

APPENDIX B

SPEED STUDIES

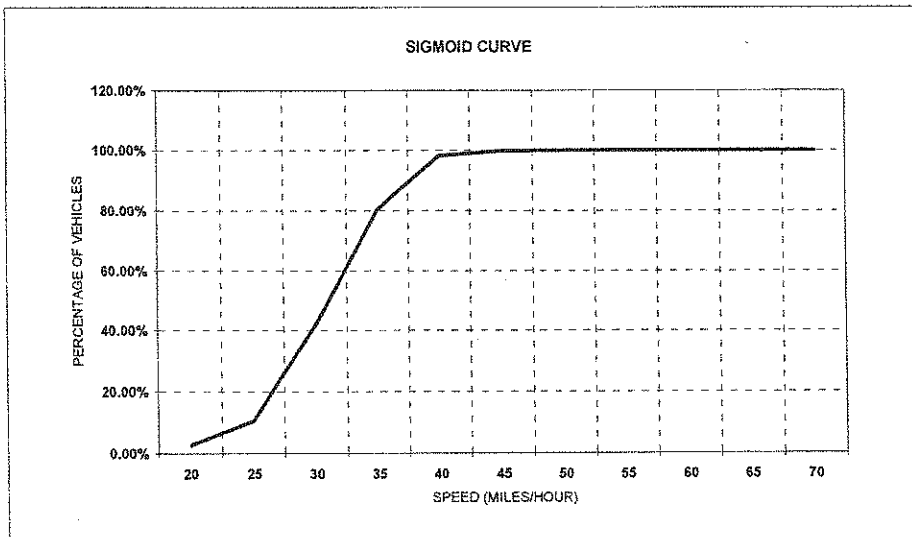
SPOT SPEED STUDY ANALYSIS (Counter)

SITE : Little Bear Road South of HWY 191
 DIRECTION: Southbound
 DATE: 10/29/08 to 11/2/08
 TIME: 96 Hours



SPEED RANGE	SPEED VALUE	SPEED FREQUENCY	CUMULATIVE FREQUENCY	RELATIVE FREQ (%)	CUMULATIVE FREQ (%)
16 to 20	20	20	20	2.51%	2.51%
21 to 25	25	65	85	8.16%	10.66%
26 to 30	30	249	334	31.24%	41.91%
31 to 35	35	307	641	38.52%	80.43%
36 to 40	40	141	782	17.69%	98.12%
41 to 45	45	13	795	1.63%	99.75%
46 to 50	50	2	797	0.25%	100.00%
51 to 55	55	0	797	0.00%	100.00%
56 to 60	60	0	797	0.00%	100.00%
61 to 65	65	0	797	0.00%	100.00%
66 to 70	70	0	797	0.00%	100.00%

TOTAL VEHICLES =	797
MEAN SPEED =	33.33 mph
85TH PERCENTILE =	36.29 mph
PACE SPEED =	26 mph TO 35 mph
Vehicles in Pace =	556 70%



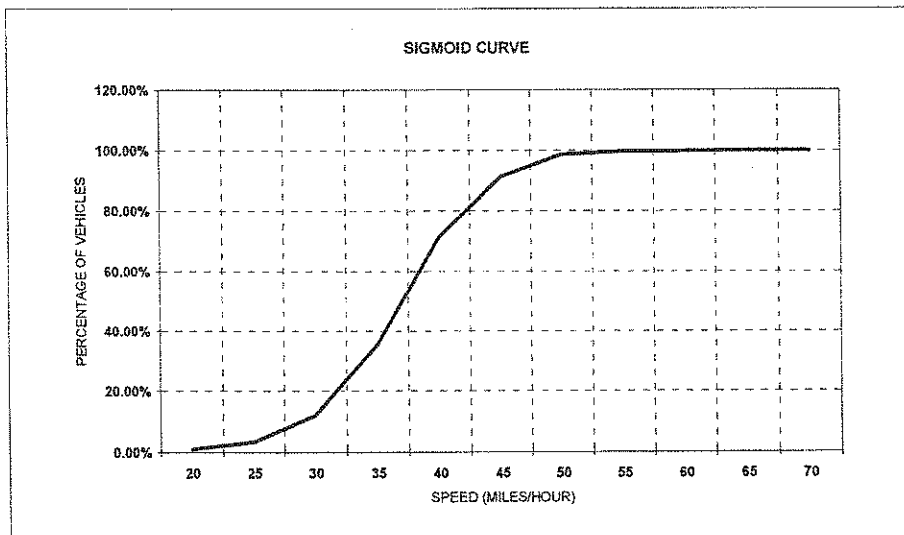
SPOT SPEED STUDY ANALYSIS (Counter)

SITE : Little Bear Road South of HWY 191
 DIRECTION: Northbound
 DATE: 10/29/08 to 11/2/08
 TIME: 96 Hours



SPEED RANGE	SPEED VALUE	SPEED FREQUENCY	CUMULATIVE FREQUENCY	RELATIVE FREQ (%)	CUMULATIVE FREQ (%)
16 to 20	20	7	7	0.92%	0.92%
21 to 25	25	19	26	2.49%	3.40%
26 to 30	30	65	91	8.51%	11.91%
31 to 35	35	180	271	23.56%	35.47%
36 to 40	40	275	546	35.99%	71.47%
41 to 45	45	151	697	19.76%	91.23%
46 to 50	50	57	754	7.46%	98.69%
51 to 55	55	7	761	0.92%	99.61%
56 to 60	60	1	762	0.13%	99.74%
61 to 65	65	2	764	0.26%	100.00%
66 to 70	70	0	764	0.00%	100.00%

TOTAL VEHICLES =	764				
MEAN SPEED =	39.38	mph			
85TH PERCENTILE =	43.42	mph			
PACE SPEED =	31	mph	TO	40	mph
Vehicles in Pace =	455		60%		



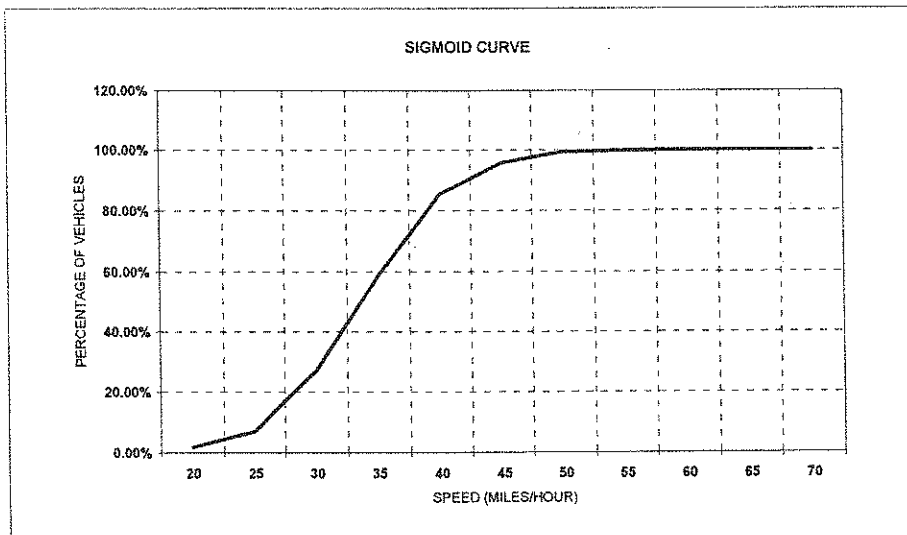
SPOT SPEED STUDY ANALYSIS (Counter)

SITE : Little Bear Road South of HWY 191
 DIRECTION: NB & SB
 DATE: 10/29/08 to 11/2/08
 TIME: 96 Hours



SPEED RANGE	SPEED VALUE	SPEED FREQUENCY	CUMULATIVE FREQUENCY	RELATIVE FREQ (%)	CUMULATIVE FREQ (%)
16 to 20	20	27	27	1.73%	1.73%
21 to 25	25	84	111	5.38%	7.11%
26 to 30	30	314	425	20.12%	27.23%
31 to 35	35	487	912	31.20%	58.42%
36 to 40	40	416	1328	26.65%	85.07%
41 to 45	45	164	1492	10.51%	95.58%
46 to 50	50	59	1551	3.78%	99.36%
51 to 55	55	7	1558	0.45%	99.81%
56 to 60	60	1	1559	0.06%	99.87%
61 to 65	65	2	1561	0.13%	100.00%
66 to 70	70	0	1561	0.00%	100.00%

TOTAL VEHICLES =	1561
MEAN SPEED =	36.29 mph
85TH PERCENTILE =	39.99 mph
PACE SPEED =	31 mph TO 40 mph
Vehicles in Pace =	903 58%



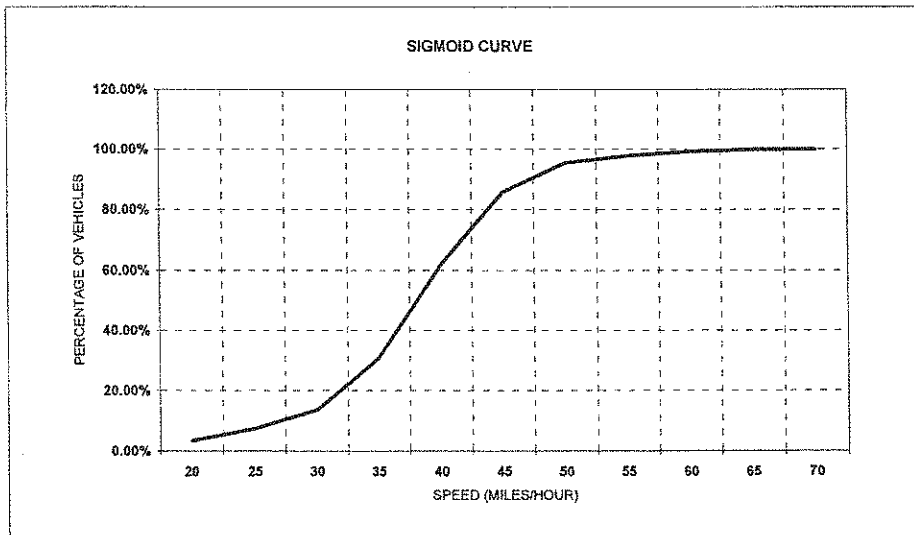
SPOT SPEED STUDY ANALYSIS (Counter)

SITE : Little Bear Road West of Gravel Pit
 DIRECTION: Eastbound
 DATE: 10/29/08 to 11/2/08
 TIME: 96 Hours



SPEED RANGE	SPEED VALUE	SPEED FREQUENCY	CUMULATIVE FREQUENCY	RELATIVE FREQ (%)	CUMULATIVE FREQ (%)
16 to 20	20	24	24	3.31%	3.31%
21 to 25	25	30	54	4.14%	7.46%
26 to 30	30	44	98	6.08%	13.54%
31 to 35	35	126	224	17.40%	30.94%
36 to 40	40	223	447	30.80%	61.74%
41 to 45	45	173	620	23.90%	85.64%
46 to 50	50	70	690	9.67%	95.30%
51 to 55	55	18	708	2.49%	97.79%
56 to 60	60	10	718	1.38%	99.17%
61 to 65	65	4	722	0.55%	99.72%
66 to 70	70	2	724	0.28%	100.00%

TOTAL VEHICLES =	724				
MEAN SPEED =	40.27	mph			
85TH PERCENTILE =	44.87	mph			
PACE SPEED =	36	mph		TO	45 mph
Vehicles in Pace =	396		55%		



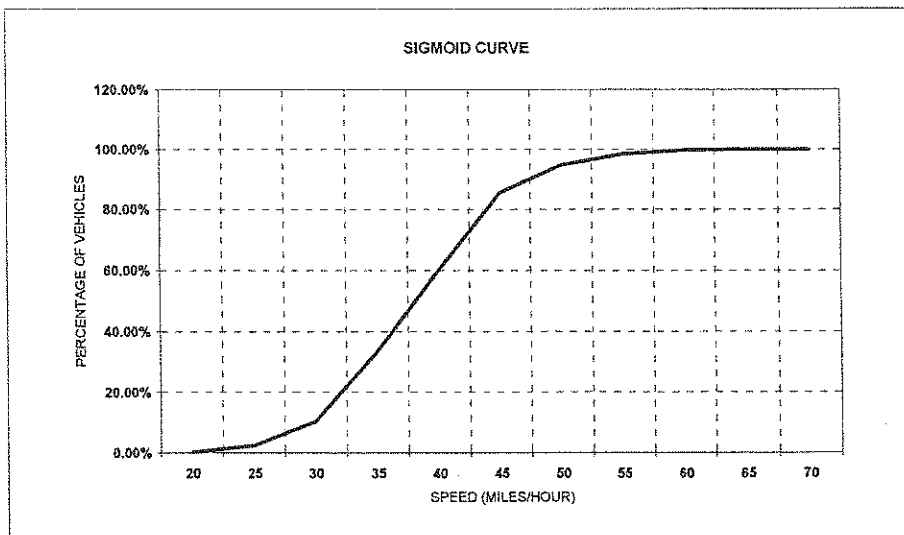
SPOT SPEED STUDY ANALYSIS (Counter)

SITE : Little Bear Road West of Gravel Pit
 DIRECTION: Westbound
 DATE: 10/29/08 to 11/2/08
 TIME: 96 Hours



SPEED RANGE	SPEED VALUE	SPEED FREQUENCY	CUMULATIVE FREQUENCY	RELATIVE FREQ (%)	CUMULATIVE FREQ (%)
16 to 20	20	1	1	0.15%	0.15%
21 to 25	25	15	16	2.21%	2.36%
26 to 30	30	54	70	7.96%	10.32%
31 to 35	35	157	227	23.16%	33.48%
36 to 40	40	181	408	26.70%	60.18%
41 to 45	45	172	580	25.37%	85.55%
46 to 50	50	62	642	9.14%	94.69%
51 to 55	55	26	668	3.83%	98.53%
56 to 60	60	8	676	1.18%	99.71%
61 to 65	65	2	678	0.29%	100.00%
66 to 70	70	0	678	0.00%	100.00%

TOTAL VEHICLES =	678				
MEAN SPEED =	40.75	mph			
85TH PERCENTILE =	44.89	mph			
PACE SPEED =	36	mph		TO	45 mph
Vehicles in Pace =	353		52%		



SPOT SPEED STUDY ANALYSIS (Counter)

SITE : Little Bear Road West of Gravel Pit
 DIRECTION: WB & EB
 DATE: 10/29/08 to 11/2/08
 TIME: 96 Hours



SPEED RANGE	SPEED VALUE	SPEED FREQUENCY	CUMULATIVE FREQUENCY	RELATIVE FREQ (%)	CUMULATIVE FREQ (%)
16 to 20	20	25	25	1.78%	1.78%
21 to 25	25	45	70	3.21%	4.99%
26 to 30	30	98	168	6.99%	11.98%
31 to 35	35	283	451	20.19%	32.17%
36 to 40	40	404	855	28.82%	60.98%
41 to 45	45	345	1200	24.61%	85.59%
46 to 50	50	132	1332	9.42%	95.01%
51 to 55	55	44	1376	3.14%	98.15%
56 to 60	60	18	1394	1.28%	99.43%
61 to 65	65	6	1400	0.43%	99.86%
66 to 70	70	2	1402	0.14%	100.00%
TOTAL VEHICLES =		1402			
MEAN SPEED =		40.50 mph			
85TH PERCENTILE =		44.88 mph			
PACE SPEED =		36 mph		TO 45 mph	
Vehicles in Pace =		749		53%	

