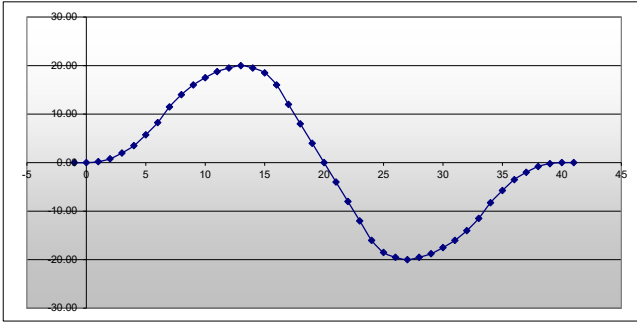




DOUBLE LANE CHANGE CALCULATIONS



Position	Lateral Acceleration	Calculated Value	Percent Error	Scaled Lateral Acceleration	Longitudinal Acceleration/Deceleration	Radius of Curve
-1	0.00	0.42	n/a	0.000	0.000	4.034
0	0.00	-0.34	n/a	0.000	0.000	0.990
1	0.20	-0.23	214.15	0.000	0.000	1.019
2	0.80	0.61	23.59	0.000	0.000	2.152
3	2.00	2.05	-2.44	0.000	0.000	3.520
4	3.50	3.95	-12.86	0.000	0.000	4.087
5	5.75	6.18	-7.49	0.000	0.000	3.246
6	8.25	8.61	-4.31	0.000	0.000	1.152
7	11.50	11.09	3.55	0.000	0.000	1.399
8	14.00	13.50	3.55	0.000	0.000	3.381
9	16.00	15.71	1.84	0.000	0.000	4.044
10	17.50	17.57	-0.38	0.000	0.000	3.309
11	18.75	18.95	-1.07	0.000	0.000	1.861
12	19.50	19.72	-1.13	0.000	0.000	0.755
13	20.00	19.75	1.27	0.000	0.000	0.758
14	19.50	19.77	-1.40	0.000	0.000	
15	18.50	18.22	1.50	0.000	0.000	
16	16.00	15.75	1.54	0.000	0.000	
17	12.00	12.55	-4.59	0.000	0.000	
18	8.00	8.80	-9.99	0.000	0.000	
19	4.00	4.68	-17.10	0.000	0.000	
20	0.00	0.39	n/a	0.000	0.000	
21	-4.00	-3.90	2.54	0.000	0.000	
22	-8.00	-8.00	0.05	0.000	0.000	
23	-12.00	-11.72	2.35	0.000	0.000	
24	-16.00	-14.88	7.00	0.000	0.000	
25	-18.50	-17.30	6.50	0.000	0.000	
26	-19.50	-18.78	3.67	0.000	0.000	
27	-20.00	-20.31	-1.53	0.000	0.000	
28	-19.50	-20.33	-4.24	0.000	0.000	
29	-18.75	-19.61	-4.57	0.000	0.000	
30	-17.50	-18.28	-4.46	0.000	0.000	
31	-16.00	-16.48	-3.02	0.000	0.000	
32	-14.00	-14.35	-2.49	0.000	0.000	
33	-11.50	-12.01	-4.46	0.000	0.000	
34	-8.25	-9.61	-16.46	0.000	0.000	
35	-5.75	-7.27	-26.43	0.000	0.000	
36	-3.50	-5.13	-46.65	0.000	0.000	
37	-2.00	-3.33	-66.54	0.000	0.000	
38	-0.80	-2.00	-149.80	0.000	0.000	
39	-0.20	-1.27	-535.00	0.000	0.000	
40	0.00	-1.28	n/a	0.000	0.000	
41	0.00	-2.16	n/a	0.000	0.000	

Tire/road mu-value= 0.75

