



Stantec Consulting Services Inc.
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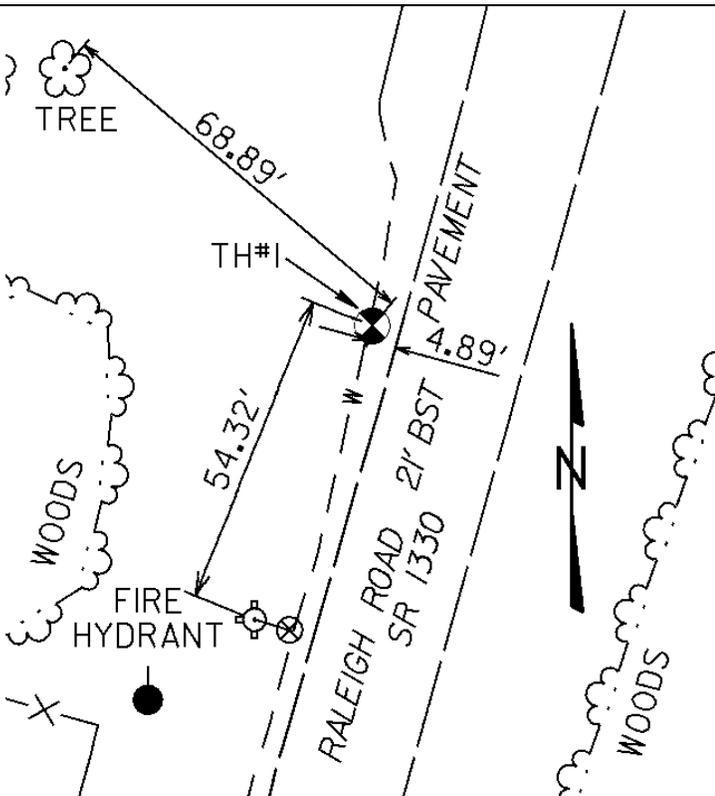


Test Hole #1 Vacuum Excavation Report

TIP#: B-4558

Project #: 33769.1.1

Project Description: Bridge #86 over Stony Fork Creek on SR 1330 (Raleigh Rd)



Test Hole Utility Information

Type:	N/A
Size and Material:	N/A
Depth:	1.8'
Bottom of Hole Elevation:	149.92'
Northing:	612514.08'
Easting:	2147823.32'

Notes:

Hole was dug 1.8' where a buried street caution sign was found. The hole was moved to TH#2 location.

Project Datum Description:

Bench Mark used is NCDOT baseline point BL-102 (Elev=151.88') Rebar and Cap. Vertical Datum is NAVD88

Date of Survey: 03/23/12
 Surveyed By: SH, TB, JP, EW
 Stantec Project No. 178450125

Location of Electronic File: NCDOT FTS



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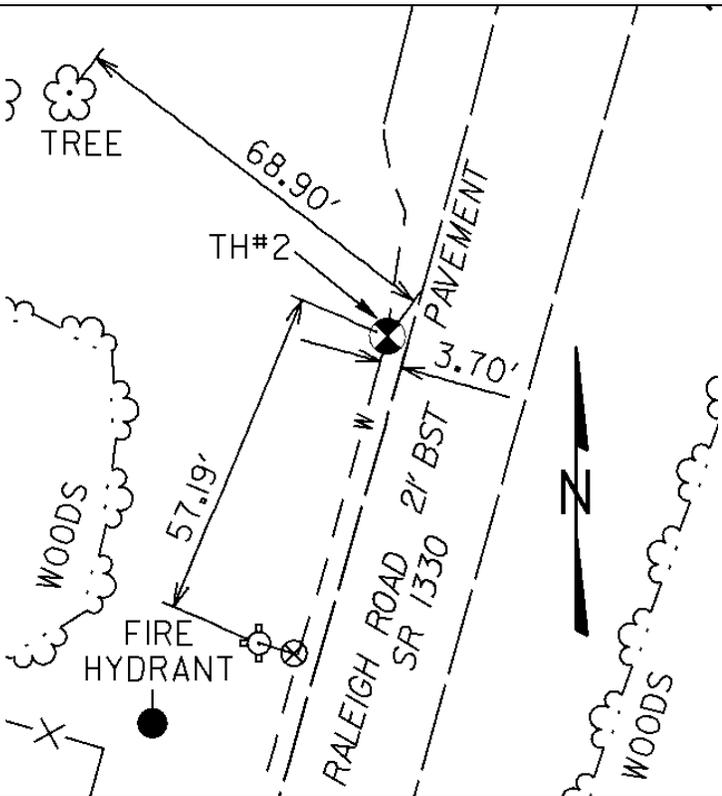


Test Hole #2 Vacuum Excavation Report

TIP#: B-4558

Project #: 33769.1.1

Project Description: Bridge #86 over Stony Fork Creek on SR 1330 (Raleigh Rd)



Test Hole Utility Information

Type:	Water Line
Size and Material:	12" PVC
Depth:	3.3'
Top Elevation:	148.62'
Northing:	612516.41'
Easting:	2147825.21'

Baseline Station and Offset

-BL- 19+33.89 – 1.26 RT

Design Alignment Station and Offset

-L- 19+69.99 – 15.19 LT

Project Datum Description:

Bench Mark used is NCDOT baseline point BL-102 (Elev=151.88') Rebar and Cap. Vertical Datum is NAVD88

Date of Survey: 03/23/12
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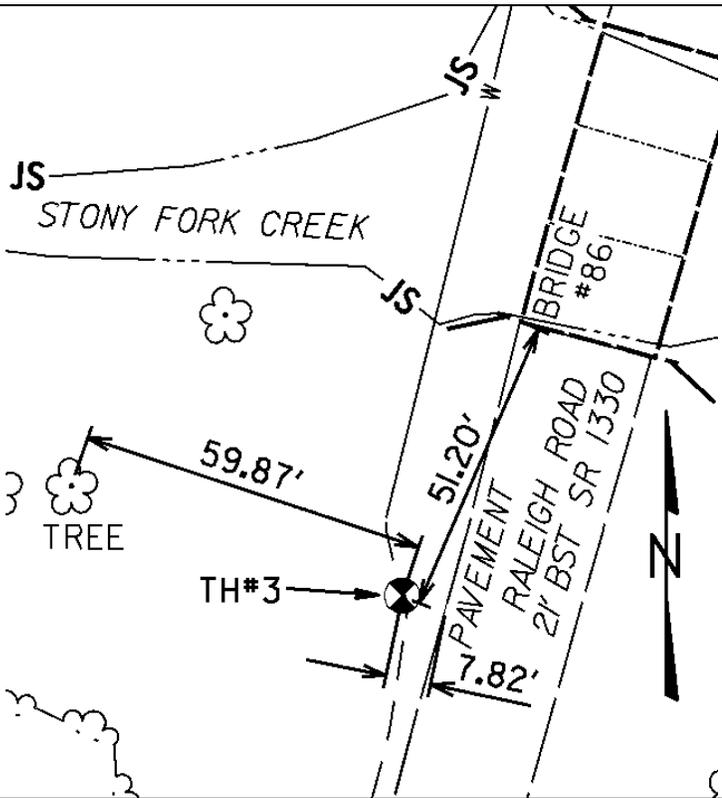


Test Hole #3 Vacuum Excavation Report

TIP#: B-4558

Project #: 33769.1.1

Project Description: Bridge #86 over Stony Fork Creek on SR 1330 (Raleigh Rd)



Test Hole Utility Information

Type:	Water Line
Size and Material:	12" Ductile Iron Pipe
Depth:	3.8'
Top Elevation:	147.62'
Northing:	612539.45'
Easting:	2147827.30'

Baseline Station and Offset

-BL- 19+56.71 – 2.50 LT

Design Alignment Station and Offset

-L- 19+92.73 – 19.40 LT

Project Datum Description:

Bench Mark used is NCDOT baseline point BL-102 (Elev=151.88') Rebar and Cap. Vertical Datum is NAVD88

Date of Survey: 03/23/12
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 Stantec Project No. 178450125

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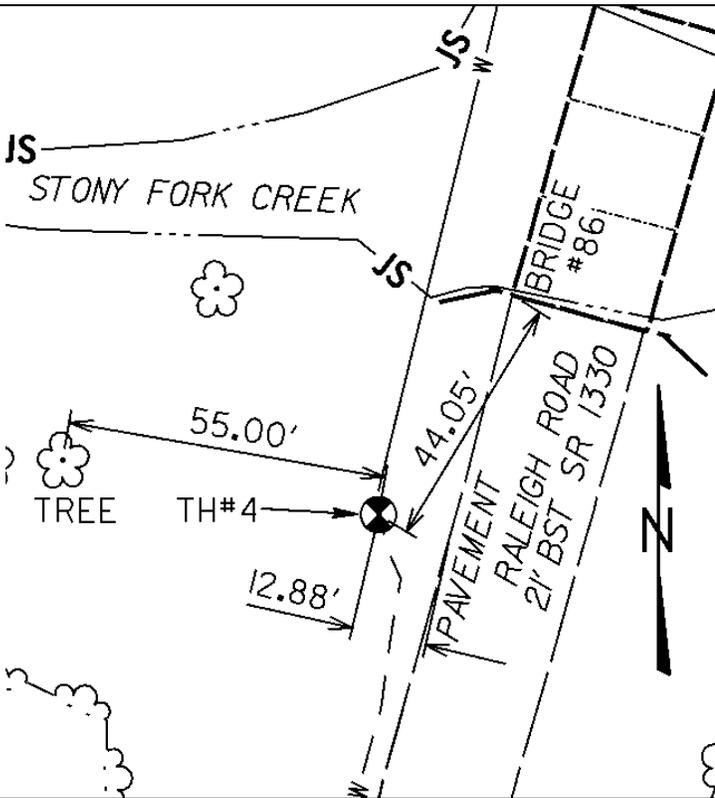


Test Hole #4 Vacuum Excavation Report

TIP#: B-4558

Project #: 33769.1.1

Project Description: Bridge #86 over Stony Fork Creek on SR 1330 (Raleigh Rd)



Test Hole Utility Information

Type:	N/A
Size and Material:	N/A
Depth:	1.3'
Bottom Hole Elevation:	147.81'
Northing:	612548.87'
Easting:	2147824.64'

Notes:

Hole was dug 1.3' where asphalt was found.

Project Datum Description:

Bench Mark used is NCDOT baseline point BL-102 (Elev=151.88') Rebar and Cap. Vertical Datum is NAVD88

Date of Survey: 03/23/12
 Surveyed By: SH, TB, JP, EW
 Stantec Project No. 178450125

Location of Electronic File: NCDOT FTS



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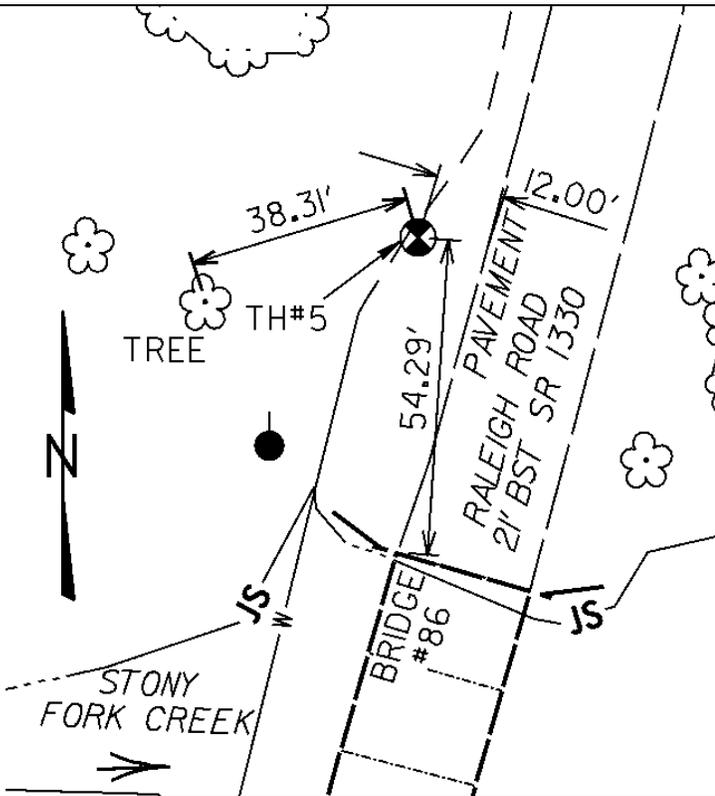


Test Hole #5 Vacuum Excavation Report

TIP#: B-4558

Project #: 33769.1.1

Project Description: Bridge #86 over Stony Fork Creek on SR 1330 (Raleigh Rd)



Test Hole Utility Information

Type:	Water Line
Size and Material:	12" Ductile Iron Pipe
Depth:	3.9'
Top Elevation:	147.66'
Northing:	612691.50'
Easting:	2147865.85'

Baseline Station and Offset

-BL- 21+13.61 – 0.44 LT

Design Alignment Station and Offset

-L- 21+49.94 – 22.96 LT

Project Datum Description:

Bench Mark used is NCDOT baseline point BL-102 (Elev=151.88') Rebar and Cap. Vertical Datum is NAVD88

Date of Survey: 03/23/12
 Surveyed By: SH, TB, JP, EW
 Stantec Project No. 178450125

Location of Electronic File: NCDOT FTS



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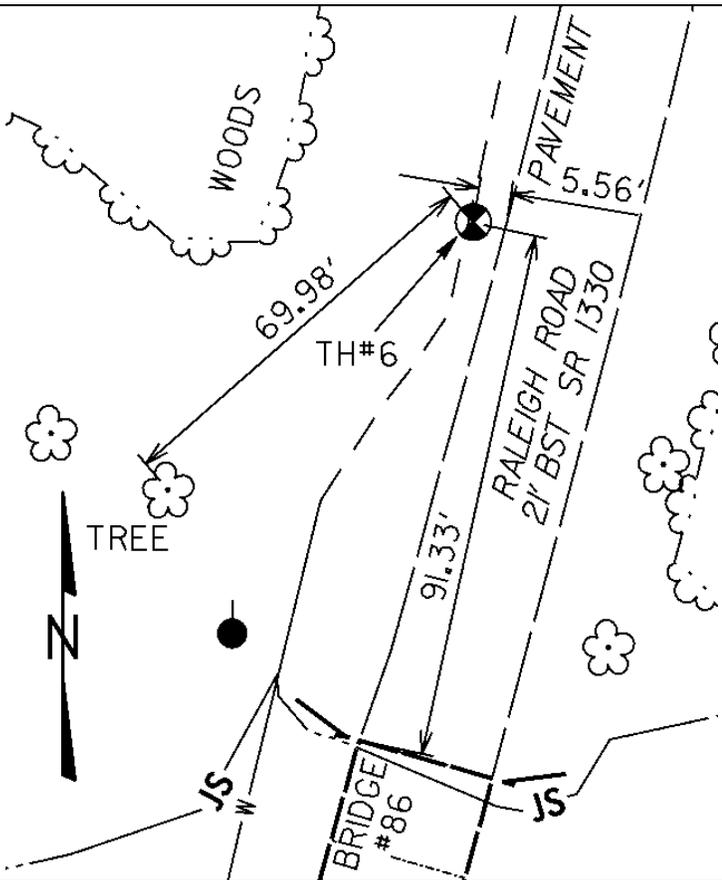


Test Hole #6 Vacuum Excavation Report

TIP#: B-4558

Project #: 33769.1.1

Project Description: Bridge #86 over Stony Fork Creek on SR 1330 (Raleigh Rd)



Test Hole Utility Information

Type:	Water Line
Size and Material:	12" PVC
Depth:	3.04'
Top Elevation:	149.60'
Northing:	612726.52'
Easting:	2147881.84'

Baseline Station and Offset

-BL- 21+51.36 – 7.13 RT

Design Alignment Station and Offset

-L- 21+88.09 – 16.11 LT

Project Datum Description:

Bench Mark used is NCDOT baseline point BL-102 (Elev=151.88') Rebar and Cap. Vertical Datum is NAVD88

Date of Survey: 03/23/12
 Surveyed By: SH, TB, JP, EW
 Stantec Project No. 178450125

Location of Electronic File: NCDOT FTS