

APPENDIX B

Table of Existing Traffic Volumes

Table of Level of Service

APPENDIX B

CASSADAGA WIND PROJECT

EXISTING TRAFFIC VOLUMES

ROUTE/ROAD NAME	DIRECTION	FROM	TO	LENGTH (MI)	TOWN(S)	AADT VOLUME	AADT TOTAL	COUNT STATION
NY 60	SB	I-90 RAMP	US 20	0.6	POMFRET	13063	25703	520020 (2008)
	NB	US 20	I-90 RAMP			12640		
NY 60	SB	US 20	NY 83 LAONA	2.6	POMFRET	6065	12070	520019 (2007)
	NB	NY 83 LAONA	US 20			6005		
NY 60	SB	NY 83 LAONA	CR 58/MAPLE AVE	4.9	POMFRET/STOCKTON	4156	8308	520171 (2007)
	NB	CR 58/MAPLE AVE	NY 83 LAONA			4152		
NY 60	SB	CR 58/MAPLE AVE	SYLVESTER RD	6.9	STOCKTON/CHARLOTTE/GERRY	3232	6528	520170 (2007)
	NB	SYLVESTER RD	CR 58/MAPLE AVE			3296		
NY 60	SB	SYLVESTER RD	CR 50 & 65	4.8	GERRY	3782	7489	520169 (2007)
	NB	CR 50 & 65	SYLVESTER RD			3707		
NY 60	SB	CR 50 & 65	CR 380	1.6	GERRY	3774	7541	520168 (2009)
	NB	CR 380	CR 50 & 65			3767		
NY 60	SB	CR 380	GIRTS RD	1.6	ELLCOTT	3314	6614	520237 (2007)
	NB	GIRTS RD	CR 380			3300		
NY 60	SB	GIRTS RD	I-86 RAMP	2	ELLCOTT	4302	8512	520164 (2007)
	NB	I-86 RAMP	GIRTS RD			4210		
CR 72 BARD RD	EB	NY 60	SHUMLA RD	1	POMFRET/ARKWRIGHT	535	1073	528254 (2008)
	WB	SHUMLA RD	NY 60			538		
CR 72 BARD RD	EB	SHUMLA RD	HALL RD	2.1	ARKWRIGHT		700 (EST)	N/A
	WB	HALL RD	SHUMLA RD					
CR 72 BARD RD	EB	HALL RD	CR 79 CENTER RD	1.7	ARKWRIGHT	288	564	526092 (2008)
	WB	CR 79 CENTER RD	HALL RD			276		
CR 72 BARD RD	EB	CR 79 CENTER RD	CR 85 FARNGTN. RD	2.1	ARKWRIGHT		642	528256 (2013)
	WB	CR 85 FARNGTN. RD	CR 79 CENTER RD					
TARBOX RD	EB	CR 72 BARD RD	GRISWOLD RD	3.2	ARKWRIGHT		70 (EST.)	N/A
	WB	GRISWOLD RD	CR 72 BARD RD					
SHUMLA RD/BARNUM RD	SB	CR 72 BARD RD	HIGH ST	0.7	POMFRET/STOCKTON		80 (EST.)	N/A
	NB	HIGH ST	CR 72 BARD RD					
HIGH ST	EB	NY 60	BARNUM RD	0.7	STOCKTON		700 (EST.)	N/A
	WB	BARNUM RD	NY 60					
MOON RD	EB	CR 71	NY 60	1	STOCKTON		100 (EST.)	N/A
	WB	NY 60	CR 71					
CR 75 NELSON RD	EB	NY 60	BARNUM RD	1	STOCKTON/CHARLOTTE		864	526119 (2011)
	WB	BARNUM RD	NY 60					
CR 75 NELSON RD/WATER ST	SB	BARNUM RD	CR 66/77 PARK ST	4.5	CHARLOTTE		456-	528195
	NB	CR 66/77 PARK ST	BARNUM RD				480	(2012)
SMITH RD	EB	BARNUM RD	HALL RD	1.4	CHARLOTTE	62	103	522216 (2005)
	WB	HALL RD	BARNUM RD			41		
BARNUM RD	SB	HIGH ST	NELSON RD	1.5	CHARLOTTE		315	526116 (2011)
	NB	NELSON RD	HIGH ST					
CASSADAGA RD	EB	BARNUM RD	CR 77 ROOD RD	4.2	CHARLOTTE		416	526118 (2011)
	WB	CR 77 ROOD RD	BARNUM RD					
HALL RD	SB	CR 72 BARD RD	CHARLOTTE TOWN LINE	1.1	ARKWRIGHT		135 (EST.)	N/A
	NB	CHARLOTTE TOWN LINE	CR 72 BARD RD					
HALL RD	SB	ARKWRIGHT TOWN LINE	CR 77 CHARLOTTE CTR. RD	5.1	CHARLOTTE	66	135	522211 (2005)
	NB	CR 77 CHARLOTTE CTR. RD	ARKWRIGHT TOWN LINE			69		
BERNARD RD	EB	SMITH RD	HALL RD	1.3	CHARLOTTE		100 (EST.)	N/A
	WB	HALL RD	SMITH RD					
AMES RD	EB	NELSON RD	HALL RD	1.2	CHARLOTTE		100 (EST)	N/A
	WB	HALL RD	NELSON RD					
HOOKER RD	EB	NELSON RD	CR 77 CHARLOTTE CTR. RD	1.1	CHARLOTTE		255	526276 (2011)
	WB	CR 77 CHARLOTTE CTR. RD	NELSON RD					
CHARLOTTE HILL RD	EB	NY 60	CR 75 WATER ST	1.9	CHARLOTTE		124	526276 (2012)
	WB	CR 75 WATER ST	NY 60					
ANDREWS RD	SB	NELSON RD	WATER ST	1.3	CHARLOTTE		30 (EST.)	N/A
	NB	WATER ST	NELSON RD					
GRISWOLD RD	SB	CR 72 BARD RD	NORTH HILL RD	1.5	ARKWRIGHT		148	526090 (2011)
	NB	NORTH HILL RD	CR 72 BARD RD					
NORTH HILL RD	SB	GRISWOLD RD	CR 77 ROOD RD	2.9	CHARLOTTE		170 (EST.)	N/A
	NB	CR 77 ROOD RD	GRISWOLD RD					
CR 66 SINCLAIR DR	SB	MILL ST/MAIN ST	SYLVESTER RD	0.5	GERRY/CHARLOTTE	623	1253	526277 (2009)
	NB	SYLVESTER RD	MILL ST/MAIN ST			630		
CR 66 SINCLAIR DR	SB	SYLVESTER RD	NY 60 AT ACCESS ROAD	0.3	GERRY		1352	528036 (2014)
	NB	NY 60 AT ACCESS ROAD	SYLVESTER RD					
SYLVESTER RD	EB	NY 60	CR 66 SINCLAIR DR	0.3	GERRY		805	528347 (2012)
	WB	CR 66 SINCLAIR DR	NY 60					
CR 77 ROOD RD	SB	CR 72 BARD RD	RUTTENBUR RD	1	ARKWRIGHT		410	526093 (2011)
	NB	RUTTENBUR RD	CR 72 BARD RD					

APPENDIX B

CASSADAGA WIND PROJECT

EXISTING TRAFFIC VOLUMES (CONTINUED)

ROUTE/ROAD NAME	DIRECTION	FROM	TO	LENGTH (MI)	TOWN(S)	AADT VOLUME	AADT TOTAL	COUNT STATION
CR 77 ROOD RD	SB	RUTTENBUR RD	MILL CR RD	2.4	CHARLOTTE	190	363	528292 (2009)
	NB	MILL CR RD	RUTTENBUR RD			173		
CR 77 ROOD RD	SB	MILL CR RD	HOOKER RD	1.2	CHARLOTTE		533	526114 (2011)
	NB	HOOKER RD	MILL CR RD					
CR 66/67 MAIN ST	EB	SINCLAIR DR	CR 64 EAST AVE	0.1	CHARLOTTE		2376	528193 (2012)
	WB	CR 64 EAST AVE	SINCLAIR DR					
CR 77 JAMESTOWN ST	SB	MAIN ST	NY 60	0.9	GERRY/CHARLOTTE		1178	528192 (2012)
	NB	NY 60	MAIN ST					
CR 77 PARK ST/CHARLOTTE CTR. RD	SB	HOOKER RD	CR 66 THORNTON RD	2.8	CHARLOTTE		921-740	526113 (2011)
	NB	CR 66 THORNTON RD	HOOKER RD					
CR 77 PARK ST	SB	CR 66 THORNTON RD	MAIN ST	0.3	CHARLOTTE		1663	528194 (2012)
	NB	MAIN ST	CR 66 THORNTON RD					
CR 66 KENT ST	EB	CR 77 PARK ST	JOHNSON RD	0.7	CHARLOTTE		561	528108 (2011)
	WB	JOHNSON RD	CR 77 PARK ST					
CR 66 KENT ST/THORNTON RD	EB	JOHNSON RD	CR 85 ERWIN RD	5.2	CHARLOTTE/CHERRY CREEK		413-328	528109 (2011)
	WB	CR 85 ERWIN RD	JOHNSON RD					
CR 66 THORNTON RD	EB	CR 85 ERWIN RD	CR 64 BATES RD	0.9	CHERRY CREEK/ELLINGTON		536	526165 (2011)
	WB	CR 64 BATES RD	CR 85 ERWIN RD					
CR 64 EAST AVE/EDSON RD	EB	CR 66/77 PARK ST	ENGDAHL RD	3.1	CHARLOTTE		397-361	528135 (2012)
	WB	ENGDAHL RD	CR 66/77 PARK ST					
CR 64 EDSON RD/BATES RD	EB	ENGDAHL RD	CR 66 THORNTON RD	2.9	GERRY/ELLINGTON		278-258	526178 (2011)
	WB	CR 66 THORNTON RD	ENGDAHL RD					
COOK RD	EB	CR 77 ROOD RD	LEWIS RD	0.7	CHARLOTTE		80 (EST.)	N/A
	WB	LEWIS RD	CR 77 ROOD RD					
RUTTENBUR RD	EB	CR 77 ROOD RD	CR 85 FARNGTN. RD	1.6	ARKWRIGHT		60 (EST.)	N/A
	WB	CR 85 FARNGTN. RD	CR 77 ROOD RD					
LEWIS RD	SB	RUTTENBUR RD	MILL CR RD	2.2	CHARLOTTE		70 (EST.)	N/A
	NB	MILL CR RD	RUTTENBUR RD					
MILL CR RD	EB	CR 77 ROOD RD	EAST RD	2.3	CHARLOTTE		65	526120 (2011)
	WB	EAST RD	CR 77 ROOD RD					
EAST RD	EB	CR 77 CHARLOTTE CTR. RD	BOUTWELL HILL RD	3.2	CHARLOTTE		150 (EST.)	N/A
	WB	BOUTWELL HILL RD	CR 77 CHARLOTTE CTR. RD					
SWANSON RD	SB	BOUTWELL HILL RD	CR 66 THORNTON RD	1.2	CHARLOTTE		30 (EST.)	N/A
	NB	CR 66 THORNTON RD	BOUTWELL HILL RD					
CLELAND RD	SB	EAST RD	CR 66 THORNTON RD	1.1	CHARLOTTE		35 (EST.)	N/A
	NB	CR 66 THORNTON RD	EAST RD					
C JOHNSON RD	EB	BOUTWELL HILL RD	EAST AVE	2.2	CHARLOTTE		35 (EST.)	N/A
	WB	EAST AVE	BOUTWELL HILL RD					
HARPER RD	SB	CR 77 CHARLOTTE CTR. RD	BOUTWELL HILL RD	1.3	CHARLOTTE		45 (EST.)	N/A
	NB	BOUTWELL HILL RD	CR 77 CHARLOTTE CTR. RD					
GILBERT RD	SB	CR 66 THORNTON RD	JOHNSON RD	0.7	CHARLOTTE		35 (EST.)	N/A
	NB	JOHNSON RD	CR 66 THORNTON RD					
BOUTWELL HILL RD	EB	CR 66 THORNTON RD	CR 85 ERWIN RD	5.8	CHARLOTTE/CHERRY CREEK		90-175 (EST.)	N/A
	WB	CR 85 ERWIN RD	CR 66 THORNTON RD					
HOUSINGTON RD	EB	LEWIS RD	EAST RD	2.2	CHARLOTTE/CHERRY CREEK		35 (EST.)	N/A
	WB	EAST RD	LEWIS RD					
SANFORD RD	EB	BOUTWELL HILL RD	CR 85 ERWIN RD	2.5	CHERRY CREEK		50 (EST.)	N/A
	WB	CR 85 ERWIN RD	BOUTWELL HILL RD					
CR 85 FARRINGTON HOLLOW RD	SB	CR 72 BARD RD	CHERRY CREEK TOWN LINE	1.1	ARKWRIGHT		512	528241 (2011)
	NB	CHERRY CREEK TOWN LINE	CR 72 BARD RD					
CR 85 FARRINGTON HOLLOW RD	SB	VILLENOVA TOWN LINE	PLANK RD	3.5	CHERRY CREEK	215	429	522226 (2005)
	NB	PLANK RD	VILLENOVA TOWN LINE			214		
CR 85 FARNGTN. HOLLOW RD/ERWIN RD	SB	PLANK RD	CR 66 THORNTON RD	4.3	CHERRY CREEK		486-306	528021 (2011)
	NB	CR 66 THORNTON RD	PLANK RD					
PLANK RD	SB	DYBKAS RD/TOWN LINE	CR 85 FARNGTN. RD	2.2	CHERRY CREEK		100 (EST.)	N/A
	NB	CR 85 FARNGTN. RD	DYBKAS RD/TOWN LINE					
WEAVER RD	EB	PLANK RD	NY 83	2.3	CHERRY CREEK		45 (EST.)	N/A
	WB	NY 83	PLANK RD					
ROBERTS RD	EB	NY 60	CR 75 NELSON RD	0.5	CHARLOTTE		50 (EST.)	N/A
	WB	CR 75 NELSON RD	NY 60					
SOUTH HILL RD	SB	CR 72 CASSADAGA RD	DYBKAS RD/TOWN LINE	1.5	VILLENOVA		150 (EST.)	N/A
	NB	DYBKAS RD/TOWN LINE	CR 72 CASSADAGA RD					
CR 72 CASSADAGA RD	EB	CR 85 FARNGTN. RD	SOUTH HILL RD	2.8	VILLENOVA		642-600	528256 (2013)
	WB	SOUTH HILL RD	CR 85 FARNGTN. RD					

CASSADAGA WIND PROJECT

TRAFFIC LEVEL OF SERVICE (LOS) TABLE

ROUTE/ROAD NAME	DIRECTION	FROM	TO	LENGTH (MI)	TOWN(S)	EXISTING & FUTURE LOS
NY 60	SB	I-90 RAMP	US 20	0.6	POMFRET	C
	NB	US 20	I-90 RAMP			
NY 60	SB	US 20	NY 83 LAONA	2.6	POMFRET	A
	NB	NY 83 LAONA	US 20			
NY 60	SB	NY 83 LAONA	CR 58/MAPLE AVE	4.9	POMFRET/STOCKTON	A
	NB	CR 58/MAPLE AVE	NY 83 LAONA			
NY 60	SB	CR 58/MAPLE AVE	SYLVESTER RD	6.9	STOCKTON/CHARLOTTE/GEORRY	A
	NB	SYLVESTER RD	CR 58/MAPLE AVE			
CR 72 BARD RD	EB	NY 60	SHUMLA RD	1	POMFRET/ARKWRIGHT	A
	WB	SHUMLA RD	NY 60			
CR 72 BARD RD	EB	SHUMLA RD	HALL RD	2.1	ARKWRIGHT	A
	WB	HALL RD	SHUMLA RD			
CR 72 BARD RD	EB	HALL RD	CR 79 CENTER RD	1.7	ARKWRIGHT	A
	WB	CR 79 CENTER RD	HALL RD			
CR 72 BARD RD	EB	CR 79 CENTER RD	CR 85 FARNGTN. RD	2.1	ARKWRIGHT	A
	WB	CR 85 FARNGTN. RD	CR 79 CENTER RD			
CR 75 NELSON RD	EB	NY 60	BARNUM RD	1	STOCKTON/CHARLOTTE	A
	WB	BARNUM RD	NY 60			
CR 75 NELSON RD/WATER ST	SB	BARNUM RD	CR 66/77 PARK ST	4.5	CHARLOTTE	A
	NB	CR 66/77 PARK ST	BARNUM RD			
CASSADAGA RD	EB	BARNUM RD	CR 77 ROOD RD	4.2	CHARLOTTE	A
	WB	CR 77 ROOD RD	BARNUM RD			
HALL RD	SB	CR 72 BARD RD	CHARLOTTE TOWN LINE	1.1	ARKWRIGHT	A
	NB	CHARLOTTE TOWN LINE	CR 72 BARD RD			
HALL RD	SB	ARKWRIGHT TOWN LINE	CR 77 CHARLOTTE CTR. RD	5.1	CHARLOTTE	A
	NB	CR 77 CHARLOTTE CTR. RD	ARKWRIGHT TOWN LINE			
ANDREWS RD	SB	NELSON RD	WATER ST	1.3	CHARLOTTE	A
	NB	WATER ST	NELSON RD			
NORTH HILL RD	SB	GRISWOLD RD	CR 77 ROOD RD	2.9	CHARLOTTE	A
	NB	CR 77 ROOD RD	GRISWOLD RD			
CR 77 ROOD RD	SB	CR 72 BARD RD	RUTTENBUR RD	1	ARKWRIGHT	A
	NB	RUTTENBUR RD	CR 72 BARD RD			
CR 77 ROOD RD	SB	RUTTENBUR RD	MILL CR RD	2.4	CHARLOTTE	A
	NB	MILL CR RD	RUTTENBUR RD			
CR 66 KENT ST/THORNTON RD	EB	JOHNSON RD	CR 85 ERWIN RD	5.2	CHARLOTTE/CHERRY CREEK	A
	WB	CR 85 ERWIN RD	JOHNSON RD			
COOK RD	EB	CR 77 ROOD RD	LEWIS RD	0.7	CHARLOTTE	A
	WB	LEWIS RD	CR 77 ROOD RD			
LEWIS RD	SB	RUTTENBUR RD	MILL CR RD	2.2	CHARLOTTE	A
	NB	MILL CR RD	RUTTENBUR RD			
MILL CR RD	EB	CR 77 ROOD RD	EAST RD	2.3	CHARLOTTE	A
	WB	EAST RD	CR 77 ROOD RD			
EAST RD	EB	CR 77 CHARLOTTE CTR. RD	BOUTWELL HILL RD	3.2	CHARLOTTE	A
	WB	BOUTWELL HILL RD	CR 77 CHARLOTTE CTR. RD			
CLELAND RD	SB	EAST RD	CR 66 THORNTON RD	1.1	CHARLOTTE	A
	NB	CR 66 THORNTON RD	EAST RD			
BOUTWELL HILL RD	EB	CR 66 THORNTON RD	CR 85 ERWIN RD	5.8	CHARLOTTE/CHERRY CREEK	A
	WB	CR 85 ERWIN RD	CR 66 THORNTON RD			
CR 85 FARNGTN. HOLLOW RD/ERWIN	SB	PLANK RD	CR 66 THORNTON RD	4.3	CHERRY CREEK	A
	NB	CR 66 THORNTON RD	PLANK RD			
PLANK RD	SB	DYBKAS RD/TOWN LINE	CR 85 FARNGTN. RD	2.2	CHERRY CREEK	A
	NB	CR 85 FARNGTN. RD	DYBKAS RD/TOWN LINE			
WEAVER RD	EB	PLANK RD	NY 83	2.3	CHERRY CREEK	A
	WB	NY 83	PLANK RD			



APPENDIX B

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667 www.cscos.com

CASSADAGA WIND PROJECT

TRAFFIC LEVEL OF SERVICE (LOS) TABLE (CONTINUED)

ROUTE/ROAD NAME	DIRECTION	FROM	TO	LENGTH (MI)	TOWN(S)	EXISTING & FUTURE LOS
ROBERTS RD	EB	NY 60	CR 75 NELSON RD	0.5	CHARLOTTE	A
	WB	CR 75 NELSON RD	NY 60			
SOUTH HILL RD	SB	CR 72 CASSADAGA RD	DYBKAS RD/TOWN LINE	1.5	VILLENOVA	A
	NB	DYBKAS RD/TOWN LINE	CR 72 CASSADAGA RD			
CR 72 CASSADAGA RD	EB	CR 85 FARNGTN. RD	SOUTH HILL RD	2.8	VILLENOVA	A
	WB	SOUTH HILL RD	CR 85 FARNGTN. RD			

APPENDIX C

Table of Existing Accident Data



APPENDIX C

C&S Engineers, Inc.
 499 Col. Eileen Collins Blvd.
 Syracuse, New York 13212
 Phone: 315-455-2000
 Fax: 315-455-9667 www.cscos.com

CASSADAGA WIND PROJECT

EXISTING ACCIDENT DATA TABLE

ROUTE/ROAD NAME	FROM	TO	LENGTH (MI)	TOWN(S)	TOTAL ACCIDENTS (8/2012-7/2014)	NON-INTERSECTION ACCIDENTS	INTERSECTION ACCIDENTS	SAFETY DEFICIENT LOCATIONS (SDL)	PRIORITY INTERSECTION LOCATIONS (PIL)	ACCIDENT RATE (ACC/MVM)	NY STATEWIDE AVG. RATE
NY 60	I-90 RAMP	I-86 RAMP	25	POMFRET/STOCKTON/CHARLOTTE/GERRY/ELLICOTT	152	131	21	8	1	0.8	2.81
CR 72 BARD RD	NY 60	SOUTH HILL RD	9.8	POMFRET/ARKWRIGHT/VILLENova	23	17	6	UNKNOWN	UNKNOWN	4.83	2.81
CR 75 NELSON RD	NY 60	CR 66/77 PARK ST	5.5	STOCKTON/CHARLOTTE	5	4	1	UNKNOWN	UNKNOWN	2.07	2.81
CR 66 THORNTON RD	CR 77 PARK ST	CR 64 BATES RD	6.7	CHARLOTTE/CHERRY CREEK/ELLINGTON	7	7	0	UNKNOWN	UNKNOWN	3.26	2.81
CR 77 ROOD RD	CR 72 BARD RD	CR 64 EAST AVE/EDSON RD	7.9	ARKWRIGHT/CHARLOTTE	12	11	1	UNKNOWN	UNKNOWN	2.69	2.81
CR 64 EAST AVE/EDSON RD/BATES RD	CR 66/77 PARK ST	CR 66 THORNTON RD	5.9	GERRY/ELLINGTON	2	2	0	UNKNOWN	UNKNOWN	1.41	2.81
CR 85 FARNGTN. HOLLOW RD/ERWIN RD	CR 72 BARD RD	CR 66 THORNTON RD	10	ARKWRIGHT/CHERRY CREEK	13	11	2	UNKNOWN	UNKNOWN	4.11	2.81

NOTE: NO ACCIDENT DATA AVAILABLE AT THIS TIME FOR LOCAL TOWN ROADS

APPENDIX D

Table of Existing School Bus Routes

