

24-FEB-2026 07:24
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mtwoodruff AT LS-34003IL

09/08/99

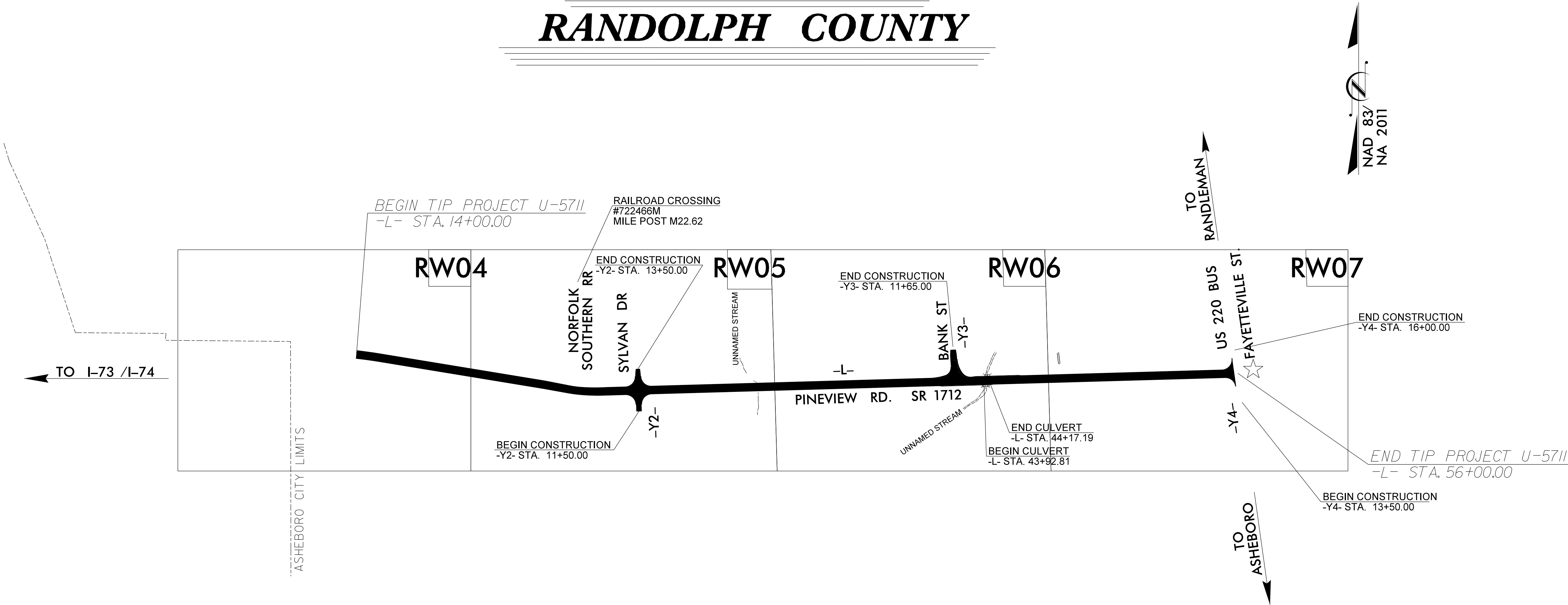
TIP PROJECT: U-571I

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-571I	RW01	11

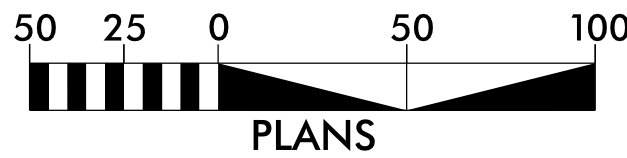
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

RANDOLPH COUNTY



GRAPHIC SCALE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "U5711-1"
WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 737,143.1140(ft) EASTING: 1,754,581.5130(ft)
ELEVATION: 704.337(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.9998849283
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"U5711-1" TO -L- STATION 14+00.00 IS
N 89°54'41.9" E 1,516.08(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

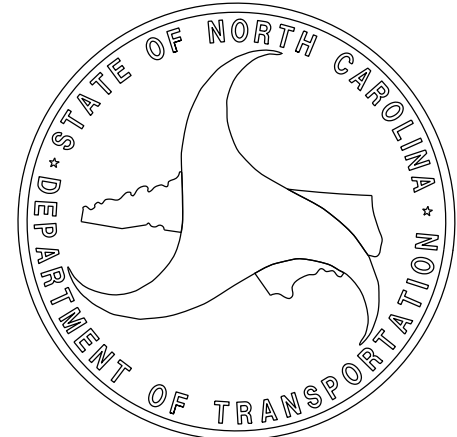
Prepared In the Office of:

NCDOT DIV 8
LOCATION & SURVEYS
300 DOT DR
ASHEBORO, NC 27205

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
08/31/2018

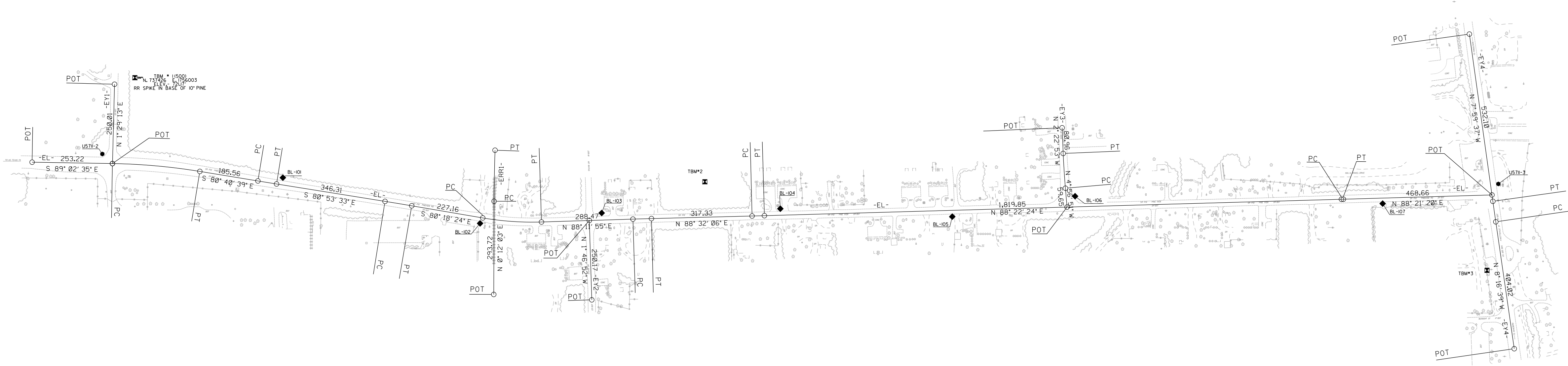
LETTING DATE:
06/16/2026



PROJECT REFERENCE NO.	SHEET NO.
U-5711	RW02C-1
Location and Surveys	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



- 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.
 3. SEE SHEET RW02C-3 FOR FURTHER ALIGNMENT DETAILS

6/2/99

REVISIONS

30-AUG-2023 16:48
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PROPOSED ALIGNMENT CONTROL SHEET

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	737159.3677	1755697.9797
PC	12+34.22	737155.4559	1755932.1636
PT	15+11.19	737130.6654	1756207.7772
PC	24+20.20	736983.4142	1757104.7810
PT	26+01.74	736971.2496	1757285.6376
POT	56+00.00	737056.3539	1760282.6865

RR1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	736743.0015	1757134.4440
PC	12+93.72	737036.7196	1757135.4740
PT	14+54.48	737197.4415	1757138.4962
POT	14+54.48	737197.4415	1757138.4962

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	737155.4492	1755932.5571
POT	12+80.00	737435.3578	1755939.7106

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	736726.9799	1757443.1669
POT	13+75.00	737101.8343	1757432.7183

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	737018.2812	1758941.9113
PC	10+59.67	737077.7304	1758936.7650
PT	11+69.40	737187.2231	1758929.7526
POT	12+80.00	737297.7250	1758925.1570

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	736572.8846	1760351.4087
POT	20+00.00	737562.9328	1760210.6795

NOTES:

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

18-AUG-2025 15:42
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AT LS-340031L
mwoodruff

PROJECT REFERENCE NO.	SHEET NO.
U-5711	RW03E-1
Location and Surveys	
DIVISION 8 LOCATION & SURVEYS 300 DOT DR ASHEBORO, NC 27205	

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	14+84.78	-40.00	737174.3194	1756187.6214
L	15+11.19	-40.00	737170.1371	1756214.2568
L	14+83.71	40.00	737095.3586	1756174.7242
L	15+11.19	40.00	737091.1937	1756201.2975
L	23+94.03	-40.00	737027.1246	1757085.4401
L	24+06.88	40.00	736946.1005	1757085.1559
L	25+50.40	-42.46	737013.6275	1757235.3936
L	25+52.15	40.03	736931.1154	1757235.1043
L	26+01.74	40.00	736931.2657	1757286.7730
L	26+90.00	40.00	736933.7709	1757374.9945
L	26+70.00	-40.00	737013.1710	1757352.7318
L	27+05.00	-45.00	737019.1625	1757387.5788
L	28+15.00	40.00	736937.3190	1757499.9441
L	28+05.00	-40.00	737017.0029	1757487.6774
L	41+65.00	-40.00	737055.6059	1758847.1294
L	43+60.00	-40.00	737061.1409	1759042.0508
L	55+25.00	-40.00	737094.2090	1760206.5814
L	55+43.03	-50.00	737104.7169	1760224.3262
L	55+40.00	40.00	737014.6670	1760223.8461
L	55+54.21	50.00	737005.0746	1760238.3418
L	43+10.00	-65.00	737084.7117	1758991.3644

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+80.00	-20.26	736906.3456	1757417.9037
Y2	11+80.00	19.74	736907.4602	1757457.8884
Y2	13+50.00	-20.49	737076.2731	1757412.9315
Y2	13+50.00	19.60	737077.3900	1757453.0039

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y3	10+90.00	-30.00	737105.7442	1758904.4187
Y3	11+50.00	30.00	737169.3294	1758960.5988

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED DECEMBER 2018 TO JULY 2025.

REVISIONS

ROW MARKER PERMANENT EASEMENT - E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	14+83.61	50.00	737085.4831	1756173.1489
L	14+84.72	-50.00	737184.2193	1756189.0354
L	17+55.00	-55.00	737145.4438	1756457.2777
L	19+65.00	50.00	737007.8126	1756647.4950
L	19+65.00	60.00	736997.9446	1756645.8751
L	20+40.00	40.00	737005.5312	1756723.1243
L	21+50.00	62.00	736966.0028	1756828.1077
L	22+20.00	-50.00	737065.1841	1756915.3261
L	23+91.63	-55.00	737042.3161	1757085.4961
L	24+10.89	65.00	736920.7804	1757085.0671
L	25+50.10	-55.23	737026.3953	1757235.4384
L	25+53.17	95.15	736875.9912	1757234.9110
L	25+55.00	95.00	736876.0931	1757236.9258
L	25+55.00	62.00	736909.0860	1757237.6125
L	27+09.78	-55.00	737029.2942	1757392.0765
L	27+22.36	62.00	736912.6982	1757407.9645
L	27+85.06	60.00	736916.4773	1757470.5890
L	32+00.00	40.00	736948.2471	1757884.7920
L	32+05.00	-40.00	737028.3568	1757887.5192
L	32+55.00	-55.00	737044.7700	1757937.0733
L	33+10.00	-40.00	737031.3372	1757992.4769
L	33+10.00	-55.00	737046.3311	1757992.0511
L	33+10.00	62.00	736929.3783	1757995.3721
L	33+80.00	-40.00	737033.3241	1758062.4487
L	33+80.00	-50.00	737043.3201	1758062.1649
L	33+95.00	-40.00	737033.7499	1758077.4427
L	33+95.00	-50.00	737043.7458	1758077.1588
L	34+45.00	40.00	736955.2013	1758129.6933
L	38+85.00	-50.00	737057.6543	1758566.9614
L	38+85.00	-40.00	737047.6583	1758567.2452
L	39+03.50	-40.00	737048.1834	1758585.7378
L	39+03.50	-50.00	737058.1794	1758585.4539
L	40+35.00	-60.00	737071.9080	1758716.6171
L	40+35.00	-40.00	737051.9160	1758717.1848
L	40+60.00	-40.00	737052.6256	1758742.1747
L	40+60.00	-60.00	737072.6176	1758741.6070
L	41+00.00	-50.00	737063.7570	1758781.8748
L	41+00.00	-40.00	737053.7610	1758782.1586
L	41+77.10	-50.00	737065.9454	1758858.9436
L	42+55.00	60.00	736958.2009	1758939.9346
L	42+55.00	75.00	736943.2070	1758940.3604
L	42+75.00	60.00	736958.7686	1758959.9266
L	42+75.00	75.00	736943.7747	1758960.3523
L	43+45.00	40.00	736980.7475	1759029.3307
L	43+50.71	60.00	736960.9177	1759035.6103
L	43+50.76	130.00	736890.9473	1759037.6443
L	43+55.00	75.00	736946.0454	1759040.3201
L	43+63.71	76.74	736944.5514	1759049.0758
L	44+05.00	85.00	736937.4687	1759090.5838
L	44+45.00	-65.00	737088.5436	1759126.3100
L	44+50.00	40.00	736983.7279	1759134.2884
L	44+53.00	60.00	736963.8211	1759137.8548
L	44+65.00	-50.00	737074.1174	1759146.7277
L	46+00.00	-40.00	737067.9533	1759281.9571
L	55+30.00	70.00	736984.3953	1760214.7047
L	55+30.00	60.00	736994.3913	1760214.4209
L	55+56.50	70.00	736985.1475	1760241.1934

PROJECT REFERENCE NO.	SHEET NO.
U-5711	RW03E-2
Location and Surveys	
DIVISION 8 LOCATION & SURVEYS 300 DOT DR ASHEBORO, NC 27205	

ROW MARKER PERMANENT EASEMENT - E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	14+15.00	100.00	736997.8275	1760392.0109
Y4	14+20.00	48.91	736995.5873	1760340.7217
Y4	14+40.00	100.00	737022.5787	1760388.4927
Y4	14+49.35	48.88	737024.6453	1760336.5653

NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED DECEMBER 2018 TO JULY 2025 .

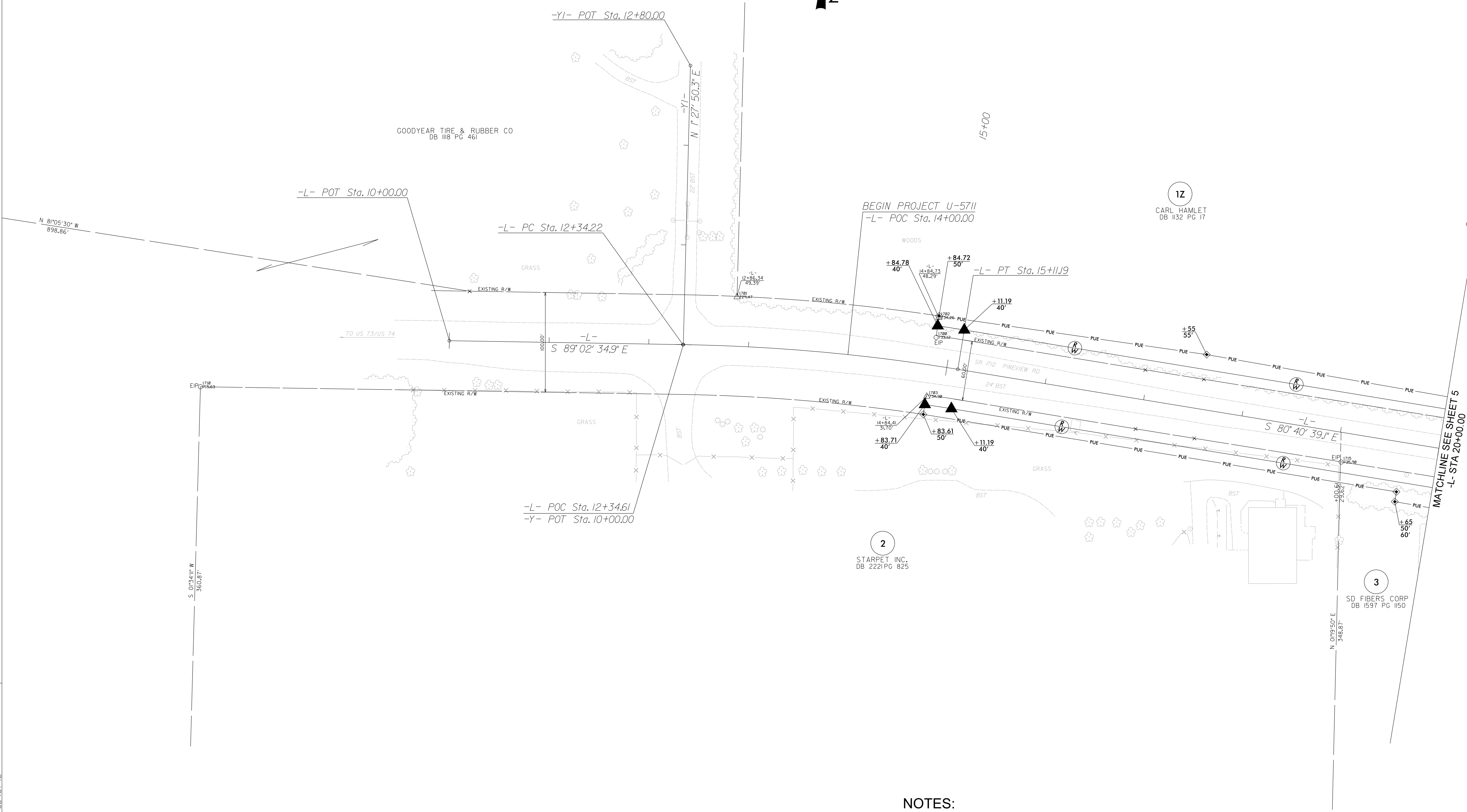
REVISIONS

DATE: 06-06-2019 [P] - ROW REV: NAME CHANGE ON PARCEL 02
DATE: 05-11-2022 [P] - ROW REV: CHANGE EASEMENT TO RUE ON PARCEL 01Z FROM STA. 14+84.72 TO 23+91.63

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AT LS-329679
mtwoodruff

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PROJECT REFERENCE NO.	SHEET NO.
U-5711	RW04
Location and Surveys	



-L-
PI Sta 13+72.95
 $\Delta = 8^\circ 21' 55.8''$ (RT)
 $D = 3^\circ 01' 13.2''$
 $L = 276.97'$
 $T = 138.73'$
 $R = 1,897.00'$
 $SE = EXIST$
 $RO = EXIST$

NOTES:

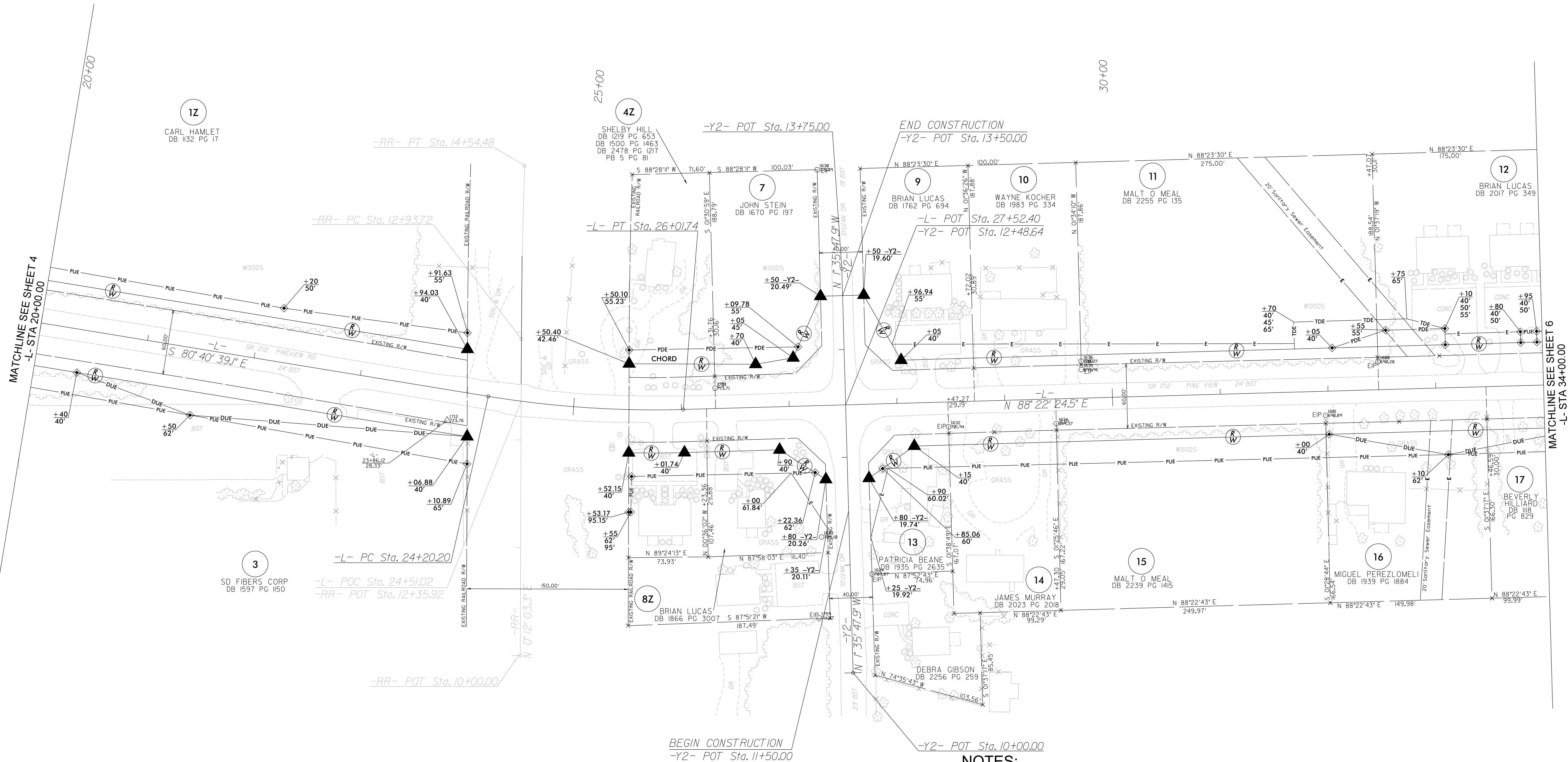
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED OCTOBER 2018 TO NOVEMBER 2018. REVISIONS ON DECEMBER 2018 & MAY 2022.

REVISIONS

DATE: 12-18-2019 (ITJ) - ROW REV. ADJUSTED PDE ON PARCEL 04 AND 07 MODIFIED ROW AND ADDED ROW MONUMENT ON PARCEL 07.
DATE: 12-25-2019 (PJ) - ROW REV. ADJUSTED PUE ON PARCEL 04 AND 07 MODIFIED ROW AND ADDED ROW MONUMENT ON PARCEL 07.
DATE: 06-06-2019 (PJ) - ROW REV. COMBINED PARCELS 04, 05, & 06 INTO ONE PARCEL 04 BECAUSE OF SAME OWNERSHIP.
DATE: 05-11-2022 (PJ) - ROW REV. CHANGE EASEMENT TO PUE ON PARCEL 01Z FROM STA. 14+84.72 TO 23+91.63.
DATE: 07-08-2025 (PJ) - ROW REV.: UPDATED RAILROAD ROW TO REFLECT 150'; CHANGED ROW & PDE ON PARCEL 04Z AND CHANGED ROW & PUE ON PARCEL 08Z.

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NOTES:

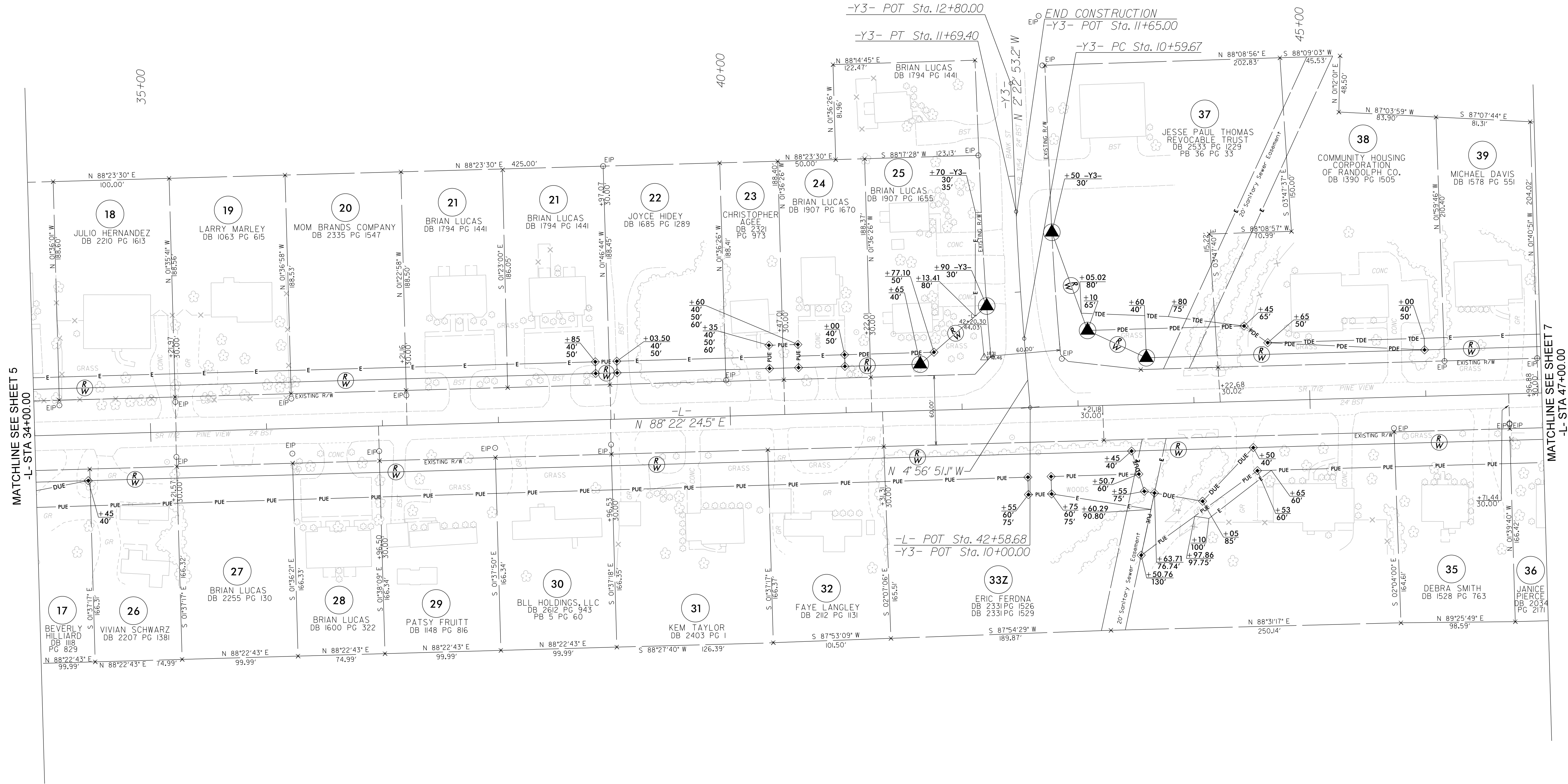
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED DECEMBER 2018 TO JULY 2025.

REVISIONS

DATE: 1-21-2019 (PJ) - ROW REV: ADJUSTED ROW, PDE, PUE, DUE AND EASEMENT ON PARCELS 33, 34, 37 AND 38.
DATE: 1-25-2019 (PJ) - ROW REV: PARCEL 33 & 34 - COMBINED THESE PARCELS INTO ONE PARCEL 33; PARCEL 37 - NAME CHANGE, PARCEL 30 NAME CHANGE.
DATE: 06-06-2019 (PJ) - ROW REV: NAME CHANGE ON PARCEL 30.
DATE: 01-14-2025 (PJ) - ROW REV: ADDITIONAL PUE ON PARCEL 33Z FOR UTILITY CONSTRUCTION WORK.

19-AUG-2025 10:07
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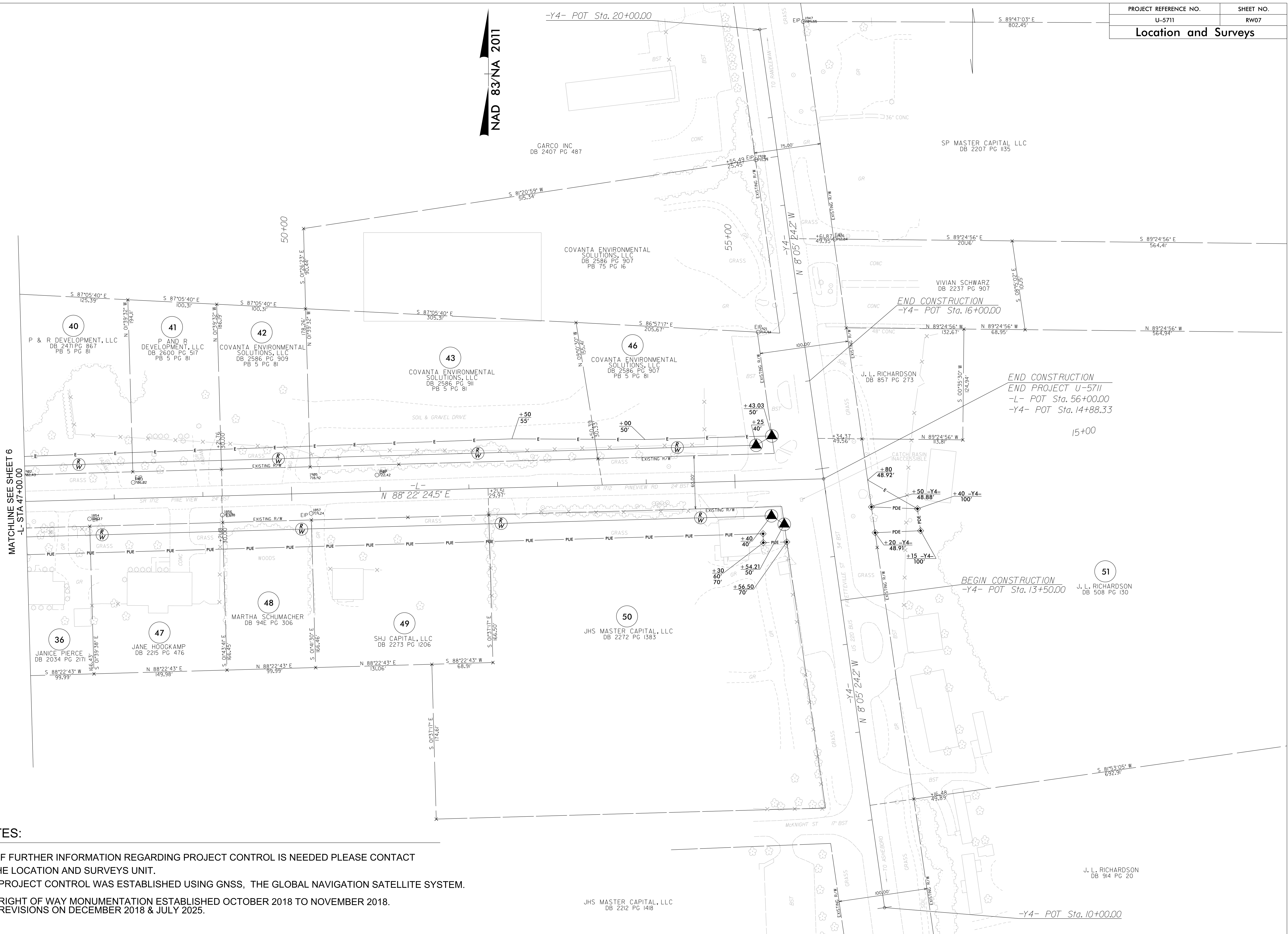
NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED DECEMBER 2018 TO JULY 2025 .

DATE: 06-06-2019 (PJI) ROW REV. NAME CHANGE ON PARCELS 41, 42, & 44; COMBINED PARCELS 43, 44, & 45 INTO ONE ONE PARCEL 43 WITH NAME CHANGE.
DATE: 11-13-2024 (PJI) ROW REV. ADDED TCE ON PARCEL 5.

6/2/99

2-AUG-2025 14:28
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NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED OCTOBER 2018 TO NOVEMBER 2018. REVISIONS ON DECEMBER 2018 & JULY 2025.