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STATE OF NORTH CAROLINA 17BP.2.R.92 |RW01| 6 DIVISION OF HIGHWAYS SURVEY CONTROL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENTS AND PROPERTY TIES PITT COUNTY END STATE PROJECT 17BP.2.R.92 BEGIN STATE PROJECT 17BP.2.R.92 -L- STA. 10+65.00 END BRIDGE -L- STA. 14 + 22.37 BEGIN BRIDGE -L- STA. 13 + 34.63 -L- STA. 16 + 61.00 –L– SR 1418 \_\_ (STATON HOUSE ROAD) (BELVOIR HWY.) **DATUM DESCRIPTION** Prepared in the Office of: THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT GRAPHIC SCALE IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY LOCATION & SURVEYS PROFESSIONAL LAND NCDOT FOR MONUMENT "B4788-1" **SURVEYOR** WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF DIVISION 1 FIELD OFFICE NORTHING: 697,049.7100(ft) EASTING: 2,474,432.0680(ft) 1300 US HWY 64W PLYMOUTH, NC 27962 ELEVATION: 28.90(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999901645 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM 2018 STANDARD SPECIFICATIONS "B4788-1" TO -L- STATION 10+65.00 IS LETTING DATE: RIGHT OF WAY DATE: N 18°51'16.88" W 461.95(ft) Jimmy Liverman, Jr. ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES <del>00 00 00</del> 12/2/2019 OCTOBER 9, 2019 MARCH 17, 2020 **VERTICAL DATUM USED IS NAVD 88** 

**SIGNATURE**:

<del>() () ()</del>

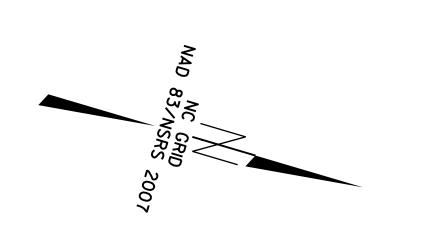
SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

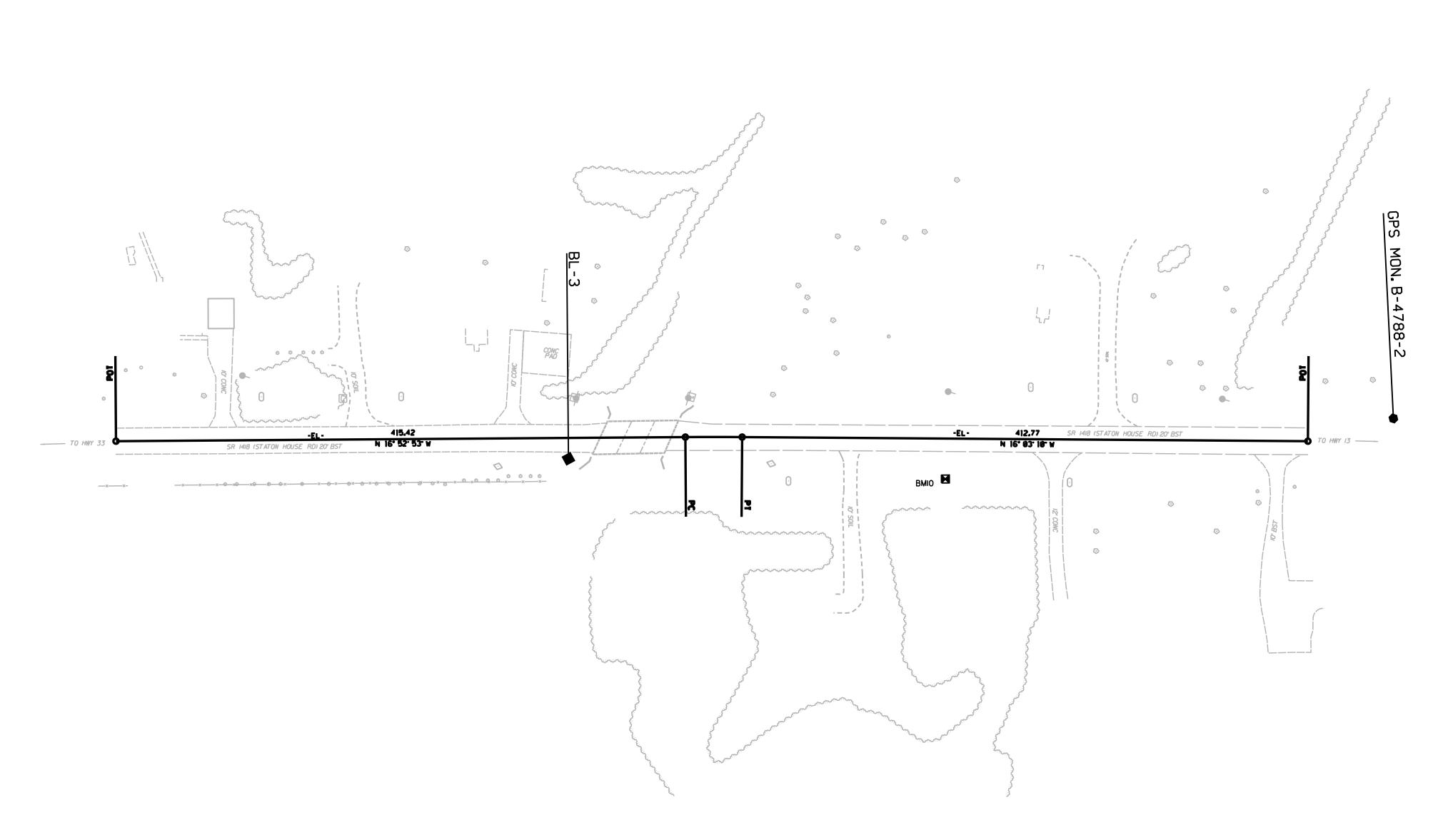
PROJECT REFERENCE NO. SHEET NO.

17BP.2.R.92 RW02C-1

Location and Surveys







SEE SHEET RWO2C-2 FOR FURTHER ALIGNMENT DETAILS

NOTES:

- I. 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.

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. SHEET NO.

17BP.2.R.92 RW02C-2

Location and Surveys

 BL
 POINT
 DESC.
 NORTH
 EAST
 ELEVATION

 B47881
 B-4788-1
 697049.7100
 2474432.0680
 28.90

 BL3
 BL-3
 697744.8670
 2474220.3600
 25.87

 B47882
 B-4788-2
 698313.7040
 2474021.5310
 30.86

BM10 ELEVATION - 31.09 N 698013 E 2474157 RRSPIKE

EL									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	697424.678	2474301.655							
LINE PC			N 16°52′53.2° W	415.42					
PC	697822.193	2474181.021							
CURVE			N 16°28′01.4° W	41.44	00°49′43 <b>.</b> 5"(RT)	02 <b>°</b> 00′00 <b>.</b> 0"	41.44	20.72	2864.79
PT	697861.929	2474169.275							
LINE			N 16°03′09.7° W	412.77					
POT	698258,600	2474055.137							

NOTES:

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## PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
17BP.2.R.92	RW02D-1
Location and	Surveys

L									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	697424.678	2474301.655							
LINE PC			N 16*52′55.0° W	327.52					
PC	697738.084	2474206.543							
CURVE			N 16°28′01.4° W	217.23	00°49′47.1"(RT)	00°22′55.1°	217.23	108.62	15000.00
PT	697946.402	2474144.966							
LINE POT			N 16°03′07.9° W	324.86					
POT	698258.600	2474055.137		<u> </u>					

DRV									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	697643.131	2474235.359							
LINE			N 73°07′05.0° E	23.00					
PC	697649.810	2474257.367							
CURVE PCC			N 51*28′56.2" E	44.24	43°16′17.6°(LT)	95*29′34.7*	45.31	23.80	60.00
PCC	697677.364	2474291.985							
CURVE			N 67°47′15.1° E	73.78	75°52′55.5"(RT)	95*29′34.7*	79.46	46.78	60.00
PT	697705.256	2474360.292							
LINE POT			S 74°16′17.1° E	21.97					
POT	697699.300	2474381.443					_		

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RIGHT OF WAY CONTROL SHEET

Location and S	Surveys
17BP.2.R.92	RW03E-1
PROJECT REFERENCE NO.	SHEET NO.

PROJECT SURVEYOR

THE CAROL

OFESSION

SEAL

L-4457

JIMMY LIWYMAN, Jr. LIVERMAN

C782A59719E7430...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ROW MARKER IRON PIN AND CAP-E ATION OFFSET NORTH ALIGN | STATION | EAST 10.65.00 -30.00 697478.1646 2474254.0714 697495.5887 2474311.4857 10.65.00 30.00 13.27.52 -30.00 697729.3714 2474177.8354 13.27.52 30.00 697746.7954 2474235.2497 -30.00 697938.1069 2474116.1356 15.44.75 15.44.75 30.00 697954.6977 2474173.7963 16.61.00 -30.00 698049.8235 2474083,9913 30.00 698066.4142 16.61.00 2474141.6519

I, Jimmy E. Liverman Jr., 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) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

Ifurther certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

Ifurther 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 sealthis 2nd day of December, 2019.

Jimmy Liverman, Jr.

C782A59719E7430...

Professional Land Surveyor



## NOTES:

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PERMANENT EASEMENT CONTROL SHEET

Location	and :	Survevs
17BP.2.R.92		RW03E-2
TROJECT KETEKETAC	L INO.	311LE1 14O.

PROJECT SURVEYOR

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PROJECT SURVEYOR

SEAL

L-4457

SURVEYOR

SEAL

L-4457

LIVERNALL

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	PERMANENT	EASEMENT IF	RON PIN AND CA	4P - E
AL I GN	STATION	OFFSET	NORTH	EAST
L	10.77.00	38.00	697509.3947	2474315.6561
L	10.77.00	30.00	697507.0716	2474308.0009
L	11.46.00	43.00	697576.8732	2474300.4030
L	11.51.00	49.00	697583.4001	2474304.6925
L	12.02.00	40.00	697629.5887	2474281.2699
L	12.02.00	30.00	697626.6847	2474271.7008
L	12.25.00	30.00	697648.6935	2474265.0216
L	12.25.00	40.00	697651.5975	2474274.5907
L	12.40.00	40.00	697665.9511	2474270.2347
L	12.40.00	30.00	697663.0471	2474260.6656
L	12.57.00	40.00	697682.2184	2474265.2978
L	12.57.00	30.00	697679.3144	2474255.7288
L	13.10.00	38.00	697732.3536	2474247,9928
L	13.10.00	30.00	697730.0304	2474240.3376
L	13.25.00	38.01	697746.7089	2474243.6424
L	13.27.52	-38.00	697727.0482	2474170.1802
L	13.75.00	-37.97	697772.6271	2474156.4565
L	14.00.00	38.13	697818.3857	2474222.1975
L	14.35.00	-37.96	697830.2796	2474139.2975
L	14.73.00	-30.00	697869.0634	2474136.1805
L	14.73.00	-38.00	697866.8146	2474128.5031
L	15.02.00	38.00	697915.9466	2474193.3339
L	15.02.00	30.00	697913.7126	2474185.6522
L	15.60.00	46.73	697973.9794	2474185.6615

I, Jimmy E. Liverman Jr., 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) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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