

I:\Foster\RA\Survey Control Data Sheet (SCDS)\Laurens\PO38302 S-340 Helms Cir\PO38302_S-340_HELLAMS CIR.klm\SCDS 5A

FED. RD. DEV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	SC	LAURENS	P038302	S340	5A

PROPERTY MONUMENTS FOUND					
ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
S-340	19+96.13	192.67	1004758.66	1655355.76	IP AXLE
S-340	20+67.21	-1.56	1004920.95	1655483.96	IP NAIL & CAP
S-340	20+79.45	-34.69	1004948.61	1655505.93	IP 2 OT BENT
S-340	21+35.90	354.50	1004561.26	1655437.98	IP 3/4 CT
S-340	22+22.32	122.29	1004754.85	1655592.62	IP 1 OT
S-340	22+42.34	19.30	1004846.43	1655643.81	IP 3/4 CT
S-340	22+52.01	-506.92	1005343.30	1655817.38	IP 1/2 RB
S-340	22+68.54	143.81	1004719.97	1655629.80	IP 1 SQUARE BAR
S-340	22+77.88	-577.89	1005402.63	1655864.12	IP 1/2 RB
S-340	23+62.47	609.47	1004248.27	1655573.57	IP 1/2 RB
S-340	24+79.45	403.41	1004407.47	1655749.06	IP 1/2 RB
S-340	25+89.84	320.62	1004451.64	1655879.78	IP 1/2 RB
S-340	26+16.12	372.97	1004393.70	1655888.40	IP 1 CT BENT
S-340	26+93.62	-466.82	1005166.60	1656226.18	IP 4 RB
S-340	27+24.25	-479.41	1005168.86	1656259.21	IP AXLE BENT
S-340	27+91.67	417.41	1004296.76	1656039.51	IP 3/4 CT
S-340	28+20.71	425.07	1004280.31	1656064.63	IP 3/4 CT
S-340	28+27.14	-22.28	1004702.66	1656212.23	IP 3/8 BOLT BENT
S-340	28+29.26	-24.44	1004704.04	1656214.93	IP CM
S-340	28+44.98	0.27	1004675.62	1656222.02	IP SUP
S-340	28+74.95	0.43	1004666.00	1656250.40	IP SUP
S-340	30+60.80	522.17	1004112.25	1656261.68	IP 3/4 CT
S-340	32+73.12	-423.06	1004941.82	1656764.13	IP 5/8 RB
S-340	33+57.01	-32.74	1004545.21	1656718.44	IP SOUND IN TREE
S-340	36+00.93	-35.33	1004471.06	1656950.19	IP 5/8 RB
S-340	36+17.20	-707.47	1005106.42	1657170.12	IP AXLE
S-340	37+43.39	-2.19	1004396.16	1657075.83	IP SUP
S-340	39+51.73	-667.62	1004966.70	1657476.68	IP 3/4 CT
S-340	41+22.81	-148.30	1004419.95	1657481.71	IP NAIL AND CAP
S-340	44+27.04	-608.80	1004766.11	1657911.58	IP AXLE
S-340	44+29.14	-623.59	1004779.56	1657918.08	IP 1 OT
S-340	44+32.78	-622.59	1004777.49	1657921.24	IP 1.25 OT

SURVEY CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
1	S-340	17+09.32	0.69	1005030.6170	1655143.2800	726.71	PSC 1 REBAR/CAP
2	S-340	20+83.68	-15.02	1004928.6040	1655503.8070	714.94	PSC 2 REBAR/CAP
5	S-340	25+34.81	14.87	1004759.2750	1655923.0240	688.28	CP 5 BRG NAIL
6	S-340	29+82.39	-13.10	1004644.8380	1656356.6050	655.58	CP 6 BRG NAIL
7	S-340	34+81.70	-14.43	1004487.8880	1656830.6770	679.89	CP 7 BRG NAIL
3	S-340	38+24.21	1.53	1004368.0350	1657151.6810	685.39	PSC 3 REBAR/CAP
4	S-340	41+26.19	-132.91	1004404.2640	1657480.2480	687.04	PSC 4 REBAR/CAP

PROJECT BENCHMARKS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION

NOTES:		SURVEY CONTROL DATA	
1. The alignment Station and Offset are referenced to the existing Survey Centerline. 2. Date of Survey: MAY 14, 2019		PROJECT DESCRIPTION	
		BRIDGE REPLACEMENT SURVEY	
		DATUM DESCRIPTION	
		The LOCALIZED Coordinate System developed for this project is based on NAD83(2011) South Carolina State Plane Coordinate System used to establish the Localization Point. The Localization Point is Primary Survey Control point number 2 with a Northing of 1004928.6038 and an Easting of 165503.8066. The Combined Scale Factor (CSF) (ground to grid) is 0.99988844. Elevations for this project are based on NAVD88 for CP2 with an elevation of 714.94	

