

09/06/19

TIP PROJECT: BR-0120

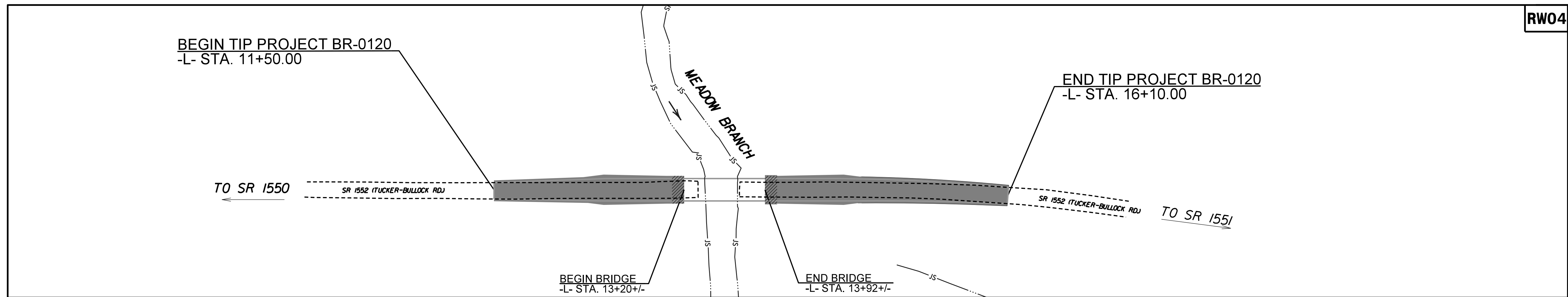
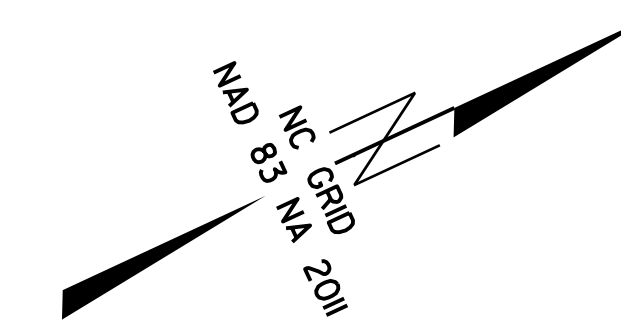
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0120	RW01	

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 SURVEY CONTROL, EXISTING CENTERLINES,
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

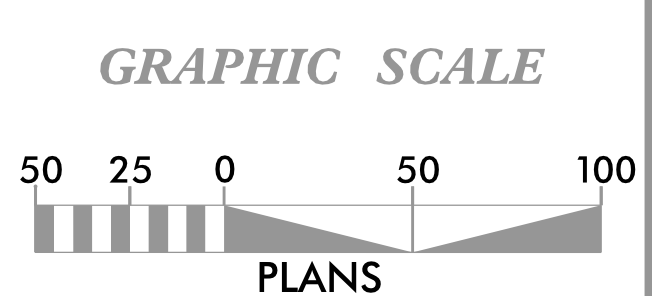
PITT COUNTY

BRIDGE 730123 ON SR 1552 (TUCKER-BULLOCK RD)
OVER MEADOW BRANCH

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE



RW04



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BR120-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 714,346.009(ft) EASTING: 2,532,434.035(ft) ELEVATION: 30.16(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999985053 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BR120-2" TO -L- STATION 11+50.00 IS N 17-33'00.6" E 1160.89(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD88

Prepared in the Office of:
DIVISION 2
 LOCATION & SURVEYS

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 SEPTEMBER 12, 2019

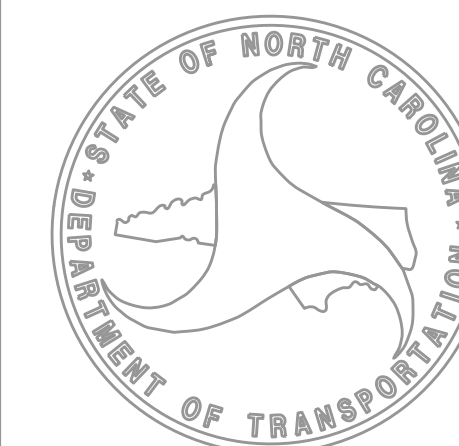
LETTING DATE:
 MARCH 17, 2020

PROFESSIONAL LAND
 SURVEYOR



DocuSigned by:
 R.J. Reigner
 SIGNATURE:

10/10/2019
 Date:



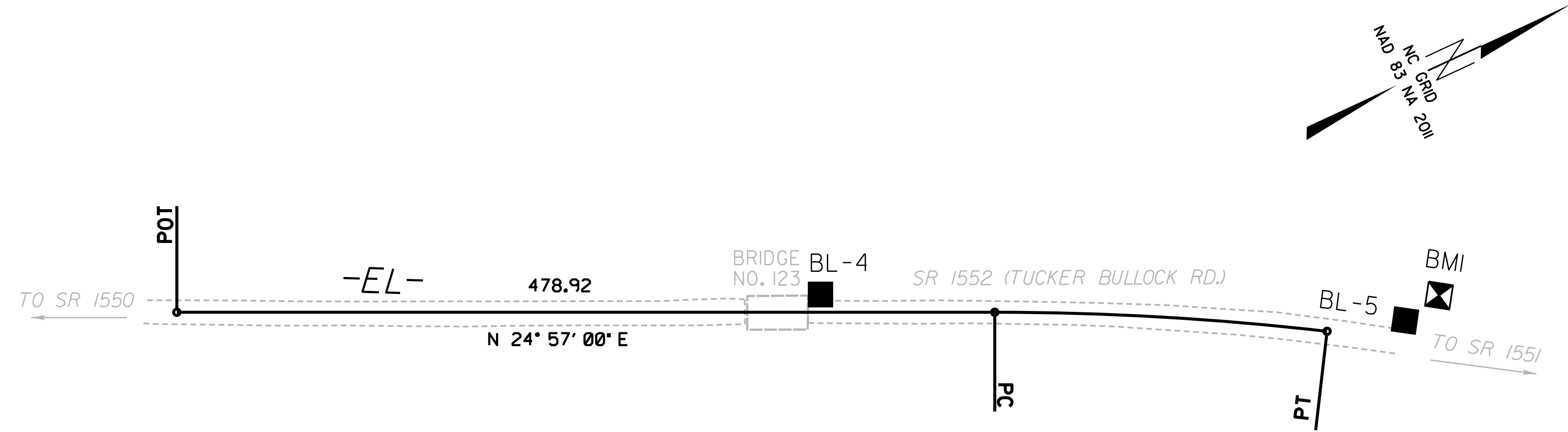
\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
 \$\$\$ DDN \$\$\$
 \$\$\$ USERNAME \$\$\$

6/2/09

SURVEY CONTROL SHEET BR-0120

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR-0120	SHEET NO. RW02C-1
Location and Surveys	
<p>■ New Bern, North Carolina 28562 Phone: (252) 631-5115</p> <p>□ Middlesboro, Kentucky 40965 Phone: (606) 248-6600</p> <p>□ Asheville, North Carolina 28806 Phone: (828) 253-2796</p> <p>□ Charlotte, North Carolina 28217 Phone: (704) 357-0488</p>	
 Vaughn & Melton Consulting Engineers	



EL		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	LINE	715316.862	2532720.816	N 24°57'00.0" E	478.92					
PC	CURVE	715751.084	2532922.836	N 28°14'09.9" E	194.89	06°34'19.8"(RT)	03°22'13.2"	195.00	97.61	1700.00
PT		715922.786	2533015.041							

.....
 B.M.I. ELEVATION = 24.93
 N 715991 E 2533024
 BL STATION 32+22.00
 RR SPIKE SET IN 18" PINE

BL		POINT	DESC.	NORTH	EAST	ELEVATION
GPS1	NCDOT GPS	BR120-1		713441.8840	2532047.7443	32.40
GPS2	NCDOT GPS	BR120-2		714346.0090	2532434.0350	30.16
BL3		BL-3		715039.9887	2532579.7809	26.51
BL4		BL-4		715662.8187	2532870.2272	23.65
BL5		BL-5		715966.7783	2533028.5063	24.22

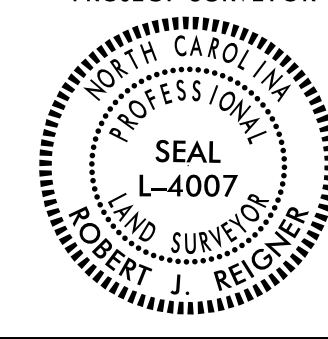
NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

26-SEP-2019 15:22
 N:\BRIDGE\JOBS\BR-0120\RM Sheets\br-0120-1s-rw02c-1.dgn
 cpulcher AT LS-299764

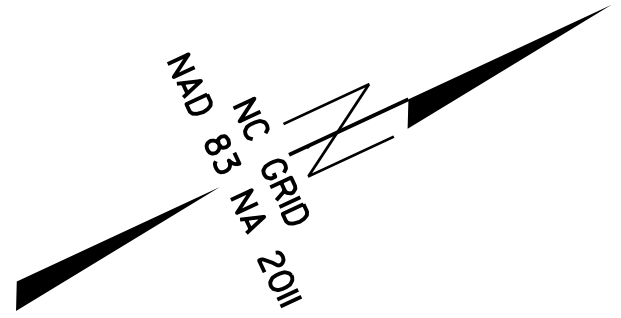
RIGHT OF WAY CONTROL SHEET BR-0120

PROJECT REFERENCE NO. BR-0120	SHEET NO. RW04
Location and Surveys	
DIVISION 2 LOCATION & SURVEYS	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Robert J. Reigner, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

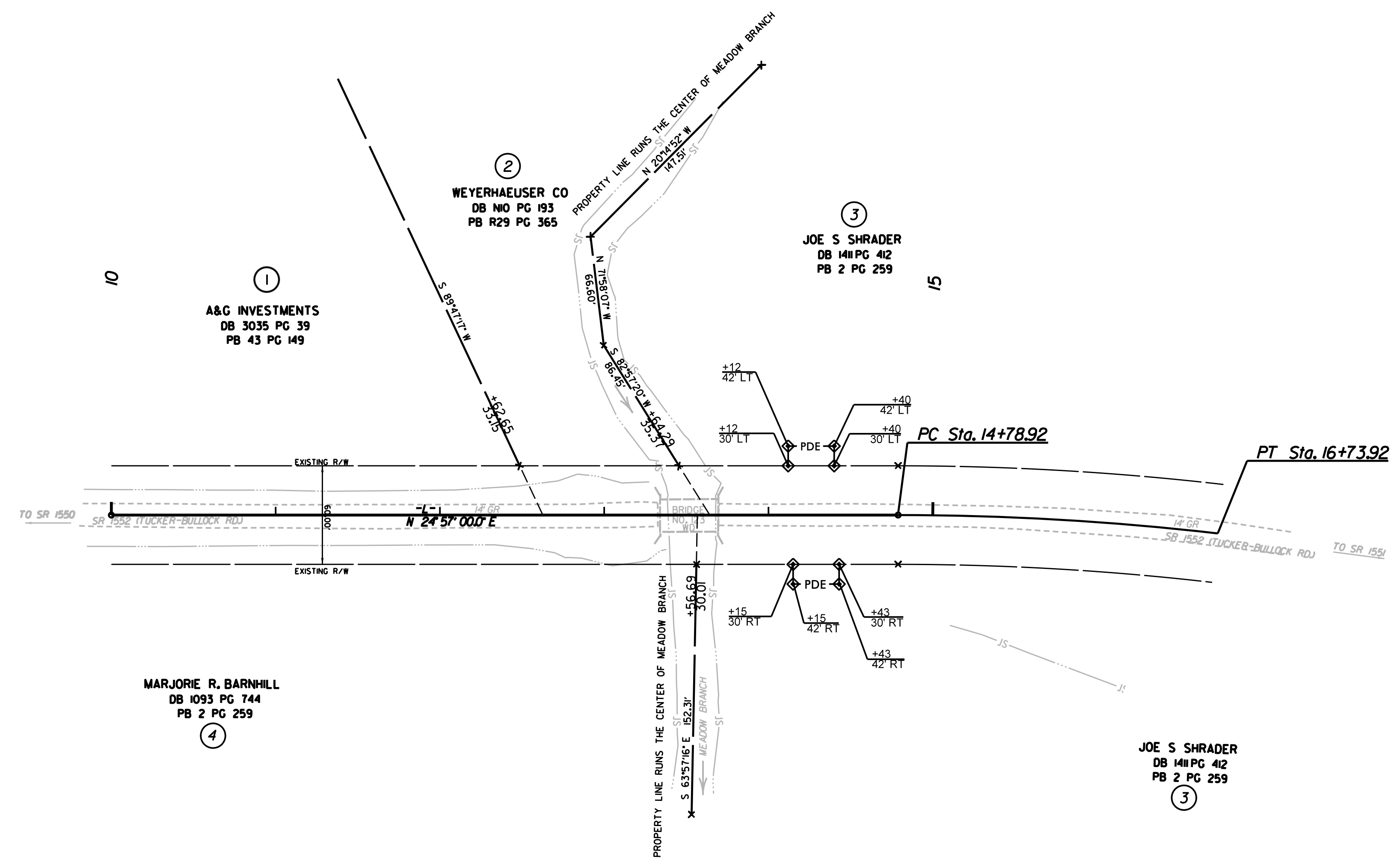
Witness my original signature, registration number and seal this 25th day of September, 2019.



DocuSigned by:
R. J. Reigner
Professional Land Surveyor L-4007 PLS # Seal

-L-

$PI\ Sta\ 15+76.52$
 $\Delta = 6^{\circ}34'19.8" (RT)$
 $D = 3^{\circ}22'13.2"$
 $L = 195.00'$
 $T = 97.61'$
 $R = 1700.00'$
 $SE = 4\%$
 $Lr = 120'$



NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

6/2/19

I:\01-2019-15-15\BR-0120\RW Sheets\br-0120.L.S.-rw04.dgn
AT 15:28:764