FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	SC	Oconee	P041166	S 51	5A

PROPERTY MONUMENTS FOUND

ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
OFF CHAIN	OFF CHAIN	OFF CHAIN	1022494.424	1400604.259	#6 REBAR
OFF CHAIN	OFF CHAIN	OFF CHAIN	1022522.325	1400478.008	#6 REBAR-BENT
OFF CHAIN	OFF CHAIN	OFF CHAIN	1019550.679	1399878.751	MASONRY NAIL
OFF CHAIN	OFF CHAIN	OFF CHAIN	1022747.318	1400660.331	#6 REBAR
S51	118+13.51	583.00	1021331.691	1400914.255	#4 REBAR
OFF CHAIN	OFF CHAIN	OFF CHAIN	1022744.059	1400686.995	MASONRY NAIL
S51	108+14.44	-0.08	1020780.838	1399816.852	MASONRY NAIL
S51	99+57.98	128.47	1019981.034	1399949.937	1" BENT IRON PIPE
S51	103+67.63	-0.74	1020349.423	1399733.198	MASONRY NAIL
S51	104+93.24	-0.47	1020474.876	1399728.509	MASONRY NAIL
S51	118+20.88	248.23	1021494.750	1400621.373	#4 REBAR BENT
S51	106+72.54	0.74	1020650.607	1399761.148	MASONRY NAIL
S51	126+47.47	32.40	1022392.088	1400638.975	3/4" IRON PIN
S51	118+58.32	338.74	1021511.114	1400726.494	#4 REBAR
S51	126+47.55	32.53	1022392.136	1400639.119	#4 REBAR
S51	99+44.46	32.16	1019944.952	1399859.621	1" X 1" IRON
OFF CHAIN	OFF CHAIN	OFF CHAIN	1018965.200	1399563.539	TPOST-SHOTATBASE
S51	118+31.33	566.69	1021385.651	1400921.532	MAGNAIL
S51	108+11.87	-0.14	1020778.599	1399815.596	MASONRY NAIL
S51	118+63.81	464.98	1021469.766	1400845.892	#4 REBAR BENT
S51	118+26.44	362.04	1021457.075	1400729.348	#4 REBAR
S51	107+36.07	-0.07	1020710.427	1399782.460	MASONRY NAIL
S51	118+13.08	140.17	1021530.818	1400518.714	#4 REBAR BENT
OFF CHAIN	OFF CHAIN	OFF CHAIN	1022725.552	1400716.248	1" PIPE
OFF CHAIN	OFF CHAIN	OFF CHAIN	1018939.808	1399583.999	RRSPIKE
OFF CHAIN	OFF CHAIN	OFF CHAIN	1022725.695	1400716.270	1" PIPE
S51	123+15.65	27.98	1022069.739	1400560.159	#4 REBAR
OFF CHAIN	OFF CHAIN	OFF CHAIN	1019265.308	1399783.955	MASONRY NAIL
S51	121+01.82	-33.25	1021876.069	1400452.069	#5 REBAR-W/CAP
S51	118+51.58	172.59	1021565.984	1400569.518	#4 REBAR
S51	115+32.98	33.08	1021337.633	1400271.455	#5 REBAR
S51	118+56.99	0.42	1021634.364	1400411.421	MASONRY NAIL
S51	116+55.69	-33.13	1021474.015	1400288.485	#5 REBAR-W/CAP
S51	99+40.44	-0.07	1019933.365	1399829.287	MASONRY NAIL

SURVEY CONTROL POINTS

POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
PSC 1	S51	OFF CHAIN	OFF CHAIN	1018722.866	1399360.893	859.12	REBAR W/ CAP
PSC 2	S51	OFF CHAIN	OFF CHAIN	1019539.035	1399842.575	875.13	REBAR W/ CAP
PSC 3	S51	112+69.57	14.96	1021138.638	1400097.578	798.67	REBAR W/ CAP
PSC 4	S51	OFF CHAIN	OFF CHAIN	1022503.284	1400649.641	869.14	REBAR W/ CAP
PSC 5	S51	OFF CHAIN	OFF CHAIN	1023293.424	1400783.342	905.57	REBAR W/ CAP
MSC 6	S51	100+93.68	13.29	1020085.378	1399805.731	866.45	REBAR W/ CAP
MSC 7	S51	104+67.48	-25.12	1020449.489	1399703.477	853.62	REBAR W/ CAP
MSC 8	S51	108+65.33	-13.91	1020832.147	1399832.001	816.31	REBAR W/ CAP
MSC 9	S51	117+39.20	14.62	1021521.664	1400372.286	842.24	REBAR W/ CAP
MSC 10	S51	123+24.71	-13.10	1022087.790	1400522.157	862.27	REBAR W/ CAP

PROJECT BENCHMARK

POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
BM1	S51	112+66.48	70.32	1021102.527	1400139.647	795.58	RR SPIKE IN POWER POLE

CERTIFICATION:

I Wendell R. Ball, hereby state that to the best of my professional knowledge, information, and belief, the survey shown hereon was made in accordance with the requirements of the Standards of Practice Manual for Surveying in South Carolina, and meets or exceeds the requirements as specified therein for a GNSS South Carolina Virtual Reference Station (SCVRS) Real Time Network (RTN) horizontal (NAD 83 / 2011) positional survey, a Class "A" horizontal Control Survey and a Class "E(a.)" Vertical (NAVD88)Control survey.

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 30757 LAND SURVEYOR WENDELL R. BALL

SOUTH CAROLINA NV5 ENGINEERS AND CONSULTANTS, INC. No. C00957 CERTIFICATE OF AUTHORIZATION

DocuSigned by: Wendell Ball D43C087E3518438...

7/19/2023

Professional Land Surveyor
Registration No. 30757

Date

NV5 Engineers and Consultants, INC.
7500 East Independence Blvd. Suite 100, Charlotte, NC 28227

NOTES:

1. The alignment Station and Offset are referenced to the existing Survey Centerline.
2. Date of Survey: June 30, 2023
3. Trimble Business Center (TBC) version 4.10 was used to process the horizontal SCVRS oservations and process the digital level loops.
4. The horizontal coordinate Datumn is NAD83/2011 International Feet.
5. The vertical elevation Datumn is NAVD88.

The Property Monuments Found listed on this sheet are assumed to be property corner monuments, field located during the course of this survey. The Department makes no claim that these located monuments are the true position of any property and takes no responsibility for this information being used as such. These monuments are tied to the control of this project in an effort to document and preserve their location in the event they are disturbed or destroyed during the construction of the project.

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

SURVEY CONTROL DATA

PROJECT DESCRIPTION

S-51 Bridge over Snow Creek, Oconee County (P041166)

DATUM DESCRIPTION

The LOCALIZED Coordinate System developed for this project is based on the NAD83 (2011) South Carolina State Plane Coordinate System used to establish the Localization Point. The Localization point is Primary Survey Control point number PSC 3 with a Northing of 1021138.638 and an Easting of 1400097.578 The Combined Scale Factor (CSF) (ground to grid) is 0.9998989364 Elevations for this project are based on NAVD88 for Bench Mark number PSC 3 with an elevation of 798.67'.

Drawing Name:
P041166_SCDS_5A.pdf
NV5 Proj #: 2023042.00

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