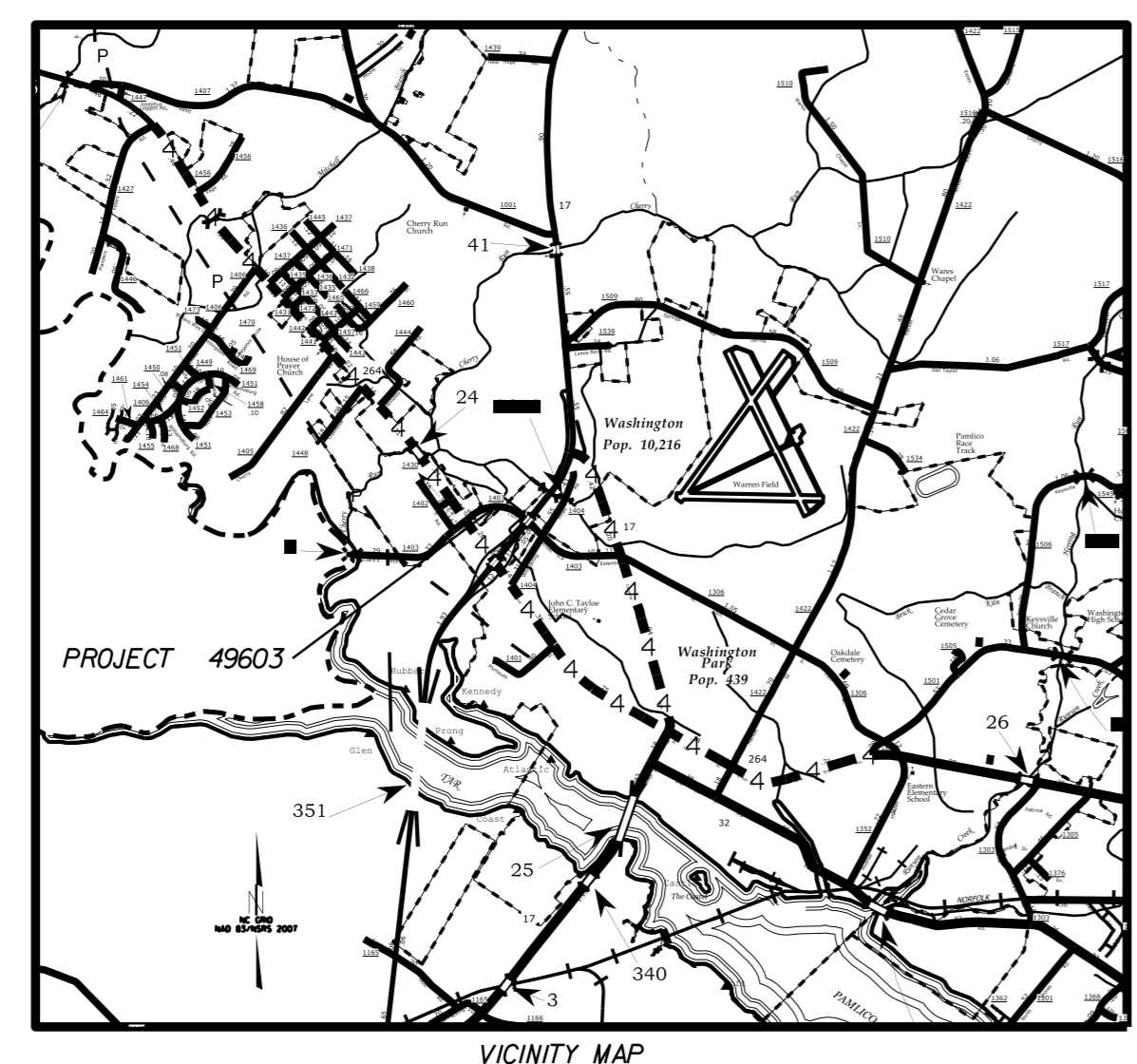


09/08/99

G:\PROJECTS\BEAUFORT\AR-2510B\pshid.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP PROJECT: 49603

CONTRACT: DB00529



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

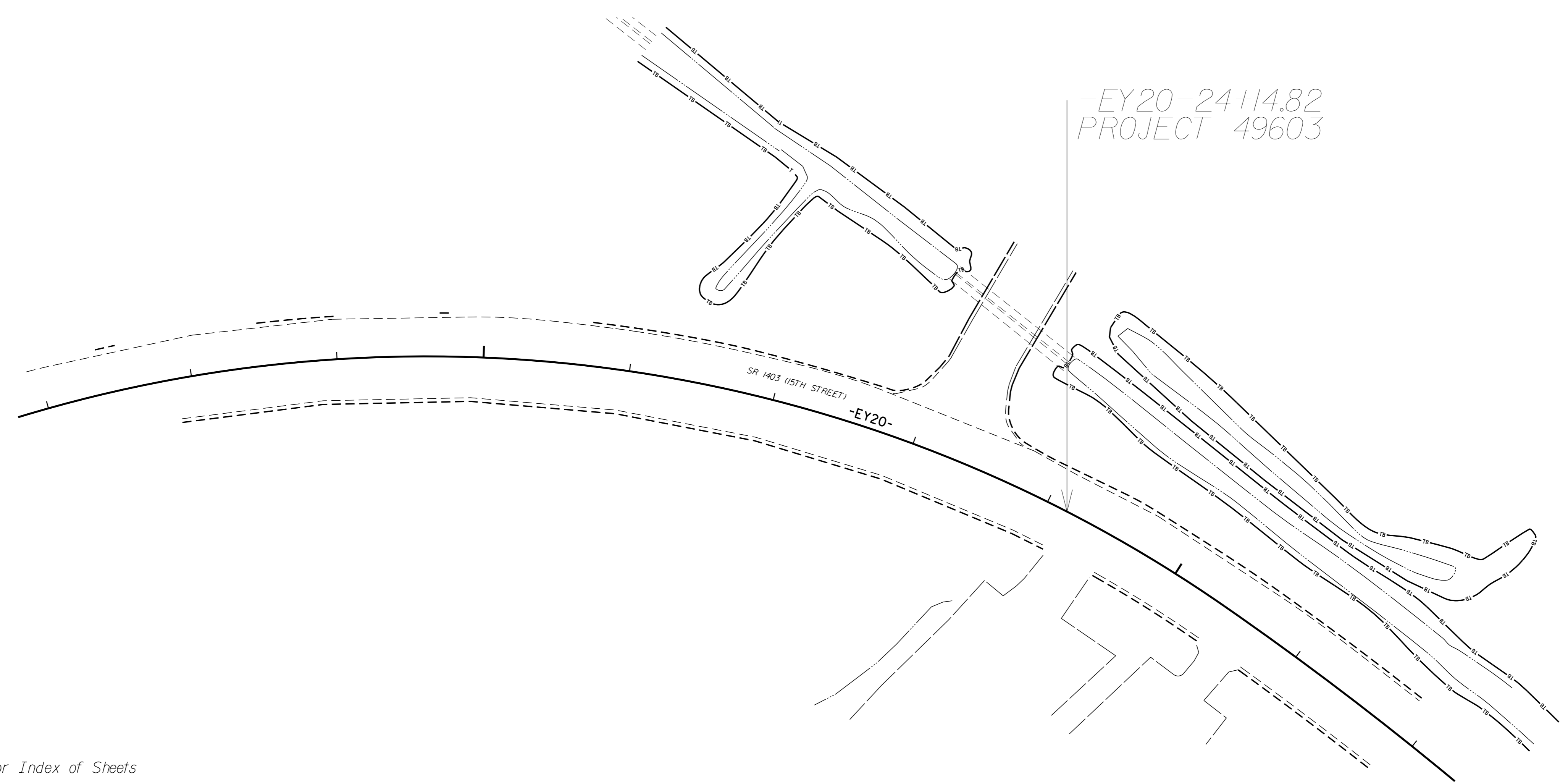
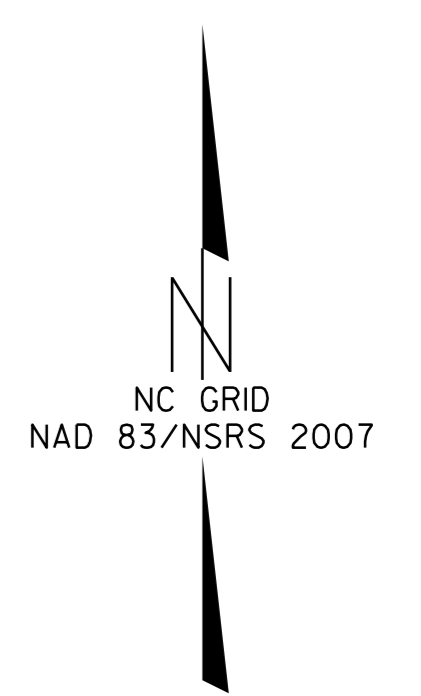
BEAUFORT COUNTY

LOCATION: SR 1403 (15TH STREET)

APPROXIMATELY 1,500' EAST OF US 264

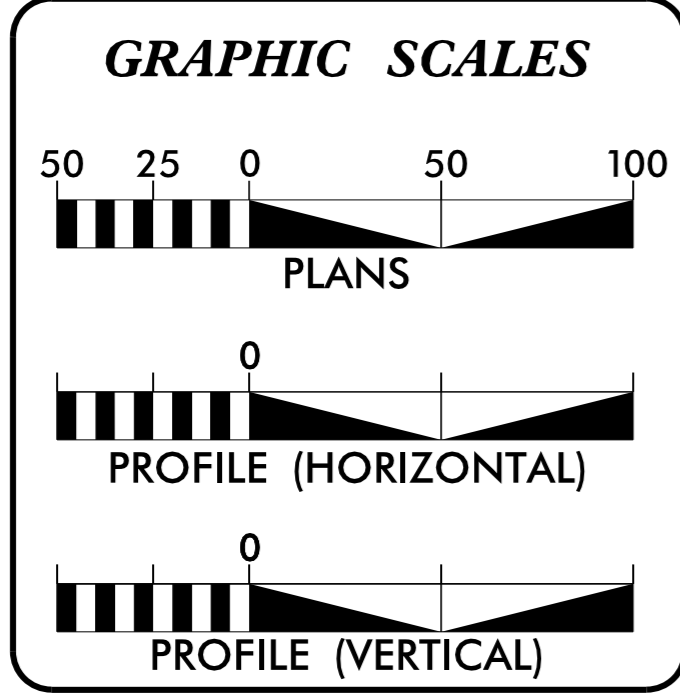
TYPE OF WORK: JACK AND BORE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	49603	1	4
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	



See Sheet 1A For Index of Sheets

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT	=	
ADT	=	
K	=	%
D	=	%
T	=	% *
V	=	MPH
* TTST	=	DUAL
FUNC CLASS	=	

TIER

PROJECT LENGTH

Prepared in the Office of:
DIVISION OF HIGHWAYS
1037 WH SMITH BLVD., GREENVILLE, NC 27835

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
AUGUST 2021

LETTING DATE:
JANUARY 2022

JEREMY D. STROUD, PE
PROJECT ENGINEER

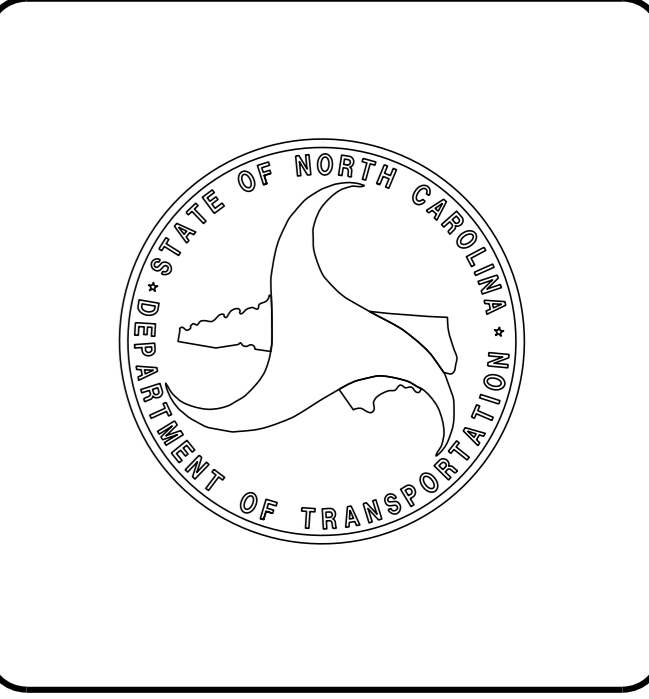
RICH GODLEY
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by:
Jeremy D. Stroud
117CDAD09910491...
SIGNATURE:

ROADWAY DESIGN ENGINEER

DocuSigned by:
Jeremy D. Stroud
117CDAD09910491...
SIGNATURE:



SHEET NUMBER	INDEX OF SHEETS SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
4	PLAN SHEET

GENERAL NOTES: 2018 SPECIFICATIONS
EFFECTIVE: 01-16-2018
REVISED:

SUBSURFACE PLANS:
NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

UTILITIES:
UTILITY OWNERS ON THIS PROJECT ARE
PIEDMONT NATURAL GAS
CITY OF WASHINGTON
EMBARQ

2018 ROADWAY ENGLISH STANDARD DRAWINGS
EFF. 01-16-2018
REV.

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
DIVISION 8 - INCIDENTALS	
840.72	Pipe Collar

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
Computed Property Corner	----->
Property Monument	□ EDM
Parcel/Sequence Number	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	----- MLB
Proposed Wetland Boundary	----- MLB
Existing Endangered Animal Boundary	----- EAB
Existing Endangered Plant Boundary	----- EPB
Existing Historic Property Boundary	----- HPB
Known Contamination Area: Soil	---S---S---
Potential Contamination Area: Soil	---S---S---
Known Contamination Area: Water	---W---W---
Potential Contamination Area: Water	---W---W---
Contaminated Site: Known or Potential	☠ ?

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□ +
Building	□ +
School	□ ↑
Church	□ +
Dam	-----

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	----- JS
Buffer Zone 1	----- BZ 1
Buffer Zone 2	----- BZ 2
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	----- FLW
False Sump	-----

RAILROADS:

Standard Gauge	----- CSX TRANSPORTATION
RR Signal Milepost	○ MILEPOST 35
Switch	□ SWITCH
RR Abandoned	-----
RR Dismantled	-----

Note: Not to Scale *S.U.E. = Subsurface Utility Engineering

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◆
Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Exist Permanent Easement Pin and Cap	◇
New Permanent Easement Pin and Cap	◆
Vertical Benchmark	⊠
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite RW Marker	-----
New Control of Access Line with Concrete C/A Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	-----
New Temporary Construction Easement	-----
New Temporary Drainage Easement	-----
New Permanent Drainage Easement	-----
New Permanent Drainage / Utility Easement	-----
New Permanent Utility Easement	-----
New Temporary Utility Easement	-----
New Aerial Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- C
Proposed Slope Stakes Fill	----- F
Proposed Curb Ramp	----- CR
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

VEGETATION:

Single Tree	☼
Single Shrub	☼

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	----- Vineyard

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- CONC
Bridge Wing Wall, Head Wall and End Wall	----- CONC WW
MINOR:	
Head and End Wall	----- CONC HW
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ S
Storm Sewer	----- S

UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	⊕
Power Line Tower	⊠
Power Transformer	⊠
U/G Power Cable Hand Hole	-----
H-Frame Pole	-----
U/G Power Line LOS B (S.U.E.*)	-----
U/G Power Line LOS C (S.U.E.*)	-----
U/G Power Line LOS D (S.U.E.*)	-----

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	□
Telephone Cell Tower	⊠
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	-----
U/G Telephone Cable LOS C (S.U.E.*)	-----
U/G Telephone Cable LOS D (S.U.E.*)	-----
U/G Telephone Conduit LOS B (S.U.E.*)	-----
U/G Telephone Conduit LOS C (S.U.E.*)	-----
U/G Telephone Conduit LOS D (S.U.E.*)	-----
U/G Fiber Optics Cable LOS B (S.U.E.*)	-----
U/G Fiber Optics Cable LOS C (S.U.E.*)	-----
U/G Fiber Optics Cable LOS D (S.U.E.*)	-----

WATER:

Water Manhole	○
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	-----
U/G Water Line LOS C (S.U.E.*)	-----
U/G Water Line LOS D (S.U.E.*)	-----
Above Ground Water Line	----- A/G Water

TV:

TV Pedestal	□
TV Tower	⊗
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	-----
U/G TV Cable LOS C (S.U.E.*)	-----
U/G TV Cable LOS D (S.U.E.*)	-----
U/G Fiber Optic Cable LOS B (S.U.E.*)	-----
U/G Fiber Optic Cable LOS C (S.U.E.*)	-----
U/G Fiber Optic Cable LOS D (S.U.E.*)	-----

GAS:

Gas Valve	◇
Gas Meter	◇
U/G Gas Line LOS B (S.U.E.*)	-----
U/G Gas Line LOS C (S.U.E.*)	-----
U/G Gas Line LOS D (S.U.E.*)	-----
Above Ground Gas Line	----- A/G Gas

SANITARY SEWER:

Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
SS Forced Main Line LOS B (S.U.E.*)	-----
SS Forced Main Line LOS C (S.U.E.*)	-----
SS Forced Main Line LOS D (S.U.E.*)	-----

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line LOS B (S.U.E.*)	-----
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	----- UST
A/G Tank; Water, Gas, Oil	-----
Geoenvironmental Boring	⊕
U/G Test Hole LOS A (S.U.E.*)	-----
Abandoned According to Utility Records	-----
End of Information	-----

LOCATION: SR 1403 (15TH STREET) BEAUFORT COUNTY
TYPE OF WORK: JACK AND BORE

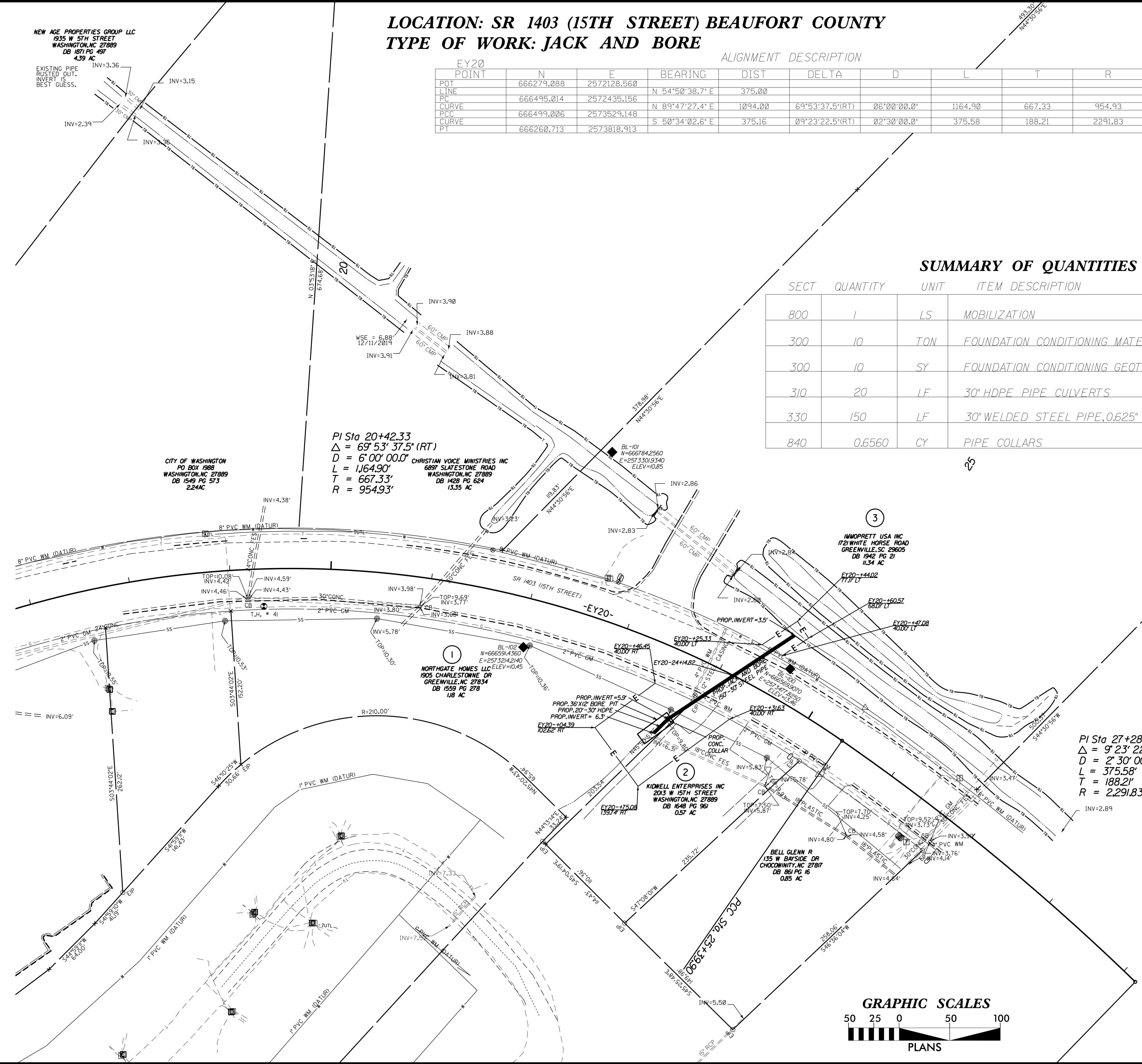
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	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	666279.088	2572128.560	N 54°50'38.7" E	375.00					
LINE									
PC	666495.014	2572435.156	N 89°47'27.4" E	1094.00	69°53'37.5"(RT)	06°00'00.0"	1164.90	667.33	954.93
CURVE									
PCC	666499.006	2573529.148	S 50°34'02.6" E	375.16	09°23'22.5"(RT)	02°30'00.0"	375.58	188.21	2291.83
CURVE									
PT	666260.713	2573818.913							

NC GRID
NAD 83/NSRS 2007

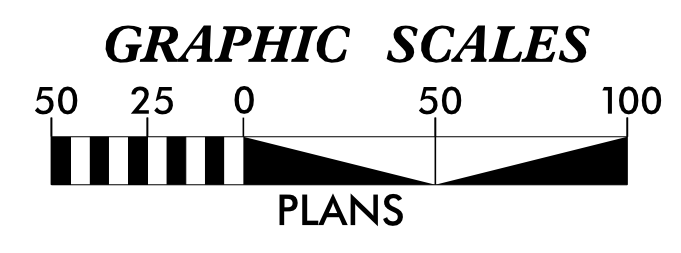
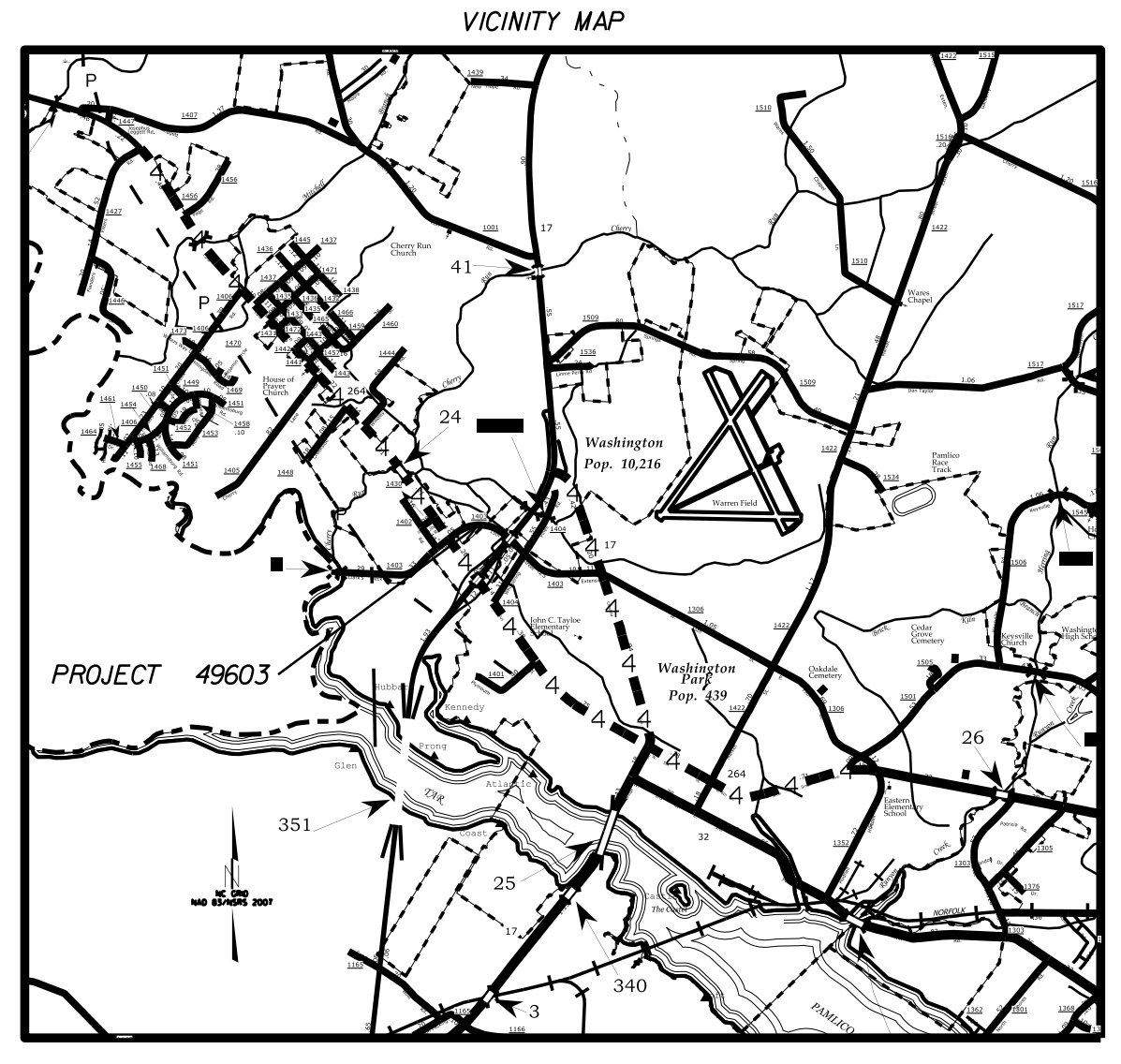
SUMMARY OF QUANTITIES

SECT	QUANTITY	UNIT	ITEM DESCRIPTION
800	1	LS	MOBILIZATION
300	10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
300	10	SY	FOUNDATION CONDITIONING GEOTEXTILE
310	20	LF	30" HDPE PIPE CULVERTS
330	150	LF	30" WELDED STEEL PIPE, 0.625" THICK, GRADE B IN SOIL
840	0.6560	CY	PIPE COLLARS

REVISIONS



PI Sta 27+28.11
 $\Delta = 9^{\circ}23'22.5"$ (RT)
 $D = 2^{\circ}30'00.0"$
 $L = 375.58'$
 $T = 188.21'$
 $R = 2,291.83'$



8/17/99

NEW AGE PROPERTIES GROUP LLC
 1335 W 5TH STREET
 WASHINGTON, NC 27889
 DB 1871 PG 497
 4.39 AC

EXISTING PIPE
 RUSTED OUT.
 INVERT IS
 BEST GUESS.

CITY OF WASHINGTON
 PO BOX 1988
 WASHINGTON, NC 27889
 DB 1549 PG 573
 2.24 AC

PI Sta 20+42.33
 $\Delta = 69^{\circ}53'37.5"$ (RT)
 $D = 6^{\circ}00'00.0"$
 $L = 1,164.90'$
 $T = 667.33'$
 $R = 954.93'$

CHRISTIAN VOICE MINISTRIES INC
 6897 SLATESTONE ROAD
 WASHINGTON, NC 27889
 DB 1428 PG 624
 13.35 AC

NORTHGATE HOMES LLC
 1905 CHARLESTOWNE DR
 GREENVILLE, NC 27834
 DB 1559 PG 278
 1.8 AC

KIDWELL ENTERPRISES INC
 2013 W 15TH STREET
 WASHINGTON, NC 27889
 DB 1648 PG 961
 0.57 AC

BELL GLENN R
 135 W BAYSIDE DR
 CHOCOWINY, NC 27817
 DB 861 PG 16
 0.85 AC

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 3:38:51 PM