

SCDOT

South Carolina Department of Transportation

CAROLINA  
CROSSROADS

BROAD RIVER ROAD  
RAMP FRONTAGE 0

**Vertical Curve Data:**

Station	Elevation (ft)	Grade (%)	Notes
4199+00	316.60	-1.41%	Start of 200' V.C.
4199+70.00	314.91	-1.41%	VPI
4200+00	313.28	-3.14%	Midpoint of 200' V.C.
4201+00	311.10	-3.14%	VPC
4201+55.00	319.25	4.20%	VPI
4202+00	310.28	4.20%	Midpoint of 690' V.C.
4203+00	308.73	4.20%	
4204+00	307.74	4.20%	
4204+60.00	299.50	4.20%	VPI
4205+00	308.02	4.20%	
4206+00	309.18	4.20%	
4207+00	310.44	4.20%	
4208+00	316.51	4.20%	VPT
4208+55.00	319.25	4.20%	VPI
4209+00	321.14	4.20%	
4210+00	325.34	4.20%	
4211+00	329.54	4.20%	
4211+75.00	332.35	4.20%	VPT
4212+00	302.60	4.20%	
4213+00	307.35	4.20%	
4214+00	321.55	4.20%	
4214+44.00	332.44	4.20%	

**Key Points and Grades:**

- 200' V.C. Curve: VPI = 4199+70.00, Elev. = 314.91; VPC = 4199+00, Elev. = 316.32; VPT = 4201+00, Elev. = 311.77.
- 690' V.C. Curve: VPI = 4208+55.00, Elev. = 319.25; VPC = 4201+00, Elev. = 310.35; VPT = 4208+55.00, Elev. = 316.75.
- Grades: (-) 1.41%, (-) 3.14%, (-) 3.14%, (+) 5.00%, (+) 4.20%.
- SSD = 723', K = 115 for the 200' V.C. curve.
- SSD = 1399', K = 125 for the 690' V.C. curve.