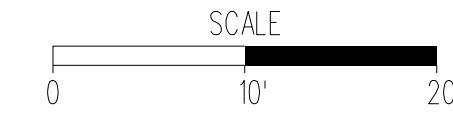


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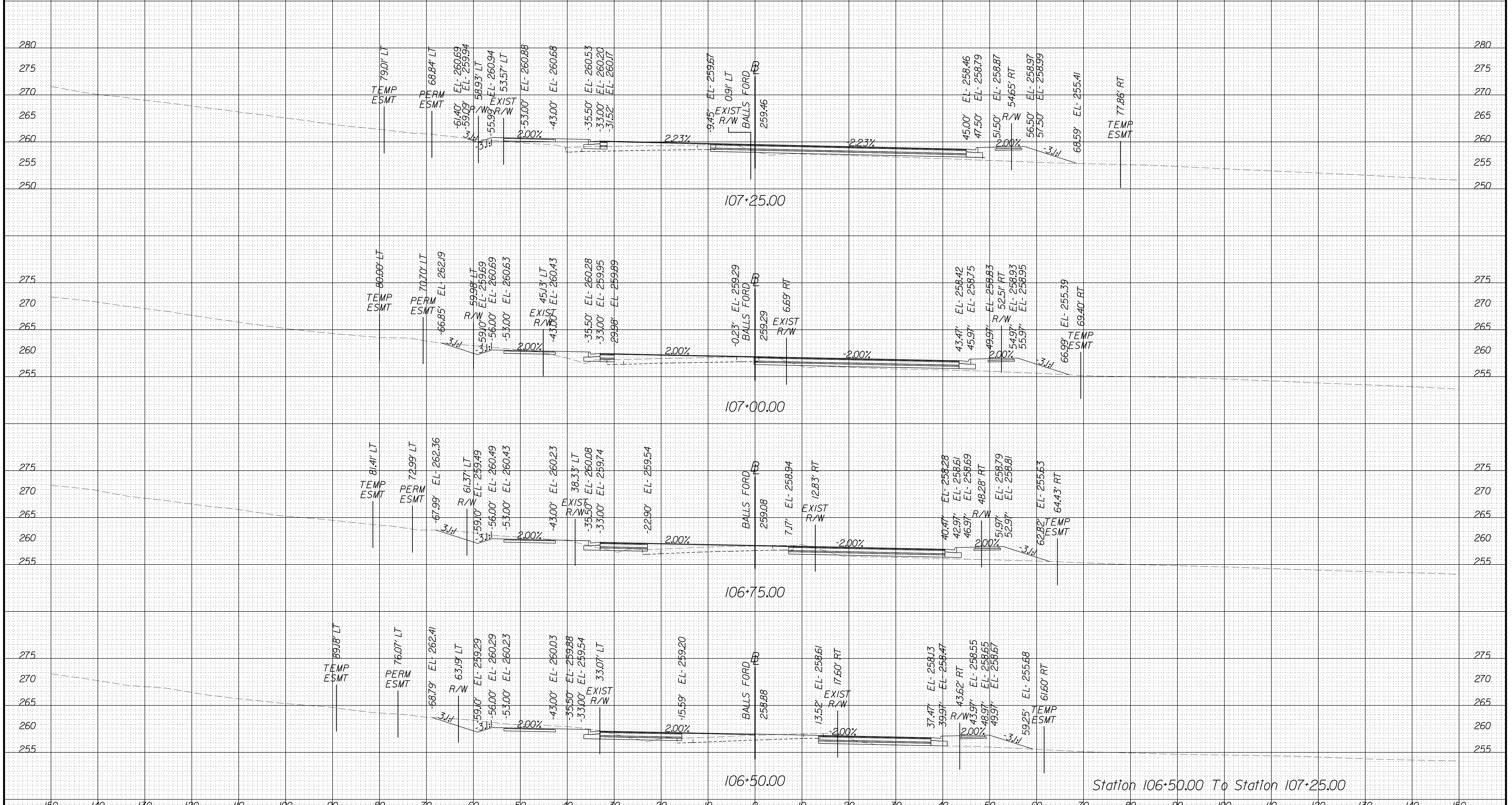


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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X7 |
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04 Revised Sheet Number.

## Balls Ford Road Rte. 621 (Devlin Road)



Station 106+50.00 To Station 107+25.00

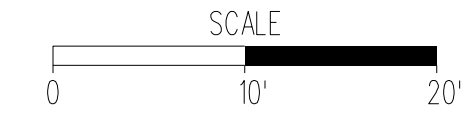


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### CROSS SECTIONS

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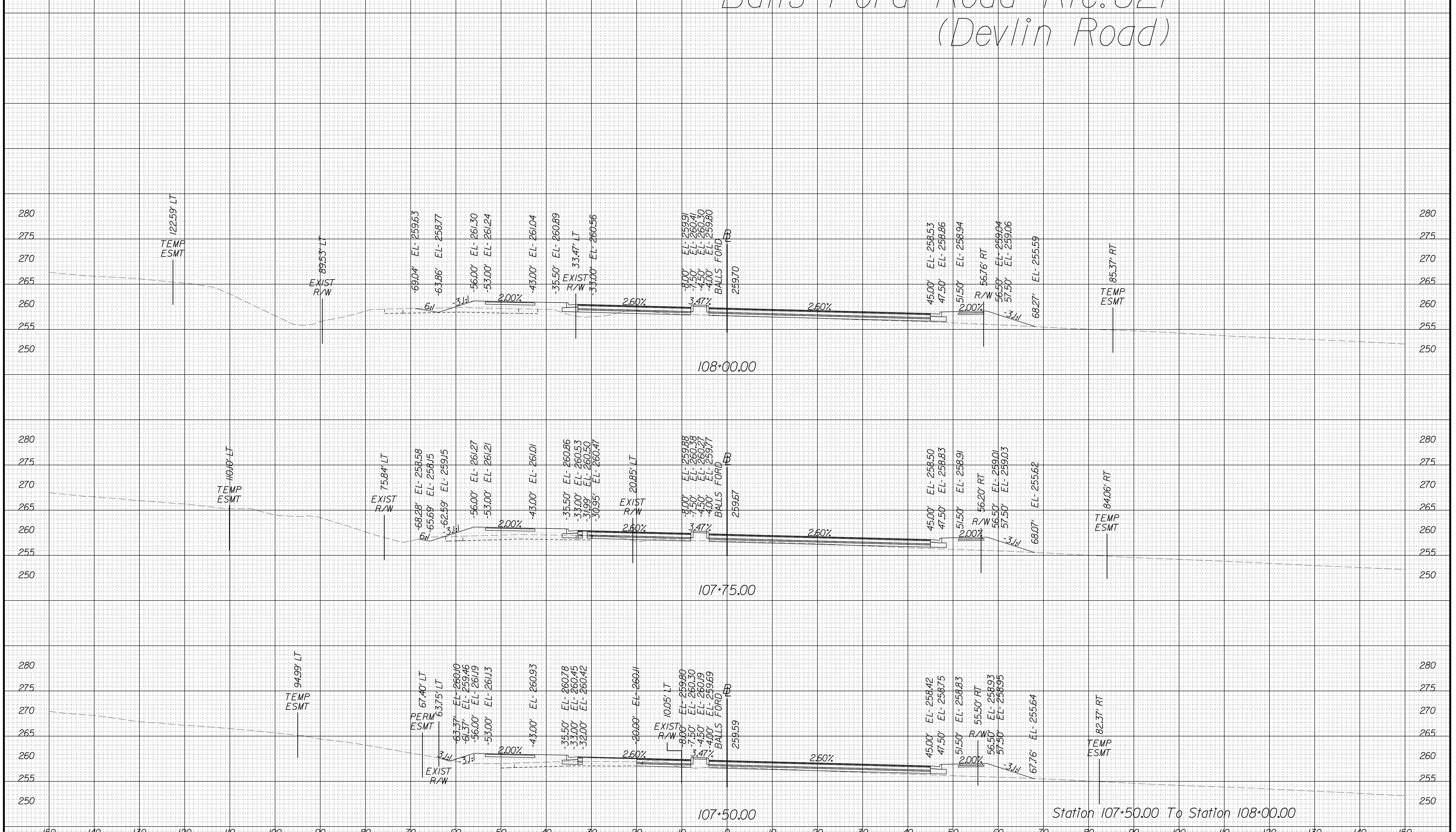


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|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X8        |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)



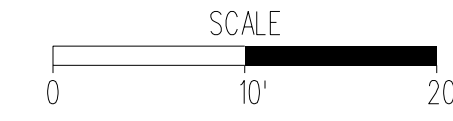
Station 107+50.00 To Station 108+00.00

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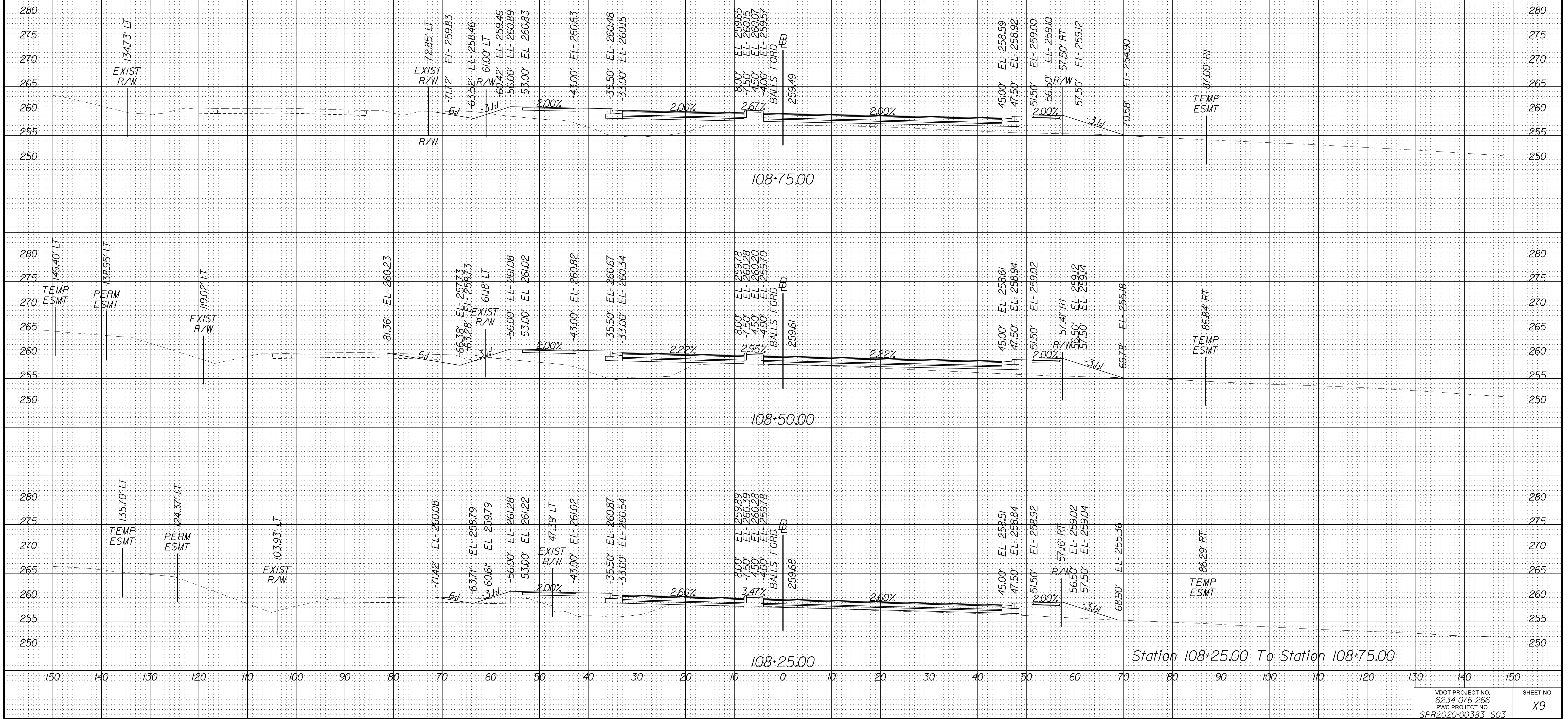


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|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X9        |

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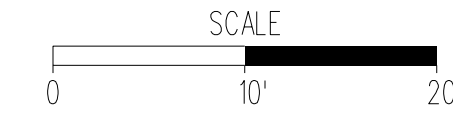


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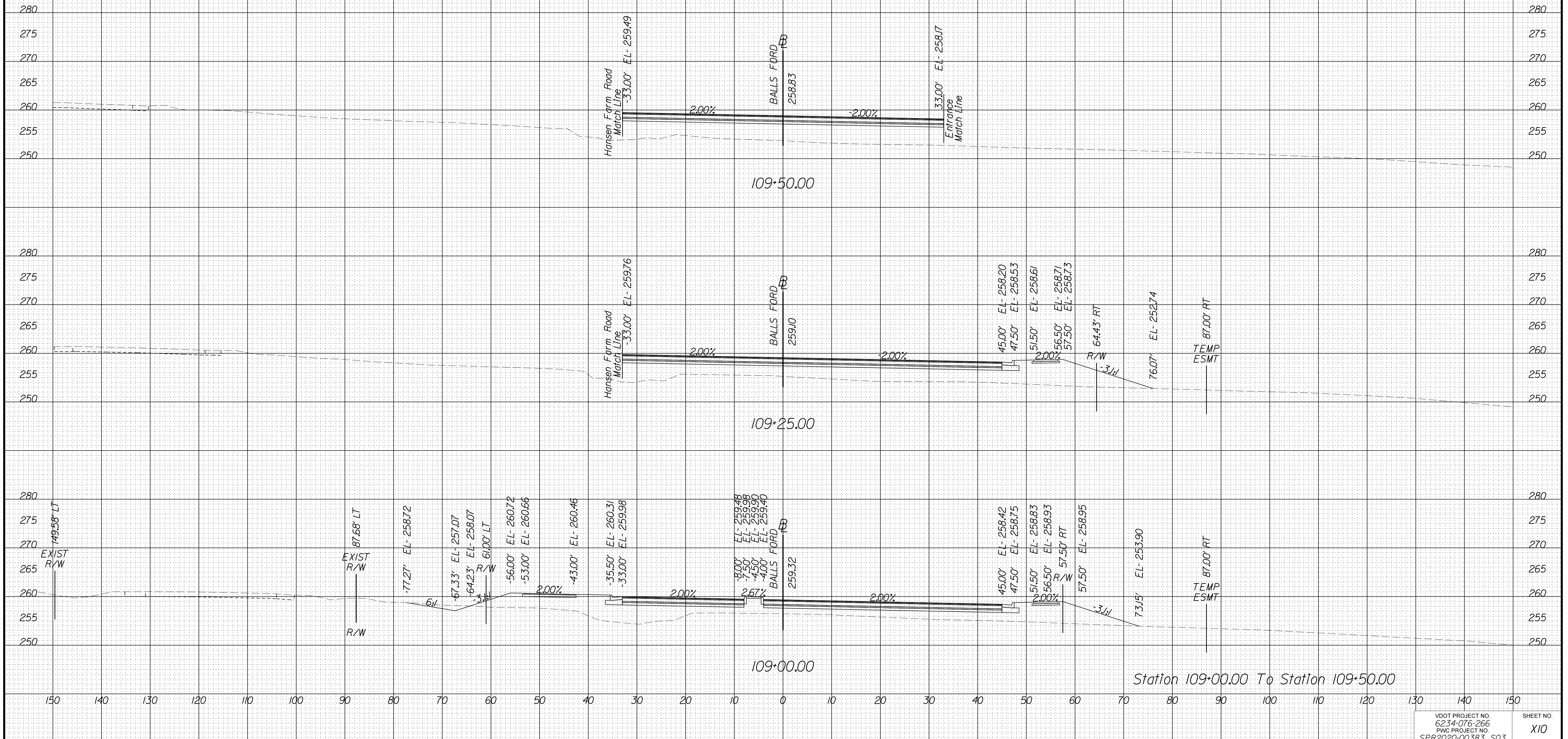


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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X10</b> |
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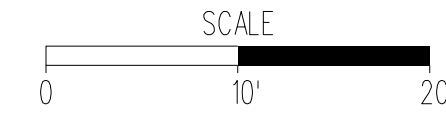
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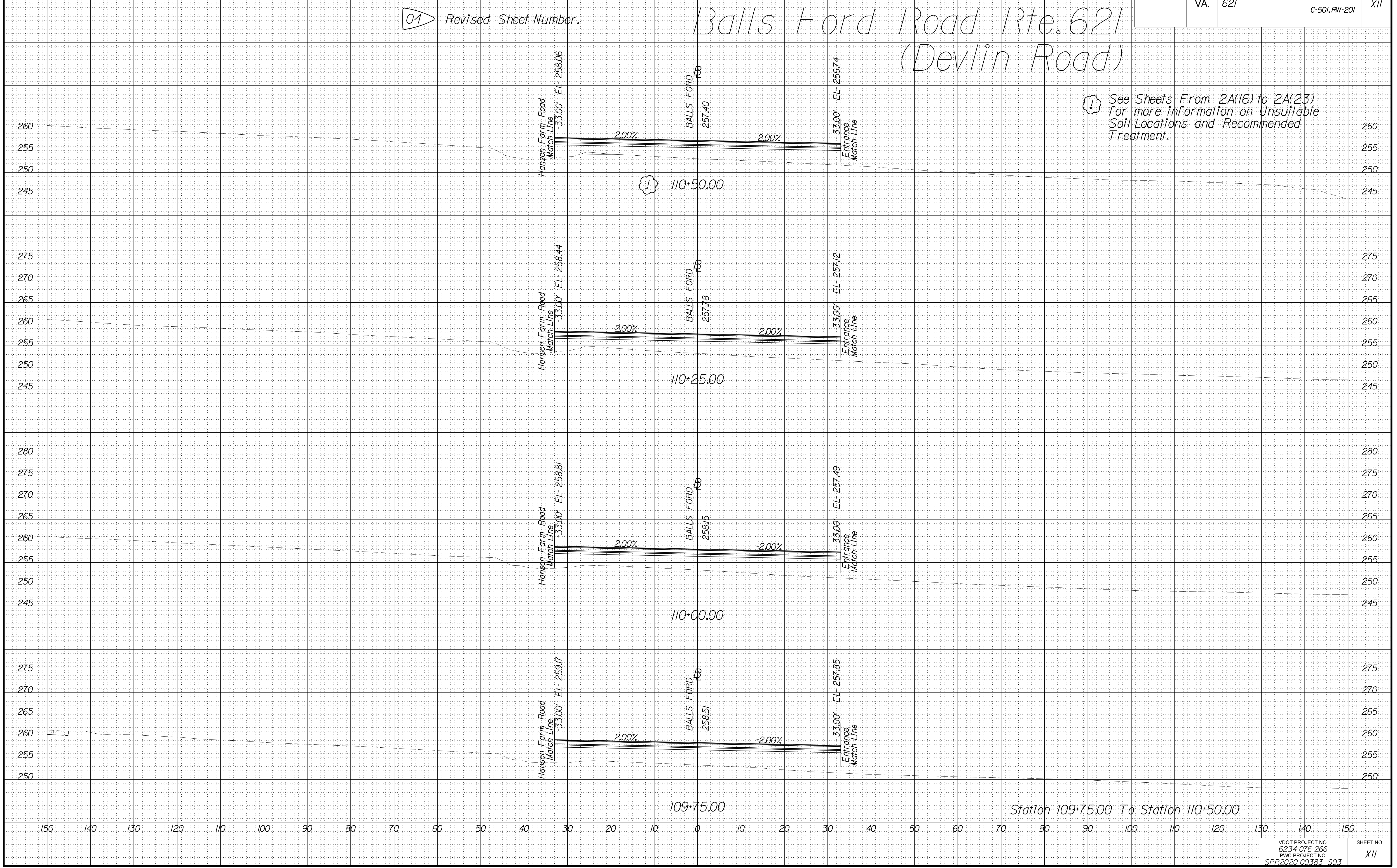
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|-------------------------|--------------|--------------|--|-------------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

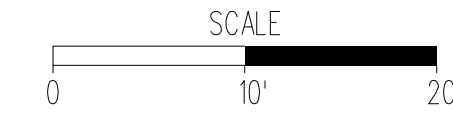


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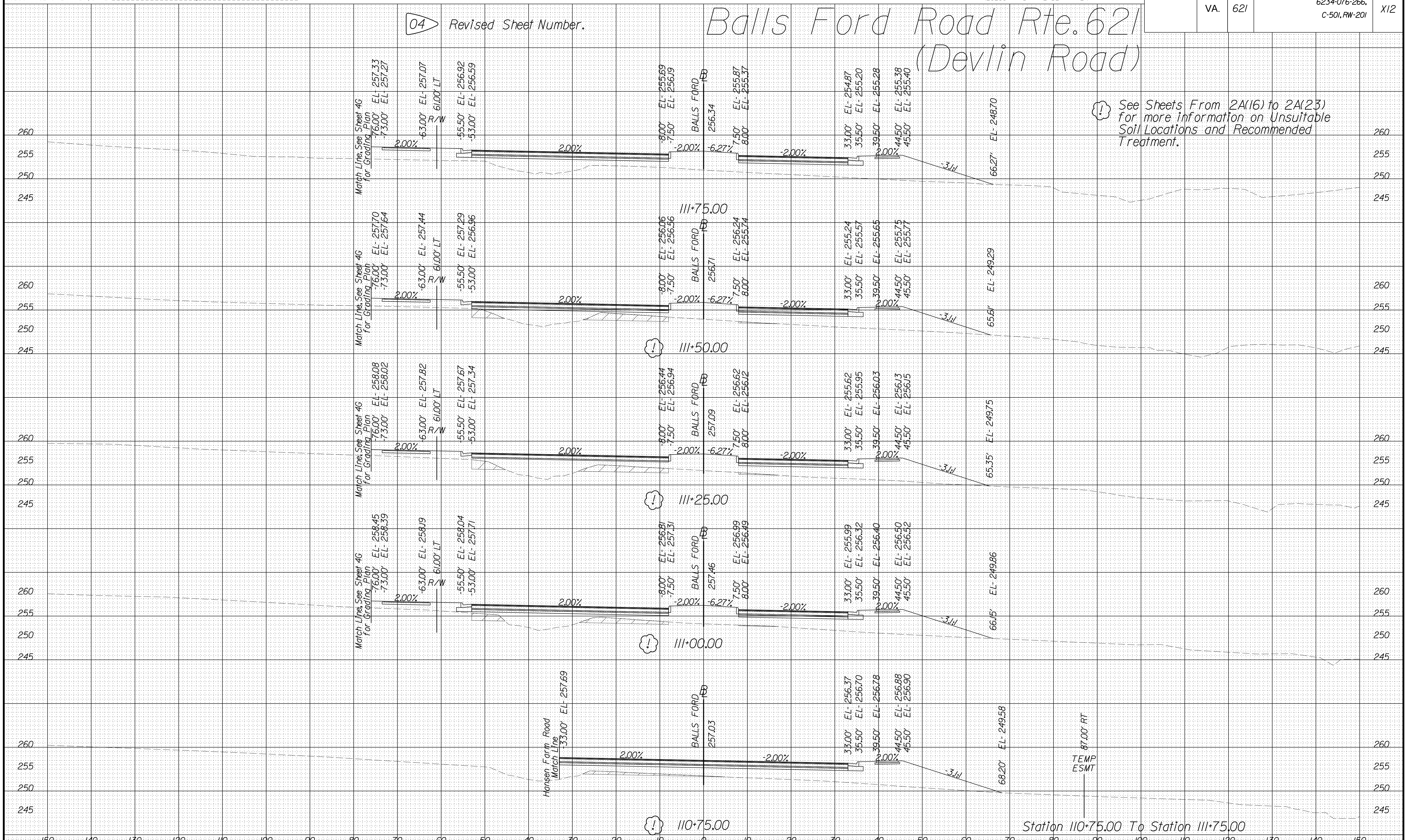
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|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

## Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



Hansen Farm Road  
Match Line  
33.00' EL- 257.69

TEMP  
ESMT  
87.00' RT

Station 110+75.00 To Station 111+75.00

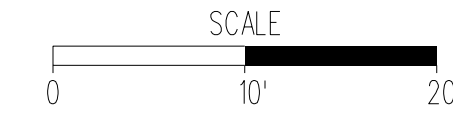


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SCALE 1 IN. = 10 FT

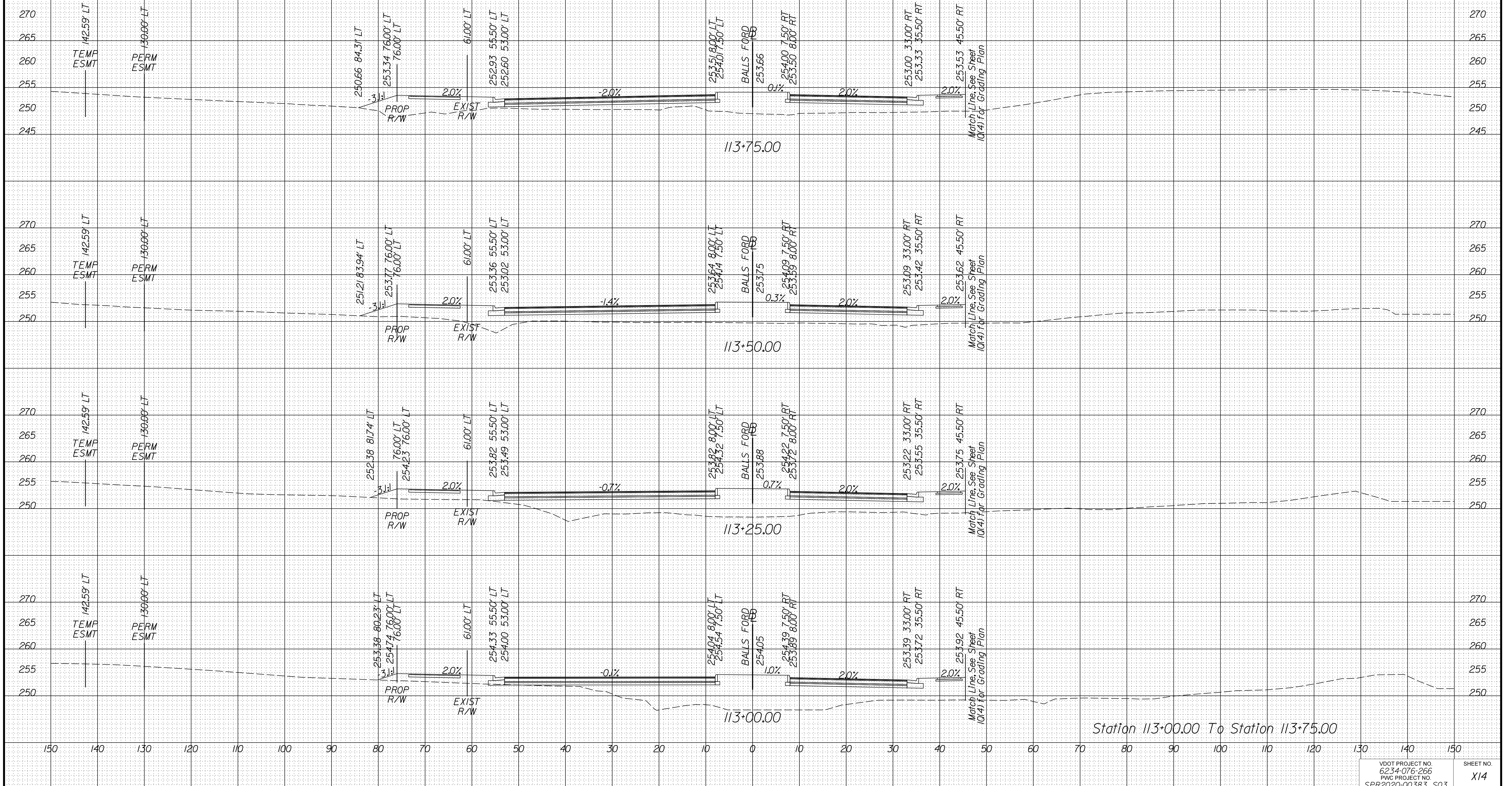


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X14 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

## Balls Ford Road Rte. 621 (Devlin Road)



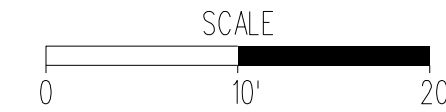
Station 113+00.00 To Station 113+75.00

PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



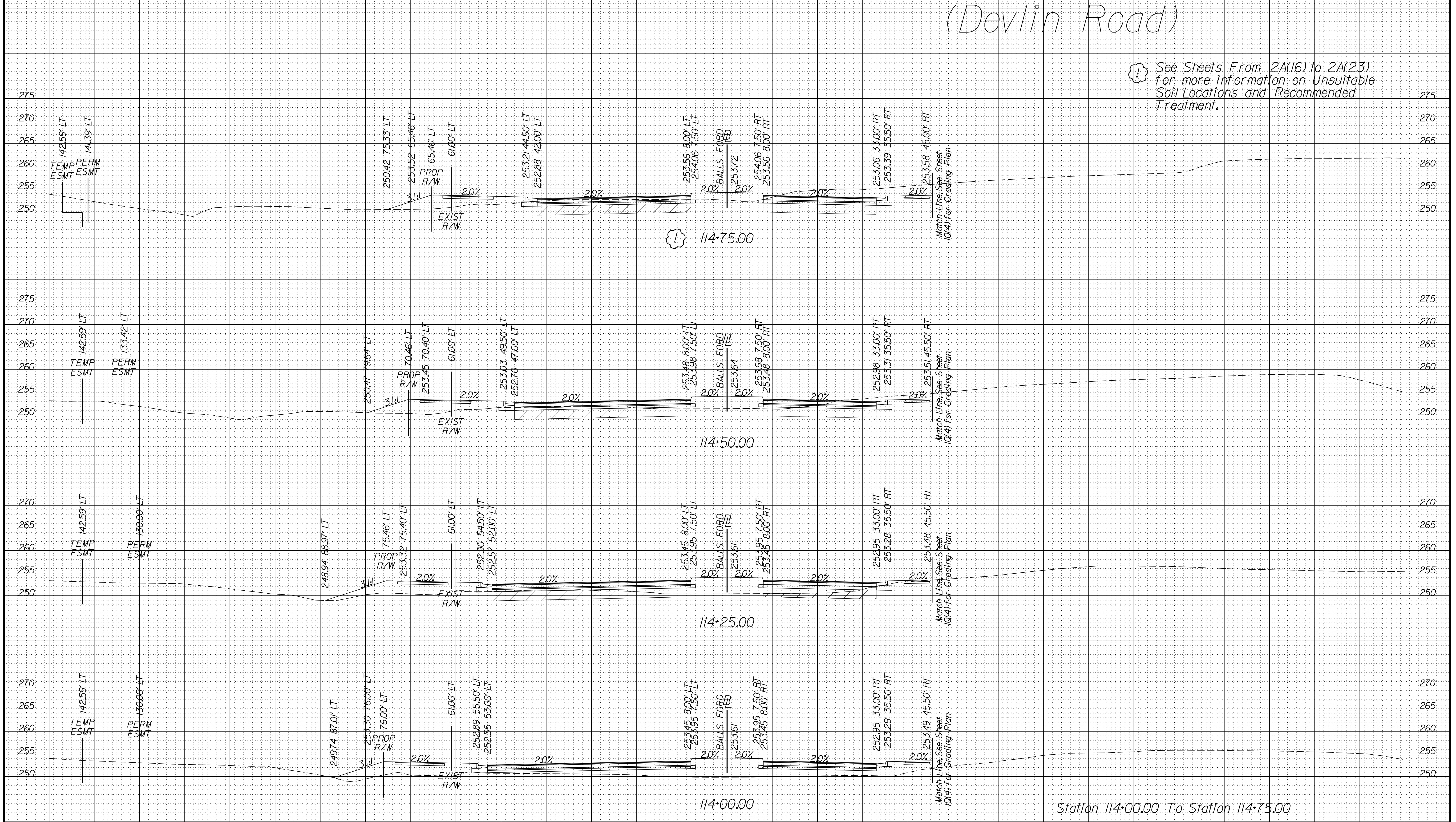
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X15 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



Station 114+00.00 To Station 114+75.00

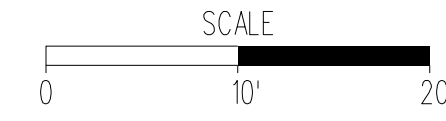


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



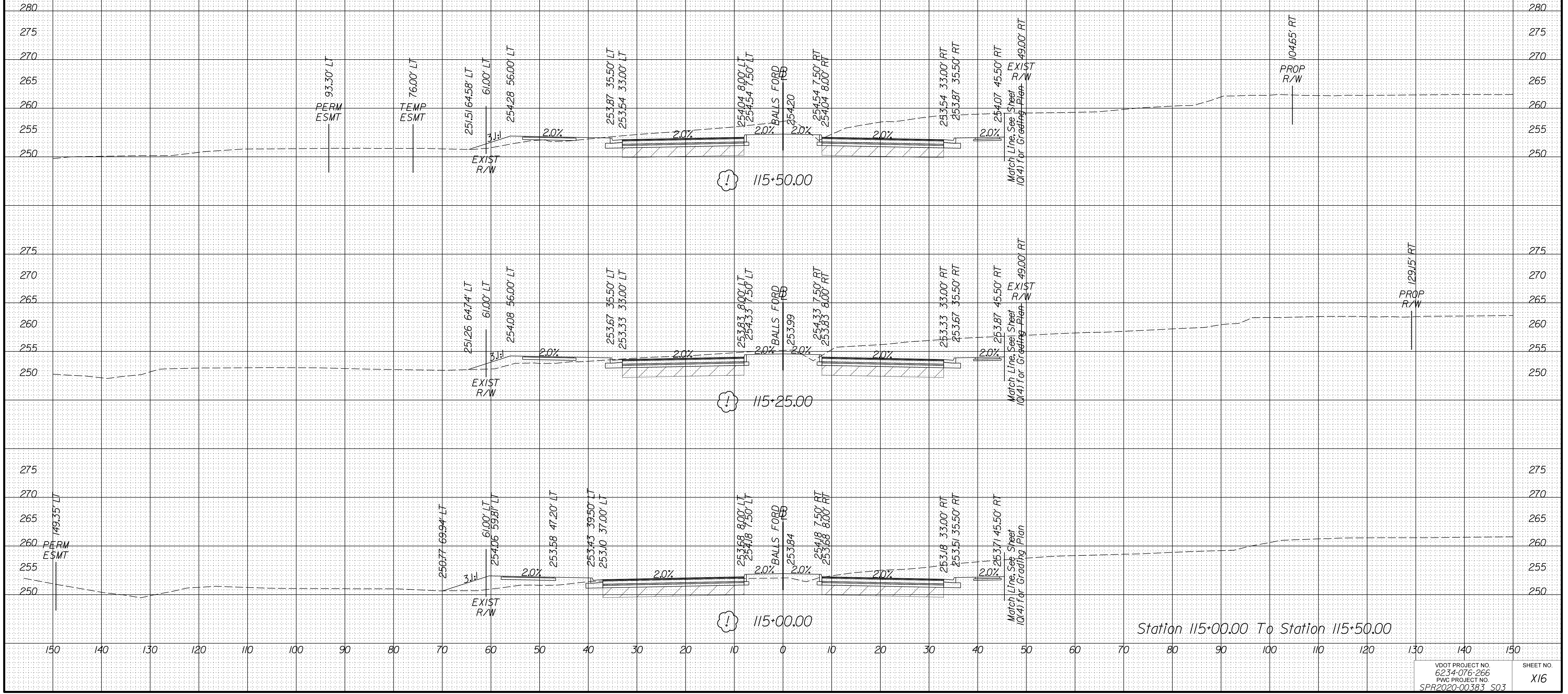
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDCO2</b> | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X16       |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



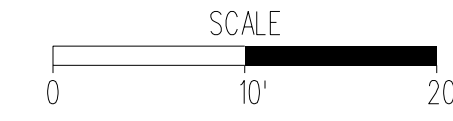
Station 115+00.00 To Station 115+50.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



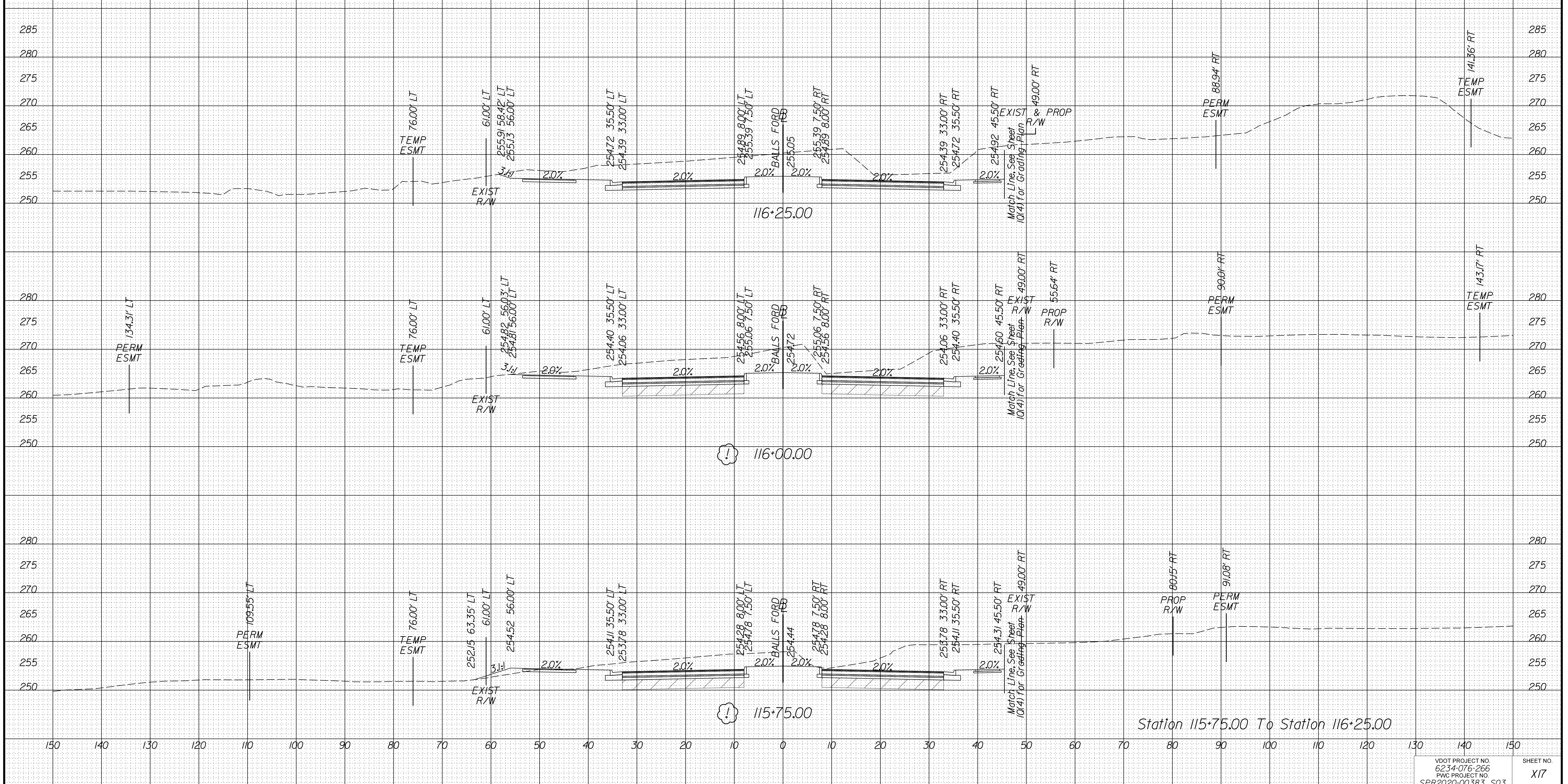
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X17 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

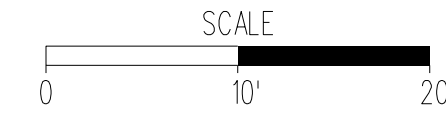


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

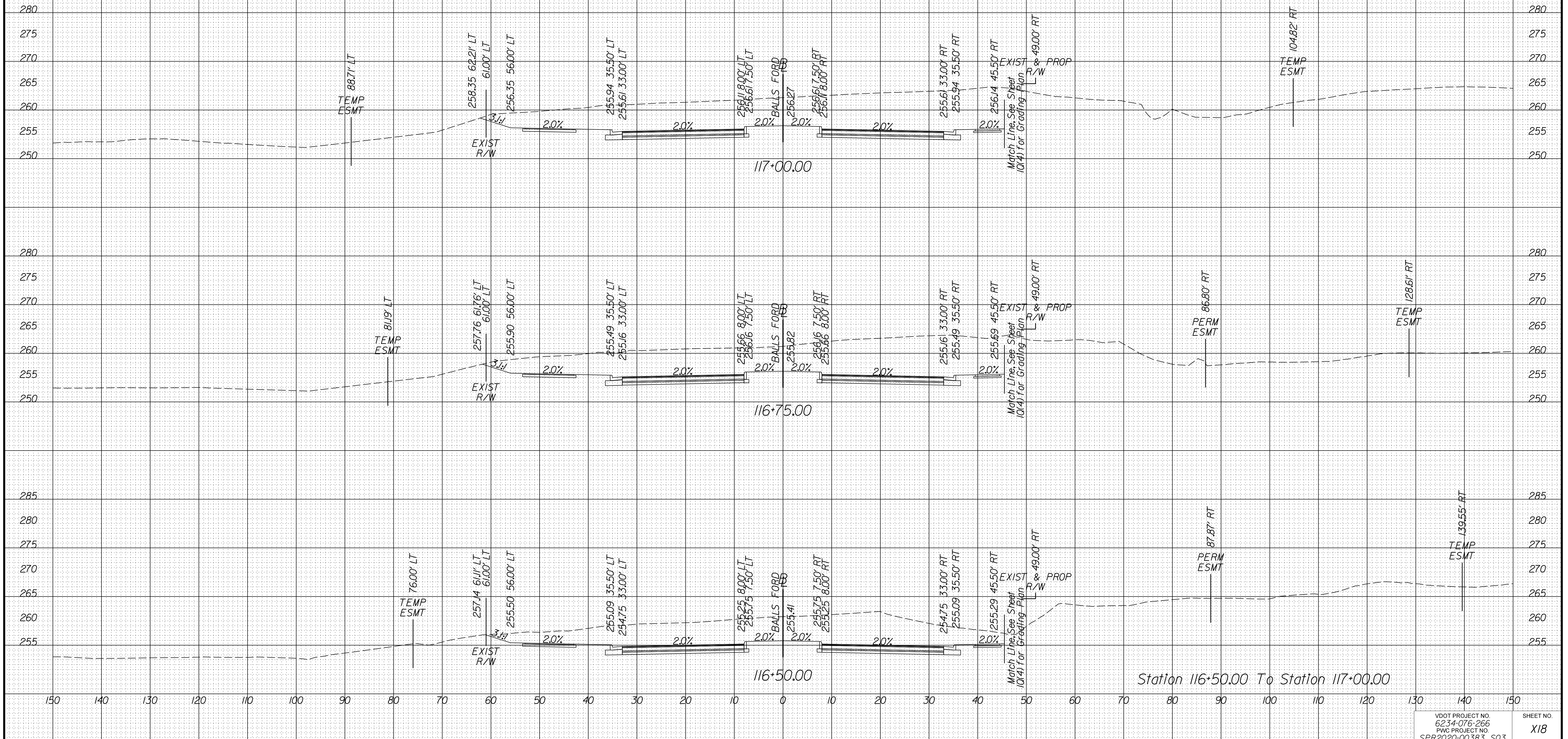


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE | STATE | PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X18 |
|                  | VA.   | 621   |   |                  |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

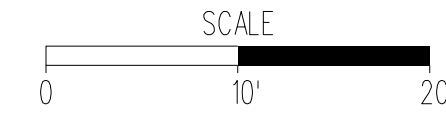


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



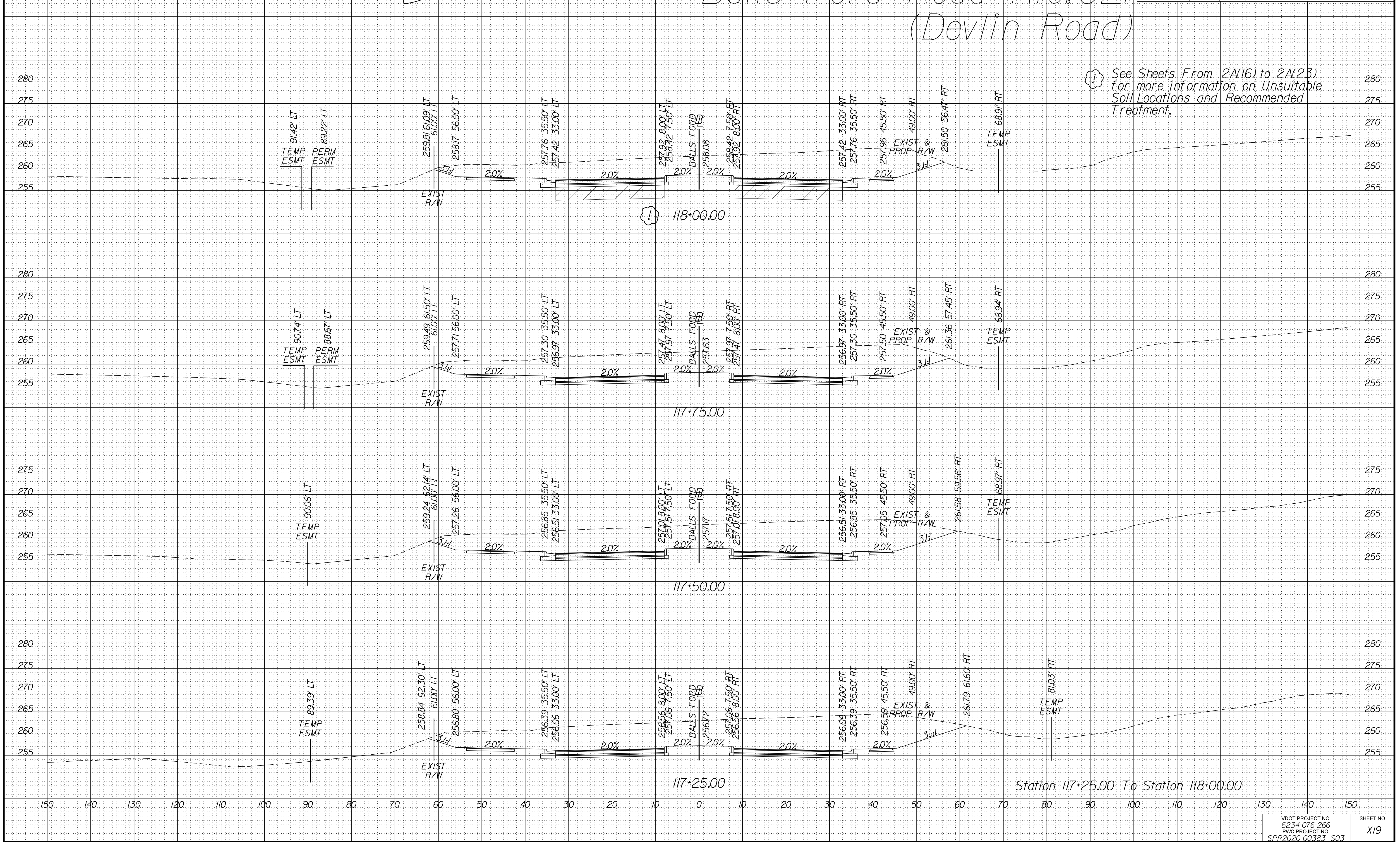
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X19 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



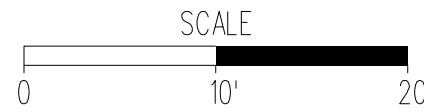
Station 117+25.00 To Station 118+00.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



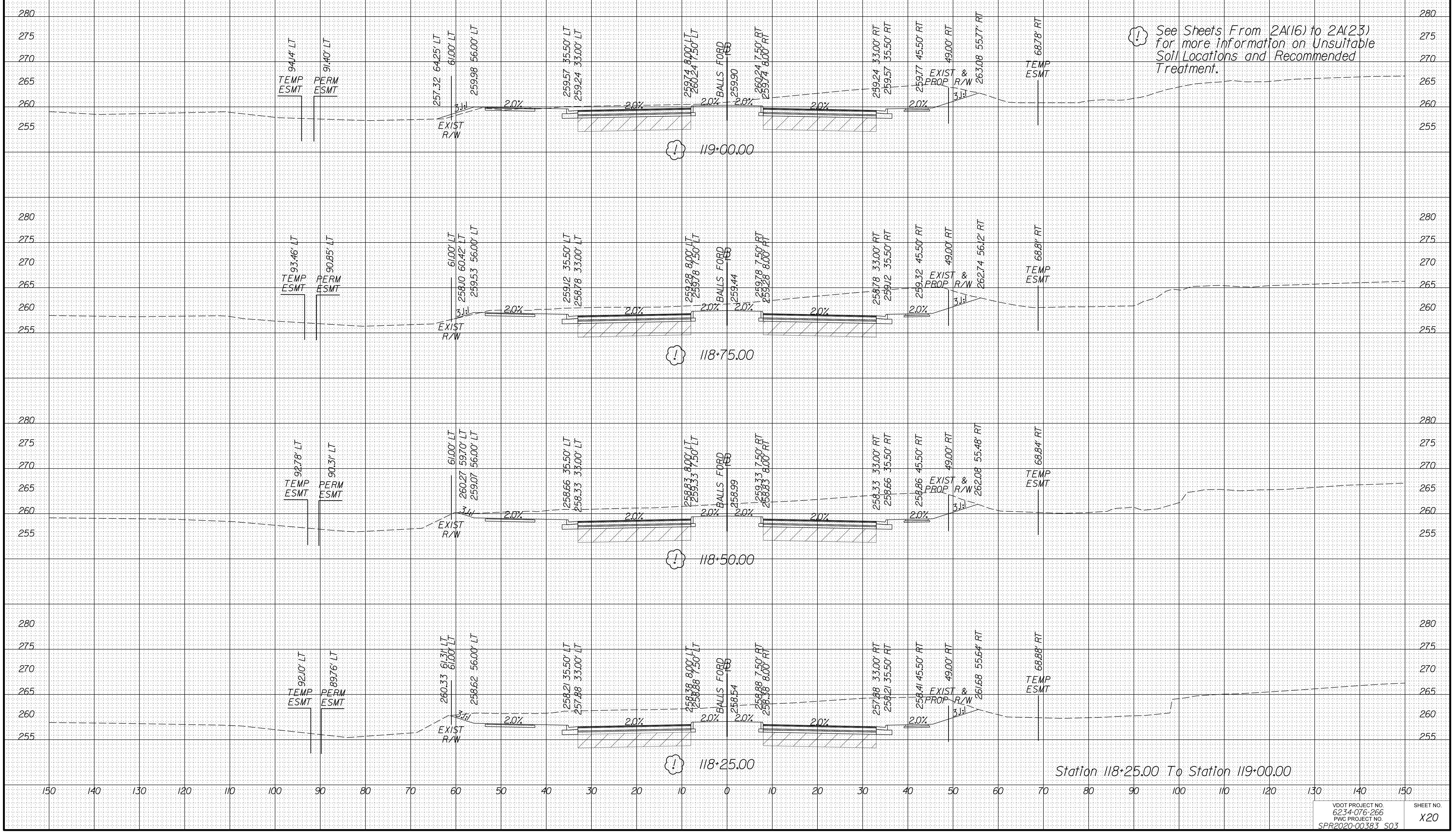
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X20 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



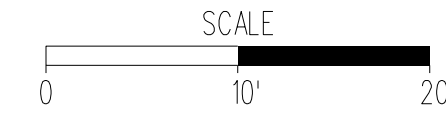
Station 118+25.00 To Station 119+00.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060, May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



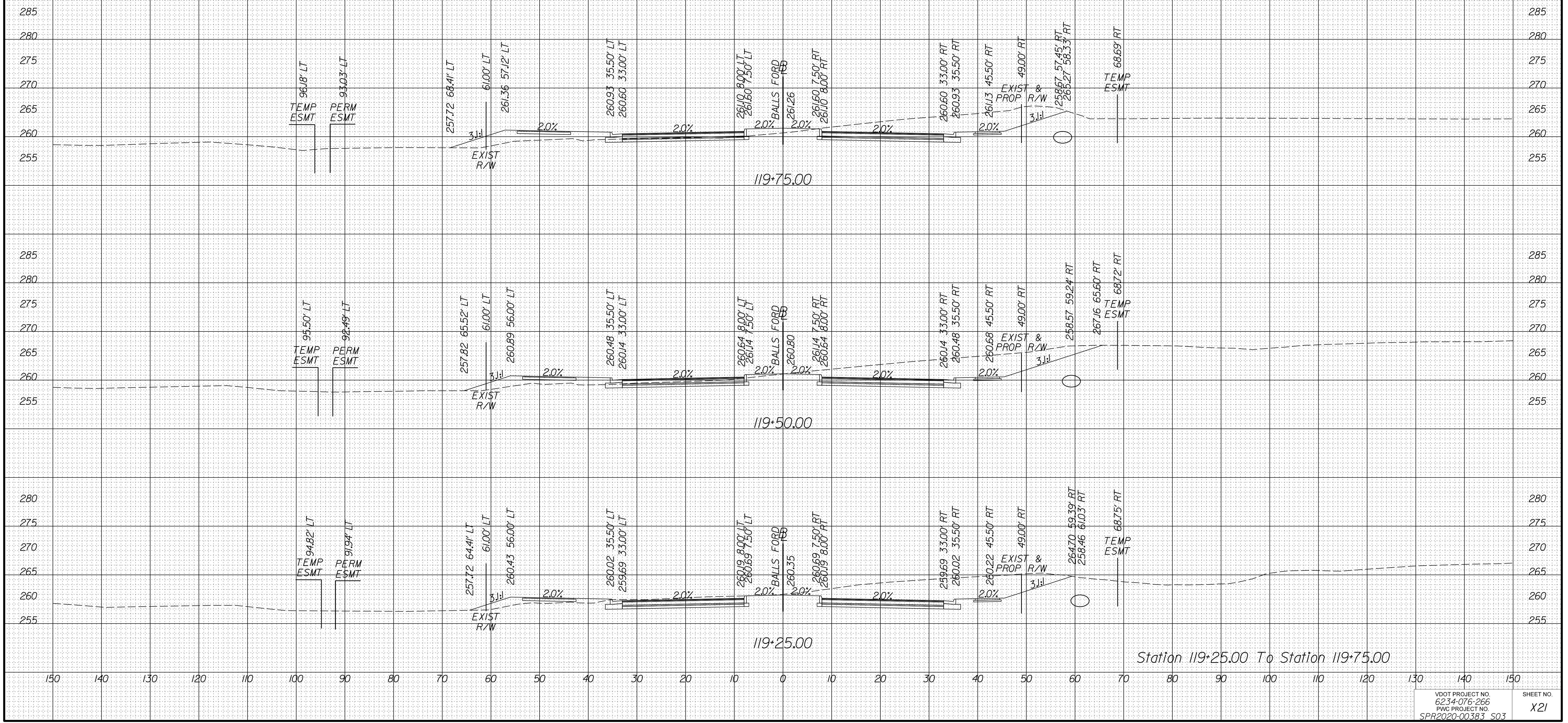
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X21 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

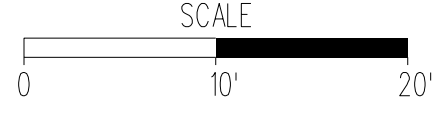


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060, May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



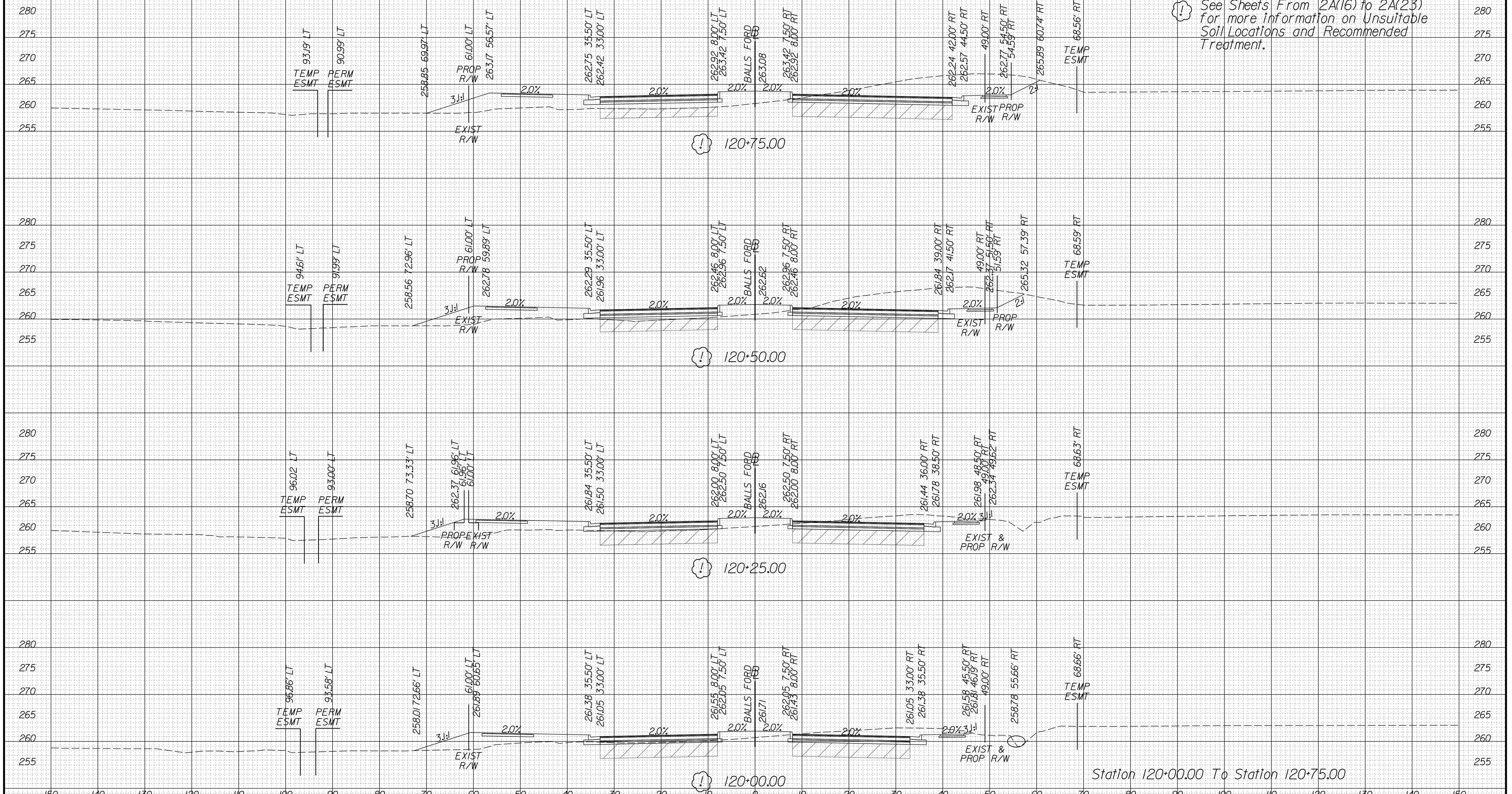
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X22 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

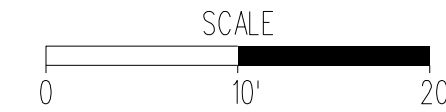


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accumark (703) 635-3060, May 2020

Materials Legend  
[Hatched Box] Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



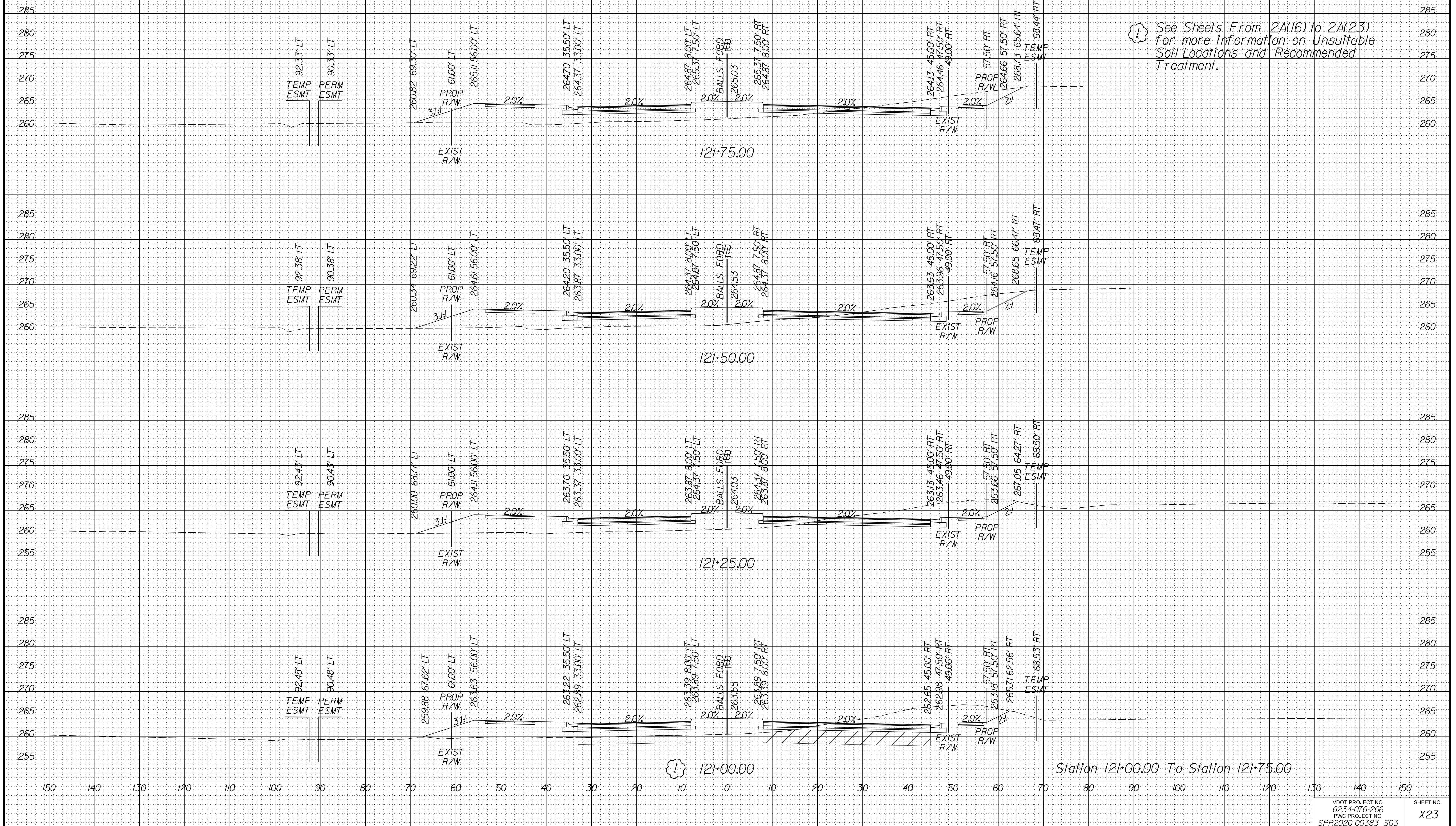
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
| NDC04   | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X23       |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



Station 121+00.00 To Station 121+75.00

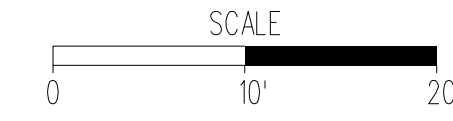


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



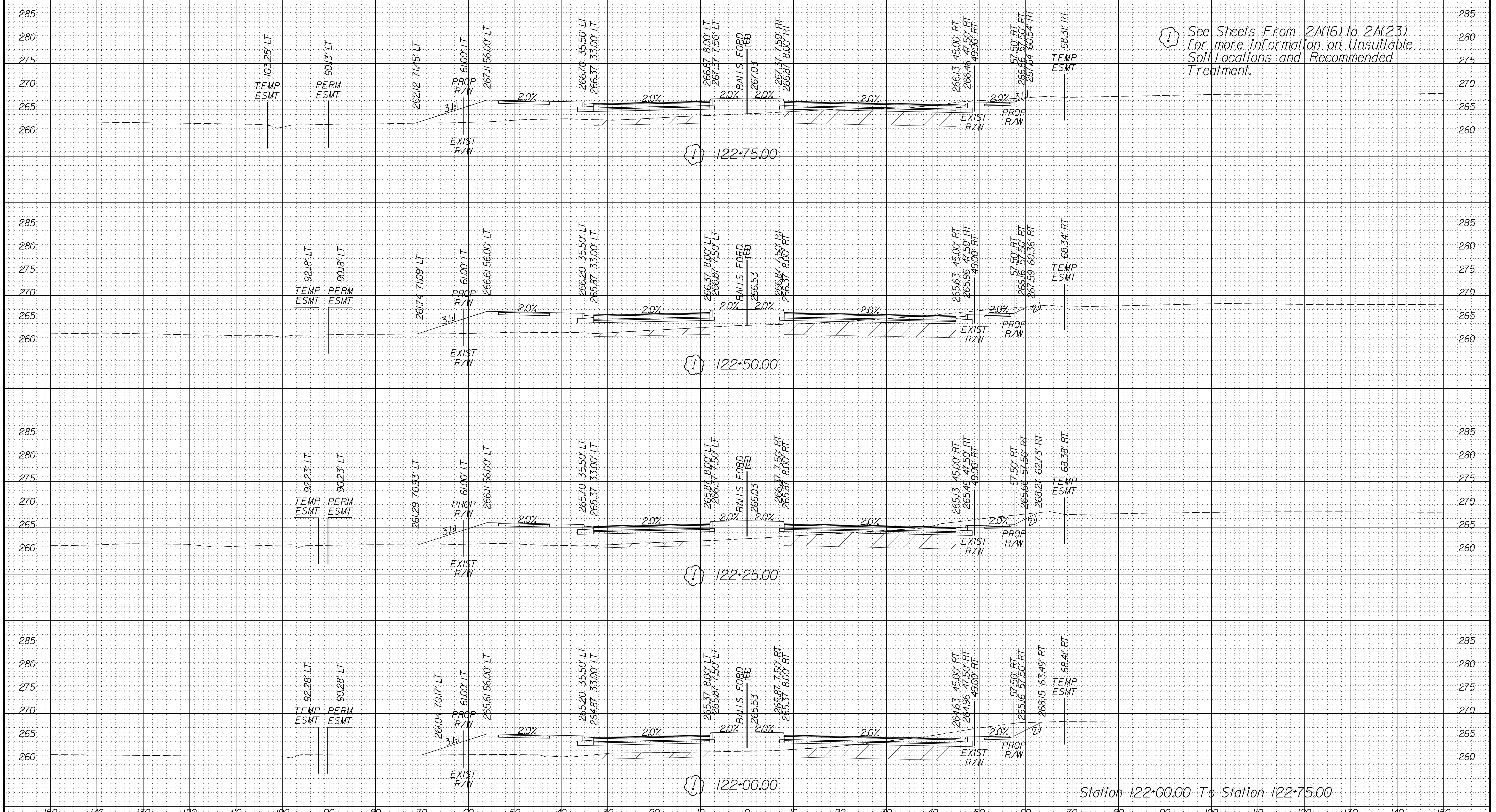
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE | ROUTE | STATE | PROJECT                       | SHEET NO. |
|                         | VA.   | 621   |       | 6234-076-266,<br>C-501.RW-201 | X24       |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



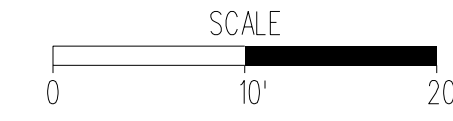
Station 122+00.00 To Station 122+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060, May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



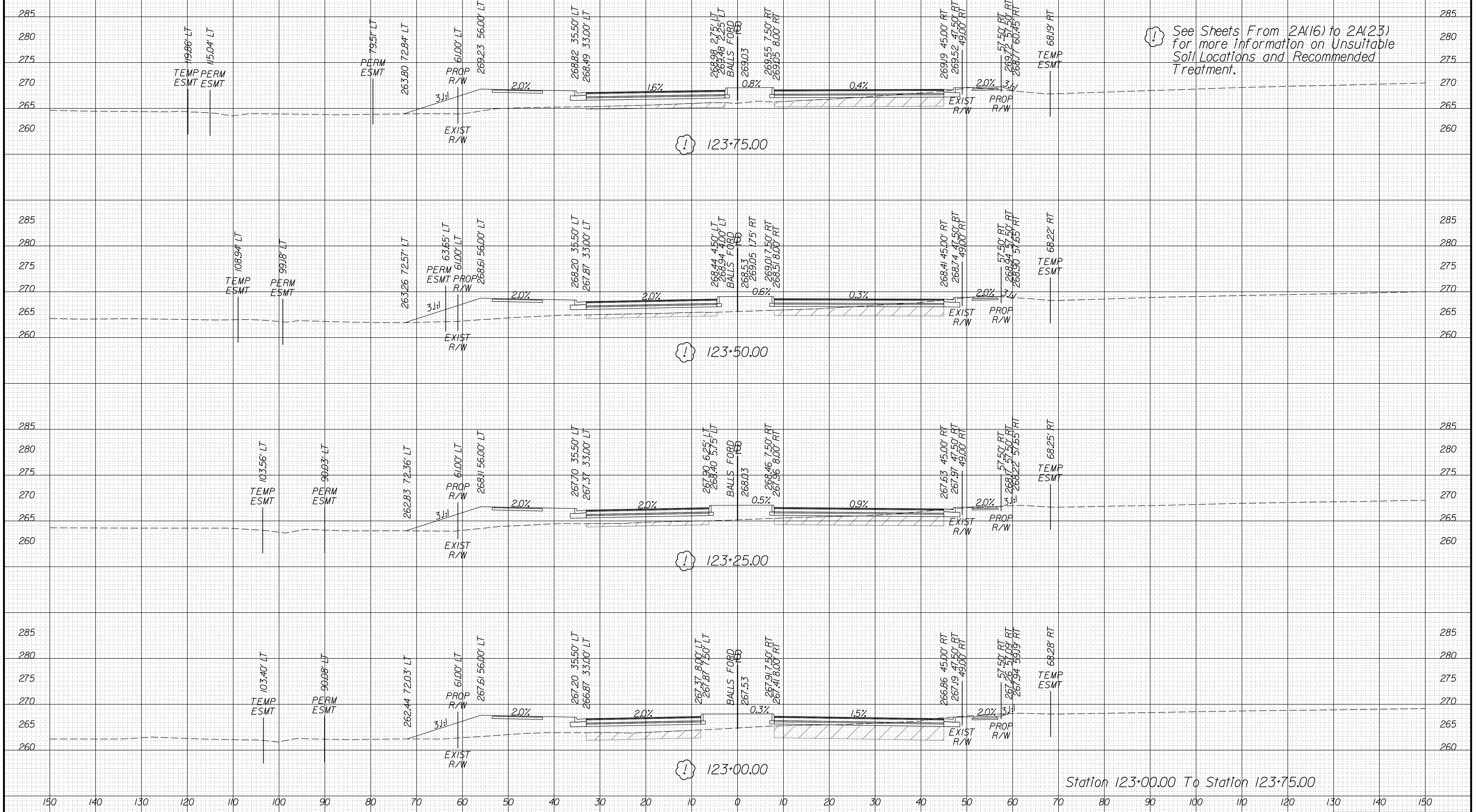
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X25 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



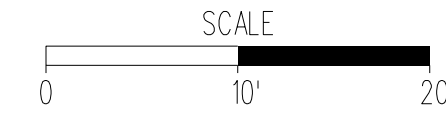
Station 123+00.00 To Station 123+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE AccuMark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



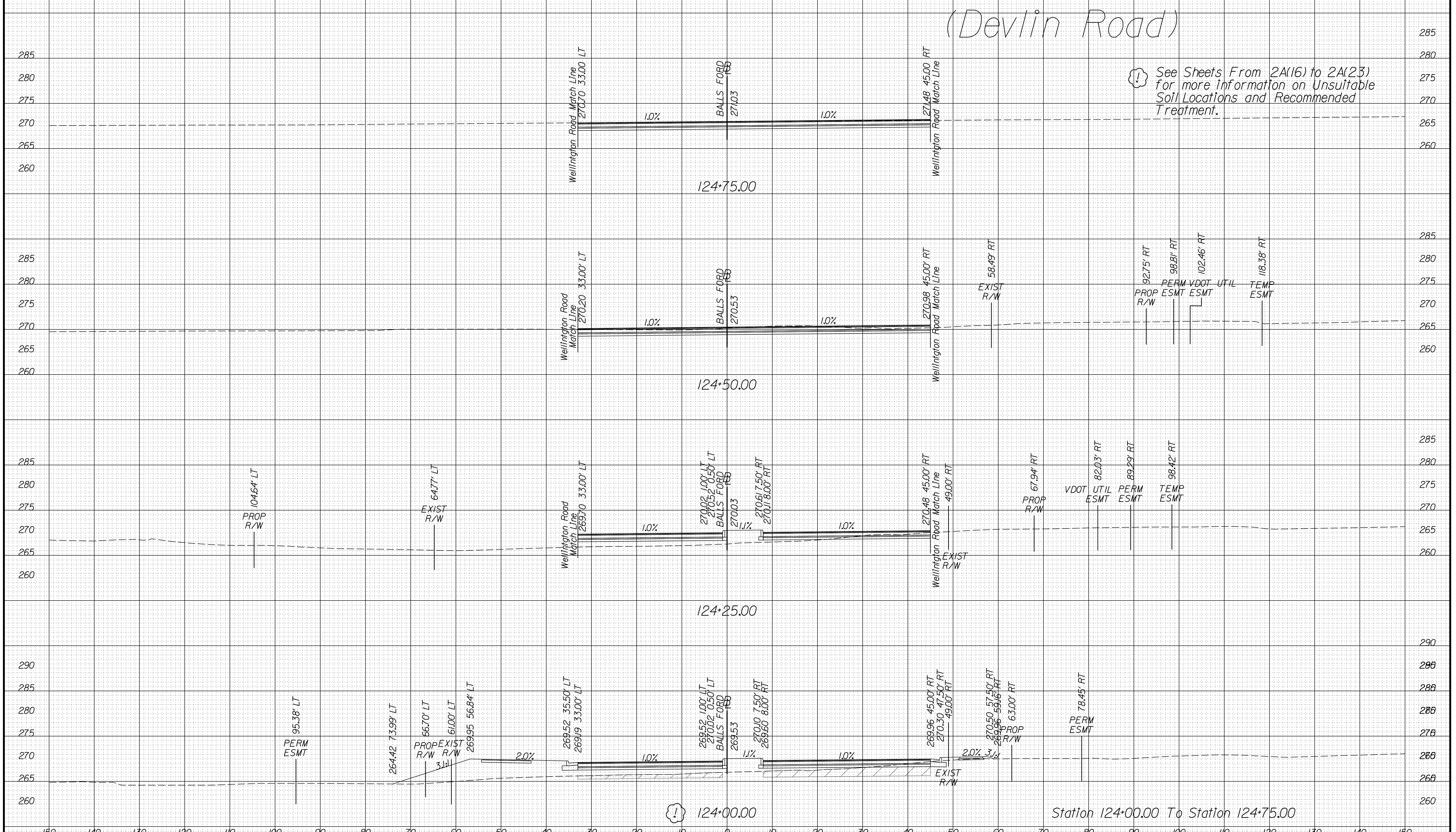
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X26 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621 (Devlin Road)

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



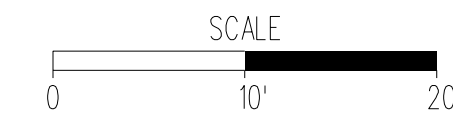
Station 124+00.00 To Station 124+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

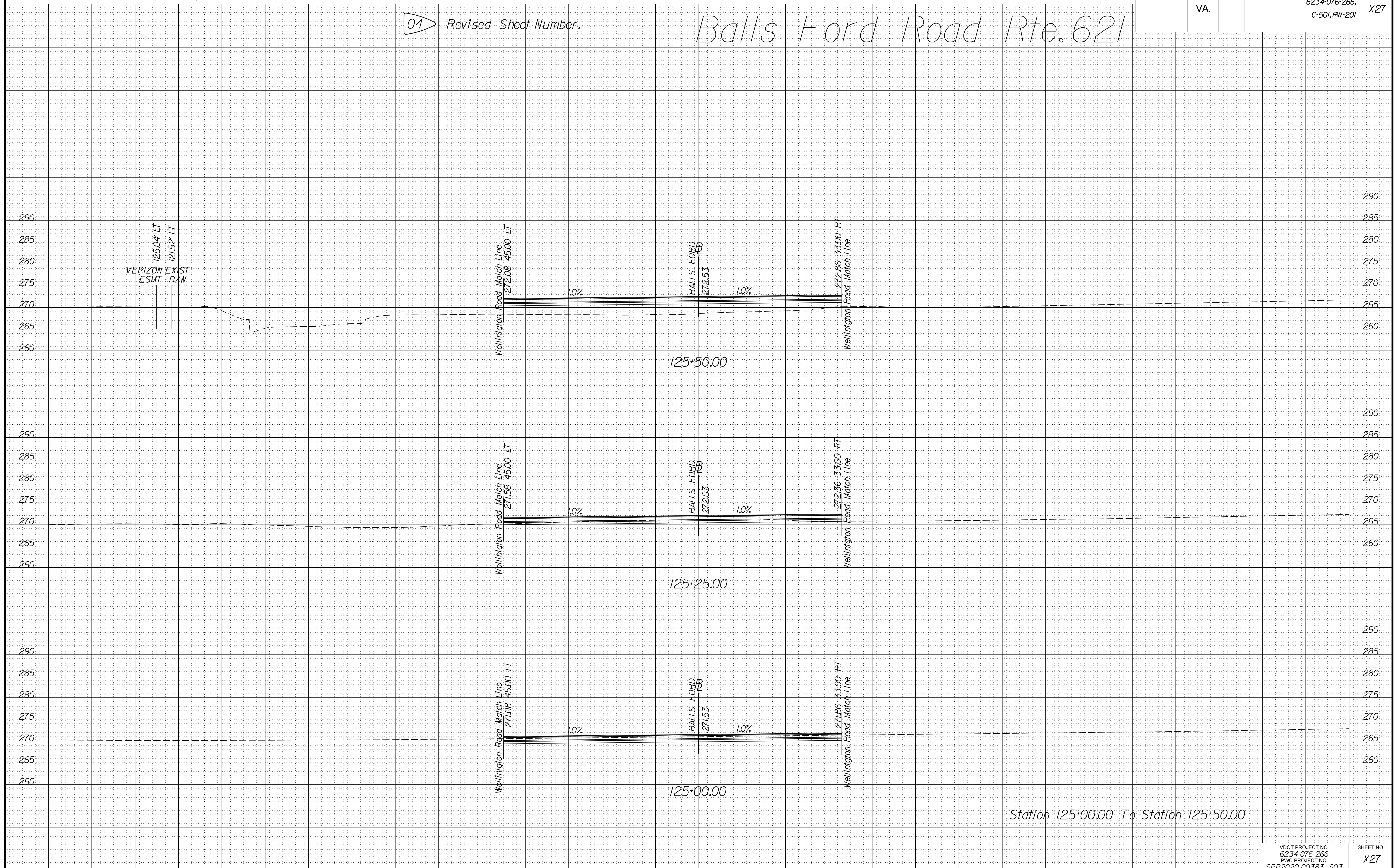


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE | STATE                          | SHEET NO. |
|                         | ROUTE | PROJECT                        |           |
| VA.                     |       | 6234-076-266,<br>C-501, RW-201 | X27       |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621



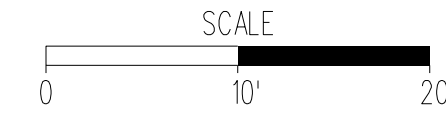
Station 125+00.00 To Station 125+50.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



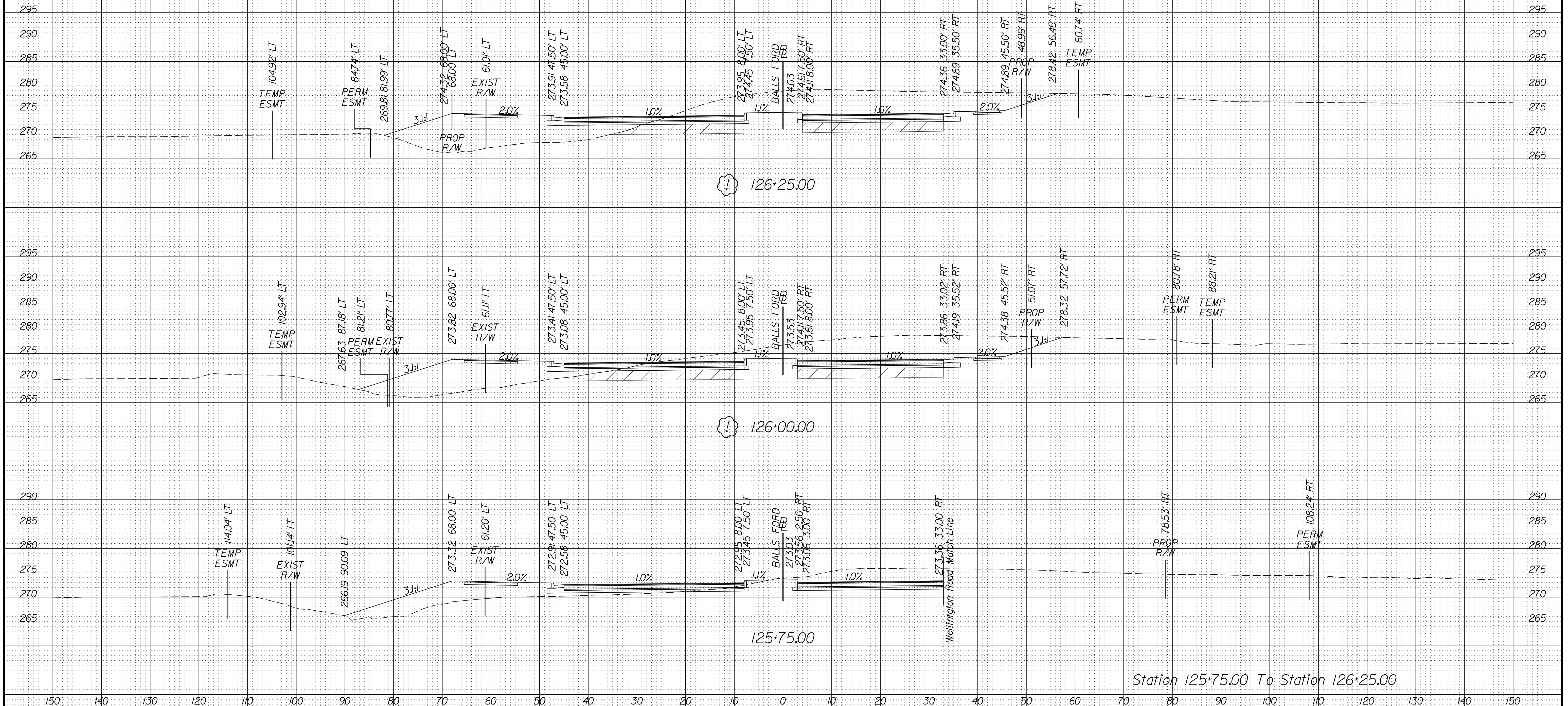
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X28 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



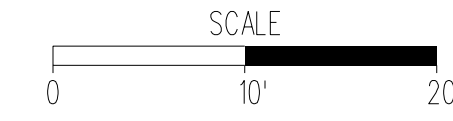
Station 125+75.00 To Station 126+25.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



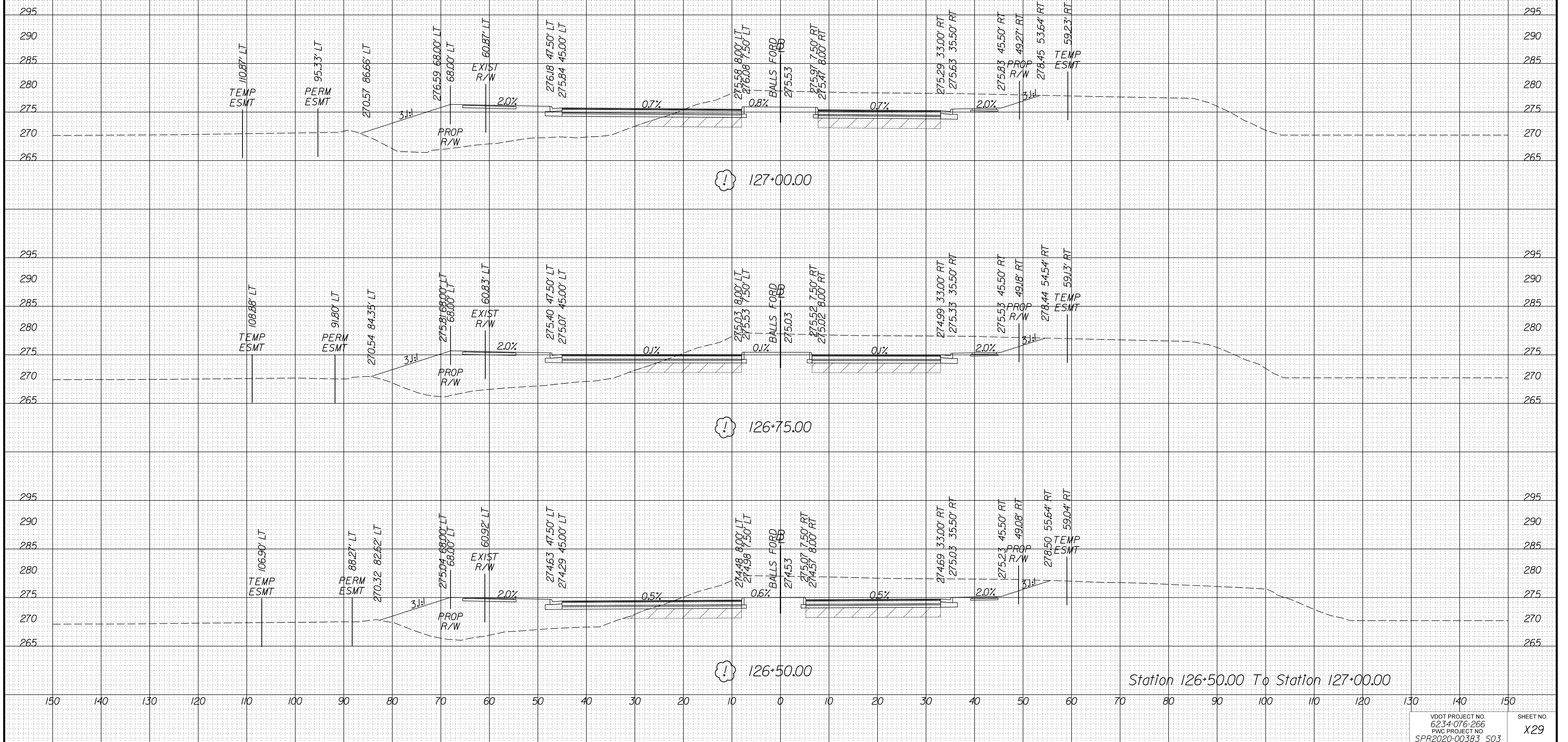
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X29 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

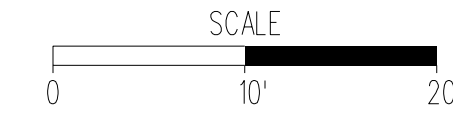


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



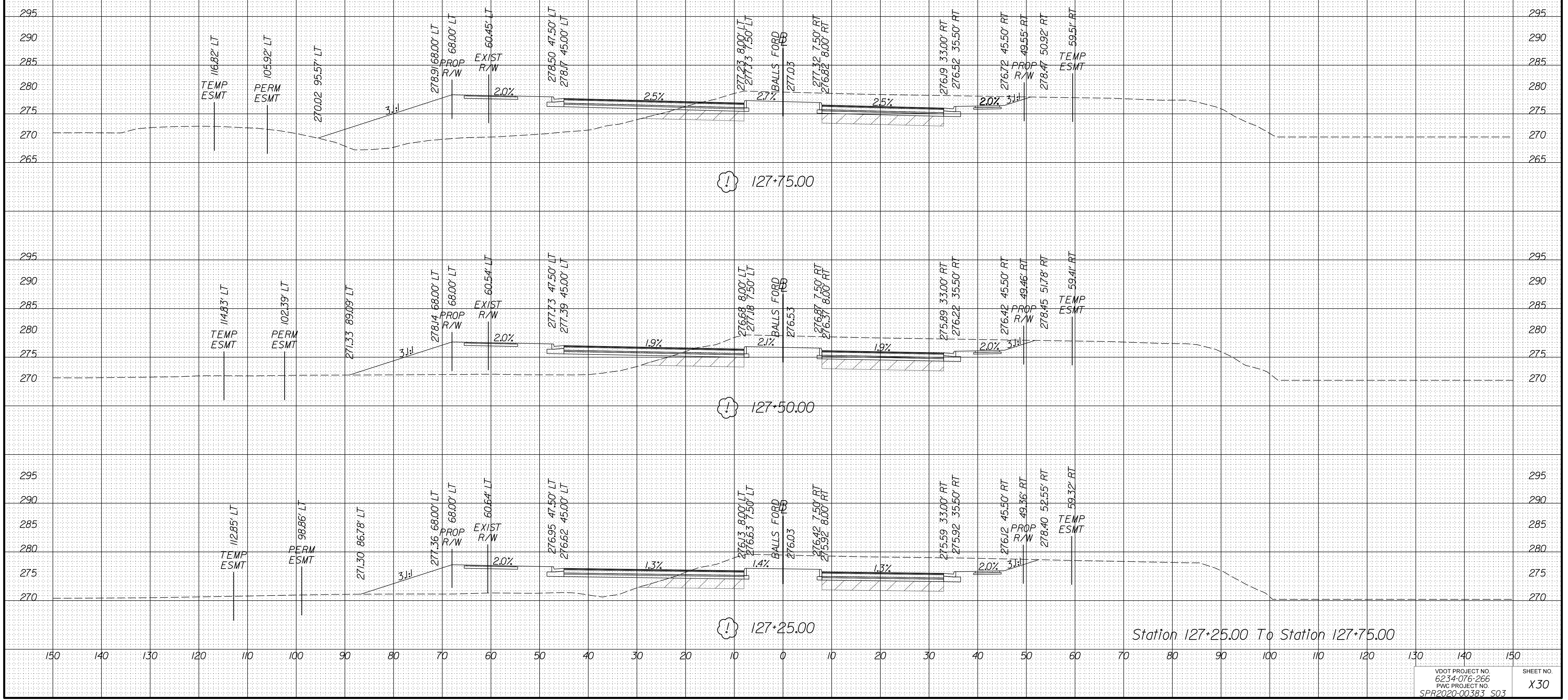
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X30 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

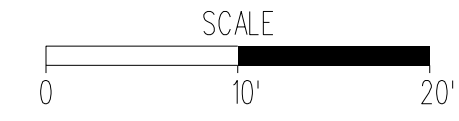


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



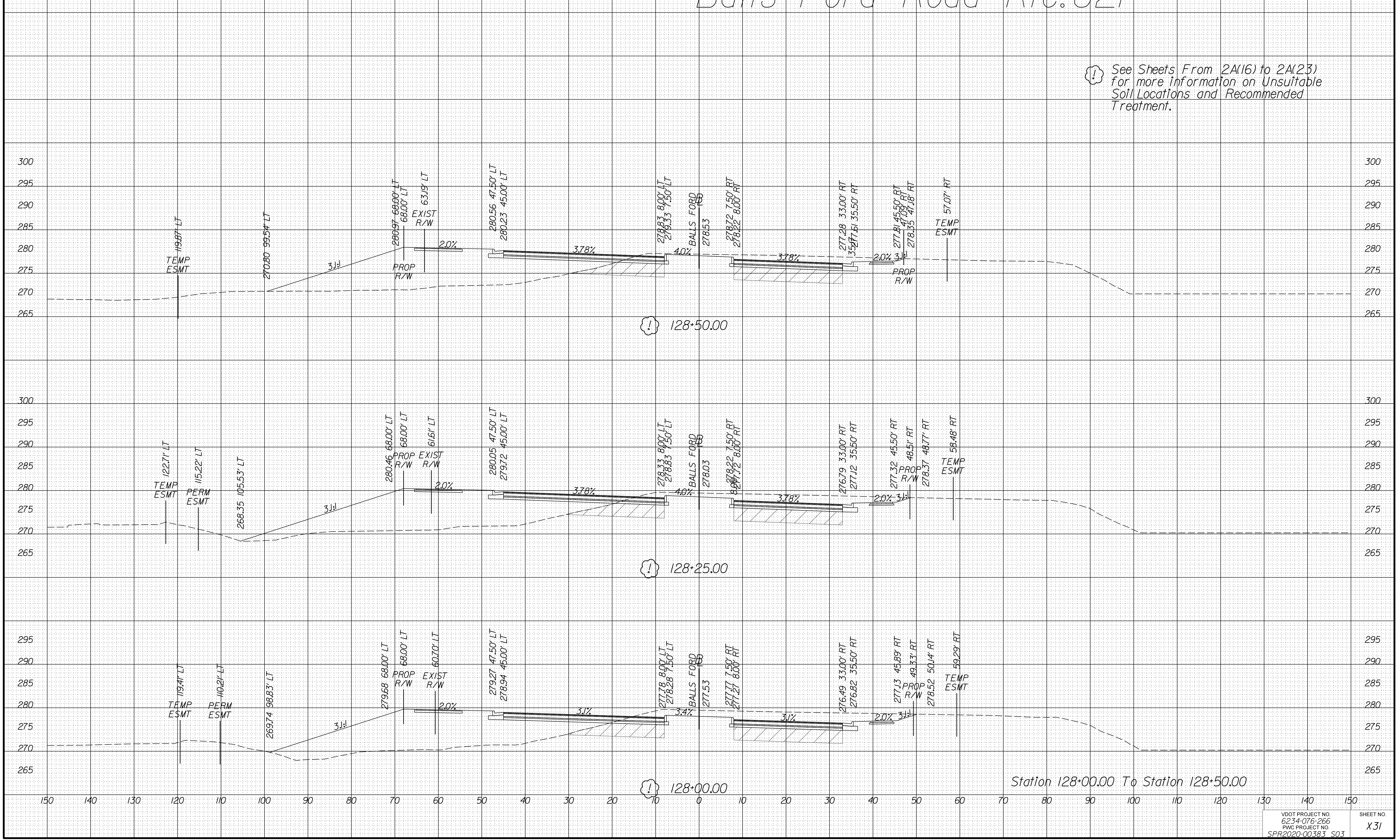
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X31 |
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04 Revised Sheet Number.

## Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



Station 128+00.00 To Station 128+50.00

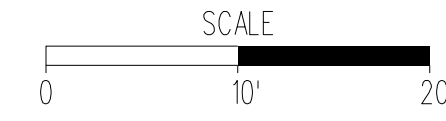


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



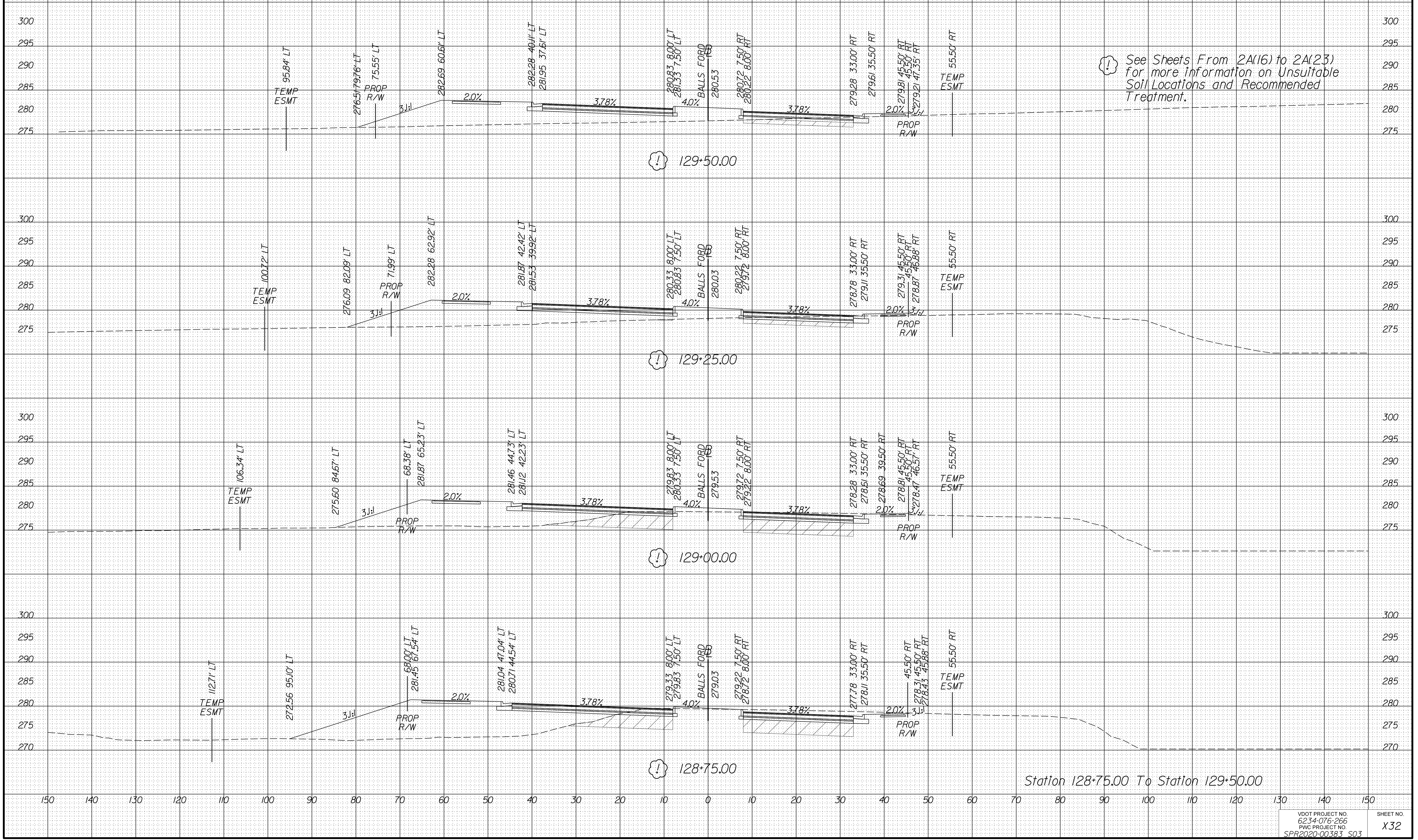
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X32</b> |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

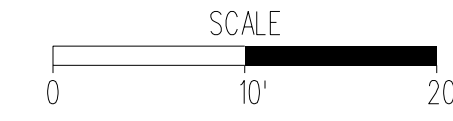


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



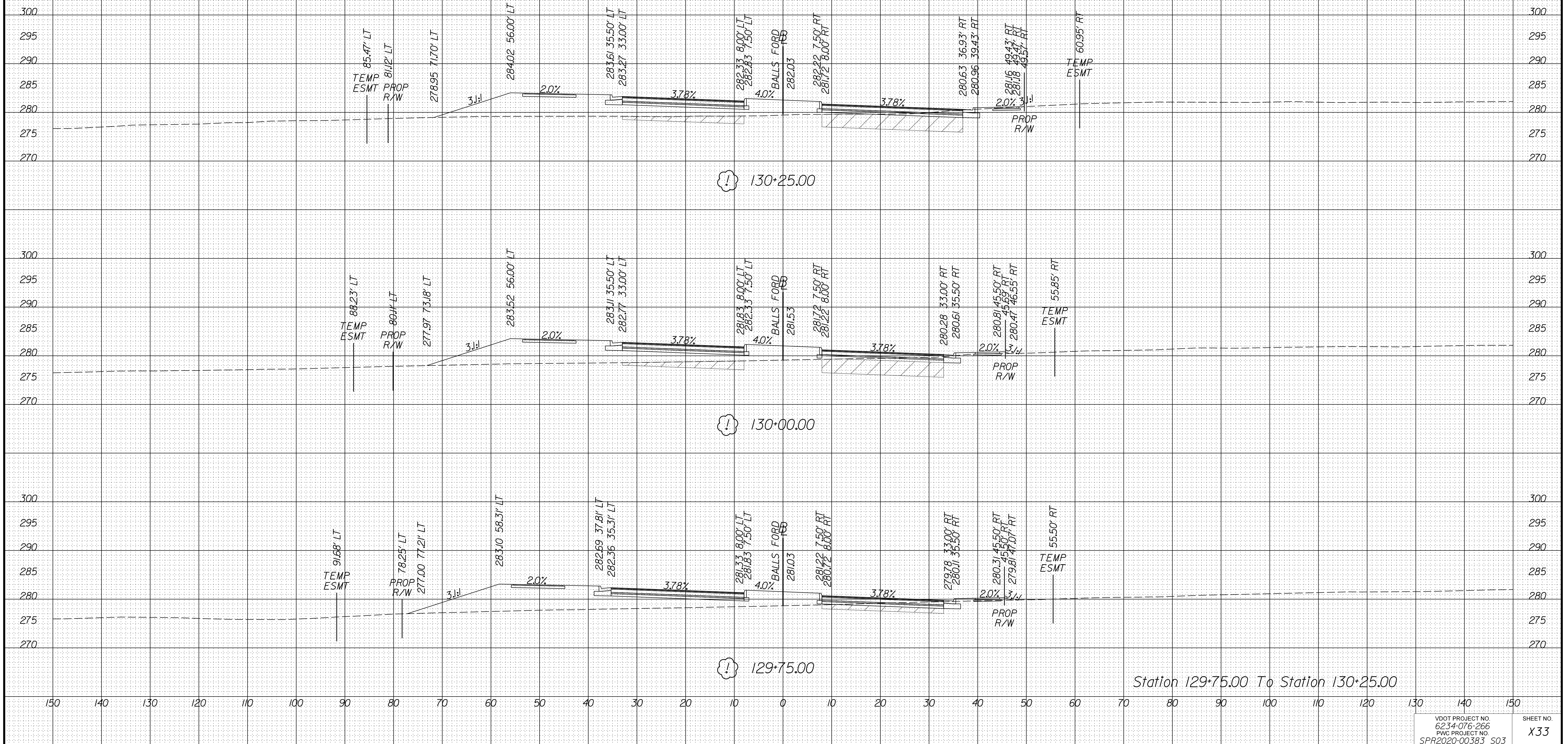
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X33 |
|------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

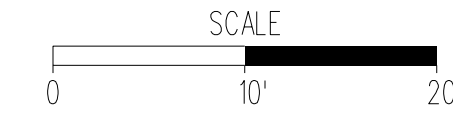


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



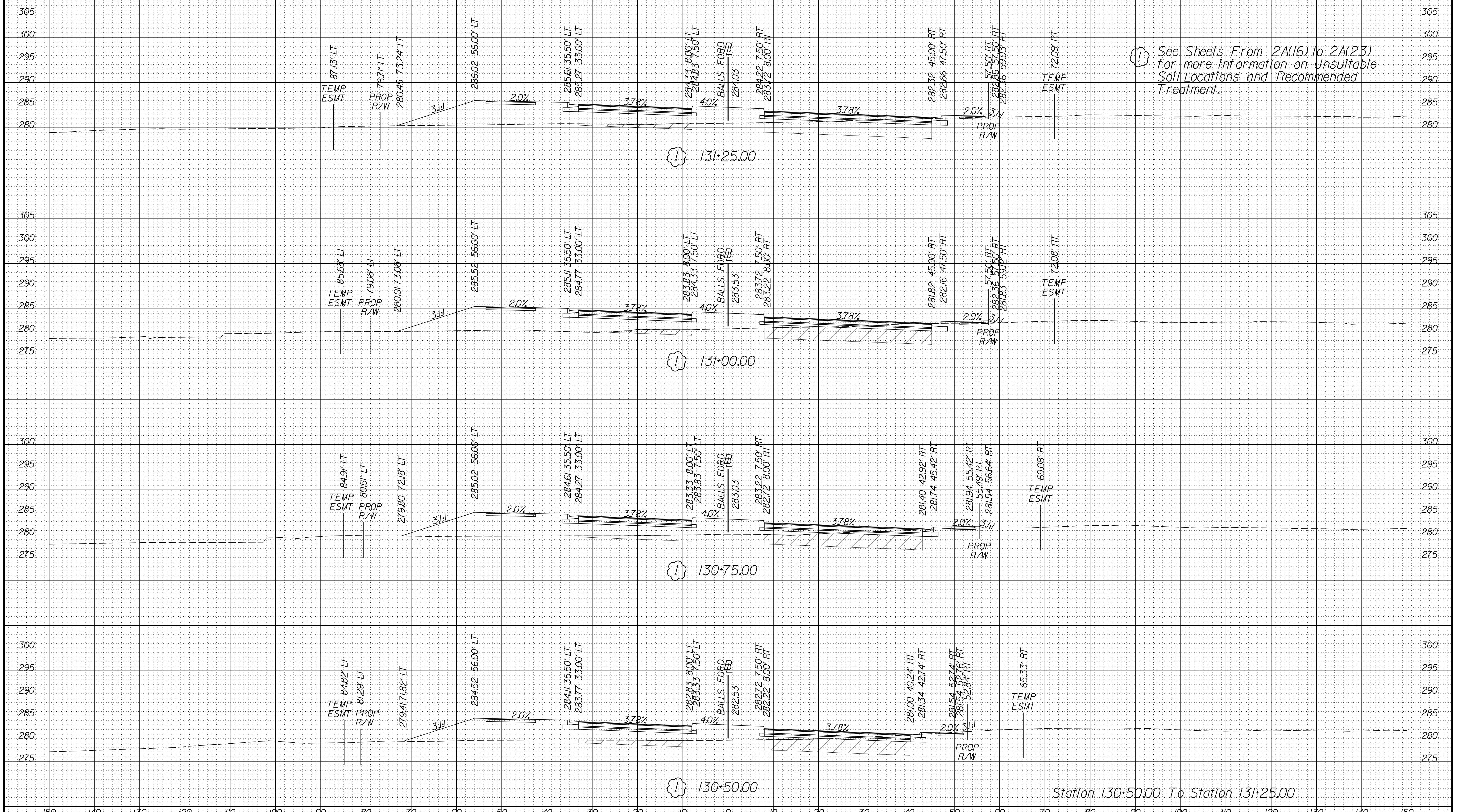
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X34 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

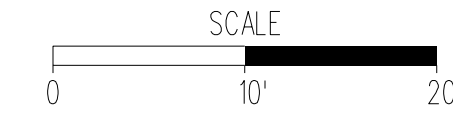


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060, May, 2020

**Materials Legend**  
Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



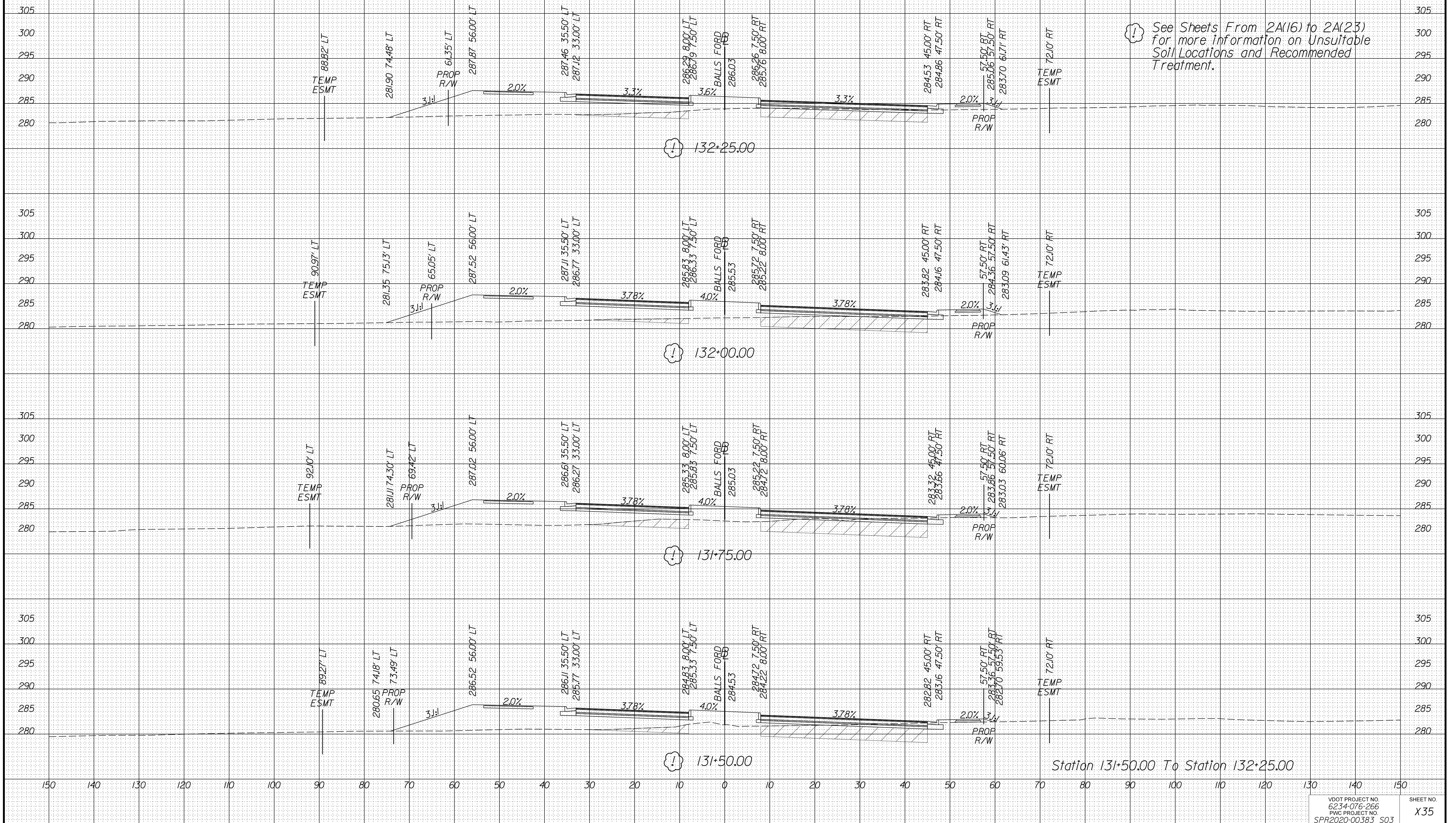
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X35       |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

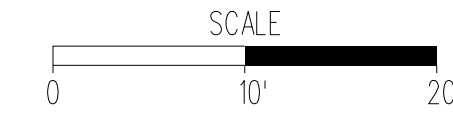


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



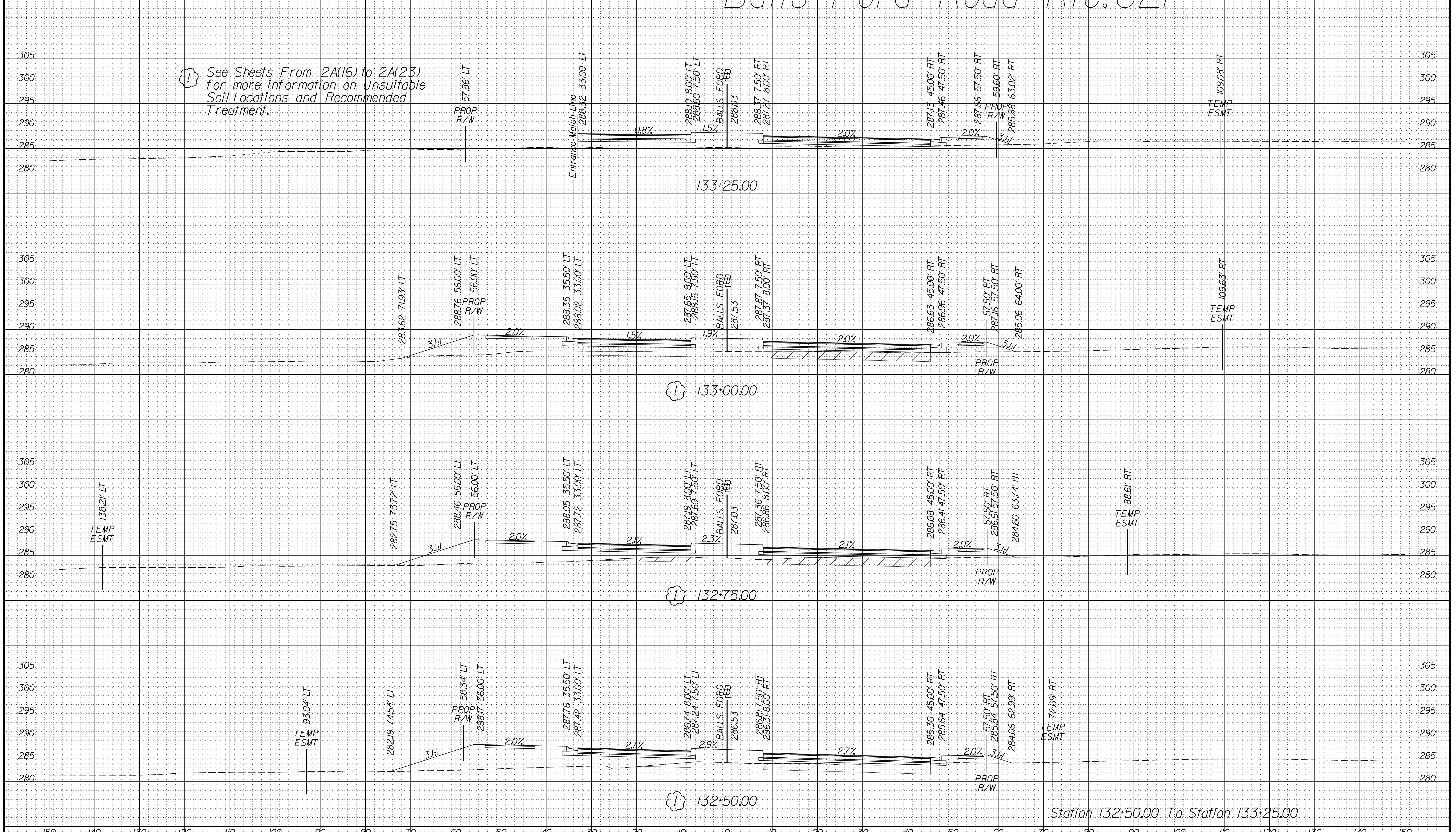
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X36 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



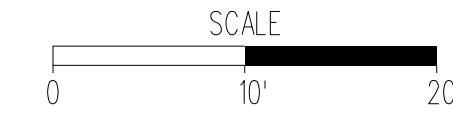
Station 132+50.00 To Station 133+25.00

PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



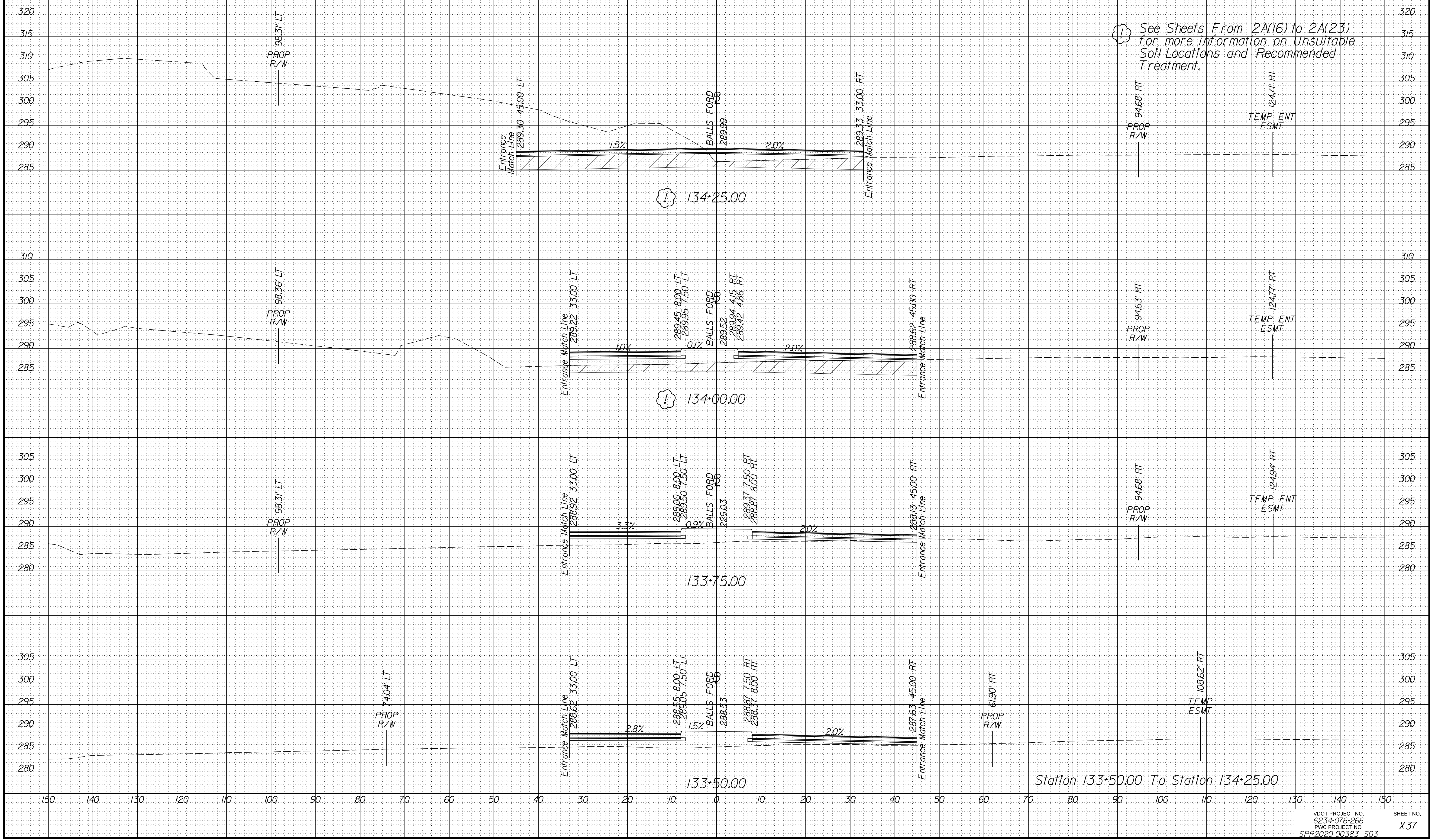
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X37</b> |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

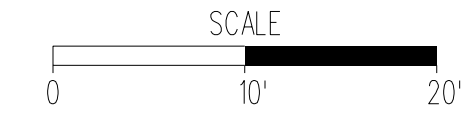


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



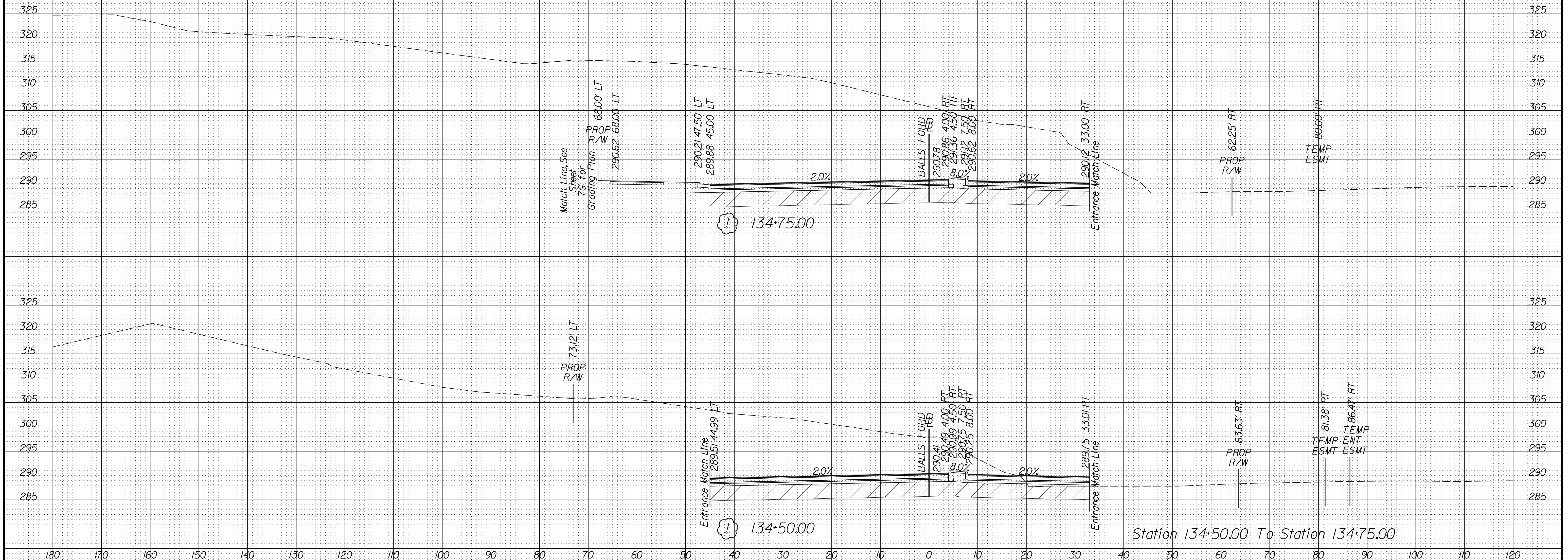
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X38 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



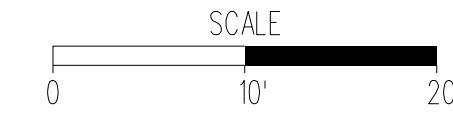
Station 134+50.00 To Station 134+75.00

PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



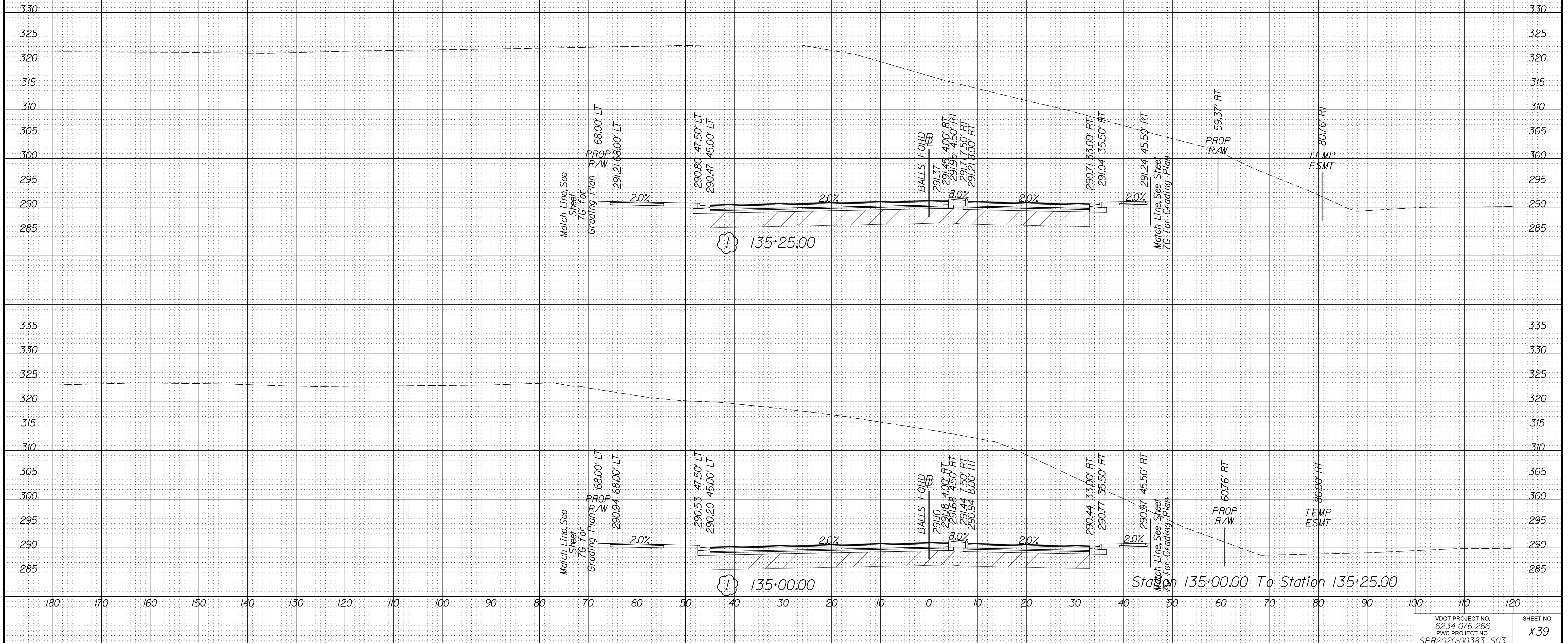
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X39 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



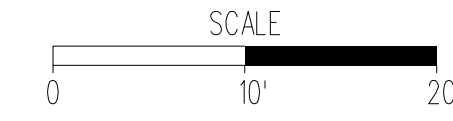


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



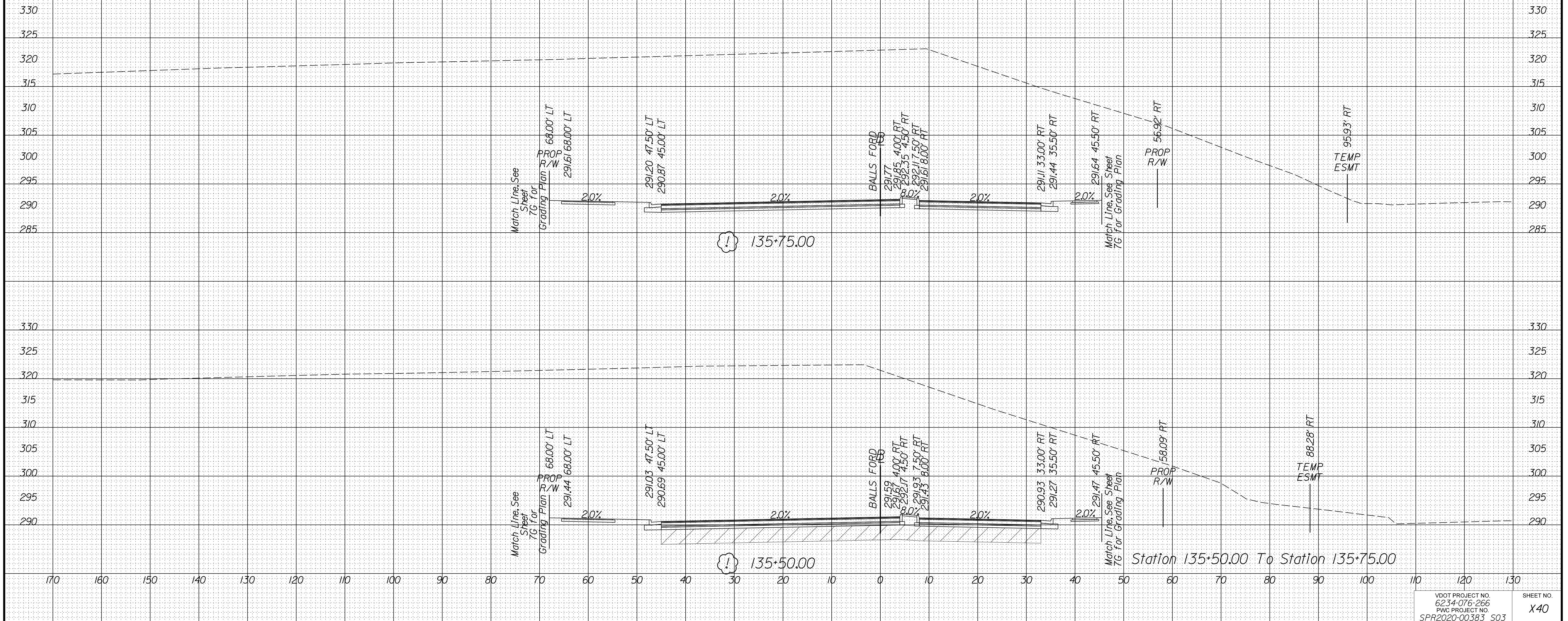
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X40 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

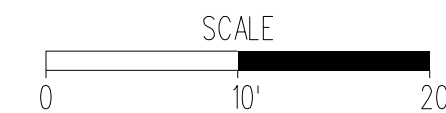


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
▨ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



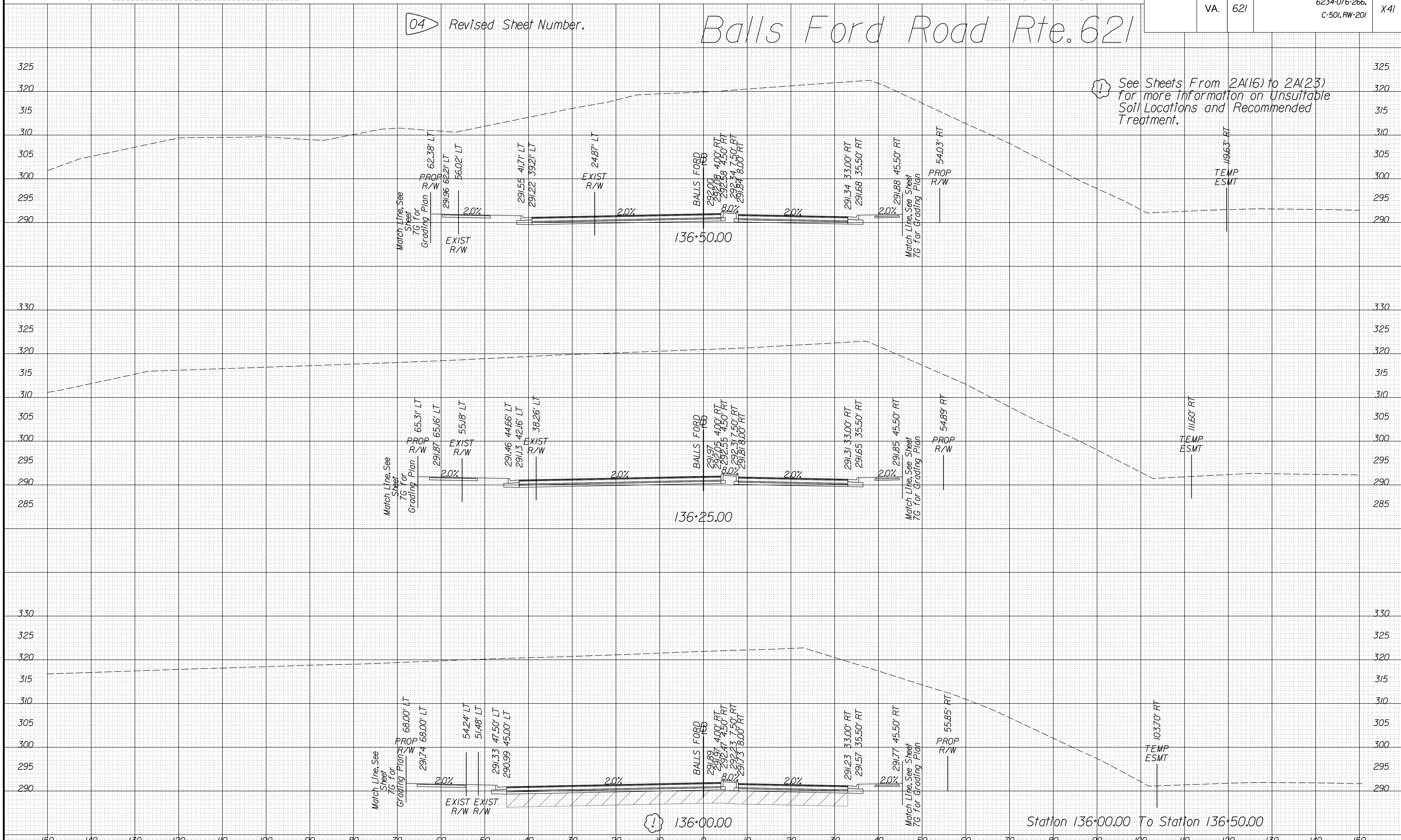
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X41</b> |
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04 Revised Sheet Number.

## Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



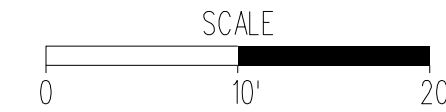
Station 136+00.00 To Station 136+50.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



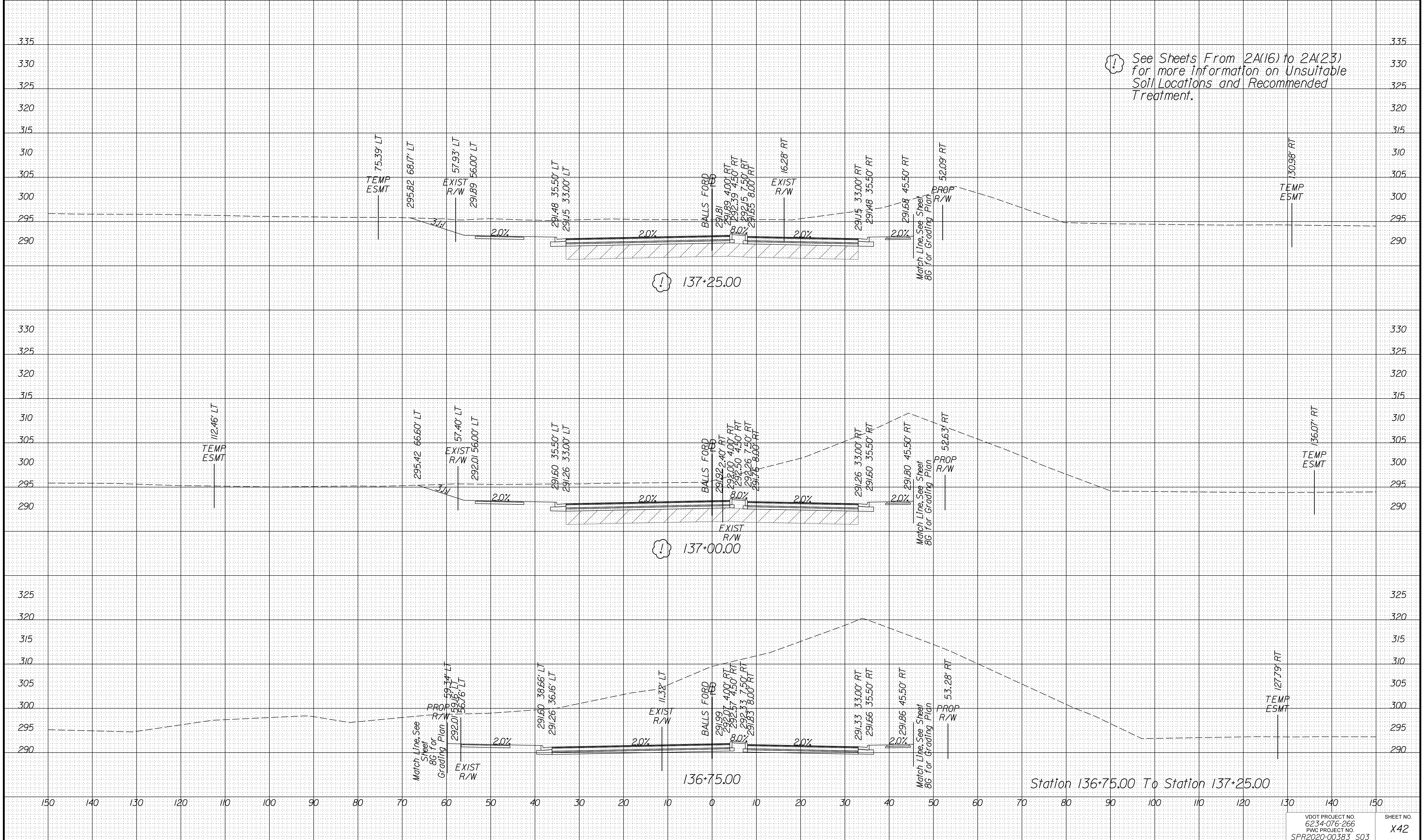
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X42</b> |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

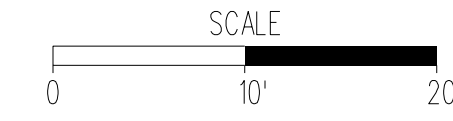


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
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SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060, May 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

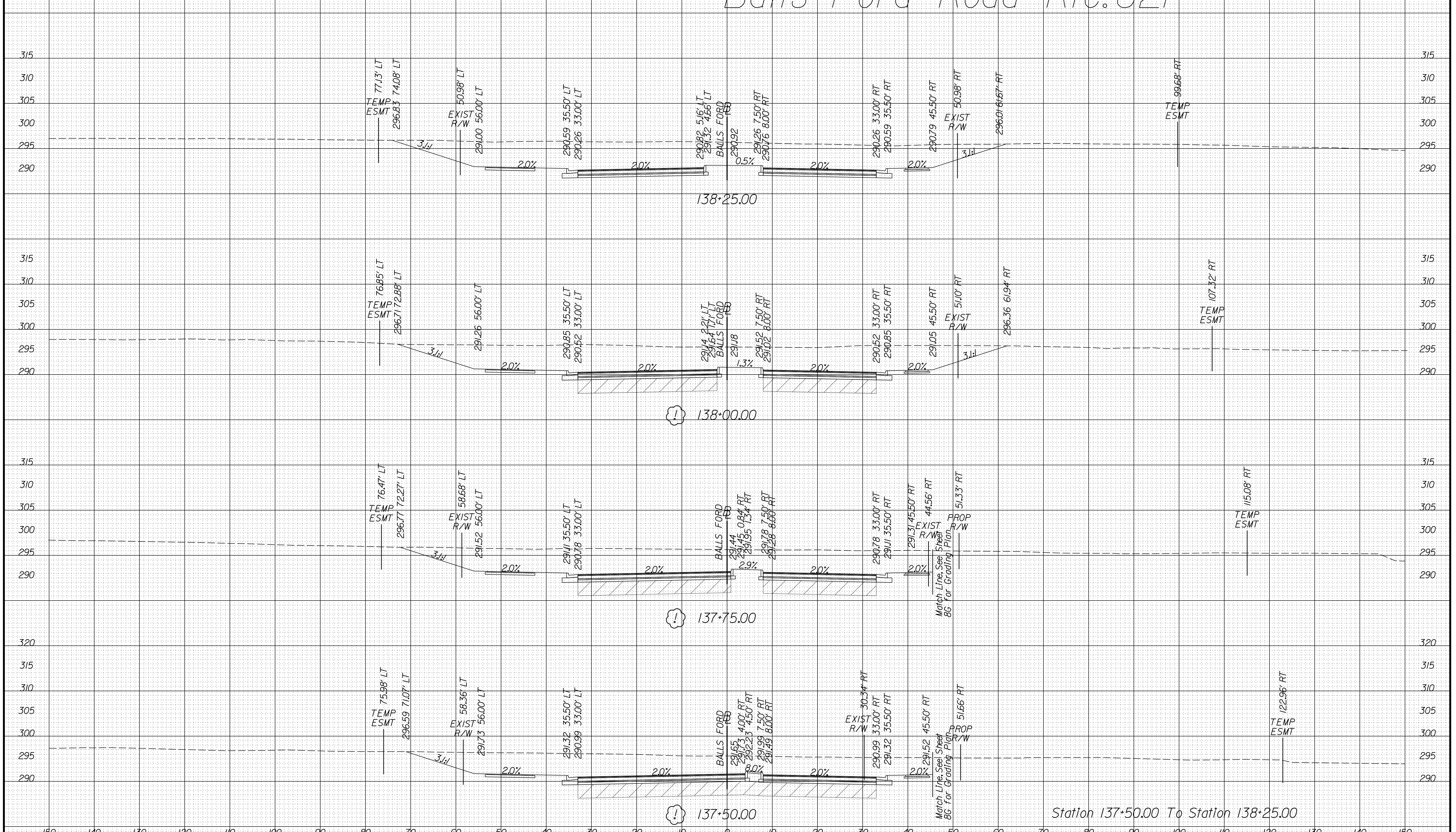


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X43</b> |
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04 Revised Sheet Number.

## Balls Ford Road Rte. 621



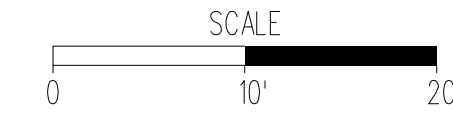
Station 137+50.00 To Station 138+25.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
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SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

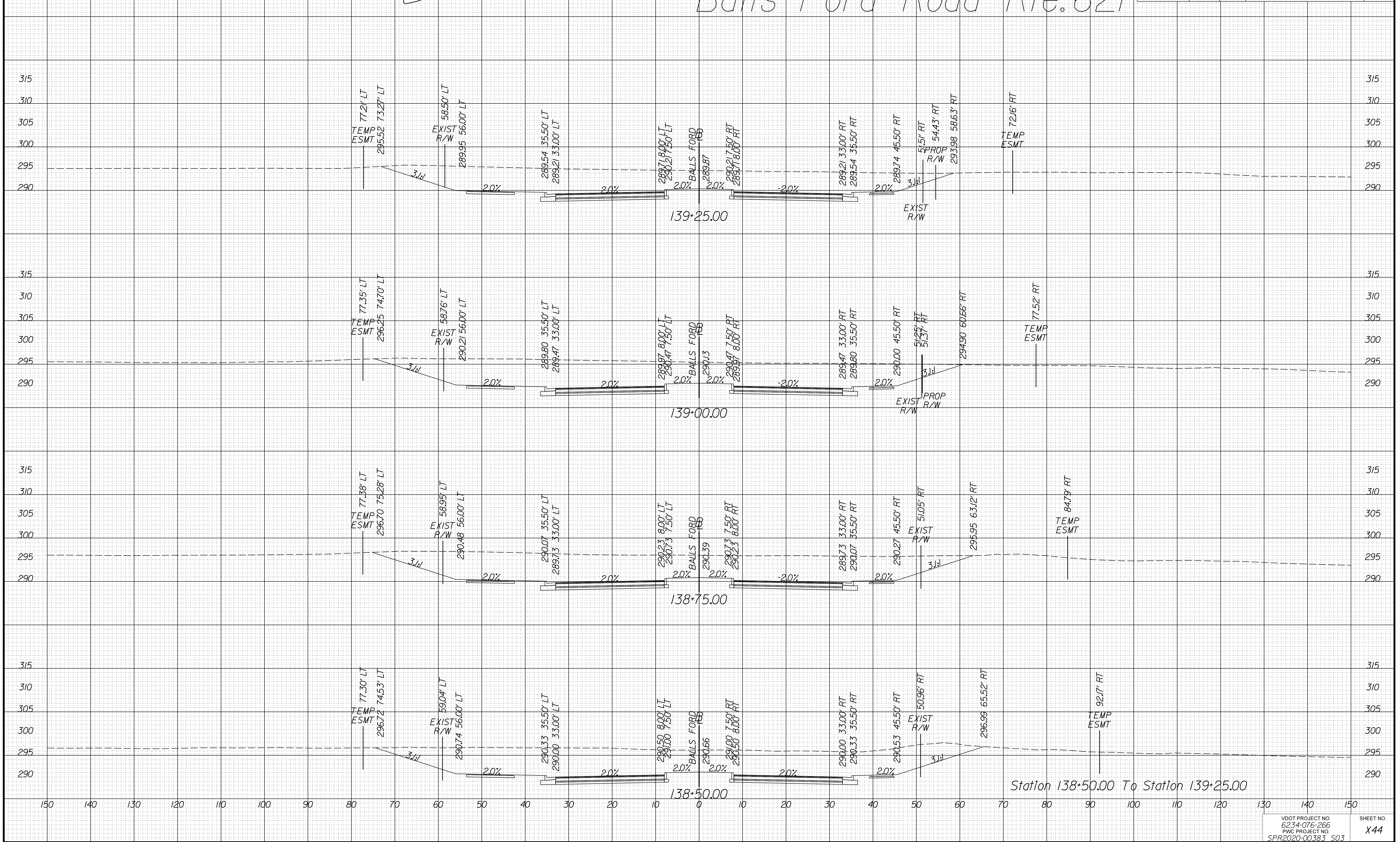


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X44 |
|------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621



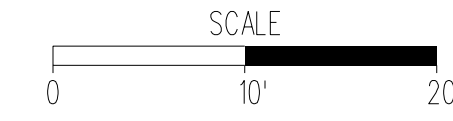
Station 138+50.00 To Station 139+25.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates, Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060, May 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

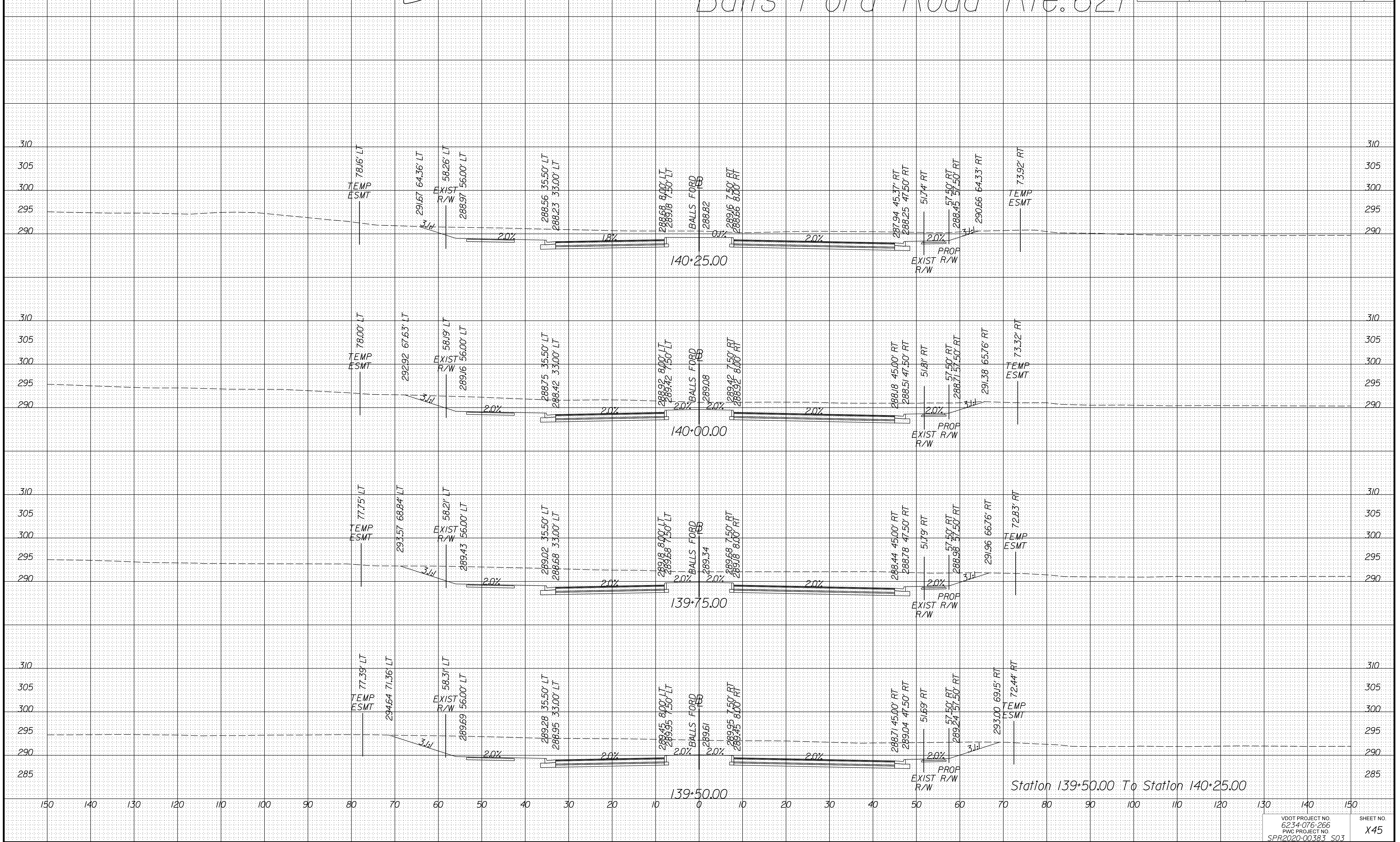


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X45 |
|------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

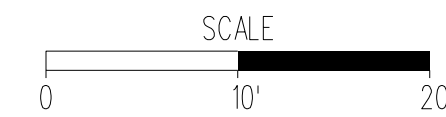


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



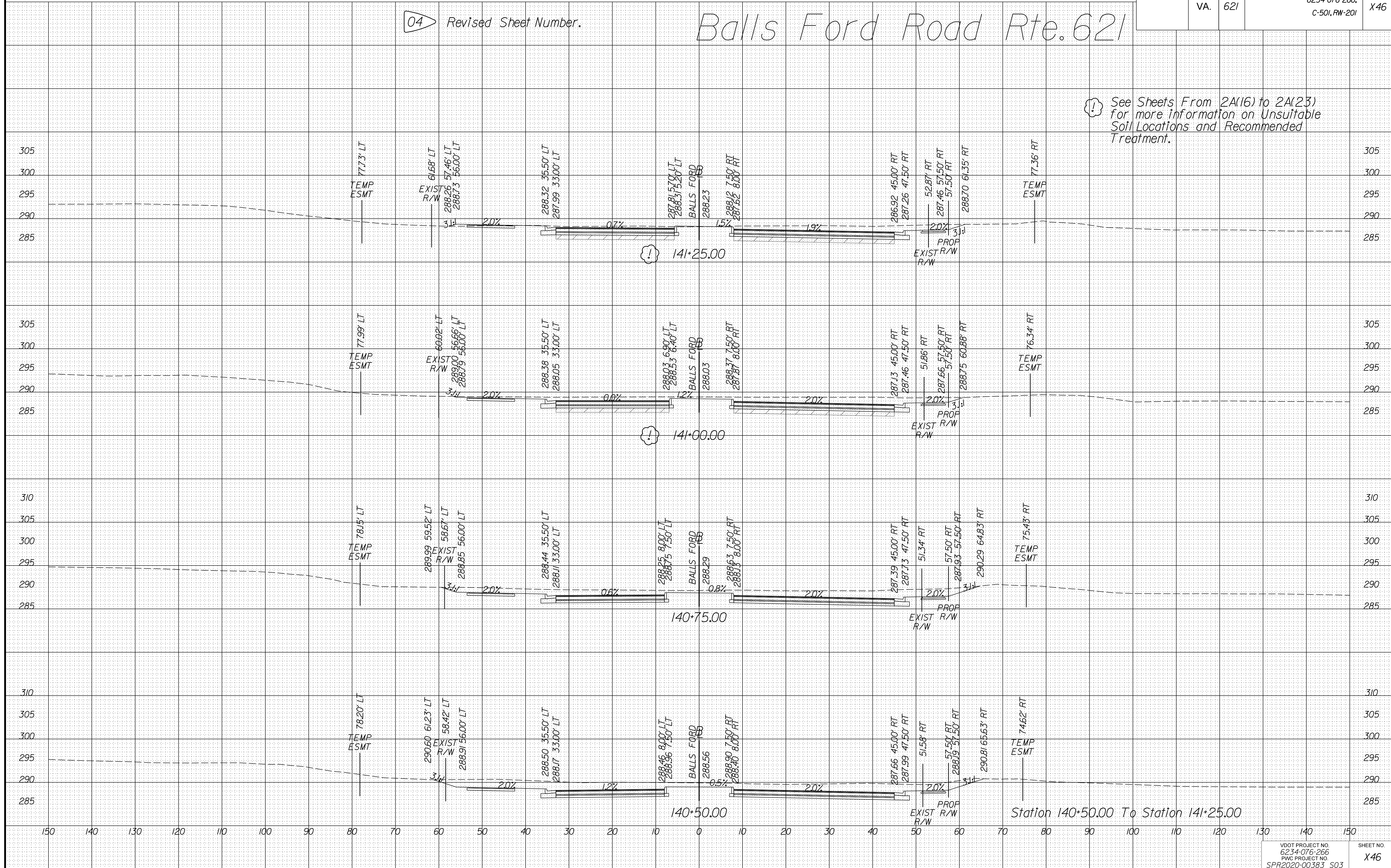
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X46 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

## Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

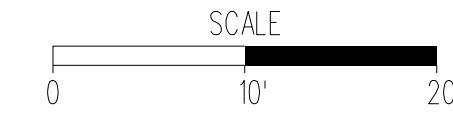


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



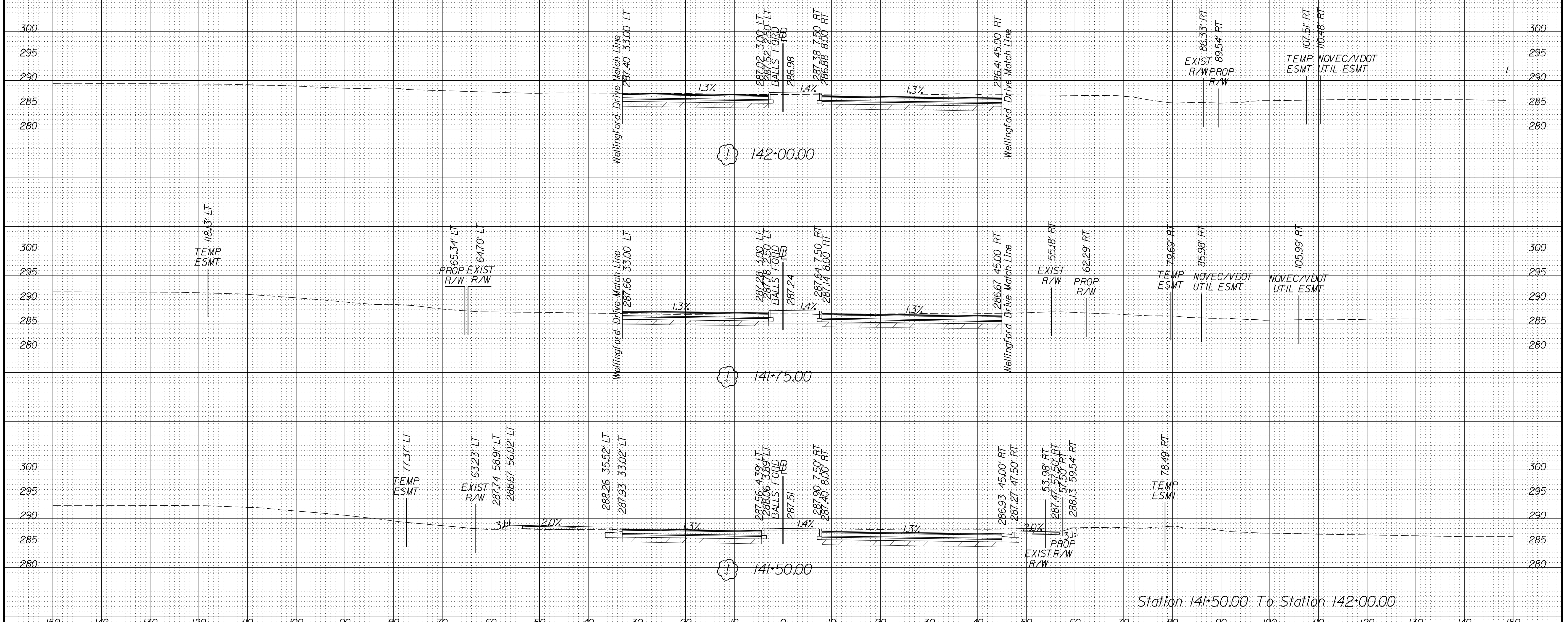
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X47</b> |
|-------------------------|--------------|--------------|--|-------------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



Station 141+50.00 To Station 142+00.00

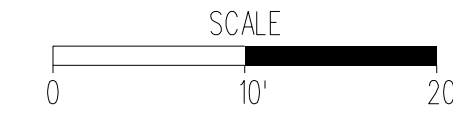


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

# CROSS SECTIONS

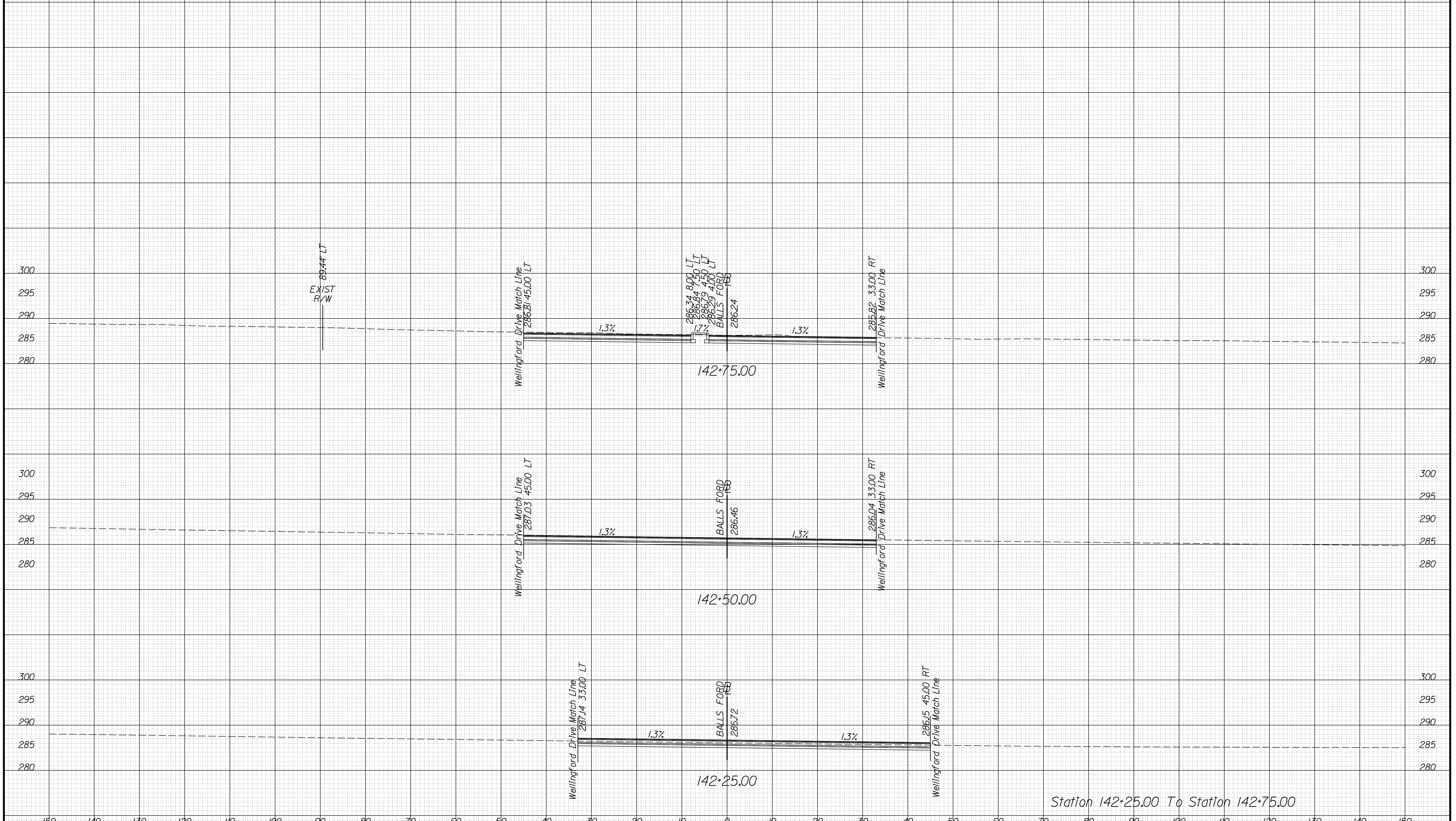
SCALE 1 IN. = 10 FT



DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X48 |
|-------------------------|--------------|-------|--|------------------|

04 Revised Sheet Number.



Station 142+25.00 To Station 142+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



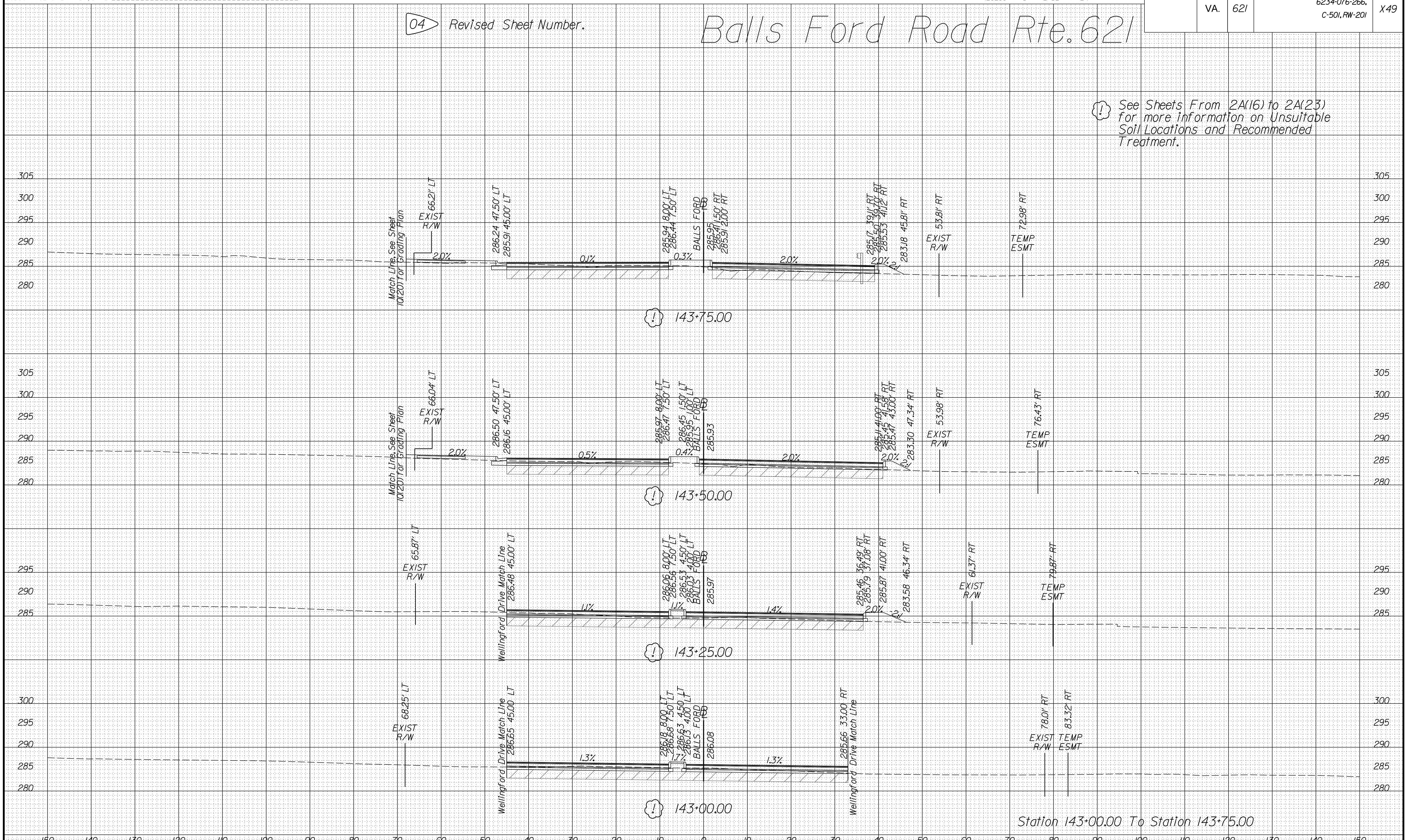
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X49 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



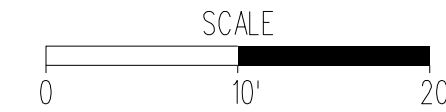
Station 143+00.00 To Station 143+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



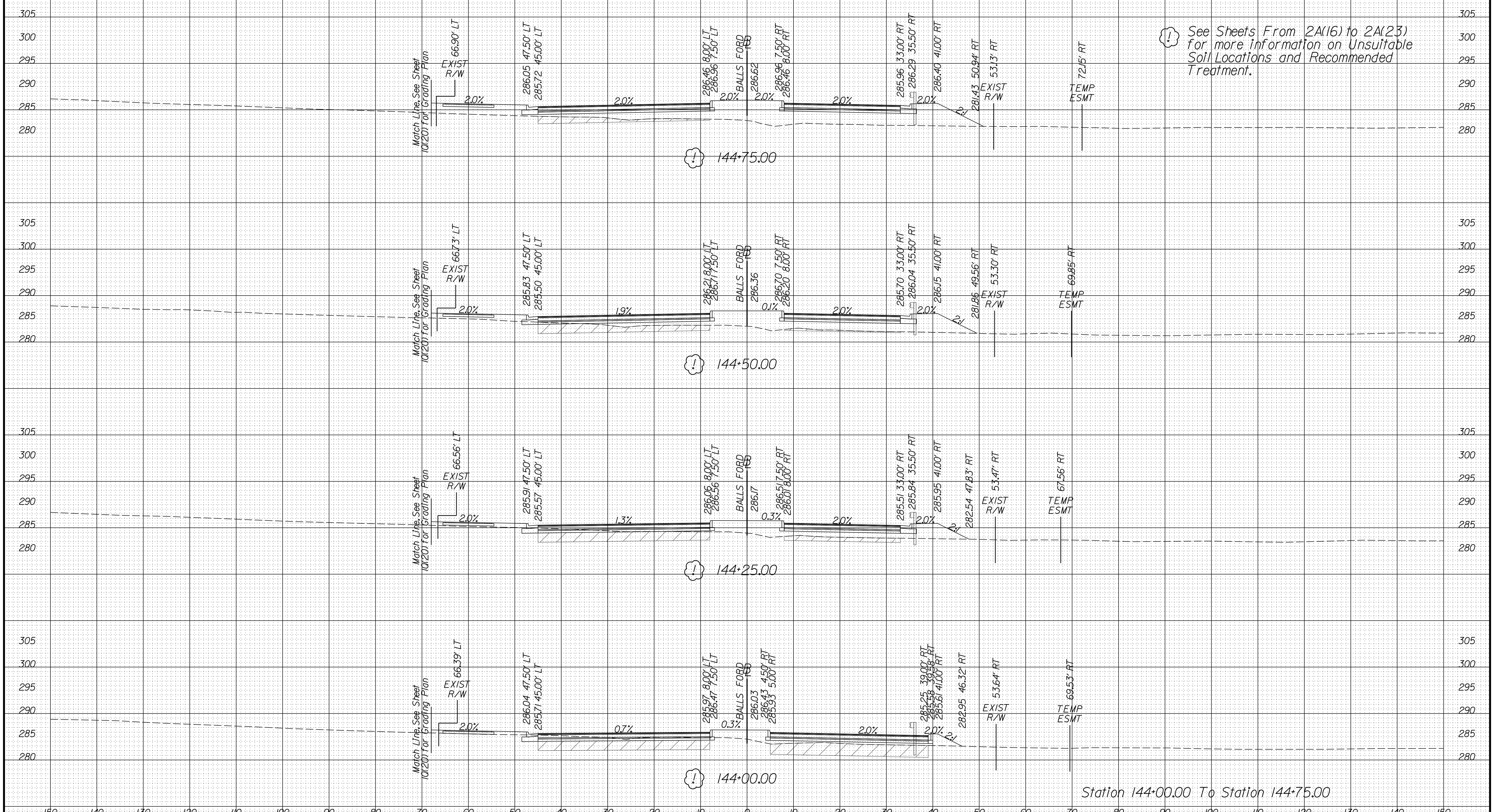
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X50</b> |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.



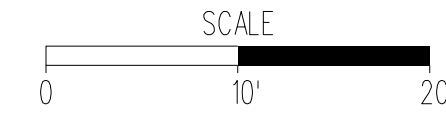
Station 144+00.00 To Station 144+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



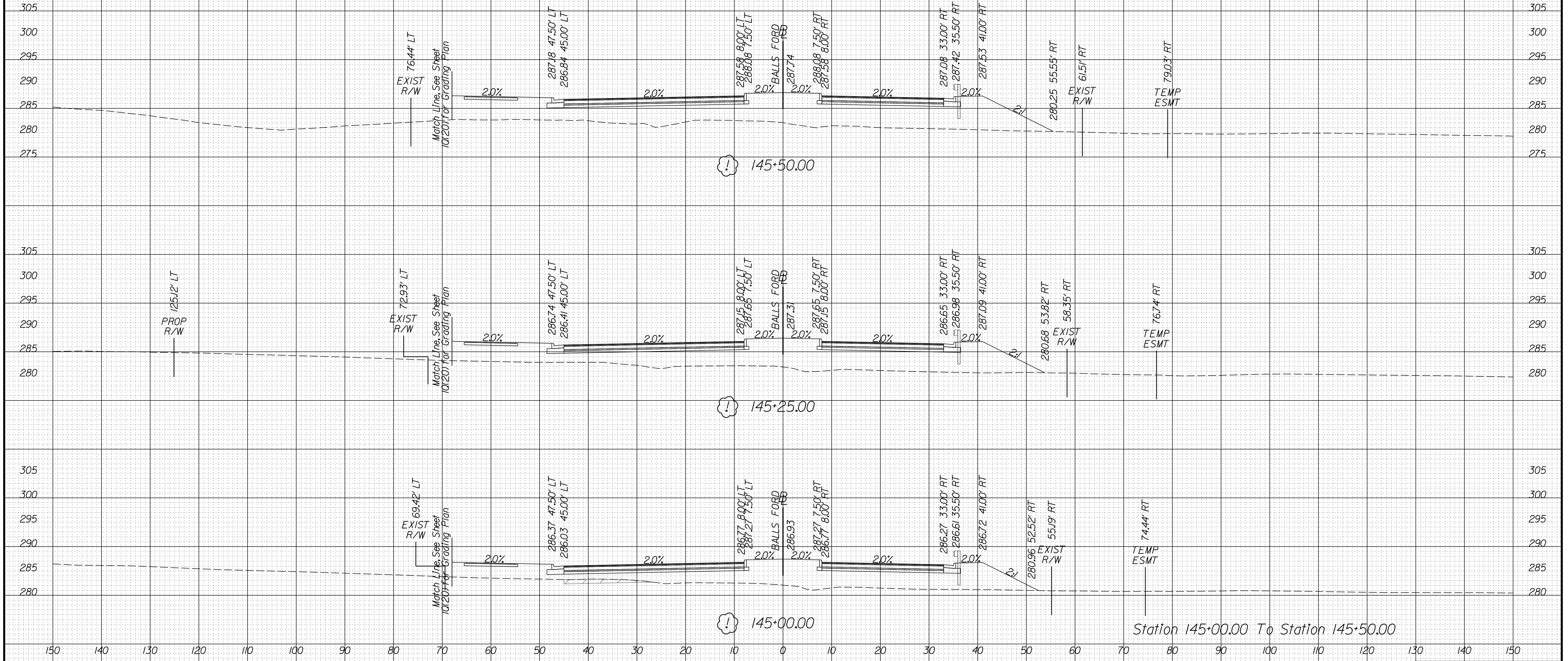
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X51 |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

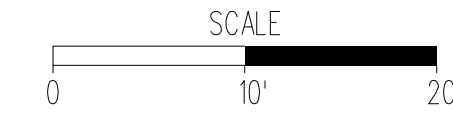


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT



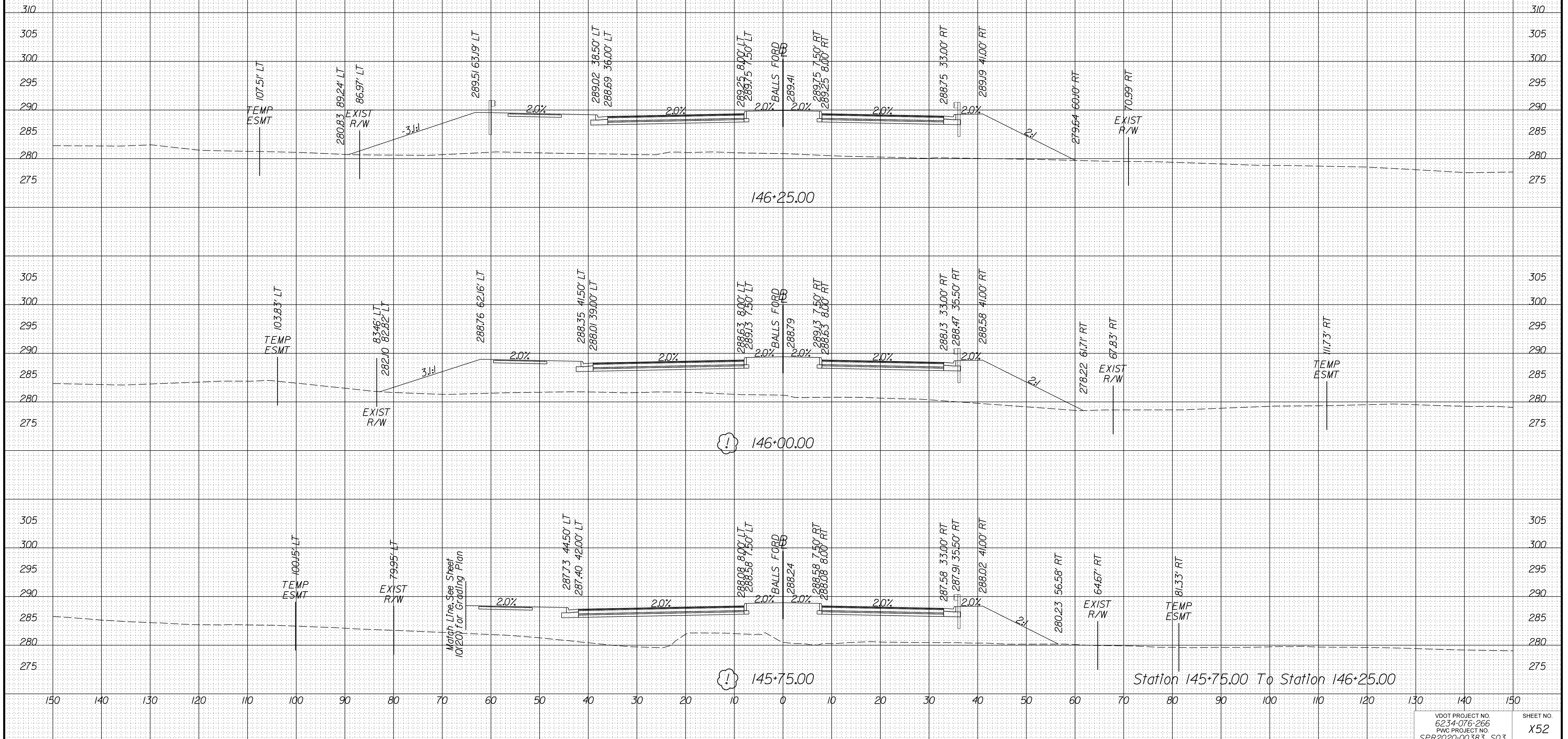
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X52 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

See Sheets From 2A(16) to 2A(23) for more information on Unsuitable Soil Locations and Recommended Treatment.

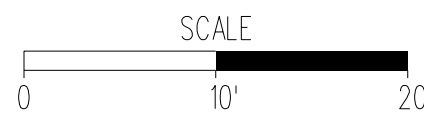


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

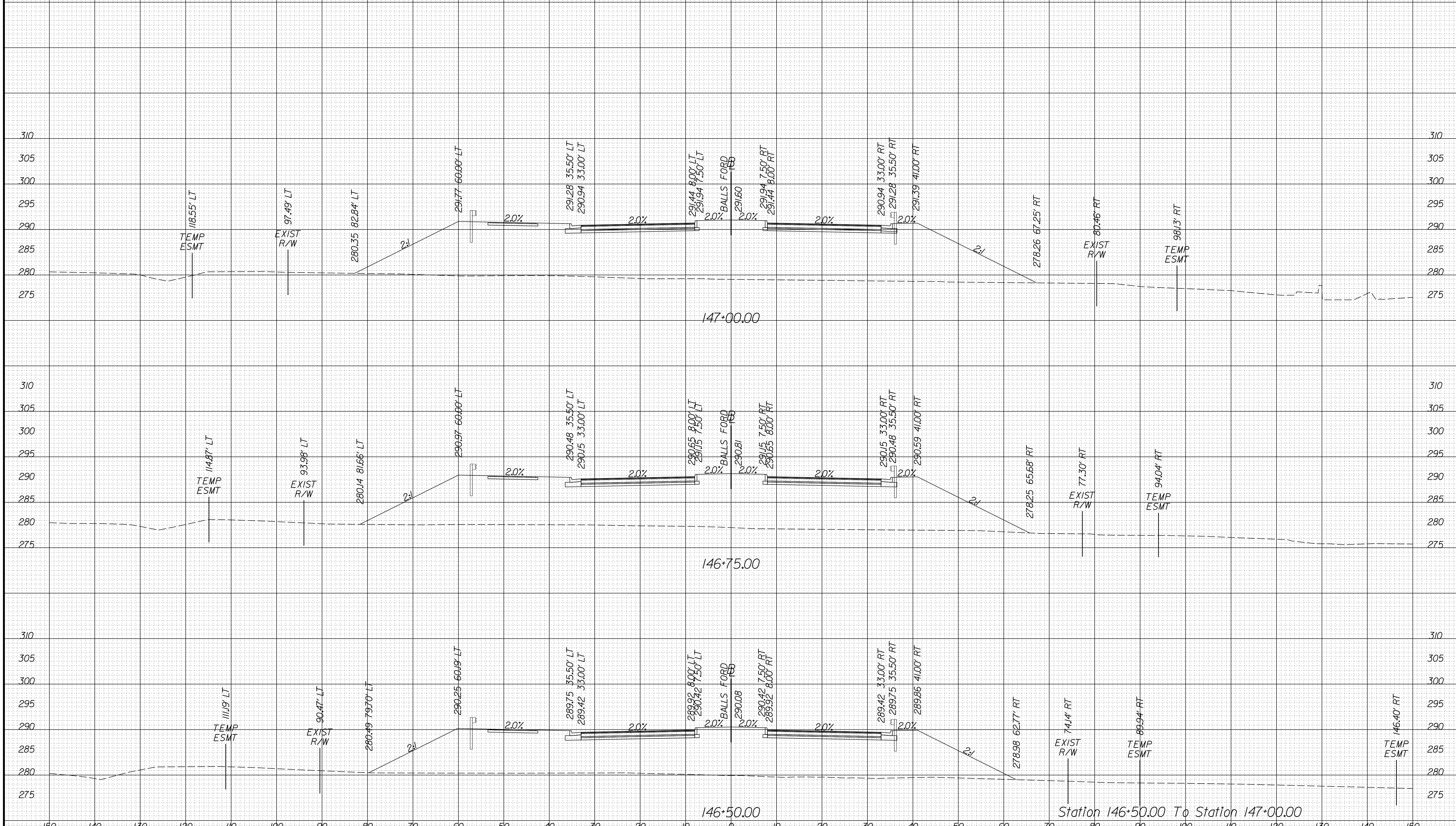


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X53</b> |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621



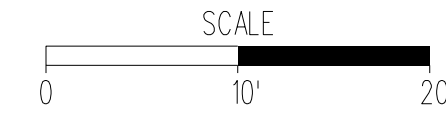
Station 146+50.00 To Station 147+00.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

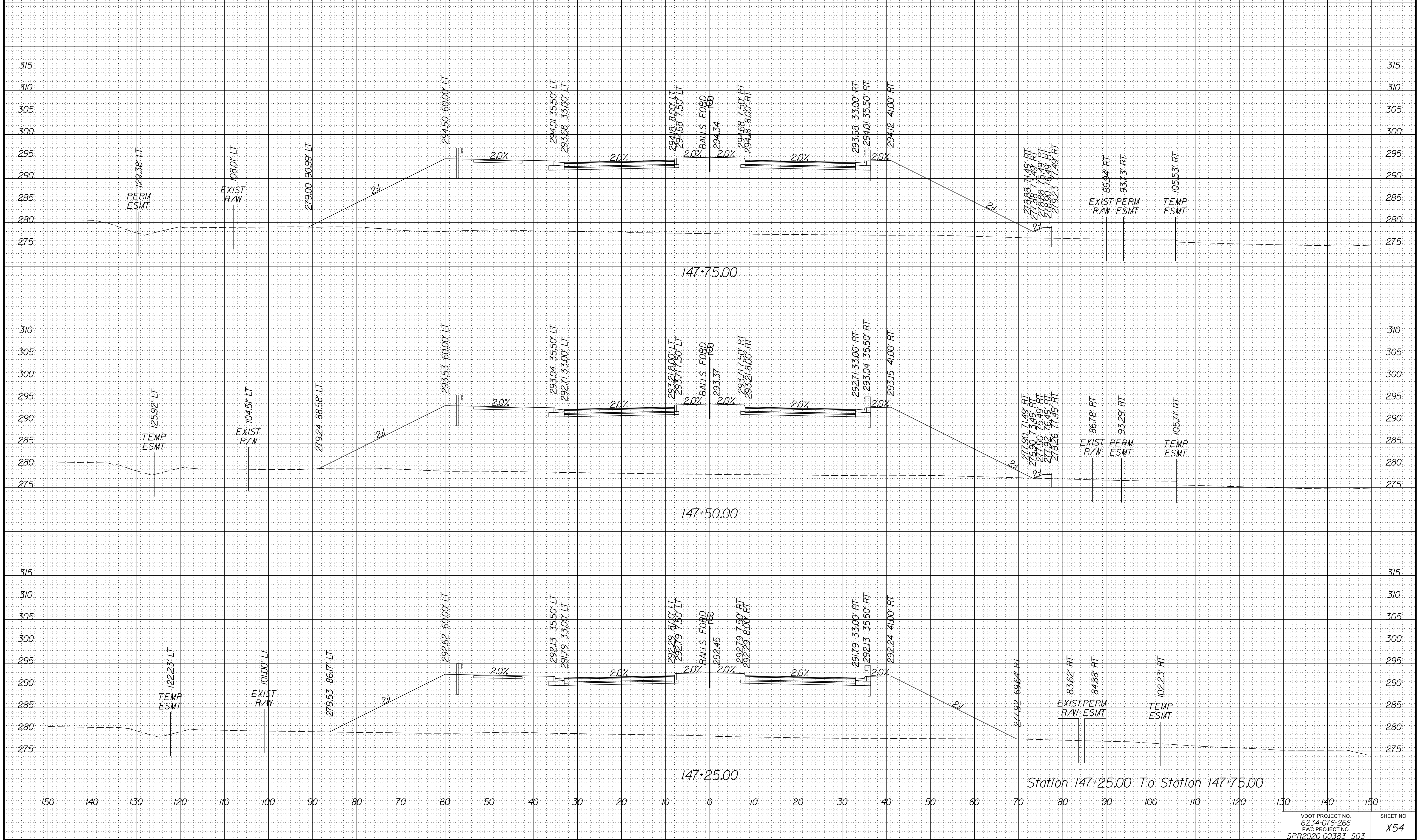


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X54</b> |
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04 Revised Sheet Number.

# Balls Ford Road Rte. 621

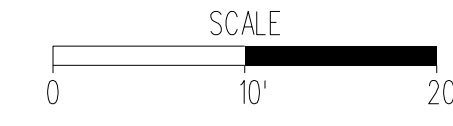


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY: DATE Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

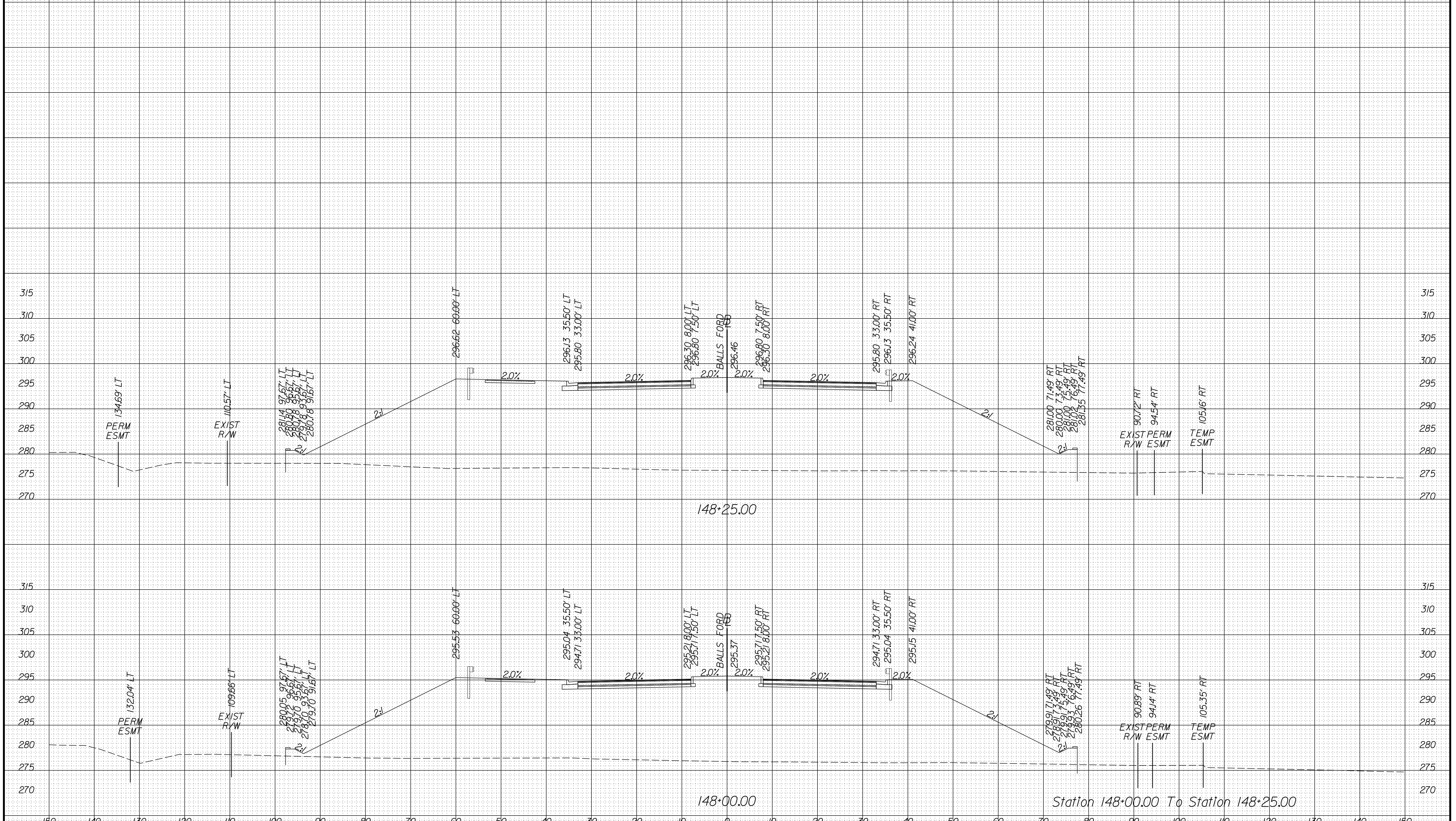


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X55 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621



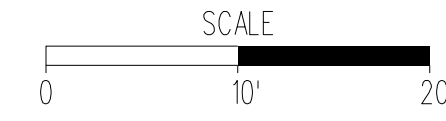


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

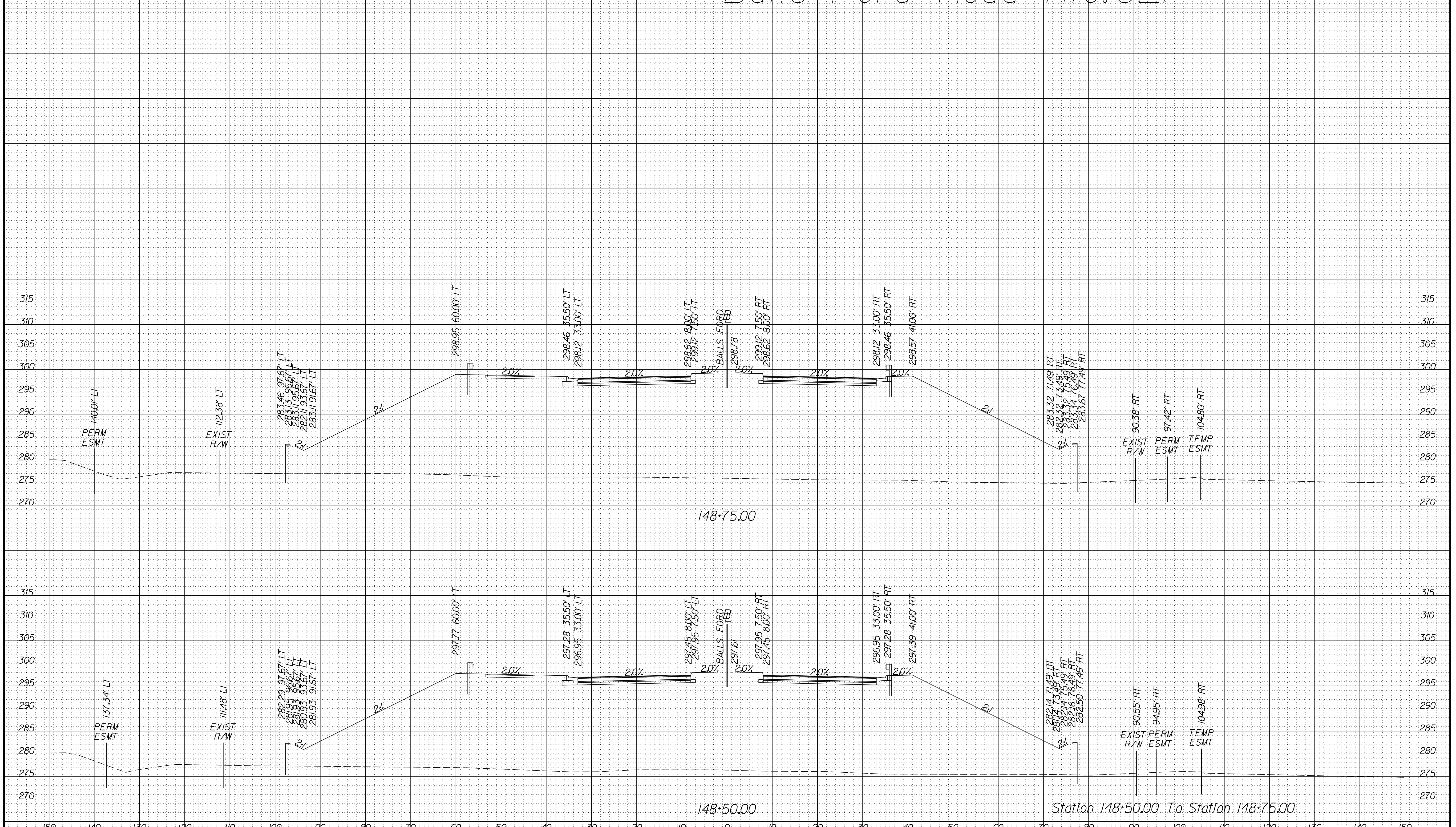


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X56 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

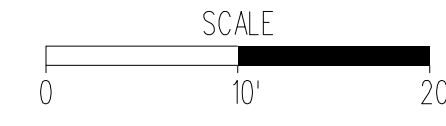


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY: DATE Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

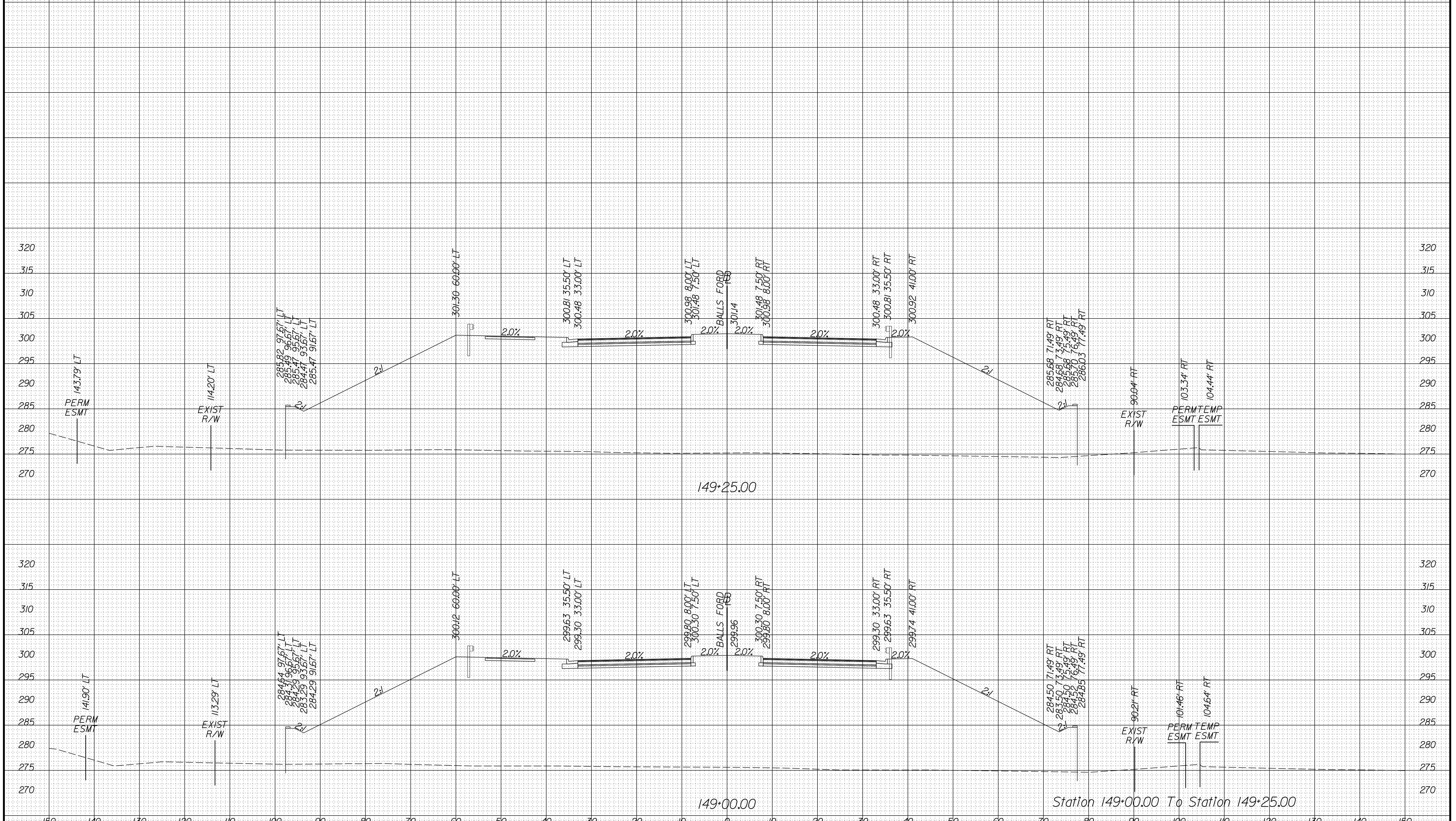


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X57 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

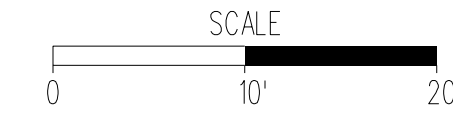


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A231 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

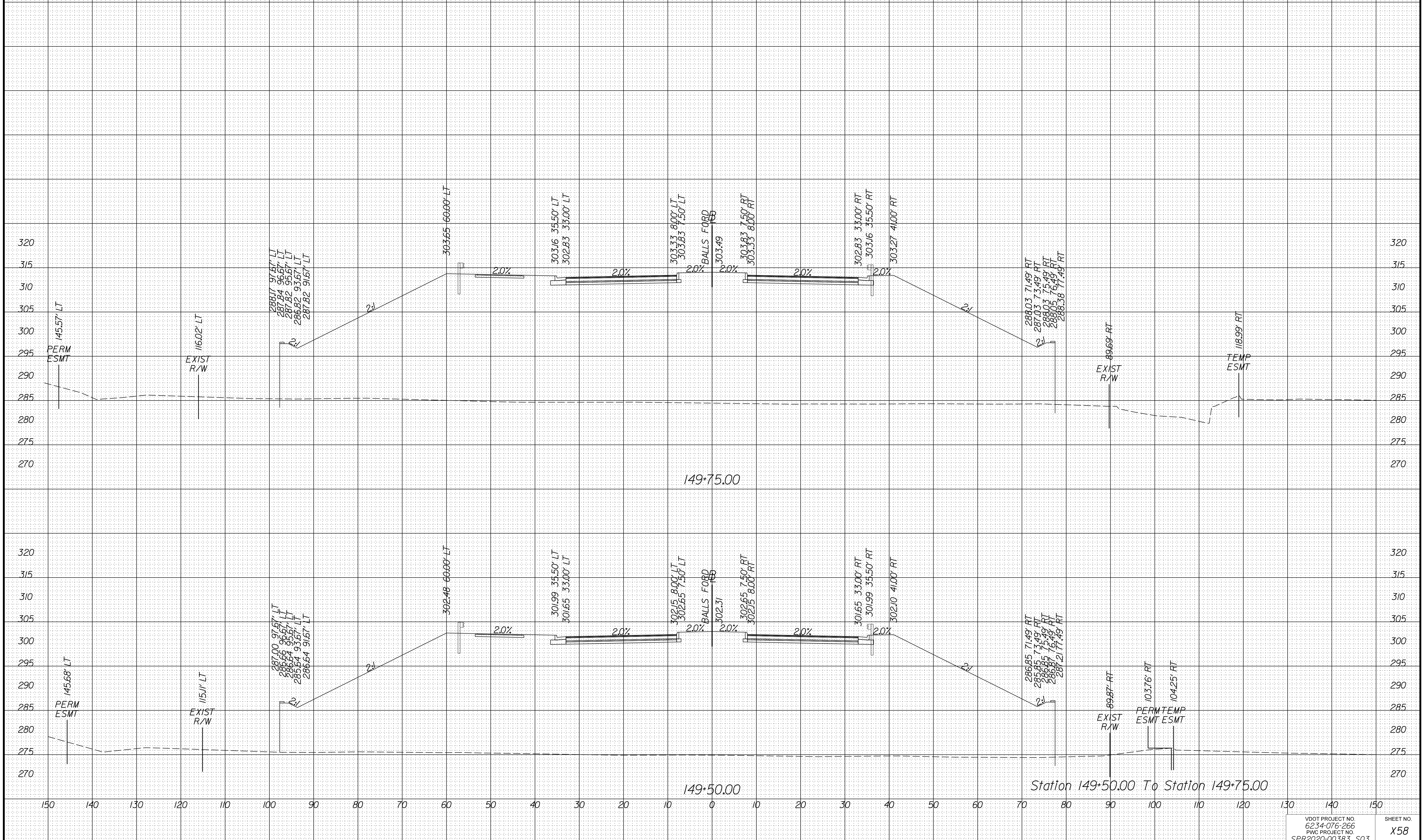


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X58</b> |
|-------------------------|--------------|--------------|--|-------------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

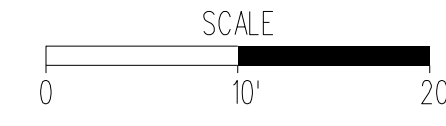


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

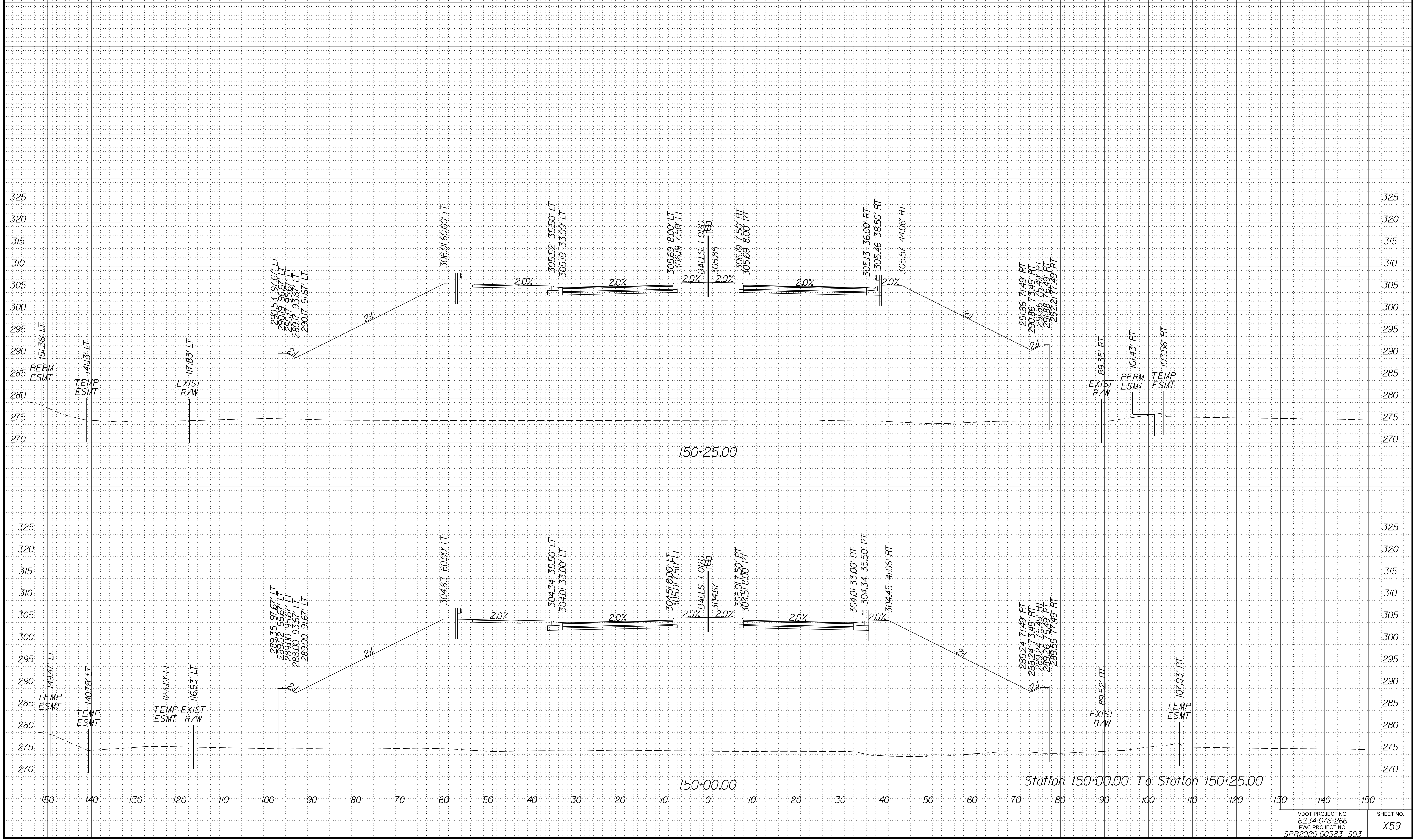


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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|-------------------------|--------------|--------------|--|------------------|
| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X59 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

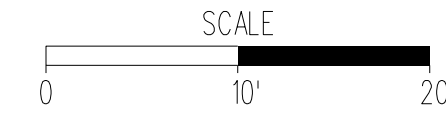


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

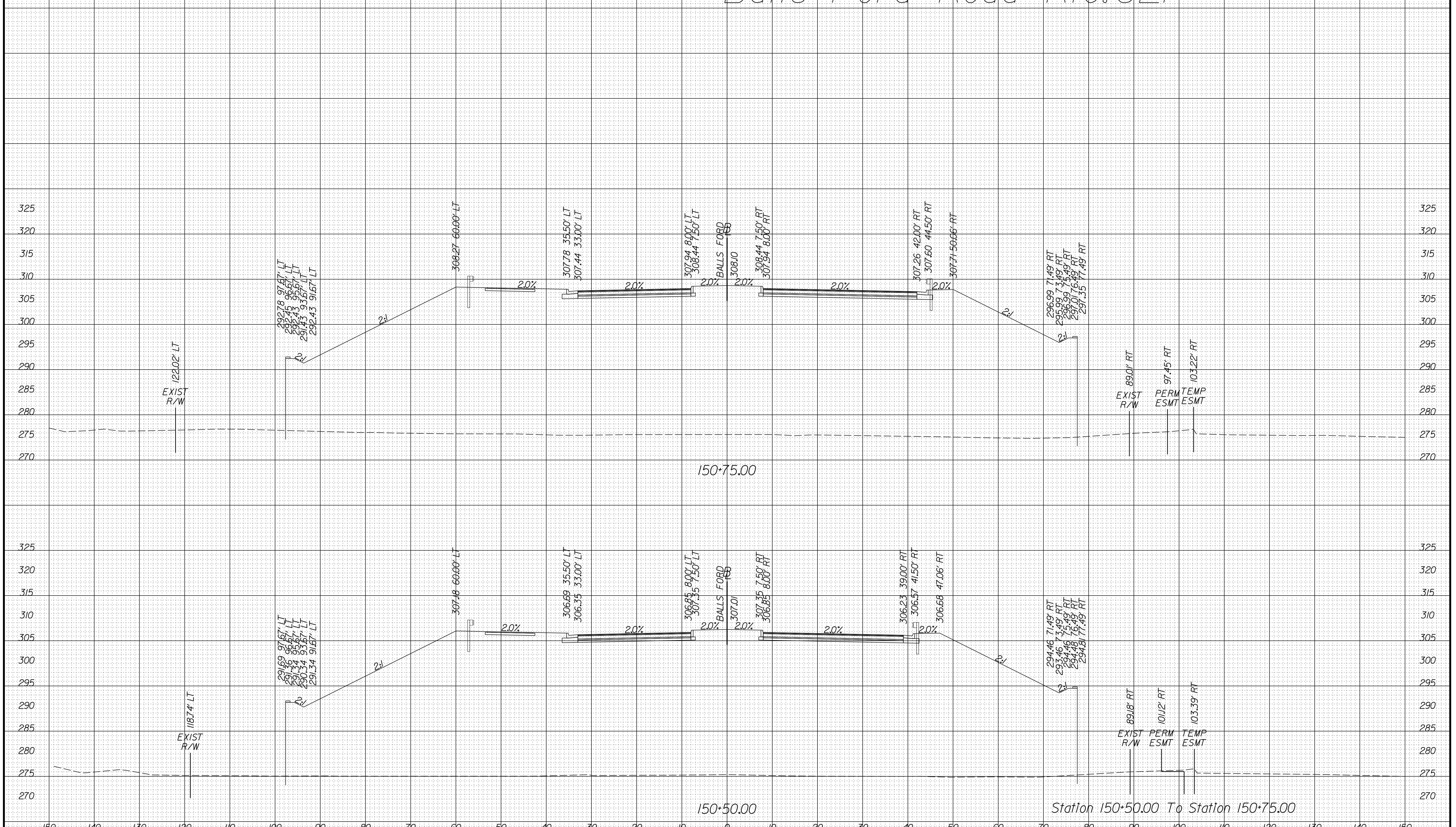


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

|                  |              |              |  |                  |
|------------------|--------------|--------------|--|------------------|
| REVISED<br>NDC04 | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X60 |
|------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

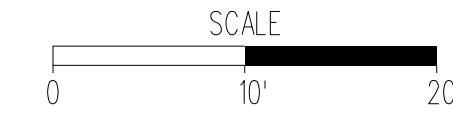


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

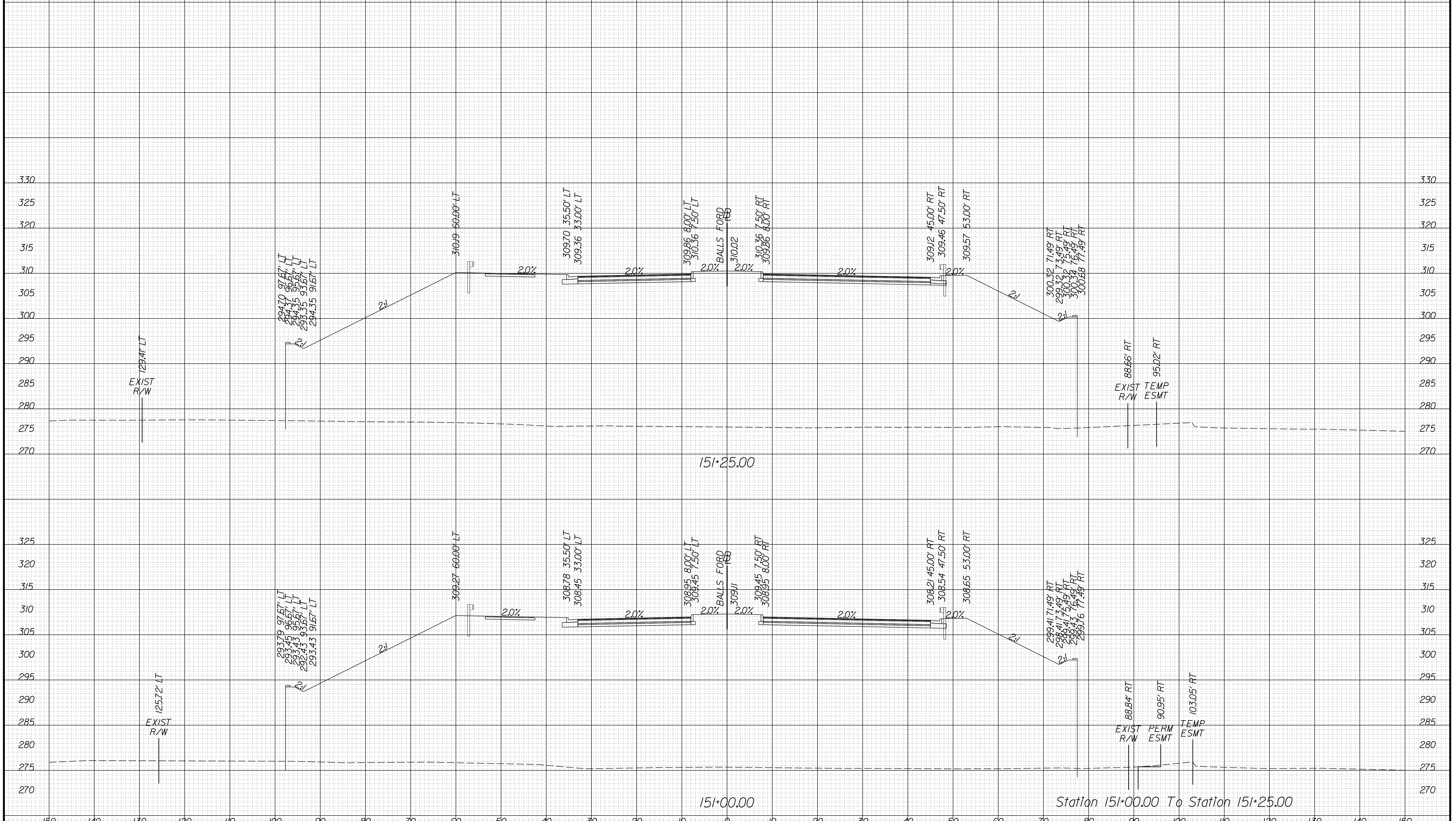


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

|                         |              |              |  |                  |
|-------------------------|--------------|--------------|--|------------------|
| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X61 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

## Balls Ford Road Rte. 621

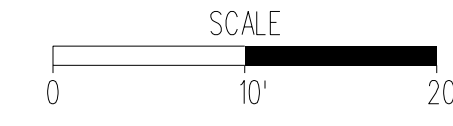


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates, Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060, May 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

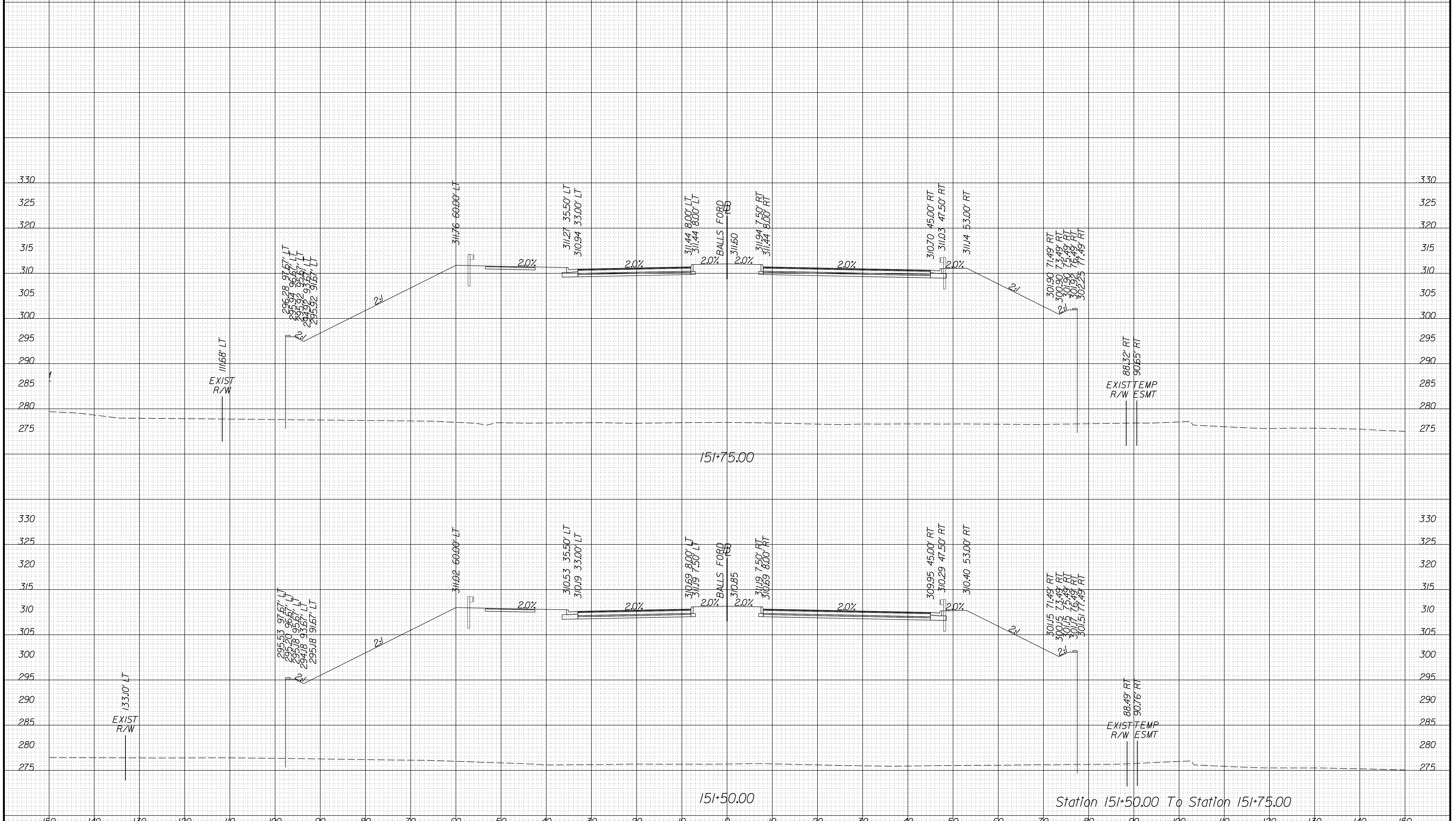


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

|                         |              |              |  |                         |
|-------------------------|--------------|--------------|--|-------------------------|
| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X62</b> |
|-------------------------|--------------|--------------|--|-------------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

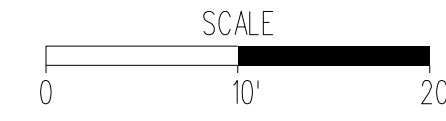


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

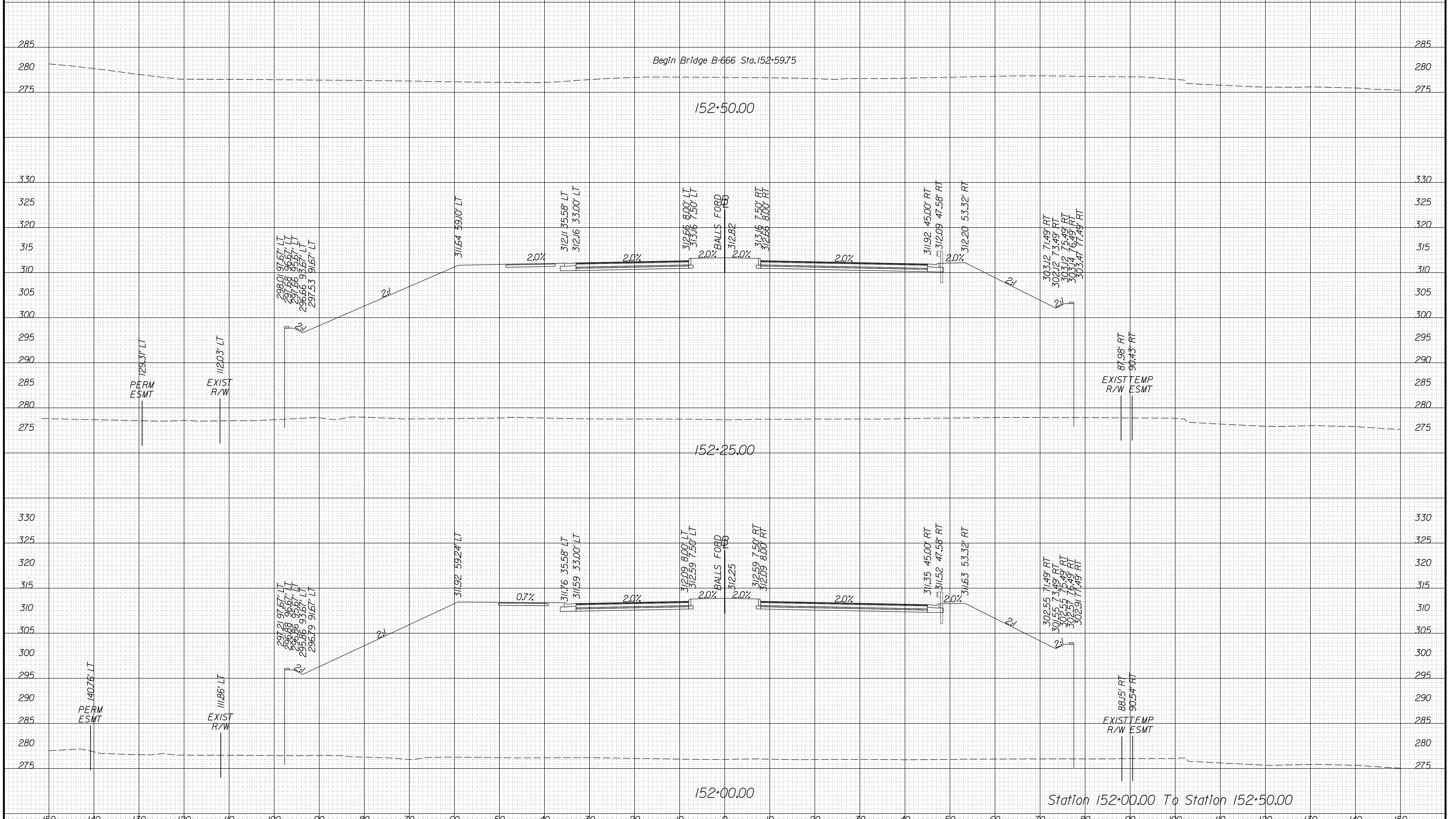


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br><b>X63</b> |
|-------------------------|--------------|--------------|--|-------------------------|

04 Revised Sheet Number.

## Balls Ford Road Rte. 621



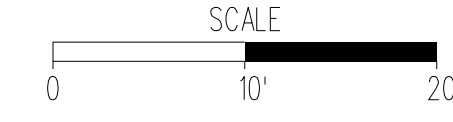


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

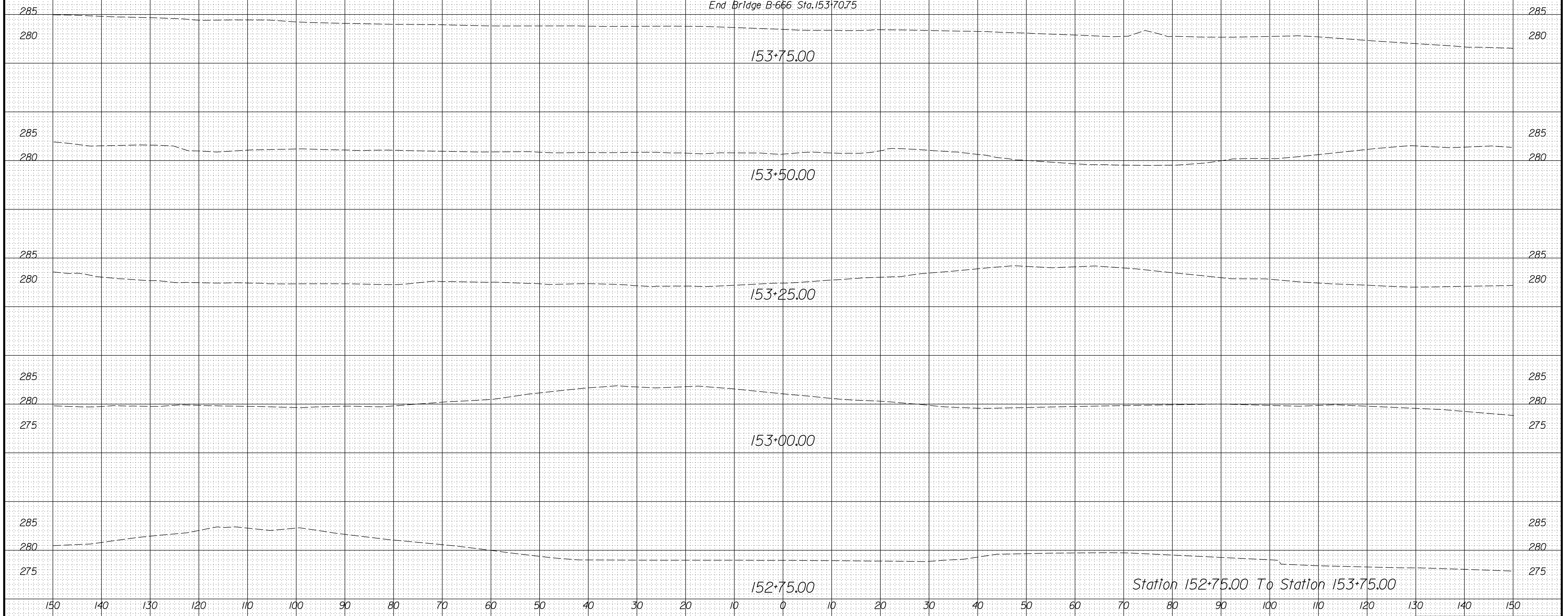


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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|-------------------------|-------|-------|-------|--------------------------------|-----------|
| REVISED<br><b>NDC04</b> | STATE | ROUTE | STATE | PROJECT                        | SHEET NO. |
|                         | VA.   | 621   |       | 6234-076-266,<br>C-501, RW-201 | X64       |

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

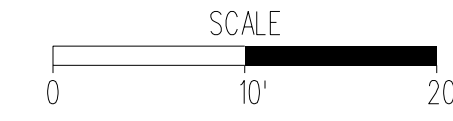


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE AccuMark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

### CROSS SECTIONS

SCALE 1 IN. = 10 FT

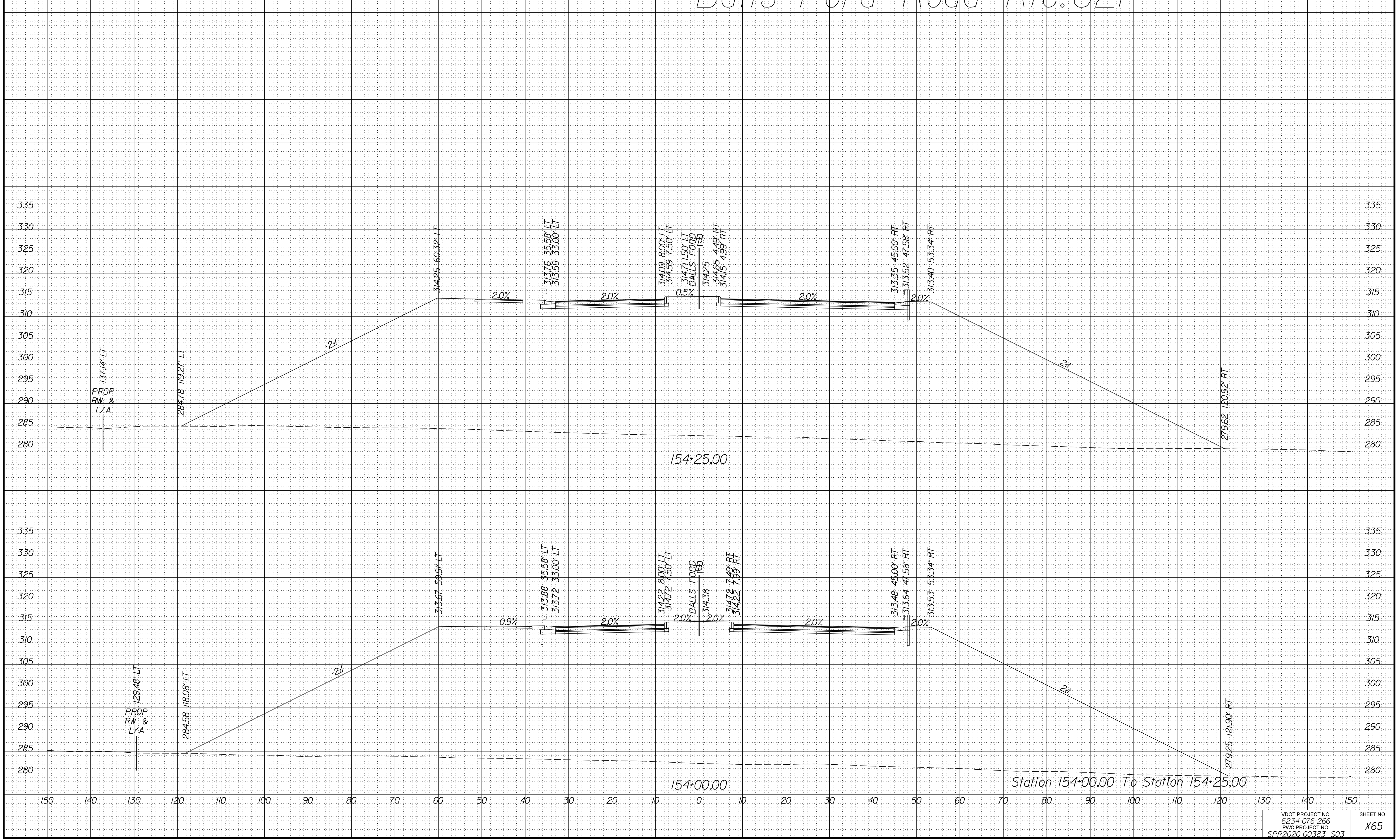


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X65 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

# Balls Ford Road Rte. 621

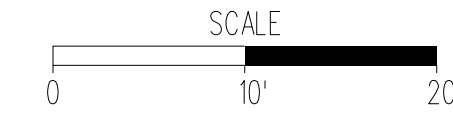


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



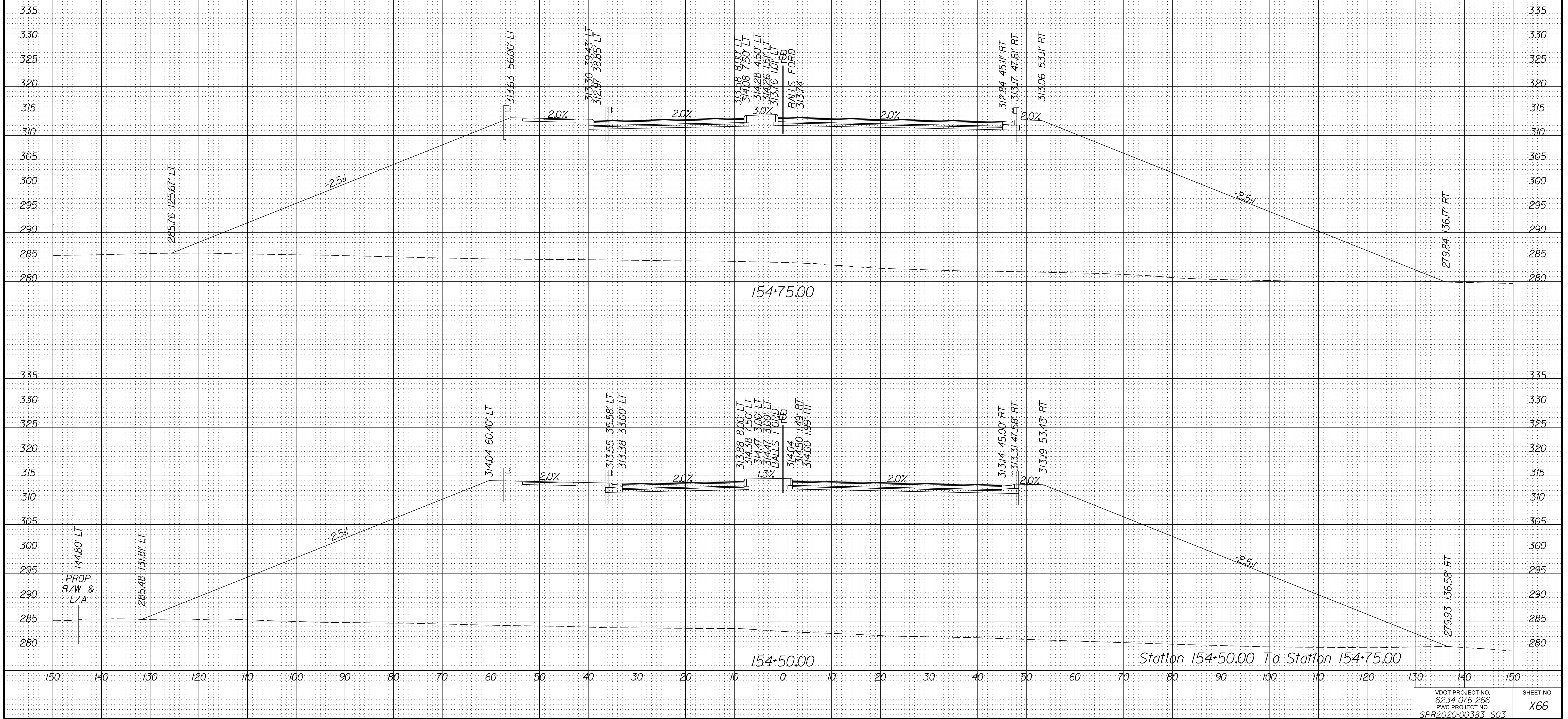
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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| REVISED<br><b>NDC04</b> | STATE<br>VA. | ROUTE<br>621 | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X66 |
|-------------------------|--------------|--------------|--|------------------|

04 Revised Sheet Number.

## Balls Ford Road Rte. 621

For Stations 155+00 thru 171+75, See DDI Cross Sections

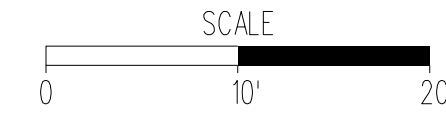


PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY: Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



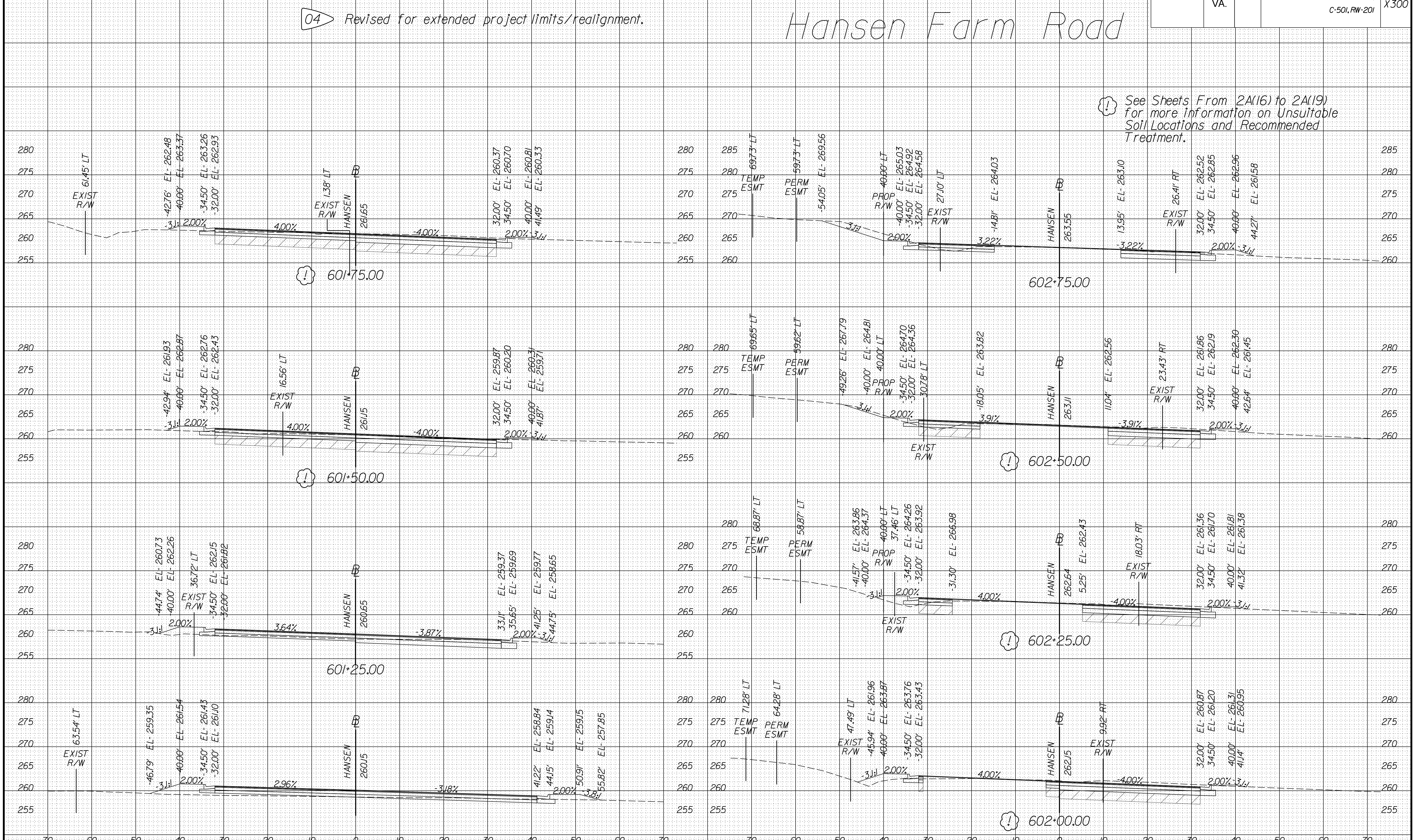
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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|------------------|--------------|-------|--|-------------------|
| REVISED<br>NDC04 | STATE<br>VA. | ROUTE | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X300 |
|------------------|--------------|-------|--|-------------------|

04 Revised for extended project limits/realignment.

## Hansen Farm Road

See Sheets From 2A(16) to 2A(19) for more information on Unsuitable Soil Locations and Recommended Treatment.



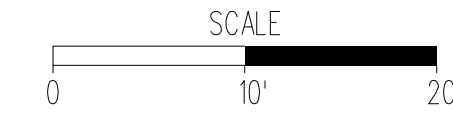
Station 601+25.00 To Station 602+75.00

PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY: DATE Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accumark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



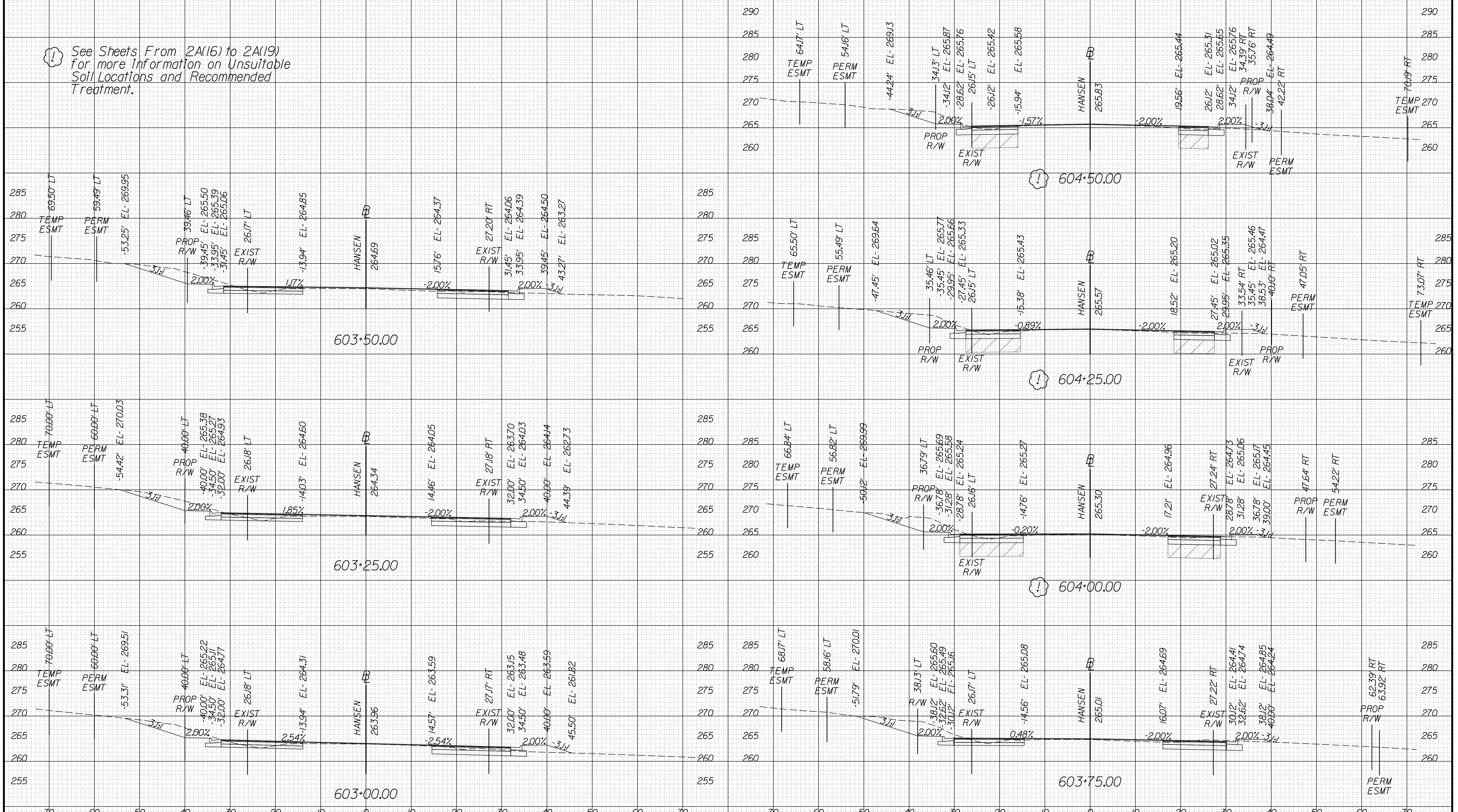
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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|------------------|--------------|-------|---|-------------------|
| REVISED<br>NDC04 | STATE<br>VA. | ROUTE | PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X301 |
|------------------|--------------|-------|---|-------------------|

04 Revised for extended project limits/realignment.

## Hansen Farm Road

See Sheets From 2A(16) to 2A(19) for more information on Unsuitable Soil Locations and Recommended Treatment.



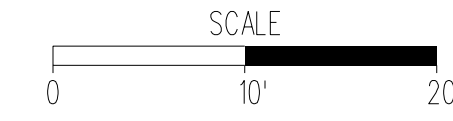
Station 603+00.00 To Station 604+50.00

PROJECT MANAGER PWC DOT: Mary Ankers (703) 792-4228  
SURVEYED BY: DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY: Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY: DATE Accurmark (703) 635-3060; May, 2020

**Materials Legend**  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A(16) - 2A(23) for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT



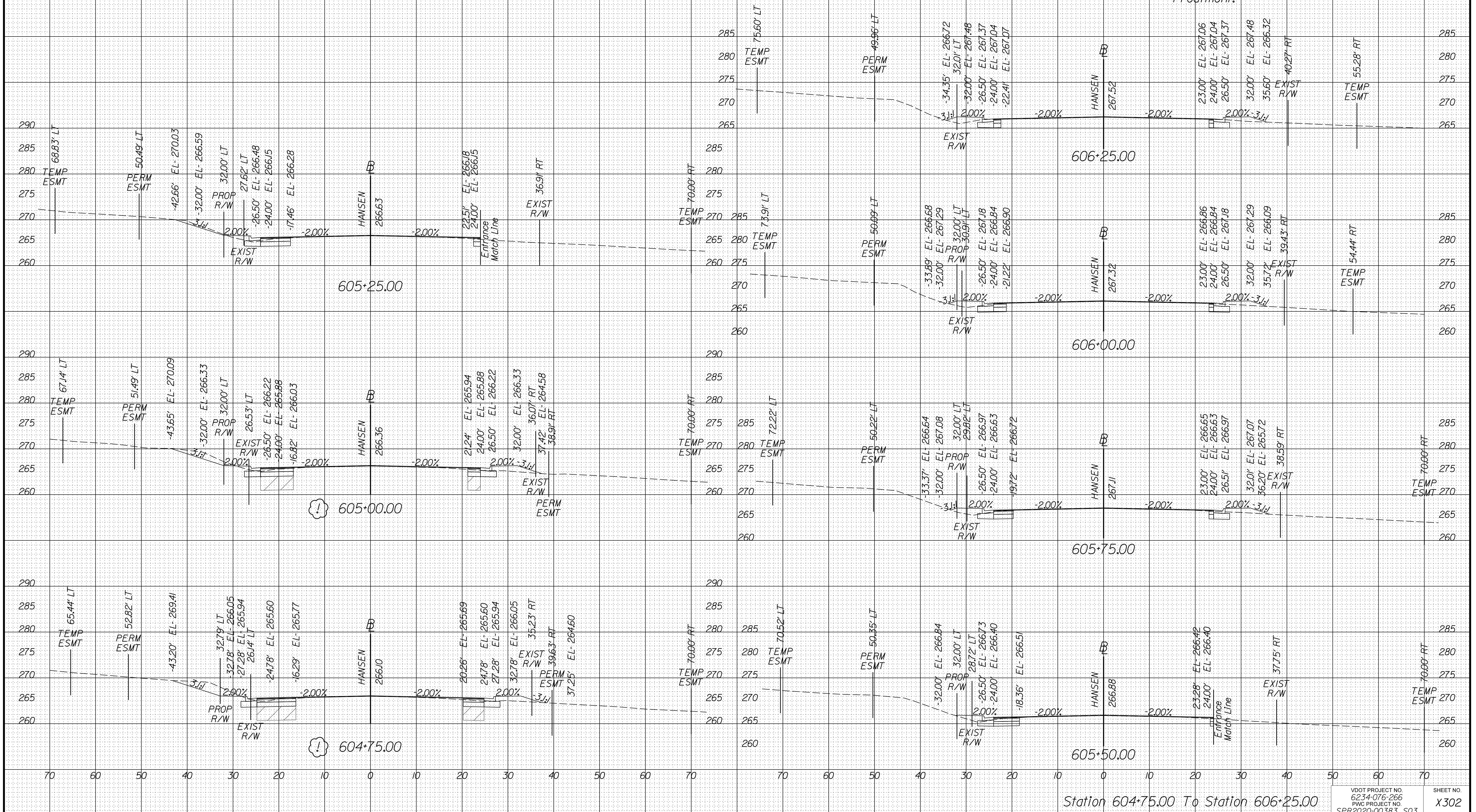
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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|------------------|--------------|-------|--|-------------------|
| REVISED<br>NDC04 | STATE<br>VA. | ROUTE | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X302 |
|------------------|--------------|-------|--|-------------------|

04 Revised for extended project limits/realignment.

## Hansen Farm Road

See Sheets From 2A(16) to 2A(19) for more information on Unsuitable Soil Locations and Recommended Treatment.

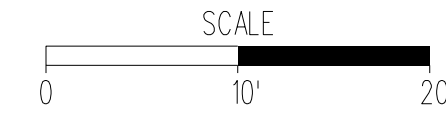


PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates, Mark Gunn, PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accumark (703) 635-3060, May 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A1231 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

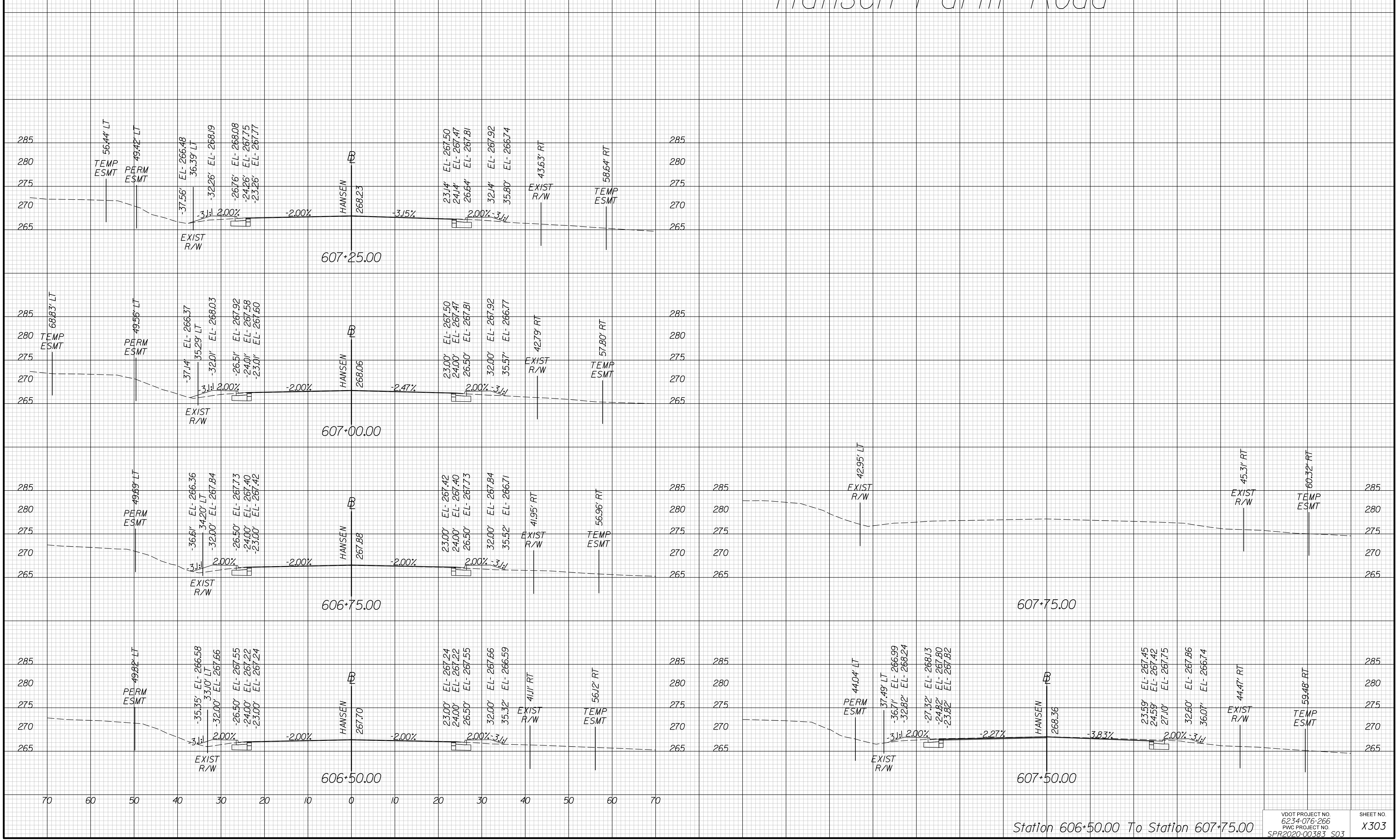


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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|------------------|--------------|--|-------------------|
| REVISED<br>NDC04 | STATE<br>VA. | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X303 |
|------------------|--------------|--|-------------------|

04 Revised for extended project limits/realignment.

## Hansen Farm Road



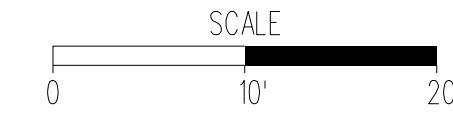
Station 606+50.00 To Station 607+75.00

PROJECT MANAGER PWC, DOT: Mary Ankers (703) 792-4228  
SURVEYED BY, DATE Rinker Design Associates, P.C. (703) 368-7373, April 2020  
DESIGN BY Rinker Design Associates: Mark Gunn PE (703) 368-7373  
SUBSURFACE UTILITY BY, DATE Accurmark (703) 635-3060; May, 2020

Materials Legend  
ZZZ Denotes Unsuitable Material at or below Subgrade  
See Sheets 2A161 - 2A123 for Geotechnical Recommendations

# CROSS SECTIONS

SCALE 1 IN. = 10 FT

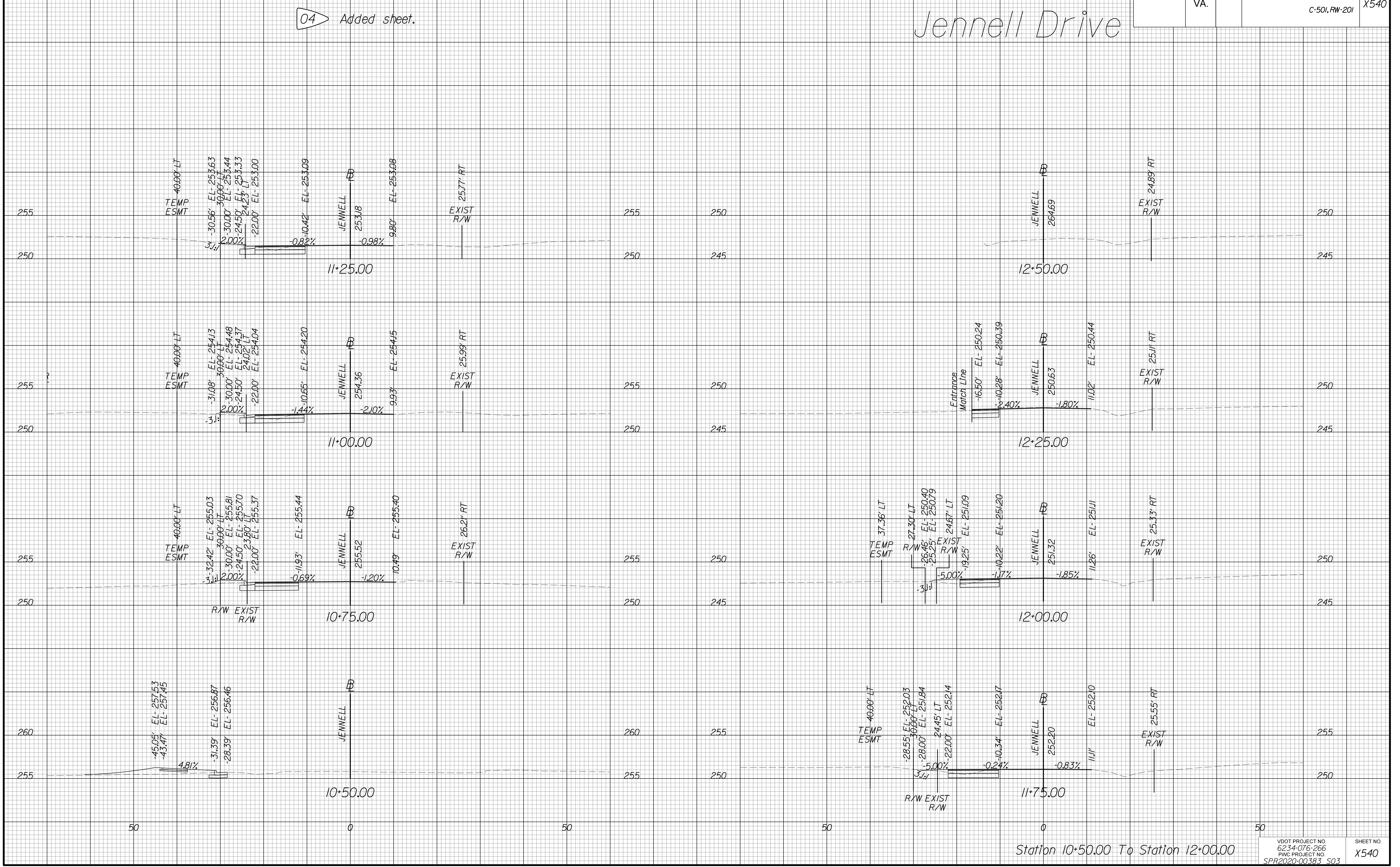


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

|                  |              |       |  |                   |
|------------------|--------------|-------|--|-------------------|
| REVISED<br>NDC04 | STATE<br>VA. | ROUTE | STATE<br>PROJECT<br>6234-076-266,<br>C-501, RW-201 | SHEET NO.<br>X540 |
|------------------|--------------|-------|--|-------------------|

04 Added sheet.

## Jennell Drive



Station 10+50.00 To Station 12+00.00