


PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW02C-1
Location and Surveys	
LOCATION & SURVEYS DIVISION 3 5310 BARBADOS BLVD. #102 CASTLE HAYNE, NC 28429 (910) 341-2280	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
U4906-11	TRV	CAP & REBAR	393958.1340	2462380.6130	11.92
U4906-12	TRV	CAP & REBAR	395260.1660	2462243.8590	29.03
BL-A1	TRV	CAP & REBAR	396162.8380	2462052.5640	27.81
BL-A2	TRV	CAP & REBAR	397098.7770	2461941.3390	33.43
BL-A3	TRV	CAP & REBAR	397948.8120	2461387.8840	32.79
BL-A4	TRV	CAP & REBAR	398686.6770	2460999.1360	31.83
BL-A5	TRV	CAP & REBAR	399442.5760	2460736.5820	29.32
BL-A6	TRV	CAP & REBAR	400022.9140	2459871.8260	19.14
BL-A7	TRV	CAP & REBAR	400372.4100	2459236.2410	32.84
BL-A8	TRV	CAP & REBAR	401000.7770	2458549.3900	32.99
U4906-2	GPS	CAP & REBAR	401573.9450	2457855.0470	32.68
BL-10	TRV	CAP & REBAR	401793.7408	2457354.2536	32.36
BL-11	TRV	CAP & REBAR	401857.9054	2456729.8014	30.97
BL-12	TRV	CAP & REBAR	402192.1929	2456222.0339	35.16
BL-13	TRV	CAP & REBAR	402774.6708	2455942.5223	36.07
BL-14	TRV	CAP & REBAR	403443.9506	2455691.5652	36.45
BL-15	TRV	CAP & REBAR	404101.0849	2455429.8049	40.52
BL-16	TRV	CAP & REBAR	404685.6167	2455046.0498	44.87
U4906-3	GPS	CAP & REBAR	405254.1273	2454608.0467	46.15
BL-17	TRV	CAP & REBAR	405842.4942	2454150.8603	46.31
BL-18	TRV	CAP & REBAR	406478.8588	2453756.9057	46.69
BL-19	TRV	CAP & REBAR	407189.5165	2453317.5865	43.94
BL-20	TRV	CAP & REBAR	407784.3884	2452948.2985	42.05
BL-21	TRV	CAP & REBAR	408402.7974	2452422.8663	45.24
U4906-5	GPS	CAP & REBAR	408959.1429	2451853.7429	45.01
BL-22	TRV	CAP & REBAR	409478.1065	2451592.6592	47.79
U4906-6	GPS	CAP & REBAR	410008.1620	2451399.4752	46.95
BL-23	TRV	CAP & REBAR	410567.1985	2451200.5224	46.33
BL-24	TRV	CAP & REBAR	411121.4331	2451128.7043	45.31
BL-25	TRV	CAP & REBAR	411696.5363	2450818.8945	47.67
BL-26	TRV	CAP & REBAR	412131.0487	2450390.7278	47.21
BL-27	TRV	CAP & REBAR	412472.7141	2449923.3090	50.48
BL-28	TRV	CAP & REBAR	412729.0972	2449404.3106	51.68
BL-29	TRV	CAP & REBAR	412884.4303	2448834.7121	48.37
BL-30	TRV	CAP & REBAR	413164.1751	2448344.5118	48.66
U4906-7	GPS	CAP & REBAR	413606.2397	2447928.3325	48.19
BL-31	TRV	CAP & REBAR	413768.4537	2447376.7948	48.57
BL-32	TRV	CAP & REBAR	413822.9024	2446536.2347	47.18
BL-33	TRV	CAP & REBAR	413878.6152	2445712.6057	43.69
BL-34	TRV	CAP & REBAR	413900.2617	2444928.0211	33.79
BL-35	TRV	CAP & REBAR	414127.6189	2444426.2526	28.16
BL-36	TRV	CAP & REBAR	414422.8701	2443819.1367	24.04
BL-37	TRV	CAP & REBAR	414640.2366	2443362.1127	25.04
U4906-9	GPS	CAP & REBAR	415069.6854	2443055.6974	23.69
BL-38	TRV	CAP & REBAR	415606.5308	2442822.4454	28.67
U4906-10	GPS	CAP & REBAR	416137.8418	2442557.2113	32.40
BL-39	TRV	CAP & REBAR	416630.5031	2442219.8384	39.13
BL-40	TRV	CAP & REBAR	417132.4995	2441550.5362	40.64
BL-5	TRV	CAP & REBAR	417457.8552	2440898.8903	31.11
BL-41	TRV	CAP & REBAR	417720.3338	2440452.3036	26.11
BL-42	TRV	CAP & REBAR	418054.9734	2439976.8122	24.47
B3884-2	GPS	CAP & REBAR	418514.5683	2439359.6489	37.12
B3884-1	GPS	CAP & REBAR	419227.7826	2438396.1910	45.91

BY	POINT	DESC.	NORTH	EAST	ELEVATION
U4906-12	GPS	CAP & REBAR	395260.1660	2462243.8590	29.03
BY-A9	TRV	CAP & REBAR	395260.4980	2462633.7380	30.64

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
BL-A2	TRV	CAP & REBAR	397098.7770	2461941.3390	33.43
BY1-A10	TRV	CAP & REBAR	397512.4660	2462269.4510	35.27

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
BL-A5	TRV	CAP & REBAR	399442.5760	2460736.5820	29.32
BY2-A11	TRV	CAP & REBAR	399658.0640	2461075.6250	34.96

NOTE:
 SUPPLEMENTAL BENCHMARKS WERE NOT SET AFTER CONSULTING WITH DIVISION 3 CONSTRUCTION OFFICES.
 TRANS TECHNICIAN VI JIMMY ZEPEDA, PLS.

I, CHRISTOPHER J. SAWYER, PLS, certify that the Project Control was [performed/verified] under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

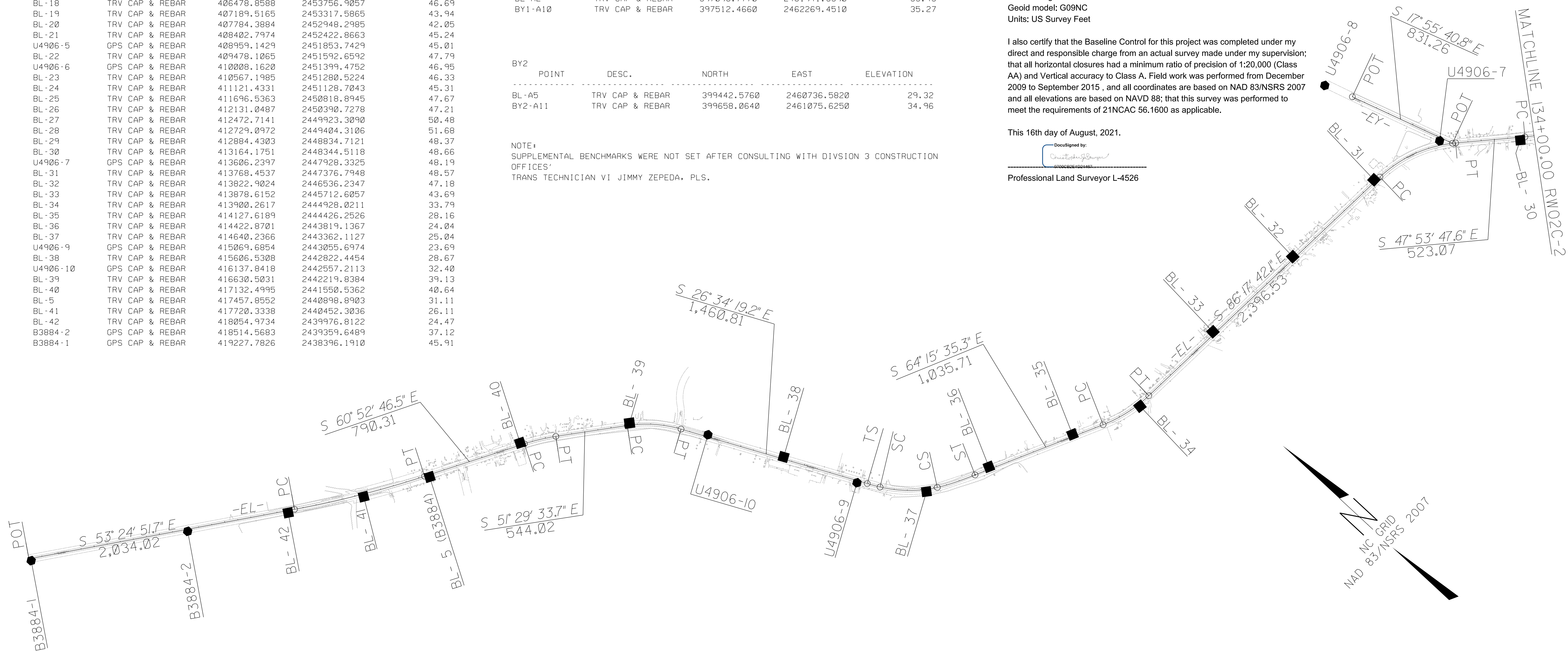
Class of survey: **AA**
 Type of GPS field procedure: NC-VRS-RTN
 Dates of survey: December 2009 to September 2015
 Datum/Epoch: NAD 83/NSRS 2007
 Published/Fixed-control use: Project Control N/A for RTN
 [Project Control if applicable, N/A for RTN]
 Localized around: U4906-7
 Northing: 413606.2397
 Easting: 2447928.3325
 Combined grid factor: 0.9998986292
 Geoid model: G09NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from December 2009 to September 2015, and all coordinates are based on NAD 83/NSRS 2007 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 16th day of August, 2021.

DocuSigned by:

 Christopher Sawyer
 Professional Land Surveyor L-4526



EY				
POINT	N	E	BEARING	DIST
POT	414313.639	2447724.467		
LINE			S 17° 55' 40.8\"/>	
POT	413522.746	2447980.345		

NOTES:

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