

C:\JOBS\2023\LOCATION\Emergency Survey US 17A_RR_Yemassee\OFFICE\FINAL\COLUMBIA\042942\042942.xlsm]SCDS 5A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	SC	HAMPTON/BEAUFORT	P042942	US 21 / 17-A	5A

PROPERTY MONUMENTS FOUND					
ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
US 21/17-A TANGENT	1107+08.29	-50.49	305851.41	2043577.11	IP 1/2 PIPE
US 21/17-A TANGENT	1107+12.53	-50.32	305848.05	2043579.69	CMT 4"
US 21/17-A TANGENT	1120+18.39	-50.19	304845.69	2044416.69	IP 3/4 REBAR
US 21/17-A TANGENT	1105+29.12	-744.31	306433.69	2043994.77	CMT 4"

SURVEY CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
1	US 21/17-A CURVE	1066+21.52	18.27	309117.2391	2043752.1959		WITH CAP
2	US 21/17-A CURVE	1075+44.47	17.16	308418.2714	2043146.7598	24.37	WITH CAP
3	US 21/17-A CURVE	1084+20.74	22.55	307598.3720	2042833.6308	34.51	CP 3 #5 REBAR
4	US 21/17-A CURVE	1093+23.17	20.62	306699.5202	2042931.5731	22.75	CP 4 #5 REBAR
5	US 21/17-A TANGENT	1104+28.50	14.71	306024.3597	2043347.7144	41.95	CP 5 #5 REBAR
6	US 21/17-A TANGENT	1107+26.89	12.91	305796.4891	2043540.3750	43.76	CP 6 #5 REBAR
7	US 21/17-A TANGENT	1118+90.32	-17.36	304922.9396	2044309.3928	11.47	CP 7 #5 REBAR
8	US 21/17-A TANGENT	1129+79.36	19.08	304063.7270	2044979.5244	8.39	WITH CAP
9	US 21/17-A TANGENT	1142+85.80	-16.41	303083.7582	2045844.2270	17.51	WITH CAP

PROJECT BENCHMARKS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
52	US 21/17-A CURVE	1082+99.94	-57.09	307703.7346	2042931.4101	31.27	BM 1 NAIL IN 34" OAK
53	US 21/17-A CURVE	1093+88.70	61.72	306622.4062	2042916.6706	21.05	BM 2 NAIL IN 14" GUM
54	US 21/17-A TANGENT	1106+50.87	-5.26	305866.4849	2043505.5873	22.78	BM 3 GEO X 74
55	US 21/17-A TANGENT	1115+85.06	-29.92	305165.2831	2044123.3525	12.62	BM 4 NAIL IN 32" PINE
56	US 21/17-A TANGENT	1125+66.52	-53.78	304427.2909	2044770.8127	7.65	BM 5 NAIL IN 18" PINE

<div>NOTES:</div> <div>1. The alignment Station and Offset are referenced to the existing Survey Centerline.</div> <div>2. Date of Survey: NOVEMBER 9, 2023</div>		<div><div><div>SCDOT</div><div>SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</div></div></div>	<div>SURVEY CONTROL DATA</div>	
			<div>PROJECT DESCRIPTION</div> <div>US 17A / US 21 over CSX Emergency Bridge Project, Beaufort County, Asset 834, Bridge struck during train derailment on 9/20/23.</div>	
		<div>DATUM DESCRIPTION</div> <div>This GRID Coordinate System developed for this project is based on NAD83(2011) South Carolina State Plane Coordinate System. A Combined Scale Factor (CSF) for each Survey Control Point must be computed and applied to horizontal ground distances. Elevations for this project are based on NAVD88 for CK1580 with an Elevation of 22.78</div>		
<div>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.</div>				

