Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	11	6.88	49	2	1	2	0.075	5	0	0.046	0.024
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																			
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	11	6.88	49	2	1	2	0.078	5	0	0.048	0.025
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	40	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	11	6.88	49	1	2	2	0.018	5	0	0.013	0.009
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	11	6.88	49	5	1	4	0.098	5	0	0.056	0.028
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	11	6.88	49	2	1	2	0.053	5	1	0.103	0.051
Segment 6 Brookings to Tracy MP 226.6 to 290.0																			
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	11	6.88	49	1	1	2	0.092	5	0	0.054	0.039
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	11	6.88	49	2	1	2	0.071	5	2	0.195	0.140
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	11	6.88	49	2	1	2	0.062	5	0	0.040	0.029
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	11	6.88	49	1	1	2	0.073	5	0	0.045	0.024
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	11	6.88	49	1	1	2	0.054	5	0	0.036	0.026
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	11	6.88	49	1	2	2	0.023	5	0	0.017	0.012
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	11	6.88	49	1	2	2	0.008	5	0	0.007	0.005
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	11	6.88	49	2	1	2	0.080	5	1	0.127	0.067
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	11	6.88	49	1	1	2	0.056	5	0	0.037	0.019
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	11	6.88	49	1	2	2	0.018	5	0	0.013	0.010
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	11	6.88	49	1	2	2	0.019	5	0	0.014	0.010
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	11	6.88	49	1	1	2	0.048	5	0	0.032	0.017
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	11	6.88	49	1	1	2	0.037	5	0	0.026	0.018
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	11	6.88	49	1	1	2	0.036	5	0	0.025	0.018
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	11	6.88	49	2	2	2	0.013	5	0	0.010	0.007
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	11	6.88	49	2	2	2	0.013	5	0	0.010	0.007
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	11	6.88	49	1	2	2	0.042	5	0	0.029	0.020
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	1	0.124	0.089
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	11	6.88	49	2	1	2	0.059	5	0	0.038	0.019
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	11	6.88	49	2	1	2	0.042	5	0	0.029	0.014
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	11	6.88	49	1	2	2	0.021	5	0	0.015	0.011
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	11	6.88	49	1	2	2	0.025	5	0	0.018	0.013
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	11	6.88	40	1	1	2	0.037	5	0	0.026	0.013
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	11	6.88	49	1	1	2	0.081	5	1	0.128	0.091
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	11	6.88	49	1	1	2	0.046	5	0	0.031	0.017
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	11	6.88	49	1	2	2	0.020	5	0	0.015	0.010
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	11	6.88	49	1	1	2	0.054	5	0	0.035	0.025
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	11	6.88	49	1	2	2	0.015	5	0	0.011	0.008
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	11	6.88	49	1	1	2	0.042	5	0	0.028	0.020
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	11	6.88	49	1	2	2	0.053	5	0	0.035	0.025
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	11	6.88	49	2	1	2	0.048	5	0	0.032	0.023
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	11	6.88	49	2	2	2	0.019	5	0	0.014	0.010

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
Winona County																	
193317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	1	0	0.020	0.022	B	0.002	468	NO	NO
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	1	0	0.012	0.013	B	0.001	723	NO	NO
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	2	0	0.028	0.029	B	0.00103	971	NO	NO
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1075	2	0	0.025	0.026	B	0.00096	1,043	NO	NO
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	100	2	0	0.009	0.009	B	0.00011	8,936	NO	NO
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	2	0	0.025	0.026	B	0.00097	1,031	NO	NO
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	2	0	0.016	0.014	B	-0.00135	-743	NO	NO
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	1	0	0.010	0.011	B	0.0009	1,054	NO	NO
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.0009	1,054	NO	NO
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	2	0	0.026	0.028	B	0.0013	755	NO	NO
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	2	2	0.100	0.098	B	-0.0020	-492	NO	NO
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	1	0	0.009	0.010	B	0.0005	1,893	NO	NO
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.0006	1,697	NO	NO
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	2	0	0.015	0.016	B	0.0008	1,185	NO	NO
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	100	2	0	0.010	0.011	B	0.0006	1,697	NO	NO
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	2	0	0.021	0.022	B	0.0014	700	NO	NO
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	2	0	0.032	0.033	B	0.00152	657	NO	NO
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	4	0	0.026	0.025	B	-0.00076	-1,313	NO	NO
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	2	0	0.039	0.041	B	0.00174	576	NO	NO
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	2	0	0.034	0.036	B	0.00159	628	NO	NO
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	2	0	0.031	0.033	B	0.00246	406	NO	NO
							Total			**2**	**0.516**	**0.534**		**0.01878**	**53**	**Number of crossings**	
							Minimum				**0.009**	**0.009**		**0.00011**	**8,936**	**in the County :**	**22**
							Maximum				**0.100**	**0.098**		**0.00246**	**406**		
Olmsted County																	
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	2	0	0.008	0.008	B	0.00046	2,187	NO	NO
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	2	0	0.008	0.008	B	0.00046	2,187	NO	NO
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	1	0	0.007	0.008	B	0.00074	1,360	NO	NO
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	1	0.065	0.064	B	-0.00151	-660	NO	NO
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	2	0	0.016	0.017	B	0.00087	1,149	NO	NO
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	2	0	0.010	0.010	B	0.00057	1,749	NO	NO
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	4	0	0.025	0.024	B	-0.00076	-1,323	NO	NO
							Total			**1**	**0.139**	**0.140**		**0.00082**	**1,218**	**Number of crossings**	
							Minimum				**0.007**	**0.008**		**0.00046**	**2,187**	**in the County :**	**7**
							Maximum				**0.065**	**0.064**		**0.00087**	**1,149**		
Dodge County																	
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	2	1	0.096	0.099	B	0.00305	328	NO	NO
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	2	0	0.017	0.016	B	-0.00055	-1,809	NO	NO
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	2	0	0.036	0.038	B	0.00166	601	NO	NO
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	2	0	0.031	0.033	B	0.00150	664	NO	NO
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	2	0	0.040	0.042	B	0.00176	567	NO	NO
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	2	0	0.041	0.040	B	-0.00113	-884	NO	NO
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	2	0	0.011	0.011	B	0.00061	1,651	NO	NO
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	2	0	0.035	0.037	B	0.00163	614	NO	NO
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	2	0	0.010	0.010	B	0.00055	1,808	NO	NO
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	2	0	0.023	0.025	B	0.00121	830	NO	NO
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	2	0.103	0.110	B	0.00754	133	NO	NO
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.029	0.033	B	0.00428	233	NO	NO
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.029	0.033	B	0.00428	233	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	2	1	0.081	0.089	B	0.00771	130	NO	NO
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.032	0.033	B	0.00152	657	NO	NO
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.032	0.033	B	0.00152	657	NO	NO
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	2	1	0.079	0.078	B	-0.00182	-551	NO	NO
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	2	0	0.034	0.036	B	0.00161	623	NO	NO
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	2	0	0.006	0.006	B	0.00034	2,970	NO	NO
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	2	0	0.030	0.031	B	0.00146	685	NO	NO
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	2	0	0.010	0.010	B	0.00057	1,760	NO	NO
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	2	0	0.036	0.037	B	0.00164	608	NO	NO
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	1	0	0.019	0.020	B	0.00104	962	NO	NO
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	2	1	0.092	0.095	B	0.00294	340	NO	NO
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
							Total			6	1.002	1.050		0.04787	21	Number of crossings	
							Minimum				0.006	0.006		0.00034	2,970	In the County :	29
							Maximum				0.103	0.110		0.00771	130		
Steele County																	
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	250	2	0	0.025	0.027	B	0.00128	779	NO	NO
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.001	1,697	NO	NO
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	2	0	0.012	0.012	B	0.00066	1,510	NO	NO
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	4	1	0.102	0.100	B	-0.00210	-476	NO	NO
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	2	0	0.031	0.033	B	0.00151	663	NO	NO
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	2	0	0.010	0.011	B	0.00059	1,697	NO	NO
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	2	0	0.024	0.026	B	0.00125	802	NO	NO
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	2	0	0.026	0.025	B	-0.00087	-1,152	NO	NO
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	2	0	0.026	0.025	B	-0.00100	-1,001	NO	NO
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	1	0	0.016	0.015	B	-0.00065	-1,536	NO	NO
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	2	0	0.018	0.017	B	-0.00058	-1,725	NO	NO
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	2	0	0.015	0.015	B	-0.00052	-1,929	NO	NO
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	4	0	0.055	0.052	B	-0.00332	-301	NO	NO
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	4	0	0.061	0.058	B	-0.00327	-305	NO	NO
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	2	0	0.039	0.036	B	-0.00305	-327	NO	NO
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2000	2	0	0.012	0.010	B	-0.00125	-803	NO	NO
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	2	1	0.079	0.074	B	-0.00495	-202	NO	NO
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	2000	2	1	0.050	0.050	B	-0.00046	-2,198	NO	NO
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	145	4	0	0.031	0.031	B	-0.00057	-1,766	NO	NO
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	2	0	0.023	0.022	B	-0.00044	-2,262	NO	NO
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	2	1	0.096	0.095	B	-0.00116	-865	NO	NO
							Total			4	0.773	0.755		-0.01771	-56	Number of crossings	
							Minimum				0.010	0.010		0.00059	1,697	In the County :	22
							Maximum				0.102	0.100		0.00151	663		
Waseca County																	
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	2	2	0.086	0.085	B	-0.00061	-1,640	NO	NO
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	1	0	0.006	0.006	B	-0.00013	-7,487	NO	NO
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	2	0	0.037	0.036	B	-0.00063	-1,587	NO	NO
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2800	2	0	0.030	0.027	B	-0.00260	-384	NO	NO
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	2	1	0.079	0.078	B	-0.00094	-1,064	NO	NO
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	2	0	0.056	0.055	B	-0.00079	-1,264	NO	NO
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	8900	2	0	0.043	0.040	B	-0.00316	-316	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	0	0.021	0.022	B	0.00085	1,172	NO	NO
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	2	0	0.020	0.020	B	0.00071	1,408	NO	NO
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	2	0	0.018	0.022	B	0.00390	256	NO	NO
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	2	1	0.072	0.081	B	0.00947	106	NO	NO
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	2	0	0.033	0.041	B	0.00755	132	NO	NO
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	2	0	0.008	0.011	B	0.00245	409	NO	NO
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	2	0	0.014	0.016	B	0.00217	460	NO	NO
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	2	0	0.005	0.006	B	0.00085	1,180	NO	NO
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	2	0	0.011	0.008	B	-0.00384	-261	NO	NO
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	2	0	0.012	0.014	B	0.00185	541	NO	NO
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	2	0	0.011	0.013	B	0.002	557	NO	NO
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	2	0	0.036	0.044	B	0.00795	126	NO	NO
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	2	0	0.018	0.019	B	0.00067	1,499	NO	NO
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	2	0	0.027	0.033	B	0.00651	154	NO	NO
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	2	0	0.016	0.020	B	0.00437	229	NO	NO
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	2	1	0.077	0.083	B	0.00655	153	NO	NO
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	460	2	1	0.088	0.096	B	0.00760	132	NO	NO
							Total			6	0.8343	0.8884		0.05402	19	Number of crossings	
							Minimum				0.0051	0.0060		0.00067	1,499	In the County :	25
							Maximum				0.088	0.096		0.00947	106		
Blue Earth County																	
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	90	2	0	0.015	0.018	B	0.00231	433	NO	NO
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	10	2	0	0.011	0.013	B	0.00179	557	NO	NO
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	75	2	0	0.011	0.013	B	0.00171	586	NO	NO
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	2	0	0.010	0.012	B	0.00163	614	NO	NO
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	2	0	0.014	0.017	B	0.00219	456	NO	NO
193509R	14720	MN	BLUE EARTH	Twp. 461	MANKATO	PASSIVE	PASSIVE	100	1	0	0.010	0.013	B	0.003	339	NO	NO
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	2	0	0.009	0.011	B	0.00146	684	NO	NO
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	2	0	0.038	0.043	B	0.00464	216	NO	NO
193482J	14990	MN	BLUE EARTH	PARK ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	2	0	0.017	0.019	B	0.00248	404	NO	NO
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	1	0	0.009	0.011	B	0.00149	672	NO	NO
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	150	2	0	0.023	0.026	B	0.00321	312	NO	NO
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	2	0	0.018	0.021	B	0.00268	373	NO	NO
193487T	15810	MN	BLUE EARTH	CSAH 45	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	2	0	0.019	0.020	B	0.00078	1,276	NO	NO
							Total			0	0.205	0.235		0.02932	34	Number of crossings	
							Minimum				0.009	0.011		0.00078	1,276	In the County :	13
							Maximum				0.038	0.043		0.00464	216		
Brown County																	
193571H	16060	MN	BROWN	TWP 97	NEW ULM	PASSIVE	PASSIVE	100	2	0	0.010	0.013	B	0.003	339	NO	NO
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	2	0	0.011	0.014	B	0.00308	324	NO	NO
192523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	2	1	0.054	0.061	B	0.007	143	NO	NO
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	4500	4	0	0.044	0.045	B	0.00128	783	NO	NO
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	2	0	0.019	0.024	B	0.005	200	NO	NO
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	2	0	0.011	0.012	B	0.00045	2,215	NO	NO
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	550	2	0	0.031	0.039	B	0.00725	138	NO	NO
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	600	2	1	0.091	0.093	B	0.00220	454	NO	NO
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	2	0	0.023	0.024	B	0.00091	1,096	NO	NO
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1100	2	2	0.154	0.175	A	0.02097	48	YES	YES
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	2	1	0.085	0.098	B	0.01298	77	NO	NO
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	2	1	0.066	0.068	B	0.00173	580	NO	NO
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	2	0	0.021	0.021	B	0.00084	1,195	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3000	2	0	0.031	0.032	B	0.00109	914	NO	NO
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	2	1	0.066	0.072	B	0.00543	184	NO	NO
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	75	2	0	0.010	0.011	B	0.00153	653	NO	NO
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	2	0	0.008	0.010	B	0.00134	744	NO	NO
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	2	0	0.011	0.012	B	0.00168	597	NO	NO
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	790	2	0	0.029	0.033	B	0.00385	260	NO	NO
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	2	0	0.036	0.041	B	0.00447	224	NO	NO
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	140	2	0	0.023	0.026	B	0.00321	312	NO	NO
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	2	1	0.050	0.054	B	0.00338	296	NO	NO
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3400	2	0	0.043	0.045	B	0.00127	784	NO	NO
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	2	0	0.024	0.025	B	0.00093	1,072	NO	NO
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	1200	2	0	0.034	0.042	B	0.00769	130	NO	NO
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	850	2	1	0.083	0.096	B	0.01277	78	NO	NO
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	2	0	0.008	0.011	B	0.00245	409	NO	NO
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	2	0	0.008	0.010	B	0.00134	744	NO	NO
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	300	2	2	0.144	0.156	A	0.01110	90	YES	YES
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	2	0	0.021	0.024	B	0.00304	329	NO	NO
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	2	0	0.018	0.020	B	0.00264	378	NO	NO
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	2	0	0.009	0.010	B	0.00143	701	NO	NO
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	370	2	0	0.016	0.017	B	0.00069	1,440	NO	NO
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	2	1	0.102	0.111	B	0.00868	115	NO	NO
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	2	0	0.014	0.017	B	0.00221	453	NO	NO
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.033	B	0.00651	154	NO	NO
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.033	B	0.00651	154	NO	NO
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	2	0	0.028	0.029	B	0.00104	961	NO	NO
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	770	2	1	0.092	0.107	B	0.01409	71	NO	NO
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.033	B	0.00651	154	NO	NO
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	410	2	0	0.018	0.018	B	0.00074	1,354	NO	NO
193710U	019760	MN	BROWN	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	2	0	0.022	0.026	B	0.00393	255	NO	NO
							Total			13	1.707	1.904		0.19712	5	Number of crossings	
							Minimum				0.008	0.010		0.00045	2,215	in the County :	48
							Maximum				0.154	0.175		0.02097	48		
Redwood County																	
193711B	020050	MN	REDWOOD	TWP 2	SANBORN	PASSIVE	PASSIVE	56	2	0	0.008	0.011	B	0.00246	407	NO	NO
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	2	0	0.012	0.015	B	0.00331	302	NO	NO
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	0	0.035	0.036	B	0.00116	859	NO	NO
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	2	0	0.016	0.020	B	0.00437	229	NO	NO
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	2	0	0.011	0.012	B	0.00126	797	NO	NO
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	2	0	0.021	0.021	B	0.00084	1,196	NO	NO
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	0	0.026	0.027	B	0.00099	1,007	NO	NO
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	2	0	0.011	0.013	B	0.00179	559	NO	NO
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	2	0	0.019	0.020	B	0.00080	1,249	NO	NO
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	2	0	0.028	0.032	B	0.00376	266	NO	NO
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00149	672	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	2	0	0.021	0.024	B	0.00301	332	NO	NO
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	2	0	0.009	0.010	B	0.00139	721	NO	NO
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	2	0	0.032	0.037	B	0.00417	240	NO	NO
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	2	1	0.045	0.047	B	0.00258	387	NO	NO
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	2	0	0.023	0.024	B	0.00092	1,090	NO	NO
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	2	0	0.022	0.025	B	0.00304	329	NO	NO
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	55	2	0	0.007	0.010	B	0.00224	446	NO	NO
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	2	0	0.007	0.010	B	0.00224	446	NO	NO
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	2	0	0.008	0.011	B	0.00249	402	NO	NO
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	2	0	0.007	0.011	B	0.00335	299	NO	NO
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	2	0	0.006	0.009	B	0.00294	340	NO	NO
							Total			**1**	**0.404**	**0.458**		**0.05358**	**19**	**Number of crossings**	
							Minimum				**0.006**	**0.009**		**0.00080**	**1,249**	**In the County :**	**24**
							Maximum				**0.045**	**0.047**		**0.00437**	**229**		
Lyon County																	
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	4	0	0.025	0.028	B	0.00286	350	NO	NO
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	2	1	0.047	0.051	B	0.00361	277	NO	NO
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	2	0	0.033	0.039	B	0.00533	188	NO	NO
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	2	2	0.128	0.140	A	0.01200	83	YES	YES
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	2	0	0.024	0.029	B	0.00426	235	NO	NO
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	2	0	0.023	0.024	B	0.00091	1,105	NO	NO
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	2	0	0.022	0.026	B	0.00390	257	NO	NO
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	2	0	0.010	0.012	B	0.00199	503	NO	NO
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	2	0	0.004	0.005	B	0.00081	1,228	NO	NO
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	1	0.065	0.067	B	0.00171	585	NO	NO
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	2	0	0.019	0.019	B	0.00077	1,294	NO	NO
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	2	0	0.008	0.010	B	0.00161	619	NO	NO
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	2	0	0.008	0.010	B	0.00171	586	NO	NO
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	2	0	0.016	0.017	B	0.00070	1,428	NO	NO
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	2	0	0.016	0.018	B	0.00296	338	NO	NO
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	2	0	0.015	0.018	B	0.00288	347	NO	NO
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	2	0	0.006	0.007	B	0.00121	825	NO	NO
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	2	0	0.006	0.007	B	0.00119	843	NO	NO
							Total			**4**	**0.537**	**0.600**		**0.06314**	**16**	**Number of crossings**	
							Minimum				**0.004**	**0.005**		**0.00070**	**1,428**	**In the County :**	**25**
							Maximum				**0.128**	**0.140**		**0.01200**	**83**		
Lincoln County																	
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	2	0	0.017	0.020	B	0.00323	309	NO	NO
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	2	1	0.080	0.089	B	0.00862	116	NO	NO
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	2	0	0.018	0.019	B	0.00067	1,502	NO	NO
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	2	0	0.014	0.014	B	0.00053	1,885	NO	NO
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	2	0	0.009	0.011	B	0.00186	538	NO	NO
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	2	0	0.011	0.013	B	0.00216	463	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
											Pre-Construction	Post-Construction					
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	2	0	0.012	0.013	B	0.00048	2,063	NO	NO
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	2	1	0.083	0.091	B	0.00893	112	NO	NO
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.011	B	0.00182	550	NO	NO
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	2	0	0.016	0.017	B	0.00068	1,467	NO	NO
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	2	0	0.009	0.010	B	0.00176	567	NO	NO
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	2	0	0.021	0.025	B	0.00387	259	NO	NO
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	2	0	0.007	0.008	B	0.00137	731	NO	NO
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	2	0	0.017	0.020	B	0.00323	310	NO	NO
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	2	0	0.021	0.025	B	0.00382	262	NO	NO
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	2	0	0.008	0.010	B	0.00164	609	NO	NO
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	2	0	0.019	0.023	B	0.00357	280	NO	NO
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	2	0	0.008	0.010	B	0.00169	591	NO	NO
							Total			2	0.424	0.483		0.05903	17	Number of crossings	
							Minimum				0.007	0.008		0.00048	2,063	in the County :	23
							Maximum				0.083	0.091		0.00893	112		

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																		
193171H	000520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	460	10	6	40	1	2	1	0.040	5	0	0.027	0.020
193197K	000620	MN	WINONA	Canton Mills	MINNESOTA CITY	PASSIVE	100	10	6	40	1	2	1	0.023	5	0	0.017	0.012
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	2500	10	6	30	1	1	2	0.089	5	0	0.053	0.028
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	1750	10	6	30	1	1	2	0.077	5	0	0.047	0.025
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	1850	10	6	30	1	1	2	0.079	5	0	0.048	0.025
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	1700	10	6	30	1	1	2	0.040	5	0	0.028	0.014
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																		
193210W	190	MN	WINONA	Golf Crossing		PASSIVE	55	12	8	30	1	2	1	0.018	5	0	0.014	0.010
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	55	12	8	30	1	2	2	0.018	5	0	0.014	0.010
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	200	12	8	35	1	1	2	0.056	5	0	0.037	0.026
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	950	12	8	35	1	1	2	0.066	5	2	0.189	0.100
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	39	12	8	35	1	2	1	0.017	5	0	0.013	0.009
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	180	12	8	35	1	2	2	0.030	5	0	0.021	0.015
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	FLASHING LIGHTS	500	12	8	35	2	1	2	0.061	5	0	0.039	0.021
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	380	12	8	35	2	1	2	0.071	5	0	0.044	0.032
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	4050	12	8	35	2	1	4	0.088	5	0	0.052	0.026
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	780	12	8	35	1	1	2	0.093	5	0	0.054	0.039
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	480	12	8	35	1	1	2	0.078	5	0	0.047	0.034
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	380	12	8	30	1	1	2	0.069	5	0	0.043	0.031
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	25	12	8	30	1	2	1	0.014	5	0	0.010	0.007
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	1300	12	8	35	1	1	2	0.075	5	1	0.123	0.065
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	200	12	8	35	1	2	2	0.031	5	0	0.022	0.016
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	50	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	2300	12	8	35	3	1	4	0.086	5	0	0.051	0.025
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	670	12	8	35	1	1	2	0.088	5	1	0.134	0.096
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	2750	12	8	35	1	1	2	0.051	5	0	0.034	0.017
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	610	12	8	35	1	1	2	0.085	5	0	0.051	0.036
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	360	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	860	12	8	35	2	1	2	0.096	5	0	0.056	0.040
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	7900	12	8	30	1	1	2	0.158	5	0	0.077	0.041
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	60	12	8	35	1	2	2	0.020	5	0	0.015	0.011
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	540	12	8	35	1	1	2	0.081	5	0	0.049	0.035
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	45	12	8	35	1	2	2	0.018	5	0	0.013	0.010
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	135	12	8	35	2	1	2	0.049	5	0	0.033	0.023
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	2	2	0.035	5	2	0.144	0.103
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	0	0.041	0.029
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	1	2	0.063	5	0	0.041	0.029
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	1	0.113	0.081
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	3300	12	8	35	1	1	2	0.110	5	1	0.150	0.079
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	500	12	8	35	1	1	2	0.079	5	0	0.048	0.034

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	10	12	8	35	1	2	2	0.010	5	0	0.008	0.006
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	310	12	8	35	1	1	2	0.066	5	0	0.042	0.030
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	49	12	8	35	1	2	2	0.018	5	0	0.014	0.010
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	570	12	8	35	1	1	2	0.083	5	0	0.050	0.036
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	380	12	8	35	3	2	1	0.039	5	0	0.027	0.019
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	550	12	8	35	1	1	2	0.082	5	1	0.129	0.092
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	175	12	8	35	1	1	2	0.053	5	0	0.035	0.025
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	80	12	8	35	1	2	2	0.022	5	0	0.016	0.012
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	4700	12	8	35	1	1	4	0.183	5	1	0.192	0.102
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	365	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	155	12	8	35	1	1	2	0.051	5	0	0.034	0.024
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	1500	12	8	35	1	1	2	0.080	5	0	0.048	0.026
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	200	12	7.5	35	1	1	2	0.056	5	0	0.037	0.026
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	200	12	7.5	35	1	2	1	0.031	5	0	0.022	0.016
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	3515	12	8	35	1	1	2	0.054	5	0	0.036	0.018
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	2000	12	7.5	35	1	1	2	0.046	5	0	0.031	0.015
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																		
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	2515	14	9	35	4	1	4	0.273	5	0	0.104	0.055
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	6800	14	9	35	3	1	4	0.339	5	0	0.115	0.061
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	5600	14	9	35	1	1	2	0.148	5	0	0.074	0.039
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	125	14	9	35	1	1	2	0.031	5	0	0.022	0.012
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	2700	14	9	35	1	1	2	0.110	5	1	0.150	0.079
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	70	14	9	35	1	2	2	0.023	5	1	0.070	0.050
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	290	14	9	35	1	1	4	0.070	5	0	0.044	0.031
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	100	14	9	35	1	1	4	0.047	5	0	0.032	0.023
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	555	14	9	35	1	1	2	0.089	5	1	0.135	0.096
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	55	14	9	35	1	2	2	0.021	5	2	0.120	0.086
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	10	14	9	35	1	2	1	0.011	5	0	0.009	0.006
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	500	14	9	35	1	1	2	0.086	5	0	0.051	0.037
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	2000	14	9	35	1	1	2	0.097	5	0	0.056	0.030
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	200	14	9	35	1	1	2	0.061	5	1	0.111	0.079
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	2700	14	9	35	1	1	2	0.160	5	0	0.078	0.056
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	7900	14	9	20	1	1	2	0.171	5	0	0.081	0.043
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																		
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	1050	10	6	20	1	1	2	0.063	5	0	0.040	0.021
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	2700	10	6	20	3	1	2	0.063	5	0	0.040	0.020
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	650	10	6	20	1	1	2	0.051	5	0	0.034	0.018
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	2600	10	6	20	1	1	2	0.091	5	1	0.136	0.072
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	810	10	6	20	1	1	2	0.076	5	0	0.047	0.033
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	190	10	6	35	1	2	2	0.028	5	0	0.020	0.014

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	20	10	6.25	35	1	1	2	0.022	5	0	0.016	0.011
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	110	10	6	35	1	2	2	0.022	5	0	0.016	0.012
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	1100	10	6	20	4	1	2	0.085	5	0	0.051	0.036
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	1900	10	6	20	3	1	2	0.056	5	0	0.037	0.018
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	380	10	6	20	1	2	2	0.032	5	0	0.022	0.016
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	275	10	6	35	1	1	2	0.057	5	1	0.107	0.077
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	565	10	6	35	1	1	2	0.075	5	1	0.123	0.088
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	235	10	6	35	1	2	2	0.030	5	0	0.021	0.015
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	85	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	73	10	6	35	1	2	2	0.019	5	0	0.014	0.010
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	39	10	6	35	1	1	2	0.028	5	0	0.020	0.014
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	100	10	6	20	1	2	1	0.019	5	0	0.014	0.010
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	52	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	970	10	6	35	2	1	2	0.091	5	0	0.054	0.038
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	60	10	6	35	3	1	2	0.033	5	0	0.023	0.017
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	55	10	6	35	3	2	1	0.017	5	0	0.013	0.009
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	80	10	6	35	1	1	2	0.036	5	0	0.025	0.018
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	750	10	6	35	1	1	2	0.055	5	0	0.036	0.019
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	100	10	6	20	1	2	2	0.019	5	0	0.014	0.010
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	115	10	6	20	1	2	2	0.020	5	0	0.015	0.011
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	50	10	6	20	1	1	2	0.027	5	1	0.075	0.054
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	5300	10	6	20	1	1	4	0.175	5	0	0.082	0.044
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	630	10	6.25	20	1	2	2	0.038	5	0	0.027	0.019
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	800	10	6	20	1	1	2	0.032	5	0	0.023	0.011
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	650	10	6	20	4	1	2	0.070	5	0	0.044	0.031
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	770	10	6	20	6	1	2	0.144	5	1	0.171	0.091
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	1400	10	6	20	1	1	2	0.070	5	0	0.044	0.023
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	1200	10	6	20	2	1	2	0.088	5	2	0.215	0.154
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	630	10	6	20	1	1	2	0.069	5	1	0.118	0.085
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	1750	10	6	35	1	1	2	0.077	5	1	0.125	0.066
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	970	10	6	35	1	1	2	0.061	5	0	0.039	0.021
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	3500	10	6	35	1	1	2	0.103	5	0	0.058	0.031
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	630	10	6	35	1	2	2	0.043	5	1	0.093	0.066
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	60	10	6	35	1	2	2	0.018	5	0	0.013	0.010
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	80	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	355	10	6	35	1	1	2	0.063	5	0	0.040	0.029
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	780	10	6	35	1	1	2	0.084	5	0	0.050	0.036
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	116	10	6	35	1	2	2	0.023	5	1	0.070	0.050
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	3100	10	6	20	4	1	2	0.173	5	0	0.082	0.043
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	380	10	6	20	4	1	2	0.073	5	0	0.045	0.024
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	900	10	6	20	1	1	2	0.079	5	0	0.048	0.034
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	580	10	6	20	1	1	2	0.067	5	1	0.116	0.083
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	600	10	6	35	1	1	2	0.076	5	2	0.202	0.144
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	130	10	6	35	1	1	2	0.043	5	0	0.030	0.021
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	380	10	6	35	1	2	2	0.036	5	0	0.025	0.018
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	48	10	6	35	1	2	2	0.017	5	0	0.012	0.009
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	480	10	6	35	1	1	2	0.045	5	0	0.031	0.016
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	1250	10	6.25	35	1	1	2	0.100	5	1	0.143	0.102
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	200	10	6.25	35	1	2	2	0.028	5	0	0.020	0.014
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	380	10	6	20	3	1	2	0.058	5	0	0.037	0.027
193614S	019310	MN	BROWN	CASS ST.	SPRINGFIELD	FLASHING LIGHTS	1650	10	6	20	2	1	2	0.091	5	0	0.053	0.028
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	1000	10	6	20	3	1	2	0.082	5	1	0.129	0.092
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	600	10	6	20	1	1	2	0.050	5	0	0.033	0.018
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	160	10	6	30	1	1	2	0.045	5	0	0.031	0.022
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	56	10	6	20	1	2	2	0.016	5	0	0.012	0.008
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	146	10	6	20	1	2	2	0.022	5	0	0.016	0.012
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	1300	10	6	20	4	1	2	0.121	5	0	0.065	0.035
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	380	10	6	20	4	2	2	0.032	5	0	0.022	0.016
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	73	10	6	40	1	2	2	0.020	5	0	0.015	0.011
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	380	10	6	35	3	1	2	0.060	5	0	0.039	0.021
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	1300	10	6	35	2	1	2	0.083	5	0	0.050	0.026
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	99	10	6	35	1	2	2	0.022	5	0	0.016	0.011
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	510	10	6	35	2	1	2	0.056	5	0	0.037	0.019
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	320	10	6	35	1	1	2	0.061	5	0	0.039	0.028
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	125	10	6	35	1	1	2	0.043	5	0	0.029	0.021
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	44	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	530	10	6	35	1	1	2	0.073	5	0	0.045	0.032
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	49	10	6	35	1	2	2	0.017	5	1	0.062	0.045
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	900	10	6	35	2	1	2	0.071	5	0	0.044	0.023
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																		
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	1000	8	5	35	2	1	2	0.066	5	0	0.042	0.022
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	55	8	5	35	1	2	2	0.015	5	0	0.012	0.008
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	55	8	5	20	1	2	2	0.014	5	0	0.010	0.007
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	37	8	5	20	1	2	2	0.012	5	0	0.009	0.006
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	1450	8	5	30	5	1	4	0.084	5	0	0.050	0.025
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	2200	8	5	30	2	1	2	0.046	5	1	0.096	0.047
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	650	10	6	30	1	1	2	0.076	5	0	0.047	0.033
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	320	10	6	30	1	1	2	0.058	5	2	0.178	0.128
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	225	10	6	30	1	1	2	0.051	5	0	0.034	0.024
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	1350	10	6	30	1	1	2	0.069	5	0	0.043	0.023
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	155	10	6	30	1	1	2	0.045	5	0	0.030	0.022
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	73	10	6	30	1	2	2	0.019	5	0	0.014	0.010
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	5	10	6	30	1	2	2	0.007	5	0	0.005	0.004
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	1050	10	6	35	2	1	2	0.076	5	1	0.124	0.065
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	710	10	6	30	1	1	2	0.053	5	0	0.035	0.019
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	38	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	45	10	6	30	1	2	2	0.016	5	0	0.012	0.008
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	495	10	6	30	1	1	2	0.046	5	0	0.031	0.016
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	55	10	6	30	1	1	2	0.030	5	0	0.022	0.016
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	50	10	6	30	1	1	2	0.029	5	0	0.021	0.015
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	16	10	6	30	1	2	2	0.011	5	0	0.008	0.006
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	15	10	6	30	1	2	2	0.010	5	0	0.008	0.006
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	380	10	6	30	1	2	2	0.034	5	0	0.024	0.017
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	380	10	6	30	1	1	2	0.062	5	1	0.112	0.080
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	3150	10	6	30	2	1	2	0.056	5	0	0.037	0.018
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	1000	10	6	30	2	1	2	0.040	5	0	0.028	0.014
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	59	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	95	10	6	30	1	2	2	0.020	5	0	0.015	0.011
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	1100	10	6	30	1	1	2	0.035	5	0	0.025	0.012
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	450	10	6	30	1	1	2	0.066	5	1	0.115	0.083
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	450	10	6	30	1	1	2	0.044	5	0	0.030	0.016
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	50	10	6	30	1	2	2	0.016	5	0	0.012	0.009
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	150	10	6	30	1	1	2	0.044	5	0	0.030	0.021
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	23	10	6	30	1	2	2	0.012	5	0	0.009	0.007
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	75	10	6	30	1	1	2	0.034	5	0	0.024	0.017
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	720	10	6	30	1	2	2	0.043	5	0	0.030	0.021
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	40	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	110	10	6	30	1	1	2	0.039	5	0	0.027	0.019
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	44	10	6	30	1	2	2	0.015	5	0	0.012	0.008

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																			
19317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	21	13	49	2	2	1	0.064	5	0	0.041	0.029
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	21	13	49	2	2	1	0.036	5	0	0.025	0.018
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	21	13	49	1	1	2	0.132	5	0	0.069	0.036
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1750	21	13	49	1	1	2	0.114	5	0	0.062	0.033
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	55	21	13	25	1	2	2	0.024	5	0	0.018	0.013
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	21	13	49	1	1	2	0.116	5	0	0.063	0.034
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	21	13	49	1	1	2	0.057	5	0	0.037	0.018
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																			
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	21	13.13	49	1	2	1	0.029	5	0	0.021	0.015
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	21	13	49	1	1	2	0.085	5	0	0.051	0.036
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	21	13	49	1	1	2	0.088	5	2	0.216	0.114
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	21	13.13	49	1	2	1	0.026	5	0	0.019	0.013
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	21	13	49	1	2	2	0.045	5	0	0.030	0.022
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	21	13.13	49	2	2	2	0.066	5	0	0.042	0.030
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	21	13	49	2	1	2	0.108	5	0	0.060	0.043
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	21	13	49	2	1	4	0.114	5	0	0.063	0.031
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	21	13	49	1	1	2	0.140	5	0	0.072	0.052
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	21	13	49	1	1	2	0.117	5	0	0.064	0.046
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	21	13	49	1	2	2	0.022	5	0	0.016	0.011
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	21	13	49	1	2	2	0.022	5	0	0.016	0.011
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	21	13	49	1	2	1	0.022	5	0	0.016	0.011
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	21	13	49	1	1	2	0.101	5	1	0.143	0.076
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	21	13	49	1	2	2	0.047	5	0	0.032	0.023
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	21	13	49	3	1	4	0.112	5	0	0.062	0.030
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	21	13	49	2	1	2	0.133	5	1	0.165	0.118
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	21	13	49	1	1	2	0.066	5	0	0.042	0.020
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	21	13	49	1	1	2	0.128	5	0	0.068	0.049
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	21	13	49	1	1	2	0.106	5	0	0.059	0.042
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	21	13	49	2	1	2	0.146	5	0	0.074	0.053
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	21	13	49	1	1	2	0.211	5	0	0.092	0.048
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	21	13	49	1	2	2	0.030	5	0	0.021	0.015
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	21	13	49	2	1	2	0.123	5	0	0.066	0.047
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	21	13	49	1	2	2	0.027	5	0	0.019	0.014
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	21	13	49	2	1	2	0.073	5	0	0.045	0.033
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	2	0.180	0.129
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	2	1	2	0.108	5	0	0.060	0.043
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	2	1	2	0.108	5	1	0.148	0.106
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	21	13	49	1	1	2	0.147	5	1	0.174	0.092
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	21	13	49	1	1	2	0.119	5	0	0.065	0.046
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	21	13	49	1	2	2	0.015	5	0	0.012	0.008
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	21	13	49	1	1	2	0.100	5	0	0.057	0.041
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	21	13	49	1	1	2	0.125	5	0	0.067	0.048
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	21	13	49	3	2	1	0.059	5	0	0.038	0.027
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	21	13	49	1	1	2	0.123	5	1	0.159	0.114
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	175	21	13	49	2	1	2	0.081	5	0	0.049	0.035
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	21	13.13	49	2	2	2	0.029	5	0	0.021	0.015
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	21	13	49	1	2	2	0.033	5	0	0.024	0.017
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	21	13	49	1	1	4	0.246	5	1	0.218	0.116
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	21	13	49	1	1	2	0.106	5	0	0.060	0.043
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	21	13	49	1	1	2	0.077	5	0	0.047	0.034
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	21	13	49	1	1	2	0.107	5	0	0.060	0.032
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	21	13.125	49	1	1	2	0.085	5	0	0.051	0.036
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	21	13.125	49	1	2	1	0.047	5	0	0.032	0.023
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	21	13	49	1	1	2	0.071	5	0	0.044	0.022
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	21	13.125	49	1	1	2	0.060	5	0	0.039	0.019
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																			
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	21	13	49	4	1	4	0.338	5	0	0.115	0.061
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	21	13	49	3	1	4	0.419	5	0	0.125	0.066
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	21	13	49	1	1	2	0.183	5	0	0.085	0.045
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	125	21	13	49	1	1	2	0.038	5	0	0.027	0.014
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	21	13	49	1	1	2	0.136	5	1	0.167	0.088
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	70	21	13	49	1	2	2	0.032	5	1	0.081	0.058
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	290	21	13	49	2	1	4	0.097	5	0	0.056	0.040
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	21	13	49	2	1	4	0.066	5	0	0.042	0.030
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	21	13	49	1	1	2	0.124	5	1	0.159	0.114
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	2	0.134	0.096
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	21	13	49	1	2	1	0.015	5	0	0.012	0.008
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	21	13	49	1	1	2	0.119	5	0	0.065	0.046
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2000	21	13	49	1	1	2	0.120	5	0	0.065	0.034
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	21	13	49	1	1	2	0.085	5	1	0.131	0.094
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	21	13	49	1	1	2	0.222	5	0	0.094	0.067
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	7900	21	13	49	1	1	2	0.211	5	0	0.092	0.048
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																			
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	21	13	49	1	1	2	0.092	5	0	0.054	0.029

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	21	13	49	3	1	2	0.088	5	0	0.052	0.026
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	21	13	49	2	1	2	0.092	5	0	0.054	0.028
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	21	13	49	2	1	2	0.162	5	1	0.182	0.096
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	21	13	49	2	1	2	0.142	5	0	0.073	0.052
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	21	13	49	1	2	2	0.046	5	0	0.031	0.022
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	21	13	49	1	2	2	0.015	5	0	0.012	0.008
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	21	13.125	49	1	1	2	0.036	5	0	0.025	0.018
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	21	13	49	1	2	2	0.037	5	0	0.026	0.019
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	21	13.13	49	1	2	2	0.036	5	0	0.025	0.018
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	21	13	49	4	1	2	0.160	5	0	0.078	0.056
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	21	13	49	3	1	2	0.080	5	0	0.048	0.024
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	0	0.038	0.027
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	21	13	49	1	1	2	0.096	5	1	0.140	0.100
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	565	21	13	49	1	1	2	0.125	5	1	0.160	0.114
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	235	21	13	49	1	2	2	0.050	5	0	0.033	0.024
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	85	21	13	49	1	2	2	0.034	5	0	0.024	0.017
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	21	13	49	1	2	2	0.032	5	0	0.023	0.016
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	21	13	49	1	1	2	0.046	5	0	0.031	0.022
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	PASSIVE	100	21	13.13	49	2	2	1	0.036	5	0	0.025	0.018
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	21	13	49	1	2	2	0.028	5	0	0.020	0.015
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	21	13	49	2	1	2	0.152	5	0	0.076	0.054
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	21	13	49	3	1	2	0.054	5	0	0.036	0.026
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	21	13	49	3	2	1	0.029	5	0	0.021	0.015
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	21	13	49	1	1	2	0.078	5	0	0.048	0.034
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	21	13	49	1	1	2	0.060	5	0	0.039	0.028
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	21	13	49	1	1	2	0.080	5	0	0.049	0.026
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	21	13	49	2	2	2	0.036	5	0	0.025	0.018
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	21	13	49	1	2	2	0.038	5	0	0.026	0.019
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	21	13	49	2	1	2	0.051	5	1	0.101	0.072
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	5300	21	13	49	1	1	4	0.258	5	0	0.102	0.054
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	21	13.125	49	1	2	2	0.071	5	0	0.044	0.032
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	21	13	49	1	1	2	0.046	5	0	0.031	0.015
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	650	21	13	49	4	1	2	0.131	5	0	0.069	0.049
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	21	13	49	6	1	2	0.212	5	1	0.205	0.108
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	21	13	49	1	1	2	0.104	5	0	0.059	0.031
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1200	21	13	49	2	1	2	0.165	5	2	0.287	0.205
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	21	13	49	1	1	2	0.130	5	1	0.163	0.117
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	21	13	49	1	1	2	0.114	5	1	0.152	0.081
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	21	13	49	1	1	2	0.089	5	0	0.053	0.028
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500	21	13.125	49	1	1	2	0.151	5	0	0.075	0.040
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	21	13	49	1	2	2	0.071	5	1	0.120	0.086
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	60	21	13	49	1	2	2	0.030	5	0	0.021	0.015
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	21	13	49	1	2	2	0.026	5	0	0.019	0.013
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	21	13	49	1	2	2	0.033	5	0	0.024	0.017
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	355	21	13	49	1	1	2	0.105	5	0	0.059	0.042
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	21	13	49	1	1	2	0.140	5	0	0.072	0.052
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	160	21	13	49	1	1	2	0.078	5	0	0.048	0.034
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	21	13	49	1	2	2	0.038	5	1	0.088	0.063
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	21	13	49	4	1	2	0.255	5	0	0.101	0.053
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	380	21	13	49	4	1	2	0.108	5	0	0.060	0.032
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	900	21	13	49	1	1	2	0.148	5	0	0.074	0.053
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	580	21	13	49	1	1	2	0.126	5	1	0.161	0.115
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	21	13	49	2	2	2	0.026	5	0	0.019	0.013
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	600	21	13	49	2	1	2	0.127	5	2	0.256	0.183
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	21	13	49	1	1	2	0.072	5	0	0.045	0.032
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	0	0.038	0.027
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	480	21	13	49	1	1	2	0.067	5	0	0.042	0.022
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	21	13.125	49	1	1	2	0.167	5	1	0.184	0.132
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	21	13.125	49	1	2	2	0.047	5	0	0.032	0.023
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	21	13	49	3	1	2	0.108	5	0	0.060	0.043
193614S	019310	MN	BROWN	CASS ST.	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	21	13	49	2	1	2	0.134	5	0	0.070	0.037
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	1000	21	13	49	3	1	2	0.154	5	1	0.177	0.127
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	600	21	13	49	1	1	2	0.073	5	0	0.045	0.024
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	21	13	49	1	1	2	0.078	5	0	0.048	0.034
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	56	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	21	13	49	1	2	2	0.042	5	0	0.029	0.020
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	21	13	49	4	1	2	0.179	5	0	0.083	0.044
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	21	13	49	4	2	2	0.059	5	0	0.038	0.027
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	21	13	49	1	2	2	0.032	5	0	0.023	0.016
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	21	13	49	3	1	2	0.089	5	0	0.053	0.028
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	21	13	49	2	1	2	0.122	5	0	0.066	0.035
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	21	13	49	1	2	2	0.036	5	0	0.025	0.018
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	21	13	49	2	1	2	0.083	5	0	0.050	0.026
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	21	13	49	1	1	2	0.101	5	0	0.058	0.041
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	21	13	49	1	1	2	0.071	5	0	0.044	0.032
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	21	13	49	1	2	2	0.027	5	0	0.019	0.014
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	21	13	49	1	1	2	0.122	5	0	0.066	0.047
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	21	13	49	1	2	2	0.028	5	1	0.076	0.054
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	21	13	49	2	1	2	0.105	5	0	0.059	0.031

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																			
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	21	13	49	2	1	2	0.109	5	0	0.061	0.032
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	40	21	13	49	1	2	2	0.026	5	0	0.019	0.013
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	21	13	49	1	2	2	0.026	5	0	0.019	0.013
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	21	13	49	1	2	2	0.025	5	0	0.018	0.013
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	21	13	49	5	1	4	0.132	5	0	0.069	0.034
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	21	13	49	2	1	2	0.072	5	1	0.120	0.059
Segment 6 Brookings to Tracy MP 226.6 to 290.0																			
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	21	13	49	1	1	2	0.131	5	0	0.069	0.049
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	21	13	49	2	1	2	0.101	5	2	0.230	0.164
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	21	13	49	2	1	2	0.089	5	0	0.052	0.037
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	21	13	49	1	1	2	0.102	5	0	0.058	0.031
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	21	13	49	1	1	2	0.077	5	0	0.047	0.034
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	21	13	49	1	2	2	0.032	5	0	0.023	0.016
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	21	13	49	1	2	2	0.012	5	0	0.009	0.007
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	21	13	49	2	1	2	0.112	5	1	0.151	0.080
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	21	13	49	1	1	2	0.078	5	0	0.048	0.025
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	21	13	49	1	2	2	0.025	5	0	0.018	0.013
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	21	13	49	1	2	2	0.027	5	0	0.019	0.014
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	21	13	49	1	1	2	0.068	5	0	0.043	0.023
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	21	13	49	1	1	2	0.053	5	0	0.035	0.025
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	21	13	49	1	1	2	0.051	5	0	0.034	0.024
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	21	13	49	2	2	2	0.018	5	0	0.014	0.010
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	21	13	49	2	2	2	0.018	5	0	0.013	0.010
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	0	0.038	0.027
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	1	0.148	0.106
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	21	13	49	2	1	2	0.080	5	0	0.048	0.024
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	21	13	49	2	1	2	0.057	5	0	0.037	0.018
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	21	13	49	1	2	2	0.030	5	0	0.021	0.015
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	21	13	49	1	2	2	0.035	5	0	0.025	0.018
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	21	13	40	1	1	2	0.050	5	0	0.033	0.016
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	21	13	49	1	1	2	0.115	5	1	0.153	0.110

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	21	13	49	1	1	2	0.065	5	0	0.041	0.022
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	21	13	49	1	1	2	0.076	5	0	0.047	0.033
193772S	26780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	21	13	49	1	2	2	0.021	5	0	0.016	0.011
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	21	13	49	1	1	2	0.059	5	0	0.038	0.027
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	21	13	49	1	2	2	0.075	5	0	0.046	0.033
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	21	13	49	1	2	2	0.026	5	0	0.019	0.013
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	21	13	49	2	1	2	0.068	5	0	0.043	0.031
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	21	13	49	2	2	2	0.027	5	0	0.019	0.014

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
Winona County																				
193317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	1	2	1	5	0	0.020	0.029	B	0.009	106	NO	NO
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	1	2	1	5	0	0.012	0.018	B	0.006	160	NO	NO
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	1	1	2	5	0	0.028	0.036	B	0.0086	116	NO	NO
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1075	1	1	2	5	0	0.025	0.033	B	0.0081	123	NO	NO
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	100	1	2	2	5	0	0.009	0.013	B	0.0036	277	NO	NO
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	1	1	2	5	0	0.025	0.034	B	0.0082	122	NO	NO
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	1	1	2	5	0	0.014	0.018	B	0.0046	216	NO	NO
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	1	2	1	5	0	0.010	0.015	B	0.005	199	NO	NO
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0050	199	NO	NO
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	1	1	2	5	0	0.026	0.036	B	0.0100	100	NO	NO
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	1	1	2	5	2	0.100	0.114	B	0.0144	69	NO	NO
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	1	2	1	5	0	0.009	0.013	B	0.004	238	NO	NO
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	1	2	2	5	0	0.015	0.022	B	0.0066	152	NO	NO
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	100	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	2	2	2	5	0	0.021	0.030	B	0.009	113	NO	NO
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	2	1	2	5	0	0.032	0.043	B	0.0113	88	NO	NO
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	2	1	4	5	0	0.026	0.031	B	0.0053	190	NO	NO
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	1	1	2	5	0	0.039	0.052	B	0.0127	79	NO	NO
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	1	1	2	5	0	0.034	0.046	B	0.0118	85	NO	NO
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	1	2	2	5	0	0.031	0.043	B	0.0123	81	NO	NO
							Total						**2**	**0.514**	**0.685**		**0.1716**	**6**	Number of crossings	
							Minimum							**0.009**	**0.013**		**0.0036**	**277**	in the County =	22
							Maximum							**0.100**	**0.114**		**0.0144**	**69**		
Olmsted County																				
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	1	2	2	5	0	0.008	0.011	B	0.0036	274	NO	NO
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	1	2	2	5	0	0.008	0.011	B	0.0036	274	NO	NO
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	1	2	1	5	0	0.007	0.011	B	0.0039	255	NO	NO
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	1	1	2	5	1	0.065	0.076	B	0.0106	94	NO	NO
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	1	1	2	5	0	0.016	0.023	B	0.0068	147	NO	NO
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	1	2	2	5	0	0.010	0.014	B	0.0045	220	NO	NO
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	3	1	4	5	0	0.025	0.030	B	0.0052	191	NO	NO
							Total						**1**	**0.139**	**0.178**		**0.0384**	**26**	Number of crossings	
							Minimum							**0.007**	**0.011**		**0.0036**	**274**	in the County =	7
							Maximum							**0.065**	**0.076**		**0.0106**	**94**		
Dodge County																				
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	1	1	2	5	1	0.096	0.118	B	0.0224	45	NO	NO
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	1	1	2	5	0	0.017	0.020	B	0.0039	254	NO	NO
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	1	1	2	5	0	0.036	0.049	B	0.0122	82	NO	NO
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	1	1	2	5	0	0.031	0.042	B	0.0112	89	NO	NO
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	2	1	2	5	0	0.040	0.053	B	0.0129	78	NO	NO
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	1	1	2	5	0	0.041	0.048	B	0.0075	133	NO	NO
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	1	2	2	5	0	0.011	0.015	B	0.0048	208	NO	NO
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	1	1	2	5	0	0.035	0.047	B	0.0120	83	NO	NO
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	1	1	2	5	0	0.010	0.014	B	0.0044	228	NO	NO
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	2	1	2	5	0	0.023	0.033	B	0.0092	109	NO	NO
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	2	0.103	0.129	A	0.0257	39	YES	YES
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	2	2	5	0	0.029	0.043	B	0.0141	71	NO	NO
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.029	0.043	B	0.0141	71	NO	NO
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	2	1	2	5	1	0.081	0.106	B	0.0254	39	NO	NO
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	1	1	2	5	0	0.032	0.043	B	0.0113	88	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.032	0.043	B	0.0113	88	NO	NO
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	1	1	2	5	1	0.079	0.092	B	0.0124	81	NO	NO
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	1	1	2	5	0	0.034	0.046	B	0.0119	84	NO	NO
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10			2		0	0.006	0.008	B	0.0027	370	NO	NO
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	1	1	2	5	0	0.030	0.041	B	0.0109	92	NO	NO
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	1	2	2	5	0	0.010	0.014	B	0.0045	222	NO	NO
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	1	1	2	5	0	0.036	0.048	B	0.0121	82	NO	NO
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	3	1	1	5	0	0.019	0.027	B	0.0080	125	NO	NO
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	1	1	2	5	1	0.092	0.114	B	0.0217	46	NO	NO
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
							Total						6	1.002	1.312		0.3101	3	Number of crossings	
							Minimum							0.006	0.008		0.0027	370	In the County =	29
							Maximum							0.103	0.129		0.0257	39		
Steele County																				
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	250	1	1	2	5	0	0.025	0.035	B	0.0097	103	NO	NO
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.005	214	NO	NO
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	1	2	2	5	0	0.012	0.017	B	0.0052	191	NO	NO
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	1	1	4	5	1	0.102	0.116	B	0.0138	73	NO	NO
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	1	1	2	5	0	0.031	0.043	B	0.0113	89	NO	NO
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.015	B	0.0047	214	NO	NO
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	1	1	2	5	0	0.024	0.034	B	0.0095	105	NO	NO
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	1	1	2	5	0	0.026	0.032	B	0.0061	165	NO	NO
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200			2		0	0.026	0.036	B	0.0100	100	NO	NO
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200			1		0	0.016	0.023	B	0.0068	147	NO	NO
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	1	1	2	5	0	0.018	0.022	B	0.0041	243	NO	NO
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	0.0005745	2000	11	30.421	0.625	0	0.015	0.019	B	0.0037	270	NO	NO
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	4	1	4	5	0	0.055	0.061	B	0.0055	181	NO	NO
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	3	1	4	5	0	0.061	0.066	B	0.0054	187	NO	NO
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	1	1	2	5	0	0.039	0.045	B	0.0054	187	NO	NO
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2000	1	1	2	5	0	0.012	0.014	B	0.0024	418	NO	NO
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	1	1	2	5	1	0.079	0.088	B	0.0089	113	NO	NO
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	2000	1	2	2	5	1	0.050	0.058	B	0.0074	134	NO	NO
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	145	1	2	4	5	0	0.031	0.040	B	0.0088	114	NO	NO
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	1	2	2	5	0	0.023	0.030	B	0.0070	142	NO	NO
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	1	1	2	5	1	0.096	0.114	B	0.0176	57	NO	NO
							Total						4	0.773	0.936		0.1626	6	Number of crossings	
							Minimum							0.010	0.014		0.0024	418	In the County =	22
							Maximum							0.102	0.116		0.0176	57		
Waseca County																				
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	1	2	2	5	2	0.086	0.096	B	0.0100	100	NO	NO
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	1	2	1	5	0	0.006	0.008	B	0.0022	448	NO	NO
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	1	1	2	5	0	0.037	0.046	B	0.0096	104	NO	NO
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2800	1	1	2	5	0	0.030	0.034	B	0.0047	212	NO	NO
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	1	1	2	5	1	0.079	0.094	B	0.0147	68	NO	NO
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	1	1	2	5	0	0.056	0.067	B	0.0115	87	NO	NO
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	8900	1	1	2	5	0	0.043	0.048	B	0.0055	182	NO	NO
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	1	1	2	5	0	0.021	0.029	B	0.0073	137	NO	NO
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	3	1	2	5	0	0.020	0.026	B	0.0060	166	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase In Frequency	1/Freq.	Trip Threshold	State Top 50
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	1	1	2	5	0	0.018	0.028	B	0.0103	97	NO	NO
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	1	1	2	5	1	0.072	0.096	B	0.0241	41	NO	NO
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	1	2	2	5	0	0.033	0.052	B	0.0186	54	NO	NO
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.015	B	0.0065	153	NO	NO
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	1	2	2	5	0	0.014	0.022	B	0.0080	125	NO	NO
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	1	2	2	5	0	0.005	0.008	B	0.0032	311	NO	NO
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20			2		0	0.011	0.018	B	0.0067	150	NO	NO
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	1	2	2	5	0	0.012	0.019	B	0.0069	146	NO	NO
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	1	2	2	5	0	0.011	0.018	B	0.007	150	NO	NO
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	4	1	2	5	0	0.036	0.056	B	0.0194	52	NO	NO
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	3	1	2	5	0	0.018	0.024	B	0.0057	175	NO	NO
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	1	2	2	5	0	0.027	0.043	B	0.0163	61	NO	NO
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	1	2	2	5	0	0.016	0.027	B	0.0113	88	NO	NO
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	1	1	2	5	1	0.077	0.100	B	0.0232	43	NO	NO
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	460	1	1	2	5	1	0.088	0.114	B	0.0264	38	NO	NO
							Total						6	0.8343	1.1049		0.2706	4	Number of crossings	
							Minimum							0.0051	0.0083		0.0022	448	In the County =	26
							Maximum							0.088	0.114		0.0264	38		
Blue Earth County																				
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	90	1	2	2	5	0	0.015	0.024	B	0.0085	118	NO	NO
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	10			2		0	0.011	0.018	B	0.0067	150	NO	NO
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	75	1	2	2	5	0	0.011	0.017	B	0.0064	157	NO	NO
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	1	2	2	5	0	0.010	0.016	B	0.0061	165	NO	NO
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39			2		0	0.014	0.022	B	0.0081	124	NO	NO
193509R	14720	MN	BLUE EARTH	Twp. 461	MANKATO	PASSIVE	PASSIVE	100	1	2	1	5	0	0.010	0.018	B	0.008	128	NO	NO
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	1		2	5	0	0.009	0.015	B	0.0055	183	NO	NO
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	2		2	5	0	0.038	0.054	B	0.0159	63	NO	NO
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	3		2	5	0	0.017	0.026	B	0.0091	110	NO	NO
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	3		1	5	0	0.009	0.015	B	0.0056	180	NO	NO
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	150	1		2	5	0	0.023	0.034	B	0.0115	87	NO	NO
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	1		2	5	0	0.018	0.028	B	0.0098	103	NO	NO
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	1		2	5	0	0.019	0.026	B	0.0068	148	NO	NO
							Total						0	0.205	0.313		0.1075	9	Number of crossings	
							Minimum							0.009	0.015		0.0055	183	In the County =	13
							Maximum							0.038	0.054		0.0159	63		
Brown County																				
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	1	2	2	5	0	0.010	0.018	B	0.008	128	NO	NO
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	1		2	5	0	0.011	0.019	B	0.0082	123	NO	NO
192523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	1	1	2	5	1	0.054	0.072	B	0.018	55	NO	NO
193488A	164180	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	4500	1	2	4	5	0	0.044	0.054	B	0.0101	99	NO	NO
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	1	2	2	5	0	0.019	0.032	B	0.013	78	NO	NO
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800			2		0	0.011	0.015	B	0.0040	253	NO	NO
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	550	4	1	2	5	0	0.031	0.049	B	0.0179	56	NO	NO
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	600	6	1	2	5	1	0.091	0.108	B	0.0178	56	NO	NO
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	1	1	2	5	0	0.023	0.031	B	0.0078	129	NO	NO
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1100	2	1	2	5	2	0.154	0.205	A	0.0509	20	YES	YES
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	1	1	2	5	1	0.085	0.117	B	0.0321	31	NO	NO
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	1	1	2	5	1	0.066	0.081	B	0.0146	69	NO	NO
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	1	1	2	5	0	0.021	0.028	B	0.0072	139	NO	NO
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3000			2		0	0.031	0.040	B	0.0091	110	NO	NO
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	1	2	2	5	1	0.066	0.086	B	0.0196	51	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	75	1	2	2	5	0	0.010	0.015	B	0.0057	175	NO	NO
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.013	B	0.0050	198	NO	NO
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	1	2	2	5	0	0.011	0.017	B	0.0062	160	NO	NO
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	790	1	1	2	5	0	0.029	0.042	B	0.0135	74	NO	NO
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	1	1	2	5	0	0.036	0.052	B	0.0154	65	NO	NO
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	140	1	2	2	5	0	0.023	0.034	B	0.0115	87	NO	NO
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	1	2	2	5	1	0.050	0.063	B	0.0125	80	NO	NO
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3400	4	1	2	5	0	0.043	0.053	B	0.0101	99	NO	NO
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	4	1	2	5	0	0.024	0.032	B	0.0079	126	NO	NO
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	1200	1	1	2	5	0	0.034	0.053	B	0.0188	53	NO	NO
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	850	1	1	2	5	1	0.083	0.115	B	0.0317	32	NO	NO
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.015	B	0.0065	153	NO	NO
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.013	B	0.0050	198	NO	NO
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	300	1	1	2	5	2	0.144	0.183	A	0.0385	26	YES	YES
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	1	1	2	5	0	0.021	0.032	B	0.0110	91	NO	NO
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	1	2	2	5	0	0.018	0.027	B	0.0096	104	NO	NO
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	1	2	2	5	0	0.009	0.014	B	0.0053	187	NO	NO
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	370	1	1	2	5	0	0.016	0.022	B	0.0061	165	NO	NO
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250			2		1	0.102	0.132	A	0.0295	34	YES	YES
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200			2		0	0.014	0.023	B	0.0081	123	NO	NO
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	1	1	2	5	0	0.027	0.043	B	0.0163	61	NO	NO
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	3	1	2	5	0	0.027	0.043	B	0.0163	61	NO	NO
193614S	019310	MN	BROWN	CASS ST.	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	2	1	2	5	0	0.028	0.037	B	0.0087	115	NO	NO
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	770	3	1	2	5	1	0.092	0.127	A	0.0344	29	YES	YES
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	1	2	2	5	0	0.027	0.043	B	0.0163	61	NO	NO
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	410	1	1	2	5	0	0.018	0.024	B	0.0064	156	NO	NO
193710U	019760	MN	BROWN	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	1	1	2	5	0	0.022	0.034	B	0.0122	82	NO	NO
							Total						13	1.707	2.347		0.6407	2	Number of crossings	
							Minimum							0.008	0.013		0.0040	253	In the County =	48
							Maximum							0.154	0.205		0.0509	20		
Redwood County																				
193711B	020050	MN	REDWOOD	TWP 2	SANBORN	PASSIVE	PASSIVE	56	1	2	2	5	0	0.008	0.015	B	0.0066	152	NO	NO
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	1	2	2	5	0	0.012	0.020	B	0.0087	114	NO	NO
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	4	1	2	5	0	0.035	0.044	B	0.0095	105	NO	NO
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	4	2	2	5	0	0.016	0.027	B	0.0113	88	NO	NO
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	1	2	2	5	0	0.011	0.016	B	0.0057	175	NO	NO
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	3	1	2	5	0	0.021	0.028	B	0.0072	139	NO	NO
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	1	2	5	0	0.026	0.035	B	0.0084	120	NO	NO
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	1	2	2	5	0	0.011	0.018	B	0.0066	150	NO	NO
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	2	1	2	5	0	0.019	0.026	B	0.0069	145	NO	NO
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	1	1	2	5	0	0.028	0.041	B	0.0133	75	NO	NO
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0056	180	NO	NO
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	1	2	2	5	0	0.021	0.032	B	0.0109	92	NO	NO
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	1	2	2	5	0	0.009	0.014	B	0.0052	192	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	1	2	2	5	0	0.032	0.047	B	0.0145	69	NO	NO
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	1	2	2	5	1	0.045	0.054	B	0.0097	103	NO	NO
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	2	1	2	5	0	0.023	0.031	B	0.0078	128	NO	NO
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	2	1	2	5	0	0.022	0.032	B	0.0101	99	NO	NO
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.007	0.013	B	0.0059	168	NO	NO
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	1	2	2	5	0	0.007	0.013	B	0.0059	168	NO	NO
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.015	B	0.0066	152	NO	NO
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	1	2	2	5	0	0.007	0.015	B	0.0074	135	NO	NO
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	1	2	2	5	0	0.006	0.013	B	0.0066	153	NO	NO
							Total						1	0.404	0.596		0.1915	5	Number of crossings	
							Minimum							0.006	0.013		0.0052	192	In the County =	24
							Maximum							0.045	0.054		0.0145	69		
Lyon County																				
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	5	1	4	5	0	0.025	0.034	B	0.0093	108	NO	NO
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	2	1	2	5	1	0.047	0.059	B	0.0121	83	NO	NO
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	1	1	2	5	0	0.033	0.049	B	0.0160	62	NO	NO
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	1	1	2	5	2	0.128	0.164	A	0.0368	27	YES	YES
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	1	1	2	5	0	0.024	0.037	B	0.0132	76	NO	NO
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	1	1	2	5	0	0.023	0.031	B	0.0077	130	NO	NO
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	1	1	2	5	0	0.022	0.034	B	0.0121	82	NO	NO
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	1	2	2	5	0	0.010	0.016	B	0.0064	155	NO	NO
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	1	2	2	5	0	0.004	0.007	B	0.0027	372	NO	NO
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	1	2	5	1	0.065	0.080	B	0.0145	69	NO	NO
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	1	1	2	5	0	0.019	0.025	B	0.0067	150	NO	NO
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	1	2	2	5	0	0.008	0.013	B	0.0053	190	NO	NO
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	1	2	2	5	0	0.008	0.014	B	0.0055	180	NO	NO
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	1	1	2	5	0	0.016	0.023	B	0.0061	164	NO	NO
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.016	0.025	B	0.0094	106	NO	NO
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	1	1	2	5	0	0.015	0.024	B	0.0092	109	NO	NO
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	1	2	2	5	0	0.006	0.010	B	0.0040	252	NO	NO
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	1	2	2	5	0	0.006	0.010	B	0.0039	257	NO	NO
							Total						4	0.537	0.759		0.2221	5	Number of crossings	
							Minimum							0.004	0.007		0.0027	372	In the County =	26
							Maximum							0.128	0.164		0.0368	27		
Lincoln County																				
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.017	0.027	B	0.0102	98	NO	NO
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	1	1	2	5	1	0.080	0.106	B	0.0263	38	NO	NO
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	2	1	2	5	0	0.018	0.024	B	0.0057	176	NO	NO
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	2	1	2	5	0	0.014	0.018	B	0.0046	217	NO	NO
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	1	2	2	5	0	0.009	0.015	B	0.0060	166	NO	NO
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	1	2	2	5	0	0.011	0.018	B	0.0070	144	NO	NO
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	1	1	2	5	0	0.012	0.016	B	0.0042	236	NO	NO
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	1	1	2	5	1	0.083	0.110	B	0.0271	37	NO	NO
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.015	B	0.0059	169	NO	NO
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	1	1	2	5	0	0.016	0.022	B	0.0060	168	NO	NO
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	1	2	2	5	0	0.009	0.014	B	0.0057	175	NO	NO
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	1	1	2	5	0	0.021	0.033	B	0.0120	83	NO	NO
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	1	2	2	5	0	0.007	0.011	B	0.0045	223	NO	NO
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	1	2	2	5	0	0.017	0.027	B	0.0102	98	NO	NO
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	1	2	2	5	0	0.021	0.033	B	0.0119	84	NO	NO
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.013	B	0.0053	187	NO	NO
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	1	1	2	5	0	0.019	0.031	B	0.0112	89	NO	NO
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	1	2	2	5	0	0.008	0.014	B	0.0055	182	NO	NO
							Total						2	0.424	0.623		0.1989	5	Number of crossings	
							Minimum							0.007	0.011		0.0042	236	In the County =	23
							Maximum							0.083	0.110		0.0271	37		

Pre-Construction Accident Prediction Summary
Minnesota 100 NMT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																		
193171H	000520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	460	10	6	40	1	2	1	0.040	5	0	0.027	0.020
193197K	000620	MN	WINONA	Canton Mills	MINNESOTA CITY	PASSIVE	100	10	6	40	1	2	1	0.023	5	0	0.017	0.012
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	2500	10	6	30	1	1	2	0.089	5	0	0.053	0.028
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	1750	10	6	30	1	1	2	0.077	5	0	0.047	0.025
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	1850	10	6	30	1	1	2	0.079	5	0	0.048	0.025
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	1700	10	6	30	1	1	2	0.040	5	0	0.028	0.014
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																		
193210W	1900	MN	WINONA	Golf Crossing		PASSIVE	55	12	8	30	1	2	1	0.018	5	0	0.014	0.010
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	55	12	8	30	1	2	2	0.018	5	0	0.014	0.010
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	200	12	8	35	1	1	2	0.056	5	0	0.037	0.026
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	950	12	8	35	1	1	2	0.066	5	2	0.189	0.100
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	39	12	8	35	1	2	1	0.017	5	0	0.013	0.009
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	180	12	8	35	1	2	2	0.030	5	0	0.021	0.015
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	FLASHING LIGHTS	500	12	8	35	2	1	2	0.061	5	0	0.039	0.021
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	380	12	8	35	2	1	2	0.071	5	0	0.044	0.032
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	4050	12	8	35	2	1	4	0.088	5	0	0.052	0.026
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	780	12	8	35	1	1	2	0.093	5	0	0.054	0.039
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	480	12	8	35	1	1	2	0.078	5	0	0.047	0.034
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	380	12	8	30	1	1	2	0.069	5	0	0.043	0.031
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	25	12	8	30	1	2	1	0.014	5	0	0.010	0.007
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	1300	12	8	35	1	1	2	0.075	5	1	0.123	0.065
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	200	12	8	35	1	2	2	0.031	5	0	0.022	0.016
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	50	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	2300	12	8	35	3	1	4	0.086	5	0	0.051	0.025
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	670	12	8	35	1	1	2	0.088	5	1	0.134	0.096
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	2750	12	8	35	1	1	2	0.051	5	0	0.034	0.017
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	610	12	8	35	1	1	2	0.085	5	0	0.051	0.036
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	360	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	860	12	8	35	2	1	2	0.096	5	0	0.056	0.040
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	7900	12	8	30	1	1	2	0.158	5	0	0.077	0.041
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	60	12	8	35	1	2	2	0.020	5	0	0.015	0.011
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	540	12	8	35	1	1	2	0.081	5	0	0.049	0.035
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	45	12	8	35	1	2	2	0.018	5	0	0.013	0.010
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	135	12	8	35	2	1	2	0.049	5	0	0.033	0.023
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	2	2	0.035	5	2	0.144	0.103
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	0	0.041	0.029
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	1	2	0.063	5	0	0.041	0.029
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	1	0.113	0.081
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	3300	12	8	35	1	1	2	0.110	5	1	0.150	0.079
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	500	12	8	35	1	1	2	0.079	5	0	0.048	0.034

Pre-Construction Accident Prediction Summary
Minnesota 100 NMT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	10	12	8	35	1	2	2	0.010	5	0	0.008	0.006
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	310	12	8	35	1	1	2	0.066	5	0	0.042	0.030
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	49	12	8	35	1	2	2	0.018	5	0	0.014	0.010
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	570	12	8	35	1	1	2	0.083	5	0	0.050	0.036
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	380	12	8	35	3	2	1	0.039	5	0	0.027	0.019
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	550	12	8	35	1	1	2	0.082	5	1	0.129	0.092
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	175	12	8	35	1	1	2	0.053	5	0	0.035	0.025
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	80	12	8	35	1	2	2	0.022	5	0	0.016	0.012
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	4700	12	8	35	1	1	4	0.183	5	1	0.192	0.102
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	365	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	155	12	8	35	1	1	2	0.051	5	0	0.034	0.024
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	1500	12	8	35	1	1	2	0.080	5	0	0.048	0.026
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	200	12	7.5	35	1	1	2	0.056	5	0	0.037	0.026
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	200	12	7.5	35	1	2	1	0.031	5	0	0.022	0.016
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	3515	12	8	35	1	1	2	0.054	5	0	0.036	0.018
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	2000	12	7.5	35	1	1	2	0.046	5	0	0.031	0.015
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																		
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	2515	14	9	35	4	1	4	0.273	5	0	0.104	0.055
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	6800	14	9	35	3	1	4	0.339	5	0	0.115	0.061
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	5600	14	9	35	1	1	2	0.148	5	0	0.074	0.039
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	125	14	9	35	1	1	2	0.031	5	0	0.022	0.012
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	2700	14	9	35	1	1	2	0.110	5	1	0.150	0.079
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	70	14	9	35	1	2	2	0.023	5	1	0.070	0.050
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	290	14	9	35	1	1	4	0.070	5	0	0.044	0.031
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	100	14	9	35	1	1	4	0.047	5	0	0.032	0.023
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	555	14	9	35	1	1	2	0.089	5	1	0.135	0.096
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	55	14	9	35	1	2	2	0.021	5	2	0.120	0.086
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	10	14	9	35	1	2	1	0.011	5	0	0.009	0.006
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	500	14	9	35	1	1	2	0.086	5	0	0.051	0.037
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	2000	14	9	35	1	1	2	0.097	5	0	0.056	0.030
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	200	14	9	35	1	1	2	0.061	5	1	0.111	0.079
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	2700	14	9	35	1	1	2	0.160	5	0	0.078	0.056
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	7900	14	9	20	1	1	2	0.171	5	0	0.081	0.043
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																		
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	1050	10	6	20	1	1	2	0.063	5	0	0.040	0.021
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	2700	10	6	20	3	1	2	0.063	5	0	0.040	0.020
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	650	10	6	20	1	1	2	0.051	5	0	0.034	0.018
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	2600	10	6	20	1	1	2	0.091	5	1	0.136	0.072
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	810	10	6	20	1	1	2	0.076	5	0	0.047	0.033
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	190	10	6	35	1	2	2	0.028	5	0	0.020	0.014

Pre-Construction Accident Prediction Summary
Minnesota 100 NMT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	20	10	6.25	35	1	1	2	0.022	5	0	0.016	0.011
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	110	10	6	35	1	2	2	0.022	5	0	0.016	0.012
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	1100	10	6	20	4	1	2	0.085	5	0	0.051	0.036
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	1900	10	6	20	3	1	2	0.056	5	0	0.037	0.018
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	380	10	6	20	1	2	2	0.032	5	0	0.022	0.016
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	275	10	6	35	1	1	2	0.057	5	1	0.107	0.077
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	565	10	6	35	1	1	2	0.075	5	1	0.123	0.088
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	235	10	6	35	1	2	2	0.030	5	0	0.021	0.015
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	85	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	73	10	6	35	1	2	2	0.019	5	0	0.014	0.010
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	39	10	6	35	1	1	2	0.028	5	0	0.020	0.014
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	100	10	6	20	1	2	1	0.019	5	0	0.014	0.010
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	52	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	970	10	6	35	2	1	2	0.091	5	0	0.054	0.038
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	60	10	6	35	3	1	2	0.033	5	0	0.023	0.017
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	55	10	6	35	3	2	1	0.017	5	0	0.013	0.009
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	80	10	6	35	1	1	2	0.036	5	0	0.025	0.018
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	750	10	6	35	1	1	2	0.055	5	0	0.036	0.019
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	100	10	6	20	1	2	2	0.019	5	0	0.014	0.010
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	115	10	6	20	1	2	2	0.020	5	0	0.015	0.011
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	50	10	6	20	1	1	2	0.027	5	1	0.075	0.054
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	5300	10	6	20	1	1	4	0.175	5	0	0.082	0.044
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	630	10	6.25	20	1	2	2	0.038	5	0	0.027	0.019
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	800	10	6	20	1	1	2	0.032	5	0	0.023	0.011
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	650	10	6	20	4	1	2	0.070	5	0	0.044	0.031
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	770	10	6	20	6	1	2	0.144	5	1	0.171	0.091
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	1400	10	6	20	1	1	2	0.070	5	0	0.044	0.023
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	1200	10	6	20	2	1	2	0.088	5	2	0.215	0.154
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	630	10	6	20	1	1	2	0.069	5	1	0.118	0.085
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	1750	10	6	35	1	1	2	0.077	5	1	0.125	0.066
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	970	10	6	35	1	1	2	0.061	5	0	0.039	0.021
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	3500	10	6	35	1	1	2	0.103	5	0	0.058	0.031
193560N	016740	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	630	10	6	35	1	2	2	0.043	5	1	0.093	0.066
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	60	10	6	35	1	2	2	0.018	5	0	0.013	0.010
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	80	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	355	10	6	35	1	1	2	0.063	5	0	0.040	0.029
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	780	10	6	35	1	1	2	0.084	5	0	0.050	0.036
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	116	10	6	35	1	2	2	0.023	5	1	0.070	0.050
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	3100	10	6	20	4	1	2	0.173	5	0	0.082	0.043
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	380	10	6	20	4	1	2	0.073	5	0	0.045	0.024
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	900	10	6	20	1	1	2	0.079	5	0	0.048	0.034
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	580	10	6	20	1	1	2	0.067	5	1	0.116	0.083
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008

Pre-Construction Accident Prediction Summary
Minnesota 100 NMT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	600	10	6	35	1	1	2	0.076	5	2	0.202	0.144
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	130	10	6	35	1	1	2	0.043	5	0	0.030	0.021
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	380	10	6	35	1	2	2	0.036	5	0	0.025	0.018
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	48	10	6	35	1	2	2	0.017	5	0	0.012	0.009
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	480	10	6	35	1	1	2	0.045	5	0	0.031	0.016
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	1250	10	6.25	35	1	1	2	0.100	5	1	0.143	0.102
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	200	10	6.25	35	1	2	2	0.028	5	0	0.020	0.014
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	380	10	6	20	3	1	2	0.058	5	0	0.037	0.027
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	1650	10	6	20	2	1	2	0.091	5	0	0.053	0.028
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	1000	10	6	20	3	1	2	0.082	5	1	0.129	0.092
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	600	10	6	20	1	1	2	0.050	5	0	0.033	0.018
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	160	10	6	30	1	1	2	0.045	5	0	0.031	0.022
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	56	10	6	20	1	2	2	0.016	5	0	0.012	0.008
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	146	10	6	20	1	2	2	0.022	5	0	0.016	0.012
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	1300	10	6	20	4	1	2	0.121	5	0	0.065	0.035
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	380	10	6	20	4	2	2	0.032	5	0	0.022	0.016
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	73	10	6	40	1	2	2	0.020	5	0	0.015	0.011
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	380	10	6	35	3	1	2	0.060	5	0	0.039	0.021
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	1300	10	6	35	2	1	2	0.083	5	0	0.050	0.026
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	99	10	6	35	1	2	2	0.022	5	0	0.016	0.011
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	510	10	6	35	2	1	2	0.056	5	0	0.037	0.019
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	320	10	6	35	1	1	2	0.061	5	0	0.039	0.028
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	125	10	6	35	1	1	2	0.043	5	0	0.029	0.021
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	44	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	530	10	6	35	1	1	2	0.073	5	0	0.045	0.032
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	49	10	6	35	1	2	2	0.017	5	1	0.062	0.045
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	900	10	6	35	2	1	2	0.071	5	0	0.044	0.023
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																		
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	1000	8	5	35	2	1	2	0.066	5	0	0.042	0.022
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	55	8	5	35	1	2	2	0.015	5	0	0.012	0.008
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	55	8	5	20	1	2	2	0.014	5	0	0.010	0.007
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	37	8	5	20	1	2	2	0.012	5	0	0.009	0.006
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	1450	8	5	30	5	1	4	0.084	5	0	0.050	0.025
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	2200	8	5	30	2	1	2	0.046	5	1	0.096	0.047
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	650	10	6	30	1	1	2	0.076	5	0	0.047	0.033
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	320	10	6	30	1	1	2	0.058	5	2	0.178	0.128
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	225	10	6	30	1	1	2	0.051	5	0	0.034	0.024

Pre-Construction Accident Prediction Summary
Minnesota 100 NMT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	1350	10	6	30	1	1	2	0.069	5	0	0.043	0.023
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	155	10	6	30	1	1	2	0.045	5	0	0.030	0.022
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	73	10	6	30	1	2	2	0.019	5	0	0.014	0.010
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	5	10	6	30	1	2	2	0.007	5	0	0.005	0.004
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	1050	10	6	35	2	1	2	0.076	5	1	0.124	0.065
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	710	10	6	30	1	1	2	0.053	5	0	0.035	0.019
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	38	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	45	10	6	30	1	2	2	0.016	5	0	0.012	0.008
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	495	10	6	30	1	1	2	0.046	5	0	0.031	0.016
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	55	10	6	30	1	1	2	0.030	5	0	0.022	0.016
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	50	10	6	30	1	1	2	0.029	5	0	0.021	0.015
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	16	10	6	30	1	2	2	0.011	5	0	0.008	0.006
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	15	10	6	30	1	2	2	0.010	5	0	0.008	0.006
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	380	10	6	30	1	2	2	0.034	5	0	0.024	0.017
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	380	10	6	30	1	1	2	0.062	5	1	0.112	0.080
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	3150	10	6	30	2	1	2	0.056	5	0	0.037	0.018
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	1000	10	6	30	2	1	2	0.040	5	0	0.028	0.014
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	59	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	95	10	6	30	1	2	2	0.020	5	0	0.015	0.011
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	1100	10	6	30	1	1	2	0.035	5	0	0.025	0.012
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	450	10	6	30	1	1	2	0.066	5	1	0.115	0.083
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	450	10	6	30	1	1	2	0.044	5	0	0.030	0.016
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	50	10	6	30	1	2	2	0.016	5	0	0.012	0.009
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	150	10	6	30	1	1	2	0.044	5	0	0.030	0.021
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	23	10	6	30	1	2	2	0.012	5	0	0.009	0.007
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	75	10	6	30	1	1	2	0.034	5	0	0.024	0.017
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	720	10	6	30	1	2	2	0.043	5	0	0.030	0.021
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	40	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	110	10	6	30	1	1	2	0.039	5	0	0.027	0.019
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	44	10	6	30	1	2	2	0.015	5	0	0.012	0.008

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																			
19317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	37	23.13	49	2	2	1	0.087	5	0	0.051	0.037
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	37	23.13	49	2	2	1	0.049	5	0	0.033	0.024
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	37	23	49	1	1	2	0.177	5	0	0.083	0.044
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1750	37	23	49	1	1	2	0.153	5	0	0.076	0.040
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	55	37	23	25	1	2	2	0.033	5	0	0.023	0.017
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	37	23	49	1	1	2	0.156	5	0	0.077	0.041
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	37	23	49	1	1	2	0.074	5	0	0.046	0.023
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																			
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	37	23.13	49	1	2	1	0.040	5	0	0.027	0.020
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	37	23	49	1	1	2	0.116	5	0	0.063	0.045
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	37	23	49	1	1	2	0.119	5	2	0.248	0.131
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	37	23.13	49	1	2	1	0.035	5	0	0.024	0.017
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	37	23	49	1	2	2	0.061	5	0	0.039	0.028
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	37	23.13	49	2	2	2	0.089	5	0	0.053	0.038
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	37	23	49	2	1	2	0.147	5	0	0.074	0.053
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	37	23	49	2	1	4	0.149	5	0	0.075	0.037
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	37	23	49	1	1	2	0.191	5	0	0.087	0.062
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	37	23	49	1	1	2	0.160	5	0	0.078	0.056
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	37	23	49	1	2	2	0.030	5	0	0.021	0.015
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	37	23	49	1	2	2	0.030	5	0	0.021	0.015
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	37	23	49	1	2	1	0.030	5	0	0.021	0.015
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	37	23	49	1	1	2	0.135	5	1	0.166	0.088
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	37	23	49	1	2	2	0.064	5	0	0.041	0.029
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	37	23	49	3	1	4	0.146	5	0	0.074	0.036
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	37	23	49	2	1	2	0.181	5	1	0.191	0.137
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	37	23	49	1	1	2	0.086	5	0	0.051	0.025
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	37	23	49	1	1	2	0.175	5	0	0.082	0.059
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	37	23	49	1	1	2	0.144	5	0	0.073	0.052
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	37	23	49	2	1	2	0.198	5	0	0.088	0.063
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	37	23	49	1	1	2	0.284	5	0	0.106	0.056
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	37	23	49	1	2	2	0.041	5	0	0.028	0.020
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	37	23	49	2	1	2	0.167	5	0	0.080	0.057
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	37	23	49	1	2	2	0.037	5	0	0.026	0.018
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	37	23	49	2	1	2	0.100	5	0	0.057	0.041
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	2	0.207	0.148
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	2	1	2	0.147	5	0	0.074	0.053
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	2	1	2	0.147	5	1	0.173	0.124
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	37	23	49	1	1	2	0.198	5	1	0.199	0.105
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	37	23	49	1	1	2	0.162	5	0	0.079	0.056
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	37	23	49	1	2	2	0.021	5	0	0.016	0.011
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	37	23	49	1	1	2	0.136	5	0	0.070	0.050
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193367C	7780	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	37	23	49	1	1	2	0.170	5	0	0.081	0.058
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	37	23	49	3	2	1	0.081	5	0	0.049	0.035
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	37	23	49	1	1	2	0.168	5	1	0.185	0.132
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	175	37	23	49	2	1	2	0.110	5	0	0.061	0.044
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	37	23.13	49	2	2	2	0.040	5	0	0.027	0.020
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	37	23	49	1	2	2	0.045	5	0	0.031	0.022
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	37	23	49	1	1	4	0.330	5	1	0.245	0.130
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	37	23	49	1	1	2	0.145	5	0	0.073	0.052
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	37	23	49	1	1	2	0.105	5	0	0.059	0.042
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	37	23	49	1	1	2	0.143	5	0	0.073	0.039
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	37	23.125	49	1	1	2	0.116	5	0	0.063	0.045
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	37	23.125	49	1	2	1	0.064	5	0	0.041	0.029
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	37	23	49	1	1	2	0.092	5	0	0.054	0.027
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	37	23.125	49	1	1	2	0.078	5	0	0.048	0.023
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																			
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	37	23	49	4	1	4	0.454	5	0	0.129	0.068
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	37	23	49	3	1	4	0.564	5	0	0.139	0.073
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	37	23	49	1	1	2	0.246	5	0	0.099	0.053
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	125	37	23	49	1	1	2	0.052	5	0	0.034	0.018
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	37	23	49	1	1	2	0.183	5	1	0.192	0.102
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	70	37	23	49	1	2	2	0.043	5	1	0.093	0.067
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	290	37	23	49	2	1	4	0.133	5	0	0.069	0.050
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	37	23	49	2	1	4	0.090	5	0	0.053	0.038
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	37	23	49	1	1	2	0.169	5	1	0.185	0.132
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	2	0.151	0.108
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	37	23	49	1	2	1	0.021	5	0	0.016	0.011
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	37	23	49	1	1	2	0.162	5	0	0.079	0.056
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2000	37	23	49	1	1	2	0.161	5	0	0.078	0.042
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	37	23	49	1	1	2	0.116	5	1	0.154	0.110
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	37	23	49	1	1	2	0.303	5	0	0.110	0.078
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	7900	37	23	49	1	1	2	0.284	5	0	0.106	0.056
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																			
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	37	23	49	1	1	2	0.124	5	0	0.066	0.035
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	37	23	49	3	1	2	0.115	5	0	0.063	0.031
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	37	23	49	2	1	2	0.123	5	0	0.066	0.035
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	37	23	49	2	1	2	0.218	5	1	0.208	0.110
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	37	23	49	2	1	2	0.194	5	0	0.087	0.063

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	37	23	49	1	2	2	0.062	5	0	0.040	0.029
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	37	23	49	1	2	2	0.021	5	0	0.016	0.011
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	37	23.125	49	1	2	2	0.027	5	0	0.020	0.014
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	37	23	49	1	2	2	0.051	5	0	0.034	0.024
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	37	23.13	49	1	2	2	0.049	5	0	0.033	0.024
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	37	23	49	4	1	2	0.217	5	0	0.093	0.067
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	37	23	49	3	1	2	0.104	5	0	0.059	0.029
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	0	0.049	0.035
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	37	23	49	1	1	2	0.130	5	1	0.163	0.117
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	565	37	23	49	1	1	2	0.170	5	1	0.186	0.133
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	235	37	23	49	1	2	2	0.068	5	0	0.043	0.030
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100	37	23	49	1	2	2	0.049	5	0	0.033	0.024
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	85	37	23	49	1	2	2	0.046	5	0	0.031	0.022
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	37	23	49	1	2	2	0.044	5	0	0.030	0.021
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	37	23	49	1	1	2	0.063	5	0	0.040	0.029
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	PASSIVE	100	37	23.13	49	2	2	1	0.049	5	0	0.033	0.024
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	37	23	49	1	2	2	0.039	5	0	0.027	0.019
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	37	23	49	2	1	2	0.207	5	0	0.091	0.065
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	37	23	49	3	1	2	0.074	5	0	0.046	0.033
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	37	23	49	3	2	1	0.040	5	0	0.027	0.020
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	37	23	49	1	1	2	0.107	5	0	0.060	0.043
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	37	23	49	1	1	2	0.082	5	0	0.050	0.035
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	37	23	49	1	1	2	0.108	5	0	0.060	0.032
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	37	23	49	2	2	2	0.049	5	0	0.033	0.024
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	37	23	49	1	2	2	0.052	5	0	0.034	0.025
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	37	23	49	2	1	2	0.069	5	1	0.118	0.085
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	5300	37	23	49	1	1	4	0.347	5	0	0.116	0.062
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	37	23.13	49	1	2	2	0.097	5	0	0.056	0.040
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	37	23	49	1	1	2	0.060	5	0	0.039	0.019
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	650	37	23	49	4	1	2	0.179	5	0	0.083	0.060
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	37	23	49	6	1	2	0.284	5	1	0.232	0.123
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	37	23	49	1	1	2	0.139	5	0	0.072	0.038
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1200	37	23	49	2	1	2	0.224	5	2	0.326	0.233
193525A	165608	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	37	23	49	1	1	2	0.177	5	1	0.189	0.135
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	37	23	49	1	1	2	0.153	5	1	0.177	0.093
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	37	23	49	1	1	2	0.120	5	0	0.065	0.034
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500	37	23.125	49	1	1	2	0.203	5	0	0.090	0.047
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	37	23	49	1	2	2	0.097	5	1	0.141	0.101
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	60	37	23	49	1	2	2	0.041	5	0	0.028	0.020
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	37	23	49	1	2	2	0.035	5	0	0.025	0.018
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	37	23	49	1	2	2	0.045	5	0	0.031	0.022
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	355	37	23	49	1	1	2	0.143	5	0	0.073	0.052
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	37	23	49	1	1	2	0.191	5	0	0.087	0.062
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	160	37	23	49	1	1	2	0.107	5	0	0.060	0.043
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	37	23	49	1	2	2	0.052	5	1	0.102	0.073
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	37	23	49	4	1	2	0.343	5	0	0.116	0.061

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	380	37	23	49	4	1	2	0.145	5	0	0.073	0.039
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	900	37	23	49	1	1	2	0.202	5	0	0.089	0.064
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	580	37	23	49	1	1	2	0.172	5	1	0.186	0.134
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	37	23	49	2	2	2	0.035	5	0	0.025	0.018
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	600	37	23	49	2	1	2	0.174	5	2	0.293	0.210
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	37	23	49	1	1	2	0.099	5	0	0.057	0.041
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	0	0.049	0.035
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	480	37	23	49	1	1	2	0.090	5	0	0.053	0.028
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	37	23.125	49	1	1	2	0.228	5	1	0.212	0.152
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	37	23.125	49	1	2	2	0.064	5	0	0.041	0.029
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	37	23	49	3	1	2	0.147	5	0	0.074	0.053
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	37	23	49	2	1	2	0.181	5	0	0.084	0.044
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	1000	37	23	49	3	1	2	0.210	5	1	0.204	0.146
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	600	37	23	49	1	1	2	0.098	5	0	0.056	0.030
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	37	23	49	1	1	2	0.107	5	0	0.060	0.043
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	56	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	37	23	49	1	2	2	0.057	5	0	0.037	0.026
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	37	23	49	4	1	2	0.240	5	0	0.098	0.052
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	37	23	49	4	2	2	0.081	5	0	0.049	0.035
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	37	23	49	1	2	2	0.044	5	0	0.030	0.021
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	37	23	49	3	1	2	0.120	5	0	0.065	0.034
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	37	23	49	2	1	2	0.164	5	0	0.079	0.042
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	37	23	49	1	2	2	0.049	5	0	0.033	0.024
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	37	23	49	2	1	2	0.112	5	0	0.062	0.033
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	37	23	49	1	1	2	0.138	5	0	0.071	0.051
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	37	23	49	1	1	2	0.097	5	0	0.056	0.040
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	37	23	49	1	2	2	0.036	5	0	0.025	0.018
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	37	23	49	1	1	2	0.166	5	0	0.080	0.057
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	37	23	49	1	2	2	0.038	5	1	0.087	0.063
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	37	23	49	2	1	2	0.141	5	0	0.072	0.038
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																			
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	37	23	49	2	1	2	0.147	5	0	0.074	0.039
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	40	37	23	49	1	2	2	0.035	5	0	0.025	0.018
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	37	23	49	1	2	2	0.035	5	0	0.025	0.018
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	37	23	49	1	2	2	0.034	5	0	0.024	0.017
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	37	23	49	5	1	4	0.173	5	0	0.082	0.040
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	37	23	49	2	1	2	0.093	5	1	0.138	0.068
Segment 6																			

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Brookings to Tracy MP 226.6 to 290.0																			
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	37	23	49	1	1	2	0.179	5	0	0.083	0.060
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	37	23	49	2	1	2	0.138	5	2	0.265	0.189
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	37	23	49	2	1	2	0.121	5	0	0.065	0.047
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	37	23	49	1	1	2	0.137	5	0	0.071	0.038
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	37	23	49	1	1	2	0.105	5	0	0.059	0.042
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	37	23	49	1	2	2	0.044	5	0	0.030	0.021
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	37	23	49	1	2	2	0.016	5	0	0.012	0.009
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	37	23	49	2	1	2	0.150	5	1	0.175	0.093
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	37	23	49	1	1	2	0.105	5	0	0.059	0.031
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	37	23	49	1	2	2	0.034	5	0	0.024	0.017
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	37	23	49	1	2	2	0.037	5	0	0.026	0.018
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	37	23	49	1	1	2	0.091	5	0	0.053	0.028
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	37	23	49	1	1	2	0.072	5	0	0.045	0.032
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	37	23	49	1	1	2	0.069	5	0	0.043	0.031
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	37	23	49	2	2	2	0.025	5	0	0.018	0.013
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	37	23	49	2	2	2	0.024	5	0	0.018	0.013
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	0	0.049	0.035
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	1	0.173	0.124
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	37	23	49	2	1	2	0.104	5	0	0.059	0.029
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	37	23	49	2	1	2	0.074	5	0	0.046	0.023
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	37	23	49	1	2	2	0.041	5	0	0.028	0.020
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	37	23	49	1	2	2	0.048	5	0	0.032	0.023
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	37	23	40	1	1	2	0.066	5	0	0.042	0.020
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	37	23	49	1	1	2	0.156	5	1	0.178	0.128
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	37	23	49	1	1	2	0.087	5	0	0.052	0.027
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	37	23	49	1	1	2	0.104	5	0	0.059	0.042
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	37	23	49	1	2	2	0.029	5	0	0.021	0.015
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	37	23	49	1	1	2	0.080	5	0	0.049	0.035
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	37	23	49	1	2	2	0.102	5	0	0.058	0.042
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	37	23	49	1	2	2	0.035	5	0	0.025	0.018
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	37	23	49	2	1	2	0.093	5	0	0.054	0.039
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	37	23	49	2	2	2	0.036	5	0	0.025	0.018

Pre/Post-Construction Accident Prediction Comparison
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
Winona County																				
19317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	1	2	1	5	0	0.020	0.037	B	0.017	58	NO	NO
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	1	2	1	5	0	0.012	0.024	B	0.012	85	NO	NO
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	1	1	2	5	0	0.028	0.044	B	0.0160	63	NO	NO
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1075	1	1	2	5	0	0.025	0.040	B	0.0152	66	NO	NO
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	100	1	2	2	5	0	0.009	0.017	B	0.0076	131	NO	NO
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	1	1	2	5	0	0.025	0.041	B	0.0153	65	NO	NO
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	1	1	2	5	0	0.014	0.023	B	0.0089	112	NO	NO
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	1	2	1	5	0	0.010	0.020	B	0.010	103	NO	NO
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0097	103	NO	NO
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	1	1	2	5	0	0.026	0.045	B	0.0190	53	NO	NO
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	1	1	2	5	2	0.100	0.131	A	0.0312	32	YES	YES
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	1	2	1	5	0	0.009	0.017	B	0.008	119	NO	NO
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	1	2	2	5	0	0.015	0.028	B	0.0129	77	NO	NO
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	100	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	2	2	2	5	0	0.021	0.038	B	0.017	59	NO	NO
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	2	1	2	5	0	0.032	0.053	B	0.0212	47	NO	NO
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	2	1	4	5	0	0.026	0.037	B	0.0112	90	NO	NO
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	1	1	2	5	0	0.039	0.062	B	0.0233	43	NO	NO
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	1	1	2	5	0	0.034	0.056	B	0.0219	46	NO	NO
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	1	2	2	5	0	0.031	0.053	B	0.0221	45	NO	NO
							Total						2	0.514	0.842		0.3286	3	Number of crossings	
							Minimum							0.009	0.017		0.0076	131	in the County	22
							Maximum							0.100	0.131		0.0312	32		
Olmsted County																				
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	1	2	2	5	0	0.008	0.015	B	0.0073	136	NO	NO
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	1	2	2	5	0	0.008	0.015	B	0.0073	136	NO	NO
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	1	2	1	5	0	0.007	0.015	B	0.0076	131	NO	NO
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	1	1	2	5	1	0.065	0.088	B	0.0228	44	NO	NO
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	1	1	2	5	0	0.016	0.029	B	0.0133	75	NO	NO
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	1	2	2	5	0	0.010	0.019	B	0.0091	110	NO	NO
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	3	1	4	5	0	0.025	0.036	B	0.0111	90	NO	NO
							Total						1	0.139	0.218		0.0786	13	Number of crossings	
							Minimum							0.007	0.015		0.0073	136	in the County	7
							Maximum							0.065	0.088		0.0228	44		
Dodge County																				
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	1	1	2	5	1	0.096	0.137	A	0.0412	24	YES	YES
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	1	1	2	5	0	0.017	0.025	B	0.0086	116	NO	NO
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	1	1	2	5	0	0.036	0.059	B	0.0226	44	NO	NO
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	1	1	2	5	0	0.031	0.052	B	0.0210	48	NO	NO
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	2	1	2	5	0	0.040	0.063	B	0.0235	43	NO	NO
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	1	1	2	5	0	0.041	0.056	B	0.0153	65	NO	NO
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	1	2	2	5	0	0.011	0.020	B	0.0096	105	NO	NO
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	1	1	2	5	0	0.035	0.057	B	0.0223	45	NO	NO
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	1	1	2	5	0	0.010	0.018	B	0.0088	114	NO	NO
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	2	1	2	5	0	0.023	0.041	B	0.0176	57	NO	NO
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	2	0.103	0.148	A	0.0452	22	YES	YES
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	2	2	5	0	0.029	0.053	B	0.0239	42	NO	NO
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.029	0.053	B	0.0239	42	NO	NO
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	2	1	2	5	1	0.081	0.124	B	0.0431	23	NO	NO
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	1	1	2	5	0	0.032	0.053	B	0.0212	47	NO	NO
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.032	0.053	B	0.0212	47	NO	NO
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	1	1	2	5	1	0.079	0.105	B	0.0260	38	NO	NO
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	1	1	2	5	0	0.034	0.056	B	0.0220	45	NO	NO
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10			2		0	0.006	0.011	B	0.0055	182	NO	NO
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	1	1	2	5	0	0.030	0.050	B	0.0205	49	NO	NO
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	1	2	2	5	0	0.010	0.019	B	0.0090	111	NO	NO
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	1	1	2	5	0	0.036	0.058	B	0.0224	45	NO	NO
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	3	1	1	5	0	0.019	0.035	B	0.0155	64	NO	NO
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	1	1	2	5	1	0.092	0.132	A	0.0402	25	YES	YES
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
							Total						6	1.002	1.578		0.5767	2	Number of crossings	
							Minimum							0.006	0.011		0.0055	182	in the County	29
							Maximum							0.103	0.148		0.0452	22		
Steele County																				
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	250	1	1	2	5	0	0.025	0.044	B	0.0185	54	NO	NO
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.009	107	NO	NO
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	1	2	2	5	0	0.012	0.022	B	0.0104	96	NO	NO
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	1	1	4	5	1	0.102	0.130	A	0.0278	36	YES	YES
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	1	1	2	5	0	0.031	0.052	B	0.0210	48	NO	NO
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.020	B	0.0093	107	NO	NO
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	1	1	2	5	0	0.024	0.042	B	0.0181	55	NO	NO
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	1	1	2	5	0	0.026	0.039	B	0.0130	77	NO	NO
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200			2		0	0.026	0.045	B	0.0190	53	NO	NO
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200			1		0	0.016	0.029	B	0.0133	75	NO	NO
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	1	1	2	5	0	0.018	0.027	B	0.0089	112	NO	NO
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	2000	11	2	0.625	0	0.015	0.023	B	0.0081	123	NO	NO
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	4	1	4	5	0	0.055	0.068	B	0.0130	77	NO	NO
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	3	1	4	5	0	0.061	0.073	B	0.0124	81	NO	NO
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	1	1	2	5	0	0.039	0.053	B	0.0131	76	NO	NO
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2000	1	1	2	5	0	0.012	0.018	B	0.0064	156	NO	NO
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	1	1	2	5	1	0.079	0.102	B	0.0222	45	NO	NO
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	2000	1	2	2	5	1	0.050	0.067	B	0.0164	61	NO	NO
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	145	1	2	4	5	0	0.031	0.050	B	0.0183	55	NO	NO
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	1	2	2	5	0	0.023	0.038	B	0.0150	67	NO	NO
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	1	1	2	5	1	0.096	0.132	A	0.0361	28	YES	YES
							Total						4	0.773	1.112		0.3391	3	Number of crossings	
							Minimum							0.010	0.018		0.0064	156	in the County	22
							Maximum							0.102	0.132		0.0361	28		
Waseca County																				
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	1	2	2	5	2	0.086	0.108	B	0.0221	45	NO	NO
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	1	2	1	5	0	0.006	0.011	B	0.0050	199	NO	NO
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	1	1	2	5	0	0.037	0.056	B	0.0198	51	NO	NO
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2800	1	1	2	5	0	0.030	0.042	B	0.0119	84	NO	NO
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	1	1	2	5	1	0.079	0.110	B	0.0309	32	NO	NO
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	1	1	2	5	0	0.056	0.078	B	0.0226	44	NO	NO
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	8900	1	1	2	5	0	0.043	0.056	B	0.0133	75	NO	NO
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	1	1	2	5	0	0.021	0.035	B	0.0139	72	NO	NO
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	3	1	2	5	0	0.020	0.031	B	0.0114	88	NO	NO
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	1	1	2	5	0	0.018	0.035	B	0.0169	59	NO	NO
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	1	1	2	5	1	0.072	0.110	B	0.0379	26	NO	NO
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	1	2	2	5	0	0.033	0.063	B	0.0292	34	NO	NO
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.020	B	0.0112	89	NO	NO
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	1	2	2	5	0	0.014	0.029	B	0.0144	69	NO	NO
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	1	2	2	5	0	0.005	0.011	B	0.0060	167	NO	NO
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20			2		0	0.011	0.014	B	0.0026	386	NO	NO
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	1	2	2	5	0	0.012	0.024	B	0.0125	80	NO	NO
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	1	2	2	5	0	0.011	0.024	B	0.012	82	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	4	1	2	5	0	0.036	0.067	B	0.0302	33	NO	NO
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	3	1	2	5	0	0.018	0.029	B	0.0108	92	NO	NO
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	1	2	2	5	0	0.027	0.053	B	0.0262	38	NO	NO
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	1	2	2	5	0	0.016	0.035	B	0.0189	53	NO	NO
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	1	1	2	5	1	0.077	0.117	B	0.0402	25	NO	NO
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	460	1	1	2	5	1	0.088	0.133	A	0.0449	22	YES	YES
							Total						6	0.8343	1.3094		0.4750	2	Number of crossings	
							Minimum							0.0051	0.0111		0.0026	386	in the County	25
							Maximum							0.088	0.133		0.0449	22		
Blue Earth County																				
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	90	1	2	2	5	0	0.015	0.030	B	0.0152	66	NO	NO
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	10			2		0	0.011	0.024	B	0.0121	82	NO	NO
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	75	1	2	2	5	0	0.011	0.022	B	0.0116	86	NO	NO
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	1	2	2	5	0	0.010	0.021	B	0.0111	90	NO	NO
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	1	2	2	5	0	0.014	0.029	B	0.0146	69	NO	NO
193509R	14720	MN	BLUE EARTH	Twp. 461	MANKATO	PASSIVE	PASSIVE	100	1	2	1	5	0	0.010	0.024	B	0.013	75	NO	NO
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	1	2	2	5	0	0.009	0.019	B	0.0101	99	NO	NO
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	2	1	2	5	0	0.038	0.065	B	0.0266	38	NO	NO
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	3	1	2	5	0	0.017	0.033	B	0.0162	62	NO	NO
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	3	2	1	5	0	0.009	0.020	B	0.0102	98	NO	NO
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	1	1	2	5	0	0.023	0.043	B	0.0202	50	NO	NO
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	1	1	2	5	0	0.018	0.035	B	0.0174	58	NO	NO
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	1	1	2	5	0	0.019	0.032	B	0.0130	77	NO	NO
							Total						0	0.205	0.397		0.1916	5	Number of crossings	
							Minimum							0.009	0.019		0.0101	99	in the County	13
							Maximum							0.038	0.065		0.0266	38		
Brown County																				
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	1	2	2	5	0	0.010	0.024	B	0.013	75	NO	NO
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	1	2	2	5	0	0.011	0.025	B	0.0138	72	NO	NO
192523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	1	1	2	5	1	0.054	0.085	B	0.031	33	NO	NO
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	4500	1	2	4	5	0	0.044	0.062	B	0.0179	56	NO	NO
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	1	2	2	5	0	0.019	0.040	B	0.021	47	NO	NO
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	1		2		0	0.011	0.019	B	0.0077	130	NO	NO
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	550	4	1	2	5	0	0.031	0.060	B	0.0283	35	NO	NO
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	600	6	1	2	5	1	0.091	0.123	B	0.0318	31	NO	NO
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	1	1	2	5	0	0.023	0.038	B	0.0146	68	NO	NO
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1100	2	1	2	5	2	0.154	0.233	A	0.0792	13	YES	YES
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	1	1	2	5	1	0.085	0.135	A	0.0508	20	YES	YES
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	1	1	2	5	1	0.066	0.093	B	0.0273	37	NO	NO
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	1	1	2	5	0	0.021	0.034	B	0.0137	73	NO	NO
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	2			0		0	0.031	0.047	B	0.0166	60	NO	NO
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	1	2	2	5	1	0.066	0.101	B	0.0345	29	NO	NO
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	75	1	2	2	5	0	0.010	0.020	B	0.0105	95	NO	NO
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.018	B	0.0093	108	NO	NO
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	1	2	2	5	0	0.011	0.022	B	0.0114	88	NO	NO
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	790	1	1	2	5	0	0.029	0.052	B	0.0233	43	NO	NO
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	1	1	2	5	0	0.036	0.062	B	0.0260	38	NO	NO
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	140	1	2	2	5	0	0.023	0.043	B	0.0202	50	NO	NO
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	1	2	2	5	1	0.050	0.073	B	0.0228	44	NO	NO
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3400	4	1	2	5	0	0.043	0.061	B	0.0179	56	NO	NO
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	4	1	2	5	0	0.024	0.039	B	0.0149	67	NO	NO
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	1200	1	1	2	5	0	0.034	0.064	B	0.0295	34	NO	NO
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	850	1	1	2	5	1	0.083	0.134	A	0.0502	20	YES	YES
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.020	B	0.0112	89	NO	NO
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.018	B	0.0093	108	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	300	1	1	2	5	2	0.144	0.210	A	0.0654	15	YES	YES
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	1	1	2	5	0	0.021	0.041	B	0.0193	52	NO	NO
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	1	2	2	5	0	0.018	0.035	B	0.0171	58	NO	NO
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	1	2	2	5	0	0.009	0.019	B	0.0098	102	NO	NO
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	370	1	1	2	5	0	0.016	0.028	B	0.0117	85	NO	NO
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250			2		1	0.102	0.152	A	0.0491	20	YES	YES
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200			2		0	0.014	0.029	B	0.0146	68	NO	NO
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	1	1	2	5	0	0.027	0.053	B	0.0262	38	NO	NO
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	3	1	2	5	0	0.027	0.053	B	0.0262	38	NO	NO
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	2	1	2	5	0	0.028	0.044	B	0.0161	62	NO	NO
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	770	3	1	2	5	1	0.092	0.146	A	0.0538	19	YES	YES
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	1	2	2	5	0	0.027	0.053	B	0.0262	38	NO	NO
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	410	1	1	2	5	0	0.018	0.030	B	0.0123	81	NO	NO
193710U	019760	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	160	1	1	2	5	0	0.022	0.043	B	0.0209	48	NO	NO
							Total						13	1.707	2.795		1.0881	1	Number of crossings	
							Minimum							0.008	0.018		0.0077	130	in the County	48
							Maximum							0.154	0.233		0.0792	13		
Redwood County																				
193711B	020050	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	56	1	2	2	5	0	0.008	0.020	B	0.0112	89	NO	NO
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	1	2	2	5	0	0.012	0.026	B	0.0148	68	NO	NO
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	4	1	2	5	0	0.035	0.052	B	0.0173	58	NO	NO
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	4	2	2	5	0	0.016	0.035	B	0.0189	53	NO	NO
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	1	2	2	5	0	0.011	0.021	B	0.0107	93	NO	NO
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	3	1	2	5	0	0.021	0.034	B	0.0137	73	NO	NO
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	1	2	5	0	0.026	0.042	B	0.0156	64	NO	NO
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	1	2	2	5	0	0.011	0.024	B	0.0121	83	NO	NO
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	2	1	2	5	0	0.019	0.033	B	0.0132	76	NO	NO
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	1	1	2	5	0	0.028	0.051	B	0.0229	44	NO	NO
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0102	98	NO	NO
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	1	2	2	5	0	0.021	0.040	B	0.0192	52	NO	NO
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	1	2	2	5	0	0.009	0.018	B	0.0096	105	NO	NO
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	1	2	2	5	0	0.032	0.057	B	0.0247	40	NO	NO
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	1	2	2	5	1	0.045	0.063	B	0.0178	56	NO	NO
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	2	1	2	5	0	0.023	0.038	B	0.0147	68	NO	NO
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	2	1	2	5	0	0.022	0.039	B	0.0170	59	NO	NO
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.007	0.018	B	0.0102	98	NO	NO
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	1	2	2	5	0	0.007	0.018	B	0.0102	98	NO	NO
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.020	B	0.0112	89	NO	NO
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	1	2	2	5	0	0.007	0.020	B	0.0121	83	NO	NO
193697H	022510	MN	REDWOOD	TWP 18	TRACY	PASSIVE	PASSIVE	37	1	2	2	5	0	0.006	0.017	B	0.0107	93	NO	NO
							Total						1	0.404	0.743		0.3384	3	Number of crossings	
							Minimum							0.006	0.017		0.0096	105	in the County	24
							Maximum							0.045	0.063		0.0247	40		
Lyon County																				
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	5	1	4	5	0	0.025	0.040	B	0.0154	65	NO	NO
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	2	1	2	5	1	0.047	0.068	B	0.0209	48	NO	NO
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	1	1	2	5	0	0.033	0.060	B	0.0264	38	NO	NO
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	1	1	2	5	2	0.128	0.189	A	0.0618	16	YES	YES
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	1	1	2	5	0	0.024	0.047	B	0.0223	45	NO	NO
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	1	1	2	5	0	0.023	0.038	B	0.0145	69	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT C	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	1	1	2	5	0	0.022	0.042	B	0.0208	48	NO	NO
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	1	2	2	5	0	0.010	0.021	B	0.0115	87	NO	NO
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	1	2	2	5	0	0.004	0.009	B	0.0049	204	NO	NO
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	1	2	5	1	0.065	0.093	B	0.0271	37	NO	NO
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	1	1	2	5	0	0.019	0.031	B	0.0128	78	NO	NO
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	1	2	2	5	0	0.008	0.017	B	0.0094	106	NO	NO
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	1	2	2	5	0	0.008	0.018	B	0.0099	101	NO	NO
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	1	1	2	5	0	0.016	0.028	B	0.0118	85	NO	NO
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.016	0.032	B	0.0164	61	NO	NO
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	1	1	2	5	0	0.015	0.031	B	0.0160	62	NO	NO
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	1	2	2	5	0	0.006	0.013	B	0.0072	139	NO	NO
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	1	2	2	5	0	0.006	0.013	B	0.0071	142	NO	NO
							Total						4	0.537	0.927		0.3902	3	Number of crossings	
							Minimum							0.004	0.009		0.0049	204	in the County	25
							Maximum							0.128	0.189		0.0618	16		
Lincoln County																				
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.017	0.035	B	0.0177	56	NO	NO
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	1	1	2	5	1	0.080	0.124	B	0.0440	23	NO	NO
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	2	1	2	5	0	0.018	0.029	B	0.0108	92	NO	NO
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	2	1	2	5	0	0.014	0.023	B	0.0089	112	NO	NO
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	1	2	2	5	0	0.009	0.020	B	0.0108	93	NO	NO
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	1	2	2	5	0	0.011	0.023	B	0.0124	81	NO	NO
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	1	1	2	5	0	0.012	0.020	B	0.0082	122	NO	NO
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	1	1	2	5	1	0.083	0.128	A	0.0452	22	YES	YES
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.020	B	0.0106	95	NO	NO
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	1	1	2	5	0	0.016	0.027	B	0.0115	87	NO	NO
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	1	2	2	5	0	0.009	0.019	B	0.0103	97	NO	NO
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	1	1	2	5	0	0.021	0.042	B	0.0206	49	NO	NO
193772S	026760	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	1	2	2	5	0	0.007	0.015	B	0.0081	124	NO	NO
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	1	2	2	5	0	0.017	0.035	B	0.0177	57	NO	NO
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	1	2	2	5	0	0.021	0.042	B	0.0204	49	NO	NO
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.018	B	0.0096	104	NO	NO
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	1	1	2	5	0	0.019	0.039	B	0.0193	52	NO	NO
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	1	2	2	5	0	0.008	0.018	B	0.0099	101	NO	NO
							Total						2	0.424	0.773		0.3487	3	Number of crossings	
							Minimum							0.007	0.015		0.0081	124	in the County	23
							Maximum							0.083	0.128		0.0452	22		

Pre-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																		
193171H	000520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	460	10	6	40	1	2	1	0.040	5	0	0.027	0.020
193197K	000620	MN	WINONA	Canton Mills	MINNESOTA CITY	PASSIVE	100	10	6	40	1	2	1	0.023	5	0	0.017	0.012
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	2500	10	6	30	1	1	2	0.089	5	0	0.053	0.028
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	1750	10	6	30	1	1	2	0.077	5	0	0.047	0.025
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	1850	10	6	30	1	1	2	0.079	5	0	0.048	0.025
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	1700	10	6	30	1	1	2	0.040	5	0	0.028	0.014
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																		
193210W	1900	MN	WINONA	Golf Crossing		PASSIVE	55	12	8	30	1	2	1	0.018	5	0	0.014	0.010
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	55	12	8	30	1	2	2	0.018	5	0	0.014	0.010
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	200	12	8	35	1	1	2	0.056	5	0	0.037	0.026
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	950	12	8	35	1	1	2	0.066	5	2	0.189	0.100
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	39	12	8	35	1	2	1	0.017	5	0	0.013	0.009
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	180	12	8	35	1	2	2	0.030	5	0	0.021	0.015
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	FLASHING LIGHTS	500	12	8	35	2	1	2	0.061	5	0	0.039	0.021
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	380	12	8	35	2	1	2	0.071	5	0	0.044	0.032
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	4050	12	8	35	2	1	4	0.088	5	0	0.052	0.026
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	780	12	8	35	1	1	2	0.093	5	0	0.054	0.039
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	480	12	8	35	1	1	2	0.078	5	0	0.047	0.034
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	380	12	8	30	1	1	2	0.069	5	0	0.043	0.031
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	25	12	8	30	1	2	1	0.014	5	0	0.010	0.007
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	1300	12	8	35	1	1	2	0.075	5	1	0.123	0.065
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	200	12	8	35	1	2	2	0.031	5	0	0.022	0.016
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	50	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	2300	12	8	35	3	1	4	0.086	5	0	0.051	0.025
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	670	12	8	35	1	1	2	0.088	5	1	0.134	0.096
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	2750	12	8	35	1	1	2	0.051	5	0	0.034	0.017
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	610	12	8	35	1	1	2	0.085	5	0	0.051	0.036
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	360	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	860	12	8	35	2	1	2	0.096	5	0	0.056	0.040
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	7900	12	8	30	1	1	2	0.158	5	0	0.077	0.041
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	60	12	8	35	1	2	2	0.020	5	0	0.015	0.011
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	540	12	8	35	1	1	2	0.081	5	0	0.049	0.035
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	45	12	8	35	1	2	2	0.018	5	0	0.013	0.010
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	135	12	8	35	2	1	2	0.049	5	0	0.033	0.023
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	2	2	0.035	5	2	0.144	0.103
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	0	0.041	0.029
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	1	2	0.063	5	0	0.041	0.029
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	1	0.113	0.081
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032

Pre-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	3300	12	8	35	1	1	2	0.110	5	1	0.150	0.079
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	500	12	8	35	1	1	2	0.079	5	0	0.048	0.034
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	10	12	8	35	1	2	2	0.010	5	0	0.008	0.006
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	310	12	8	35	1	1	2	0.066	5	0	0.042	0.030
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	49	12	8	35	1	2	2	0.018	5	0	0.014	0.010
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	570	12	8	35	1	1	2	0.083	5	0	0.050	0.036
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	380	12	8	35	3	2	1	0.039	5	0	0.027	0.019
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	550	12	8	35	1	1	2	0.082	5	1	0.129	0.092
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	175	12	8	35	1	1	2	0.053	5	0	0.035	0.025
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	80	12	8	35	1	2	2	0.022	5	0	0.016	0.012
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	4700	12	8	35	1	1	4	0.183	5	1	0.192	0.102
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	365	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	155	12	8	35	1	1	2	0.051	5	0	0.034	0.024
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	1500	12	8	35	1	1	2	0.080	5	0	0.048	0.026
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	200	12	7.5	35	1	1	2	0.056	5	0	0.037	0.026
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	200	12	7.5	35	1	2	1	0.031	5	0	0.022	0.016
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	3515	12	8	35	1	1	2	0.054	5	0	0.036	0.018
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	2000	12	7.5	35	1	1	2	0.046	5	0	0.031	0.015
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																		
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	2515	14	9	35	4	1	4	0.273	5	0	0.104	0.055
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	6800	14	9	35	3	1	4	0.339	5	0	0.115	0.061
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	5600	14	9	35	1	1	2	0.148	5	0	0.074	0.039
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	125	14	9	35	1	1	2	0.031	5	0	0.022	0.012
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	2700	14	9	35	1	1	2	0.110	5	1	0.150	0.079
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	70	14	9	35	1	2	2	0.023	5	1	0.070	0.050
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	290	14	9	35	1	1	4	0.070	5	0	0.044	0.031
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	100	14	9	35	1	1	4	0.047	5	0	0.032	0.023
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	555	14	9	35	1	1	2	0.089	5	1	0.135	0.096
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	55	14	9	35	1	2	2	0.021	5	2	0.120	0.086
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	10	14	9	35	1	2	1	0.011	5	0	0.009	0.006
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	500	14	9	35	1	1	2	0.086	5	0	0.051	0.037
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	2000	14	9	35	1	1	2	0.097	5	0	0.056	0.030
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	200	14	9	35	1	1	2	0.061	5	1	0.111	0.079
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	2700	14	9	35	1	1	2	0.160	5	0	0.078	0.056
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	7900	14	9	20	1	1	2	0.171	5	0	0.081	0.043
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																		
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	1050	10	6	20	1	1	2	0.063	5	0	0.040	0.021
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	2700	10	6	20	3	1	2	0.063	5	0	0.040	0.020
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	650	10	6	20	1	1	2	0.051	5	0	0.034	0.018

Pre-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	2600	10	6	20	1	1	2	0.091	5	1	0.136	0.072
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	810	10	6	20	1	1	2	0.076	5	0	0.047	0.033
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	190	10	6	35	1	2	2	0.028	5	0	0.020	0.014
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	20	10	6.25	35	1	1	2	0.022	5	0	0.016	0.011
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	110	10	6	35	1	2	2	0.022	5	0	0.016	0.012
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	1100	10	6	20	4	1	2	0.085	5	0	0.051	0.036
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	1900	10	6	20	3	1	2	0.056	5	0	0.037	0.018
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	380	10	6	20	1	2	2	0.032	5	0	0.022	0.016
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	275	10	6	35	1	1	2	0.057	5	1	0.107	0.077
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	565	10	6	35	1	1	2	0.075	5	1	0.123	0.088
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	235	10	6	35	1	2	2	0.030	5	0	0.021	0.015
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	85	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	73	10	6	35	1	2	2	0.019	5	0	0.014	0.010
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	39	10	6	35	1	1	2	0.028	5	0	0.020	0.014
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	100	10	6	20	1	2	1	0.019	5	0	0.014	0.010
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	52	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	970	10	6	35	2	1	2	0.091	5	0	0.054	0.038
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	60	10	6	35	3	1	2	0.033	5	0	0.023	0.017
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	55	10	6	35	3	2	1	0.017	5	0	0.013	0.009
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	80	10	6	35	1	1	2	0.036	5	0	0.025	0.018
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	750	10	6	35	1	1	2	0.055	5	0	0.036	0.019
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	100	10	6	20	1	2	2	0.019	5	0	0.014	0.010
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	115	10	6	20	1	2	2	0.020	5	0	0.015	0.011
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	50	10	6	20	1	1	2	0.027	5	1	0.075	0.054
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	5300	10	6	20	1	1	4	0.175	5	0	0.082	0.044
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	630	10	6.25	20	1	2	2	0.038	5	0	0.027	0.019
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	800	10	6	20	1	1	2	0.032	5	0	0.023	0.011
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	650	10	6	20	4	1	2	0.070	5	0	0.044	0.031
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	770	10	6	20	6	1	2	0.144	5	1	0.171	0.091
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	1400	10	6	20	1	1	2	0.070	5	0	0.044	0.023
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	1200	10	6	20	2	1	2	0.088	5	2	0.215	0.154
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	630	10	6	20	1	1	2	0.069	5	1	0.118	0.085
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	1750	10	6	35	1	1	2	0.077	5	1	0.125	0.066
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	970	10	6	35	1	1	2	0.061	5	0	0.039	0.021
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	3500	10	6	35	1	1	2	0.103	5	0	0.058	0.031
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	630	10	6	35	1	2	2	0.043	5	1	0.093	0.066
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	60	10	6	35	1	2	2	0.018	5	0	0.013	0.010
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	80	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	355	10	6	35	1	1	2	0.063	5	0	0.040	0.029
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	780	10	6	35	1	1	2	0.084	5	0	0.050	0.036

Pre-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	116	10	6	35	1	2	2	0.023	5	1	0.070	0.050
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	3100	10	6	20	4	1	2	0.173	5	0	0.082	0.043
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	380	10	6	20	4	1	2	0.073	5	0	0.045	0.024
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	900	10	6	20	1	1	2	0.079	5	0	0.048	0.034
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	580	10	6	20	1	1	2	0.067	5	1	0.116	0.083
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	600	10	6	35	1	1	2	0.076	5	2	0.202	0.144
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	130	10	6	35	1	1	2	0.043	5	0	0.030	0.021
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	380	10	6	35	1	2	2	0.036	5	0	0.025	0.018
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	48	10	6	35	1	2	2	0.017	5	0	0.012	0.009
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	480	10	6	35	1	1	2	0.045	5	0	0.031	0.016
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	1250	10	6.25	35	1	1	2	0.100	5	1	0.143	0.102
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	200	10	6.25	35	1	2	2	0.028	5	0	0.020	0.014
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	380	10	6	20	3	1	2	0.058	5	0	0.037	0.027
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	1650	10	6	20	2	1	2	0.091	5	0	0.053	0.028
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	1000	10	6	20	3	1	2	0.082	5	1	0.129	0.092
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	600	10	6	20	1	1	2	0.050	5	0	0.033	0.018
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	160	10	6	30	1	1	2	0.045	5	0	0.031	0.022
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	56	10	6	20	1	2	2	0.016	5	0	0.012	0.008
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	146	10	6	20	1	2	2	0.022	5	0	0.016	0.012
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	1300	10	6	20	4	1	2	0.121	5	0	0.065	0.035
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	380	10	6	20	4	2	2	0.032	5	0	0.022	0.016
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	73	10	6	40	1	2	2	0.020	5	0	0.015	0.011
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	380	10	6	35	3	1	2	0.060	5	0	0.039	0.021
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	1300	10	6	35	2	1	2	0.083	5	0	0.050	0.026
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	99	10	6	35	1	2	2	0.022	5	0	0.016	0.011
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	510	10	6	35	2	1	2	0.056	5	0	0.037	0.019
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	320	10	6	35	1	1	2	0.061	5	0	0.039	0.028
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	125	10	6	35	1	1	2	0.043	5	0	0.029	0.021
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	44	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	530	10	6	35	1	1	2	0.073	5	0	0.045	0.032
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	49	10	6	35	1	2	2	0.017	5	1	0.062	0.045
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	900	10	6	35	2	1	2	0.071	5	0	0.044	0.023
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																		
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	1000	8	5	35	2	1	2	0.066	5	0	0.042	0.022
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007

Pre-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	55	8	5	35	1	2	2	0.015	5	0	0.012	0.008
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	55	8	5	20	1	2	2	0.014	5	0	0.010	0.007
193697H	022510	MN	REDWOOD	TWP 18	TRACY	PASSIVE	37	8	5	20	1	2	2	0.012	5	0	0.009	0.006
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	1450	8	5	30	5	1	4	0.084	5	0	0.050	0.025
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	2200	8	5	30	2	1	2	0.046	5	1	0.096	0.047
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	650	10	6	30	1	1	2	0.076	5	0	0.047	0.033
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	320	10	6	30	1	1	2	0.058	5	2	0.178	0.128
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	225	10	6	30	1	1	2	0.051	5	0	0.034	0.024
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	1350	10	6	30	1	1	2	0.069	5	0	0.043	0.023
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	155	10	6	30	1	1	2	0.045	5	0	0.030	0.022
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	73	10	6	30	1	2	2	0.019	5	0	0.014	0.010
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	5	10	6	30	1	2	2	0.007	5	0	0.005	0.004
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	1050	10	6	35	2	1	2	0.076	5	1	0.124	0.065
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	710	10	6	30	1	1	2	0.053	5	0	0.035	0.019
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	38	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	45	10	6	30	1	2	2	0.016	5	0	0.012	0.008
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	495	10	6	30	1	1	2	0.046	5	0	0.031	0.016
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	55	10	6	30	1	1	2	0.030	5	0	0.022	0.016
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	50	10	6	30	1	1	2	0.029	5	0	0.021	0.015
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	16	10	6	30	1	2	2	0.011	5	0	0.008	0.006
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	15	10	6	30	1	2	2	0.010	5	0	0.008	0.006
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	380	10	6	30	1	2	2	0.034	5	0	0.024	0.017
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	380	10	6	30	1	1	2	0.062	5	1	0.112	0.080
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	3150	10	6	30	2	1	2	0.056	5	0	0.037	0.018
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	1000	10	6	30	2	1	2	0.040	5	0	0.028	0.014
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	59	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	95	10	6	30	1	2	2	0.020	5	0	0.015	0.011
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	1100	10	6	30	1	1	2	0.035	5	0	0.025	0.012
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	450	10	6	30	1	1	2	0.066	5	1	0.115	0.083
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	450	10	6	30	1	1	2	0.044	5	0	0.030	0.016
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	50	10	6	30	1	2	2	0.016	5	0	0.012	0.009
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	150	10	6	30	1	1	2	0.044	5	0	0.030	0.021
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	23	10	6	30	1	2	2	0.012	5	0	0.009	0.007
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	75	10	6	30	1	1	2	0.034	5	0	0.024	0.017

Pre-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	720	10	6	30	1	2	2	0.043	5	0	0.030	0.021
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	40	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	110	10	6	30	1	1	2	0.039	5	0	0.027	0.019
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	44	10	6	30	1	2	2	0.015	5	0	0.012	0.008

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	SEG ID	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																				
19317H	520	1	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	11	6.88	49	2	2	1	0.045	5	0	0.030	0.022
193197K	620	1	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	11	6.88	49	2	2	1	0.025	5	0	0.018	0.013
193200R	000860	1	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	11	6.88	49	2	1	2	0.114	5	0	0.063	0.033
193176S	000930	1	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193201X	001110	1	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1750	11	6.88	49	2	1	2	0.098	5	0	0.056	0.030
193206G	001680	1	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	55	11	6.88	25	1	2	2	0.017	5	0	0.013	0.009
193207N	001780	1	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	11	6.88	49	1	1	2	0.083	5	0	0.050	0.026
193209C	001840	1	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	11	6.88	49	2	1	2	0.049	5	0	0.033	0.016
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																				
193210W	1900	2	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	11	6.88	49	1	2	1	0.020	5	0	0.015	0.011
193211D	002090	2	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193247L	002190	2	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	11	6.88	49	2	1	2	0.060	5	0	0.039	0.028
193248T	002270	2	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	11	6.88	49	2	1	2	0.076	5	2	0.202	0.107
193249A	2300	2	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	11	6.88	49	2	2	1	0.018	5	0	0.013	0.010
193250U	002400	2	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193251B	2540	2	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	11	6.88	49	2	2	2	0.032	5	0	0.022	0.016
193253P	002650	2	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193193H	2780	2	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	11	6.88	49	2	2	2	0.046	5	0	0.031	0.022
193254W	002820	2	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	11	6.88	49	2	1	2	0.076	5	0	0.046	0.033
193255D	002840	2	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	11	6.88	49	2	1	4	0.084	5	0	0.050	0.025
193256K	002850	2	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	11	6.88	49	1	1	2	0.099	5	0	0.057	0.041
193257S	002870	2	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	11	6.88	49	1	1	2	0.083	5	0	0.050	0.036
193194P	2900	2	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033
193258Y	003010	2	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	11	6.88	49	2	2	2	0.015	5	0	0.011	0.008
193259F	003040	2	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	11	6.88	49	2	2	2	0.015	5	0	0.011	0.008
193195W	003090	2	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	11	6.88	49	2	2	1	0.015	5	0	0.011	0.008
193260A	003220	2	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	11	6.88	49	2	1	2	0.087	5	1	0.133	0.070
193261G	003420	2	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	11	6.88	49	1	2	2	0.033	5	0	0.023	0.017
193262N	003530	2	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	11	6.88	49	1	2	2	0.020	5	0	0.015	0.010
193263V	003680	2	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	11	6.88	49	3	1	4	0.083	5	0	0.050	0.024
193289X	006130	2	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	11	6.88	49	2	1	2	0.093	5	1	0.138	0.099
193290S	006230	2	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193291Y	006350	2	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	11	6.88	49	2	1	2	0.056	5	0	0.037	0.018
193292F	006360	2	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	11	6.88	49	2	1	2	0.090	5	0	0.053	0.038
193293M	006370	2	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	11	6.88	49	2	1	2	0.074	5	0	0.046	0.033
193294U	006430	2	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	11	6.88	49	2	1	2	0.102	5	0	0.058	0.042
196630L	006520	2	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	11	6.88	49	1	1	2	0.151	5	0	0.075	0.040
193296H	006530	2	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	11	6.88	49	1	2	2	0.021	5	0	0.016	0.011
193357W	006630	2	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	11	6.88	49	1	1	2	0.086	5	0	0.051	0.037
193358D	006740	2	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	11	6.88	49	1	2	2	0.019	5	0	0.014	0.010
193359K	006840	2	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	11	6.88	49	2	1	2	0.052	5	0	0.034	0.025
193297P	006890	2	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	11	6.88	49	1	2	2	0.042	5	2	0.154	0.110
193360E	006900	2	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	11	6.88	49	2	1	2	0.076	5	0	0.046	0.033
193361L	006910	2	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033
193298W	006920	2	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	11	6.88	49	2	1	2	0.076	5	1	0.124	0.089
193362T	006930	2	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033
193299D	006940	2	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	SEG ID	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193363A	006950	2	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	11	6.88	49	1	1	2	0.105	5	1	0.147	0.078
193300V	007000	2	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	11	6.88	49	1	1	2	0.084	5	0	0.050	0.036
193364G	007140	2	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193303R	7190	2	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	11	7	49	1	2	2	0.011	5	0	0.008	0.006
193365N	007270	2	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	11	6.88	49	1	1	2	0.070	5	0	0.044	0.031
193366V	007320	2	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	11	6.88	49	1	2	2	0.020	5	0	0.015	0.010
193367C	7370	2	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193368J	007480	2	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193369R	007580	2	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	11	6.88	49	2	1	2	0.088	5	0	0.052	0.037
193370K	007640	2	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	11	6.88	49	4	2	1	0.042	5	0	0.029	0.020
193371S	007680	2	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	11	6.88	49	2	1	2	0.087	5	1	0.133	0.095
193307T	007780	2	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193372Y	007980	2	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	175	11	6.88	49	1	1	2	0.057	5	0	0.037	0.027
193373F	008090	2	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193311H	8130	2	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193374M	008180	2	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	11	6.88	49	1	2	2	0.023	5	0	0.017	0.012
193375U	008290	2	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	11	6.88	49	1	1	4	0.175	5	1	0.188	0.100
193376B	008390	2	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	11	6.88	49	1	1	2	0.075	5	0	0.046	0.033
193312P	008500	2	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193377H	008540	2	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	11	6.88	49	1	1	2	0.054	5	0	0.036	0.026
193382E	8740	2	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	11	6.88	49	1	1	2	0.076	5	0	0.047	0.025
380294J	8750	2	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	11	6.875	35	1	1	2	0.054	5	0	0.035	0.025
187034M	8760	2	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	11	6.875	35	1	2	1	0.030	5	0	0.021	0.015
187033F	008776	2	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	11	6.88	49	1	1	2	0.052	5	0	0.035	0.017
187032Y	8780	2	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	11	6.875	35	1	1	2	0.044	5	0	0.030	0.015
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																				
193383L	8830	3	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	11	6.88	49	4	1	4	0.241	5	0	0.098	0.052
193384T	008840	3	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	11	6.88	49	3	1	4	0.299	5	0	0.109	0.058
193388V	008890	3	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	11	6.88	49	1	1	2	0.131	5	0	0.069	0.036
193390W	008950	3	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	125	11	6.88	49	1	1	2	0.027	5	0	0.020	0.010
193391D	008970	3	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	11	6.88	49	1	1	2	0.097	5	1	0.141	0.074
193392K	009030	3	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	70	11	6.88	49	1	2	2	0.022	5	1	0.069	0.050
193394Y	9250	3	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	290	11	6.88	49	2	1	4	0.069	5	0	0.043	0.031
193395F	9350	3	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	11	6.88	49	2	1	4	0.046	5	0	0.031	0.022
193397U	009640	3	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	11	6.88	49	2	1	2	0.087	5	1	0.133	0.095
193398B	009780	3	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	2	0.119	0.085
193399H	009930	3	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	11	6.88	49	1	2	1	0.011	5	0	0.008	0.006
193400A	010090	3	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	11	6.88	49	1	1	2	0.084	5	0	0.050	0.036
193403V	010180	3	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2000	11	6.88	49	1	1	2	0.086	5	0	0.051	0.027
193404C	010200	3	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	11	6.88	49	1	1	2	0.060	5	1	0.109	0.078
193405J	010220	3	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	11	6.88	49	1	1	2	0.156	5	0	0.077	0.055
193406R	010250	3	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	7900	11	6.88	49	1	1	2	0.151	5	0	0.075	0.040
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																				
193314D	010260	4	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	11	6.88	49	1	1	2	0.066	5	0	0.042	0.022

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	SEG ID	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193315K	010270	4	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	11	6.88	49	3	1	2	0.065	5	0	0.041	0.020
193317Y	010340	4	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	11	6.88	49	2	1	2	0.065	5	0	0.041	0.022
193318F	010380	4	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	11	6.88	49	2	1	2	0.116	5	1	0.154	0.081
193320G	010460	4	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	11	6.88	49	2	1	2	0.100	5	0	0.057	0.041
193322V	010620	4	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193324J	010730	4	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193326X	010850	4	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	11	6.88	49	1	2	2	0.032	5	0	0.023	0.016
193328L	010960	4	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	11	6.88	49	1	2	2	0.011	5	0	0.008	0.006
193329T	11020	4	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	11	6.875	49	1	2	2	0.014	5	0	0.011	0.008
193341A	011090	4	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	11	6.88	49	1	2	2	0.026	5	0	0.019	0.014
193342G	11190	4	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	11	6.88	49	1	2	2	0.025	5	0	0.018	0.013
193344V	011260	4	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	11	6.88	49	4	1	2	0.112	5	0	0.062	0.044
193346J	011280	4	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	11	6.88	49	3	1	2	0.059	5	0	0.038	0.019
193348X	011300	4	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033
193349E	011310	4	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	11	6.88	49	1	2	2	0.042	5	0	0.029	0.020
193354B	011510	4	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	11	6.88	49	1	1	2	0.067	5	1	0.116	0.083
193356P	011630	4	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	565	11	6.88	49	1	1	2	0.088	5	1	0.133	0.096
193407X	011660	4	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	235	11	6.88	49	1	2	2	0.035	5	0	0.025	0.018
193410F	11750	4	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100	11	7	49	1	2	2	0.025	5	0	0.018	0.013
193408E	011870	4	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	85	11	6.88	49	1	2	2	0.024	5	0	0.017	0.013
193411M	011980	4	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	11	6.88	49	1	2	2	0.023	5	0	0.017	0.012
193414H	012080	4	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	11	6.88	49	2	1	2	0.033	5	0	0.023	0.017
193509R	14720	4	MN	BLUE EARTH	Twp. 461		PASSIVE	PASSIVE	100	11	6.88	49	2	2	1	0.025	5	0	0.018	0.013
193480V	14890	4	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193481C	14980	4	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	11	6.88	49	2	1	2	0.107	5	0	0.060	0.043
193482J	14990	4	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	11	6.88	49	3	1	2	0.038	5	0	0.027	0.019
193483R	15020	4	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	11	6.88	49	3	2	1	0.020	5	0	0.015	0.011
193484X	15630	4	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	11	6.88	49	1	1	2	0.055	5	0	0.036	0.026
193485E	15660	4	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	11	6.88	49	1	1	2	0.043	5	0	0.029	0.021
193487T	15810	4	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	11	6.88	49	1	1	2	0.057	5	0	0.037	0.020
193571H	16060	4	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	11	7	49	1	2	2	0.025	5	0	0.018	0.013
193522E	16270	4	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	11	6.88	49	1	2	2	0.027	5	0	0.019	0.014
193523L	16310	4	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	11	7	49	1	1	2	0.036	5	1	0.085	0.061
193488A	16410	4	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	5300	11	6.88	49	1	1	4	0.184	5	0	0.085	0.045
196260K	16440	4	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	11	6.88	49	1	2	2	0.050	5	0	0.033	0.024
196261S	16460	4	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	11	7	49	1	1	2	0.034	5	0	0.024	0.012
193491H	016490	4	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	650	11	6.88	49	4	1	2	0.092	5	0	0.054	0.039
193492P	16520	4	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	11	6.88	49	6	1	2	0.151	5	1	0.176	0.093
193493W	016540	4	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	11	6.88	49	1	1	2	0.074	5	0	0.046	0.024
193494D	016550	4	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1200	11	6.88	49	2	1	2	0.116	5	2	0.245	0.175
193525A	16560	4	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	11	6.88	49	1	1	2	0.091	5	1	0.136	0.098
193537U	16570	4	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	11	6.88	49	2	1	2	0.098	5	1	0.142	0.075
193536M	16680	4	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	11	6.88	49	2	1	2	0.077	5	0	0.047	0.025
911203V	16720	4	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500	11	6.875	49	2	1	2	0.131	5	0	0.069	0.036
193560N	16800	4	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	11	6.88	49	2	2	2	0.050	5	1	0.100	0.072
193572H	016950	4	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	60	11	6.88	49	2	2	2	0.021	5	0	0.016	0.011
193573P	017050	4	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193579F	017150	4	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	SEG ID	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193574W	017250	4	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
193546T	017310	4	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	11	6.88	49	1	2	2	0.023	5	0	0.017	0.012
193575D	017360	4	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	355	11	6.88	49	1	1	2	0.074	5	0	0.046	0.033
193547A	017370	4	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	11	6.88	49	1	1	2	0.099	5	0	0.057	0.041
193548G	017510	4	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193577S	17670	4	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	160	11	6.88	49	1	1	2	0.055	5	0	0.036	0.026
193578Y	017780	4	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	11	6.88	49	1	2	2	0.027	5	1	0.075	0.054
193558M	017970	4	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	11	6.88	49	4	1	2	0.182	5	0	0.084	0.045
193557F	017980	4	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	380	11	6.88	49	4	1	2	0.077	5	0	0.047	0.025
193584C	017990	4	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	900	11	6.88	49	1	1	2	0.104	5	0	0.059	0.042
193553D	018040	4	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	580	11	6.88	49	2	1	2	0.089	5	1	0.134	0.096
193554K	018090	4	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193588E	018280	4	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	11	6.88	49	2	2	2	0.018	5	0	0.014	0.010
193589L	018380	4	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	600	11	6.88	49	2	1	2	0.090	5	2	0.217	0.156
193590F	018600	4	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	11	6.88	49	2	1	2	0.051	5	0	0.034	0.024
193591M	018610	4	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	11	6.88	49	2	2	2	0.042	5	0	0.029	0.020
193592U	018700	4	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	11	6.88	49	2	2	2	0.019	5	0	0.014	0.010
193594H	018870	4	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193595P	018940	4	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	480	11	6.88	49	2	1	2	0.058	5	0	0.038	0.020
193596W	019050	4	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193610P	019140	4	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
911204C	19260	4	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	11	6.875	49	1	1	2	0.118	5	1	0.155	0.111
193612D	19270	4	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	11	6.875	49	1	2	2	0.033	5	0	0.023	0.017
193613K	019290	4	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033
193599S	019300	4	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	11	6.88	49	3	1	2	0.076	5	0	0.046	0.033
193614S	019310	4	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	11	6.88	49	2	1	2	0.096	5	0	0.055	0.029
193616F	019330	4	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	1000	11	6.88	49	3	1	2	0.108	5	1	0.149	0.107
193600J	019360	4	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	0	0.046	0.033
193859H	019410	4	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	600	11	6.88	49	1	1	2	0.052	5	0	0.035	0.018
193710U	019760	4	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	11	6.88	49	1	1	2	0.055	5	0	0.036	0.026
193711B	020050	4	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	56	11	6.88	49	1	2	2	0.021	5	0	0.015	0.011
193664V	020080	4	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	11	6.88	49	1	2	2	0.029	5	0	0.021	0.015
197897F	020170	4	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	11	6.88	49	4	1	2	0.128	5	0	0.068	0.036
197896Y	020180	4	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	11	6.88	49	4	2	2	0.042	5	0	0.029	0.020
193669E	020260	4	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	11	6.88	49	1	2	2	0.023	5	0	0.017	0.012
193671F	020370	4	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
197895S	020880	4	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	11	6.88	49	4	1	2	0.077	5	0	0.047	0.025
197894K	020910	4	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	11	6.88	49	2	1	2	0.087	5	0	0.052	0.027
193712H	21090	4	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193713P	021300	4	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	11	6.88	49	2	2	2	0.025	5	0	0.018	0.013
197789J	021370	4	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	11	6.88	49	3	1	2	0.072	5	0	0.045	0.024
193714W	021410	4	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	11	6.88	49	2	1	2	0.071	5	0	0.044	0.032
193715D	021500	4	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193716K	021610	4	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	11	6.88	49	2	1	2	0.050	5	0	0.033	0.024
193717S	021710	4	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	11	6.88	49	1	2	2	0.019	5	0	0.014	0.010
193718Y	021810	4	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	11	6.88	49	1	1	2	0.086	5	0	0.051	0.037
193719F	021880	4	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	11	6.88	49	1	2	2	0.020	5	1	0.066	0.047
197893D	021900	4	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	11	6.88	49	2	1	2	0.075	5	0	0.046	0.024

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	SEG ID	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																				
197892W	21920	5	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	11	6.88	49	2	1	2	0.078	5	0	0.048	0.025
193721G	022110	5	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	40	11	6.88	49	2	2	2	0.018	5	0	0.014	0.010
193692Y	022220	5	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	11	6.88	49	2	2	2	0.018	5	0	0.014	0.010
193694M	022320	5	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193696B	022410	5	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193697H	022510	5	MN	REDWOOD	TWP 18	TRACY	PASSIVE	PASSIVE	37	11	6.88	49	1	2	2	0.018	5	0	0.013	0.009
193722N	022650	5	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	11	6.88	49	5	1	4	0.098	5	0	0.056	0.028
193741T	022660	5	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	11	6.88	49	2	1	2	0.053	5	1	0.103	0.051
Segment 6 Brookings to Tracy MP 226.6 to 290.0																				
193742A	022720	6	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	11	6.88	49	1	1	2	0.092	5	0	0.054	0.039
193699W	022800	6	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	11	6.88	49	1	1	2	0.071	5	2	0.195	0.140
193700N	022830	6	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193702C	022950	6	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	11	6.88	49	2	1	2	0.062	5	0	0.040	0.029
193708T	023150	6	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193709A	023250	6	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193810Y	023350	6	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	11	6.88	49	2	1	2	0.088	5	0	0.052	0.028
193757P	023390	6	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193758W	023450	6	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193759D	023550	6	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193743G	023660	6	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	11	6.88	49	1	1	2	0.054	5	0	0.036	0.026
193744N	023760	6	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	11	6.88	49	1	2	2	0.023	5	0	0.017	0.012
193745V	023860	6	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	11	6.88	49	1	2	2	0.008	5	0	0.007	0.005
193797M	023940	6	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	11	6.88	49	2	1	2	0.080	5	1	0.127	0.067
193748R	023990	6	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	11	6.88	49	1	1	2	0.056	5	0	0.037	0.019
193751Y	024180	6	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	11	6.88	49	2	2	2	0.018	5	0	0.013	0.010
193752F	024230	6	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	11	6.88	49	2	2	2	0.019	5	0	0.014	0.010
193753M	024330	6	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193755B	024440	6	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	11	6.88	49	2	1	2	0.058	5	0	0.038	0.020
193725J	024590	6	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	11	6.88	49	2	1	2	0.037	5	0	0.026	0.018
193726R	024640	6	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	11	6.88	49	1	1	2	0.036	5	0	0.025	0.018
193730F	024920	6	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	11	6.88	49	1	2	2	0.013	5	0	0.010	0.007
193732U	024980	6	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	11	6.88	49	1	2	2	0.013	5	0	0.010	0.007
193734H	025180	6	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193736W	025290	6	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	11	6.88	49	1	2	2	0.042	5	0	0.029	0.020
193798U	025340	6	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	11	6.88	49	1	1	2	0.076	5	1	0.124	0.089
193799B	025350	6	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	11	6.88	49	2	1	2	0.059	5	0	0.038	0.019
193800T	025380	6	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	11	6.88	49	2	1	2	0.042	5	0	0.029	0.014
193737D	025490	6	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	11	6.88	49	2	2	2	0.021	5	0	0.015	0.011
193740L	025590	6	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193761E	025690	6	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	11	6.88	49	2	2	2	0.025	5	0	0.018	0.013
193762L	025790	6	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	2	2	2	0.020	5	0	0.015	0.011
193764A	025900	6	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193801A	026160	6	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	11	6.88	40	1	1	2	0.037	5	0	0.026	0.013
193802G	026190	6	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	11	6.88	49	1	1	2	0.081	5	1	0.128	0.091

Post-Construction Accident Prediction Summary
Minnesota 20 MNT
Alternative D

FRA ID	MILEPOST	SEG ID	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193768C	026330	6	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193769J	026480	6	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	11	6.88	49	1	2	2	0.020	5	0	0.015	0.011
193770D	026590	6	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	11	6.88	49	1	1	2	0.046	5	0	0.031	0.017
193771K	026730	6	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	11	6.88	49	1	2	2	0.020	5	0	0.015	0.010
193773Y	026750	6	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	11	6.88	49	1	1	2	0.054	5	0	0.035	0.025
193772S	026780	6	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	11	6.88	49	1	2	2	0.015	5	0	0.011	0.008
193776U	026830	6	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	11	6.88	49	2	1	2	0.042	5	0	0.028	0.020
193780J	026940	6	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	11	6.88	49	2	2	2	0.053	5	0	0.035	0.025
193782X	27040	6	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	11	6.88	49	2	2	2	0.018	5	0	0.014	0.010
193783E	027140	6	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	11	6.88	49	2	1	2	0.048	5	0	0.032	0.023
193784L	027250	6	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	11	6.88	49	2	2	2	0.019	5	0	0.014	0.010

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
Winona County																				
193317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	1	2	1	5	0	0.020	0.022	B	0.002	468	NO	NO
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	1	2	1	5	0	0.012	0.013	B	0.001	723	NO	NO
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	1	1	2	5	0	0.028	0.033	B	0.00523	191	NO	NO
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1075	1	1	2	5	0	0.025	0.030	B	0.00489	204	NO	NO
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	100	1	2	2	5	0	0.009	0.009	B	0.00011	8,936	NO	NO
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	1	1	2	5	0	0.025	0.026	B	0.00097	1,031	NO	NO
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	1	1	2	5	0	0.014	0.016	B	0.00247	405	NO	NO
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	1	2	1	5	0	0.010	0.011	B	0.0009	1,054	NO	NO
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.0009	1,054	NO	NO
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	1	1	2	5	0	0.026	0.028	B	0.0013	755	NO	NO
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	1	1	2	5	2	0.100	0.107	B	0.0069	144	NO	NO
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	1	2	1	5	0	0.009	0.010	B	0.0005	1,893	NO	NO
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.0006	1,697	NO	NO
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	1	2	2	5	0	0.015	0.016	B	0.0008	1,185	NO	NO
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	100	1	2	2	5	0	0.010	0.011	B	0.0006	1,697	NO	NO
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	2	2	2	5	0	0.021	0.022	B	0.0014	700	NO	NO
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	2	1	2	5	0	0.032	0.033	B	0.00152	657	NO	NO
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	2	1	4	5	0	0.026	0.025	B	-0.00076	-1,313	NO	NO
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	1	1	2	5	0	0.039	0.041	B	0.00174	576	NO	NO
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	1	1	2	5	0	0.034	0.036	B	0.00159	628	NO	NO
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	1	2	2	5	0	0.031	0.033	B	0.00246	406	NO	NO
							Total						**2**	**0.514**	**0.553**		**0.03971**	**25**	**Number of crossings**	
							Minimum							**0.009**	**0.009**		**0.00011**	**8,936**	**In the County =**	**22**
							Maximum							**0.100**	**0.107**		**0.00694**	**144**		
Olmsted County																				
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	1	2	2	5	0	0.008	0.008	B	0.00046	2,187	NO	NO
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	1	2	2	5	0	0.008	0.008	B	0.00046	2,187	NO	NO
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	1	2	1	5	0	0.007	0.008	B	0.00074	1,360	NO	NO
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	1	1	2	5	1	0.065	0.070	B	0.00515	194	NO	NO
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	1	1	2	5	0	0.016	0.017	B	0.00087	1,149	NO	NO
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	1	2	2	5	0	0.010	0.010	B	0.00057	1,749	NO	NO
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	3	1	4	5	0	0.025	0.024	B	-0.00076	-1,323	NO	NO
							Total						**1**	**0.139**	**0.147**		**0.00748**	**134**	**Number of crossings**	
							Minimum							**0.007**	**0.008**		**0.00046**	**2,187**	**In the County =**	**7**
							Maximum							**0.065**	**0.070**		**0.00515**	**194**		
Dodge County																				
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	1	1	2	5	1	0.096	0.099	B	0.00305	328	NO	NO
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	1	1	2	5	0	0.017	0.018	B	0.00158	634	NO	NO
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	1	1	2	5	0	0.036	0.038	B	0.00166	601	NO	NO
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	1	1	2	5	0	0.031	0.033	B	0.00150	664	NO	NO
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	2	1	2	5	0	0.040	0.042	B	0.00176	567	NO	NO
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	1	1	2	5	0	0.041	0.040	B	-0.00113	-884	NO	NO
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	1	2	2	5	0	0.011	0.011	B	0.00061	1,651	NO	NO
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	1	1	2	5	0	0.035	0.037	B	0.00163	614	NO	NO
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	1	1	2	5	0	0.010	0.010	B	0.00055	1,808	NO	NO
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	2	1	2	5	0	0.023	0.025	B	0.00121	830	NO	NO
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	2	0.103	0.110	B	0.00754	133	NO	NO
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	2	2	5	0	0.029	0.033	B	0.00428	233	NO	NO
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.029	0.033	B	0.00428	233	NO	NO
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	2	1	2	5	1	0.081	0.089	B	0.00771	130	NO	NO
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	1	1	2	5	0	0.032	0.033	B	0.00152	657	NO	NO
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.032	0.033	B	0.00152	657	NO	NO
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	1	1	2	5	1	0.079	0.078	B	-0.00182	-551	NO	NO
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	1	1	2	5	0	0.034	0.036	B	0.00161	623	NO	NO
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10					0	0.006	0.006	B	0.00034	2,970	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT C	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change In Frequency	1/Freq.	Trip Threshold	State Top 50
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	1	1	2	5	0	0.030	0.031	B	0.00146	685	NO	NO
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	1	2	2	5	0	0.010	0.010	B	0.00057	1,760	NO	NO
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	1	1	2	5	0	0.036	0.037	B	0.00164	608	NO	NO
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	3	1	1	5	0	0.019	0.020	B	0.00104	962	NO	NO
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	1	1	2	5	1	0.092	0.095	B	0.00294	340	NO	NO
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
							Total						6	1.002	1.052		0.05000	20	Number of crossings	
							Minimum							0.006	0.006		0.00034	2,970	In the County =	29
							Maximum							0.103	0.110		0.00771	130		
Steele County																				
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	250	1	1	2	5	0	0.025	0.027	B	0.00128	779	NO	NO
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.001	1,697	NO	NO
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	1	2	2	5	0	0.012	0.012	B	0.00066	1,510	NO	NO
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	1	1	4	5	1	0.102	0.100	B	-0.00210	-476	NO	NO
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	1	1	2	5	0	0.031	0.033	B	0.00151	663	NO	NO
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.010	0.011	B	0.00059	1,697	NO	NO
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	1	1	2	5	0	0.024	0.026	B	0.00125	802	NO	NO
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	1	1	2	5	0	0.026	0.025	B	-0.00087	-1,152	NO	NO
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200			2		0	0.026	0.025	B	-0.00100	-1,001	NO	NO
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200			1		0	0.016	0.015	B	-0.00065	-1,536	NO	NO
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	1	1	2	5	0	0.018	0.017	B	-0.00058	-1,725	NO	NO
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	2000	11	2	0.625	0	0.015	0.015	B	-0.00052	-1,929	NO	NO
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	4	1	4	5	0	0.055	0.052	B	-0.00332	-301	NO	NO
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	3	1	4	5	0	0.061	0.058	B	-0.00327	-305	NO	NO
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	1	1	2	5	0	0.039	0.036	B	-0.00305	-327	NO	NO
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2000	1	1	2	5	0	0.012	0.010	B	-0.00125	-803	NO	NO
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	1	1	2	5	1	0.079	0.074	B	-0.00495	-202	NO	NO
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	2000	1	2	2	5	1	0.050	0.050	B	-0.00046	-2,198	NO	NO
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	145	1	2	4	5	0	0.031	0.031	B	-0.00057	-1,766	NO	NO
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	1	2	2	5	0	0.023	0.022	B	-0.00044	-2,262	NO	NO
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	1	1	2	5	1	0.096	0.095	B	-0.00116	-865	NO	NO
							Total						4	0.773	0.755		-0.01771	-56	Number of crossings	
							Minimum							0.010	0.010		0.00059	1,697	In the County =	22
							Maximum							0.102	0.100		0.00151	663		
Waseca County																				
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	1	2	2	5	2	0.086	0.085	B	-0.00061	-1,640	NO	NO
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	1	2	1	5	0	0.006	0.006	B	-0.00013	-7,487	NO	NO
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	1	1	2	5	0	0.037	0.036	B	-0.00063	-1,587	NO	NO
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2800	1	1	2	5	0	0.030	0.027	B	-0.00260	-384	NO	NO
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	1	1	2	5	1	0.079	0.078	B	-0.00094	-1,064	NO	NO
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	1	1	2	5	0	0.056	0.055	B	-0.00079	-1,264	NO	NO
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	8900	1	1	2	5	0	0.043	0.040	B	-0.00316	-316	NO	NO
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	1	1	2	5	0	0.021	0.022	B	0.00085	1,172	NO	NO
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	3	1	2	5	0	0.020	0.020	B	0.00071	1,408	NO	NO
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	1	1	2	5	0	0.018	0.022	B	0.00390	256	NO	NO
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	1	1	2	5	1	0.072	0.081	B	0.00947	106	NO	NO
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	1	2	2	5	0	0.033	0.041	B	0.00755	132	NO	NO
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.011	B	0.00245	409	NO	NO
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	1	2	2	5	0	0.014	0.016	B	0.00217	460	NO	NO
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	1	2	2	5	0	0.005	0.006	B	0.00085	1,180	NO	NO
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20			2		0	0.011	0.008	B	-0.00384	-261	NO	NO
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	1	2	2	5	0	0.012	0.014	B	0.00185	541	NO	NO
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	1	2	2	5	0	0.011	0.013	B	0.002	557	NO	NO
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	4	1	2	5	0	0.036	0.044	B	0.00795	126	NO	NO
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	3	1	2	5	0	0.018	0.019	B	0.00067	1,499	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Post-Construction	Category	Change In Frequency	1/Freq.	Trip Threshold	State Top 50
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	1	2	2	5	0	0.027	0.033	B	0.00651	154	NO	NO
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	1	2	2	5	0	0.016	0.020	B	0.00437	229	NO	NO
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	1	1	2	5	1	0.077	0.083	B	0.00655	153	NO	NO
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	460	1	1	2	5	1	0.088	0.096	B	0.00760	132	NO	NO
							Total						6	0.8343	0.8884		0.05402	19	Number of crossings	
							Minimum							0.0051	0.0060		0.00067	1,499	In the County =	25
							Maximum							0.088	0.096		0.00947	106		
Blue Earth County																				
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	90	1	2	2	5	0	0.015	0.018	B	0.00231	433	NO	NO
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100			2		0	0.011	0.013	B	0.00179	557	NO	NO
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	75	1	2	2	5	0	0.011	0.013	B	0.00171	586	NO	NO
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	1	2	2	5	0	0.010	0.012	B	0.00163	614	NO	NO
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	1	2	2	5	0	0.014	0.017	B	0.00219	456	NO	NO
193509R	14720	MN	BLUE EARTH	Twp. 461	MANKATO	PASSIVE	PASSIVE	100	1	2	1	5	0	0.010	0.013	B	0.003	339	NO	NO
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TWI	MANKATO	PASSIVE	PASSIVE	52	1	2	2	5	0	0.009	0.011	B	0.00146	684	NO	NO
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	2	1	2	5	0	0.038	0.043	B	0.00464	216	NO	NO
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	3	1	2	5	0	0.017	0.019	B	0.00248	404	NO	NO
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	3	2	1	5	0	0.009	0.011	B	0.00149	672	NO	NO
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	150	1	1	2	5	0	0.023	0.026	B	0.00321	312	NO	NO
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	1	1	2	5	0	0.018	0.021	B	0.00268	373	NO	NO
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	1	1	2	5	0	0.019	0.020	B	0.00078	1,276	NO	NO
							Total						0	0.205	0.235		0.02932	34	Number of crossings	
							Minimum							0.009	0.011		0.00078	1,276	In the County =	13
							Maximum							0.038	0.043		0.00464	216		
Brown County																				
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	1	2	2	5	0	0.010	0.013	B	0.003	339	NO	NO
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	1	2	2	5	0	0.011	0.014	B	0.00308	324	NO	NO
192523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	1	1	2	5	1	0.054	0.061	B	0.007	143	NO	NO
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	5300	1	2	4	5	0	0.044	0.045	B	0.00128	783	NO	NO
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	1	2	2	5	0	0.019	0.024	B	0.005	200	NO	NO
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800			2		0	0.011	0.012	B	0.00045	2,215	NO	NO
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	550	4	1	2	5	0	0.031	0.039	B	0.00725	138	NO	NO
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	600	6	1	2	5	1	0.091	0.093	B	0.00220	454	NO	NO
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	1	1	2	5	0	0.023	0.024	B	0.00091	1,096	NO	NO
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1100	2	1	2	5	2	0.154	0.175	A	0.02097	48	YES	YES
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	1	1	2	5	1	0.085	0.098	B	0.01298	77	NO	NO
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	1	1	2	5	1	0.066	0.075	B	0.00880	114	NO	NO
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	1	1	2	5	0	0.021	0.025	B	0.00431	232	NO	NO
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500			2		0	0.031	0.036	B	0.00552	181	NO	NO
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	1	2	2	5	1	0.066	0.072	B	0.00543	184	NO	NO
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	75	1	2	2	5	0	0.010	0.011	B	0.00153	653	NO	NO
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.010	B	0.00134	744	NO	NO
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	1	2	2	5	0	0.011	0.012	B	0.00168	597	NO	NO
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	790	1	1	2	5	0	0.029	0.033	B	0.00385	260	NO	NO
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	1	1	2	5	0	0.036	0.041	B	0.00447	224	NO	NO
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	140	1	2	2	5	0	0.023	0.026	B	0.00321	312	NO	NO
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	1	2	2	5	1	0.050	0.054	B	0.00338	296	NO	NO
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3400	4	1	2	5	0	0.043	0.045	B	0.00127	784	NO	NO
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	4	1	2	5	0	0.024	0.025	B	0.00093	1,072	NO	NO
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	1200	1	1	2	5	0	0.034	0.042	B	0.00769	130	NO	NO
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	850	1	1	2	5	1	0.083	0.096	B	0.01277	78	NO	NO
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.011	B	0.00245	409	NO	NO
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.010	B	0.00134	744	NO	NO
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	300	1	1	2	5	2	0.144	0.156	A	0.01110	90	YES	YES
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	1	1	2	5	0	0.021	0.024	B	0.00304	329	NO	NO
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	1	2	2	5	0	0.018	0.020	B	0.00264	378	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Post-Construction	Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	1	2	2	5	0	0.009	0.010	B	0.00143	701	NO	NO
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	370	1	1	2	5	0	0.016	0.020	B	0.00360	277	NO	NO
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250			2		1	0.102	0.111	B	0.00868	115	NO	NO
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200			2		0	0.014	0.017	B	0.00221	453	NO	NO
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	1	1	2	5	0	0.027	0.033	B	0.00651	154	NO	NO
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	3	1	2	5	0	0.027	0.033	B	0.00651	154	NO	NO
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	2	1	2	5	0	0.028	0.029	B	0.00104	961	NO	NO
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	770	3	1	2	5	1	0.092	0.107	B	0.01409	71	NO	NO
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	1	2	2	5	0	0.027	0.033	B	0.00651	154	NO	NO
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	410	1	1	2	5	0	0.018	0.018	B	0.00074	1,354	NO	NO
193710U	019760	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	160	1	1	2	5	0	0.022	0.026	B	0.00393	255	NO	NO
							Total						13	1.707	1.922		0.21500	5	Number of crossings	
							Minimum							0.008	0.010		0.00045	2,215	In the County =	48
							Maximum							0.154	0.175		0.02097	48		
Redwood County																				
193711B	020050	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	56	1	2	2	5	0	0.008	0.011	B	0.00246	407	NO	NO
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	1	2	2	5	0	0.012	0.015	B	0.00331	302	NO	NO
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	4	1	2	5	0	0.035	0.036	B	0.00116	859	NO	NO
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	4	2	2	5	0	0.016	0.020	B	0.00437	229	NO	NO
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	1	2	2	5	0	0.011	0.012	B	0.00126	797	NO	NO
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	3	1	2	5	0	0.021	0.025	B	0.00430	232	NO	NO
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	1	2	5	0	0.026	0.027	B	0.00099	1,007	NO	NO
193712H	210910	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	1	2	2	5	0	0.011	0.013	B	0.00179	559	NO	NO
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	2	1	2	5	0	0.019	0.024	B	0.00413	242	NO	NO
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	1	1	2	5	0	0.028	0.032	B	0.00376	266	NO	NO
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00149	672	NO	NO
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	1	2	2	5	0	0.021	0.024	B	0.00301	332	NO	NO
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	1	2	2	5	0	0.009	0.010	B	0.00139	721	NO	NO
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	1	2	2	5	0	0.032	0.037	B	0.00417	240	NO	NO
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	1	2	2	5	1	0.045	0.047	B	0.00258	387	NO	NO
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	2	1	2	5	0	0.023	0.024	B	0.00092	1,090	NO	NO
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	2	1	2	5	0	0.022	0.025	B	0.00304	329	NO	NO
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.007	0.010	B	0.00224	446	NO	NO
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	1	2	2	5	0	0.007	0.010	B	0.00224	446	NO	NO
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	1	2	2	5	0	0.008	0.011	B	0.00249	402	NO	NO
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	1	2	2	5	0	0.007	0.011	B	0.00335	299	NO	NO
193697H	022510	MN	REDWOOD	TWP 18	TRACY	PASSIVE	PASSIVE	37	1	2	2	5	0	0.006	0.009	B	0.00294	340	NO	NO
							Total						1	0.404	0.465		0.06038	17	Number of crossings	
							Minimum							0.006	0.009		0.00092	1,090	In the County =	24
							Maximum							0.045	0.047		0.00437	229		
Lyon County																				
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	5	1	4	5	0	0.025	0.028	B	0.00286	350	NO	NO
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	2	1	2	5	1	0.047	0.051	B	0.00361	277	NO	NO
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	1	1	2	5	0	0.033	0.039	B	0.00533	188	NO	NO
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	1	1	2	5	2	0.128	0.140	A	0.01200	83	YES	YES
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	1	1	2	5	0	0.024	0.029	B	0.00426	235	NO	NO
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	1	1	2	5	0	0.023	0.028	B	0.00464	216	NO	NO
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	1	1	2	5	0	0.022	0.026	B	0.00390	257	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 20 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change In Frequency	1/Freq.	Trip Threshold	State Top 50
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	1	2	2	5	0	0.010	0.012	B	0.00199	503	NO	NO
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	1	2	2	5	0	0.004	0.005	B	0.00081	1,228	NO	NO
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	1	2	5	1	0.065	0.067	B	0.00171	585	NO	NO
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	1	1	2	5	0	0.019	0.019	B	0.00077	1,294	NO	NO
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	1	2	2	5	0	0.008	0.010	B	0.00161	619	NO	NO
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	1	2	2	5	0	0.008	0.010	B	0.00171	586	NO	NO
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	1	1	2	5	0	0.016	0.020	B	0.00363	275	NO	NO
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.016	0.018	B	0.00296	338	NO	NO
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	1	1	2	5	0	0.015	0.018	B	0.00288	347	NO	NO
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	1	2	2	5	0	0.006	0.007	B	0.00121	825	NO	NO
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	1	2	2	5	0	0.006	0.007	B	0.00119	843	NO	NO
							Total						4	0.537	0.607		0.06980	14	Number of crossings	
							Minimum							0.004	0.005		0.00077	1,294	In the County =	25
							Maximum							0.128	0.140		0.01200	83		
Lincoln County																				
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	1	2	2	5	0	0.017	0.020	B	0.00323	309	NO	NO
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	1	1	2	5	1	0.080	0.089	B	0.00862	116	NO	NO
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	2	1	2	5	0	0.018	0.019	B	0.00067	1,502	NO	NO
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	2	1	2	5	0	0.014	0.014	B	0.00053	1,885	NO	NO
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	1	2	2	5	0	0.009	0.011	B	0.00186	538	NO	NO
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	1	2	2	5	0	0.011	0.013	B	0.00216	463	NO	NO
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	1	1	2	5	0	0.012	0.013	B	0.00048	2,063	NO	NO
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	1	1	2	5	1	0.083	0.091	B	0.00893	112	NO	NO
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	1	2	2	5	0	0.009	0.011	B	0.00182	550	NO	NO
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	1	1	2	5	0	0.016	0.017	B	0.00068	1,467	NO	NO
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	1	2	2	5	0	0.009	0.010	B	0.00176	567	NO	NO
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	1	1	2	5	0	0.021	0.025	B	0.00387	259	NO	NO
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	1	2	2	5	0	0.007	0.008	B	0.00137	731	NO	NO
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	1	2	2	5	0	0.017	0.020	B	0.00323	310	NO	NO
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	1	2	2	5	0	0.021	0.025	B	0.00382	262	NO	NO
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	1	2	2	5	0	0.008	0.010	B	0.00164	609	NO	NO
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	1	1	2	5	0	0.019	0.023	B	0.00357	280	NO	NO
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	1	2	2	5	0	0.008	0.010	B	0.00169	591	NO	NO
							Total						2	0.424	0.483		0.05903	17	Number of crossings	
							Minimum							0.007	0.008		0.00048	2,063	In the County =	23
							Maximum							0.083	0.091		0.00893	112		

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																		
193171H	000520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	460	10	6	40	1	2	1	0.040	5	0	0.027	0.020
193197K	000620	MN	WINONA	Canton Mills	MINNESOTA CITY	PASSIVE	100	10	6	40	1	2	1	0.023	5	0	0.017	0.012
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	2500	10	6	30	1	1	2	0.089	5	0	0.053	0.028
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	1750	10	6	30	1	1	2	0.077	5	0	0.047	0.025
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	1850	10	6	30	1	1	2	0.079	5	0	0.048	0.025
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	1700	10	6	30	1	1	2	0.040	5	0	0.028	0.014
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																		
193210W	190	MN	WINONA	Golf Crossing		PASSIVE	55	12	8	30	1	2	1	0.018	5	0	0.014	0.010
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	55	12	8	30	1	2	2	0.018	5	0	0.014	0.010
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	200	12	8	35	1	1	2	0.056	5	0	0.037	0.026
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	950	12	8	35	1	1	2	0.066	5	2	0.189	0.100
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	39	12	8	35	1	2	1	0.017	5	0	0.013	0.009
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	180	12	8	35	1	2	2	0.030	5	0	0.021	0.015
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	FLASHING LIGHTS	500	12	8	35	2	1	2	0.061	5	0	0.039	0.021
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	380	12	8	35	2	1	2	0.071	5	0	0.044	0.032
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	4050	12	8	35	2	1	4	0.088	5	0	0.052	0.026
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	780	12	8	35	1	1	2	0.093	5	0	0.054	0.039
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	480	12	8	35	1	1	2	0.078	5	0	0.047	0.034
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	380	12	8	30	1	1	2	0.069	5	0	0.043	0.031
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	25	12	8	30	1	2	1	0.014	5	0	0.010	0.007
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	1300	12	8	35	1	1	2	0.075	5	1	0.123	0.065
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	200	12	8	35	1	2	2	0.031	5	0	0.022	0.016
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	50	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	2300	12	8	35	3	1	4	0.086	5	0	0.051	0.025
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	670	12	8	35	1	1	2	0.088	5	1	0.134	0.096
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	2750	12	8	35	1	1	2	0.051	5	0	0.034	0.017
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	610	12	8	35	1	1	2	0.085	5	0	0.051	0.036
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	360	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	860	12	8	35	2	1	2	0.096	5	0	0.056	0.040
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	7900	12	8	30	1	1	2	0.158	5	0	0.077	0.041
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	60	12	8	35	1	2	2	0.020	5	0	0.015	0.011
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	540	12	8	35	1	1	2	0.081	5	0	0.049	0.035
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	45	12	8	35	1	2	2	0.018	5	0	0.013	0.010
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	135	12	8	35	2	1	2	0.049	5	0	0.033	0.023
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	2	2	0.035	5	2	0.144	0.103
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	0	0.041	0.029
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	1	2	0.063	5	0	0.041	0.029
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	1	0.113	0.081
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	3300	12	8	35	1	1	2	0.110	5	1	0.150	0.079
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	500	12	8	35	1	1	2	0.079	5	0	0.048	0.034

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	10	12	8	35	1	2	2	0.010	5	0	0.008	0.006
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	310	12	8	35	1	1	2	0.066	5	0	0.042	0.030
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	49	12	8	35	1	2	2	0.018	5	0	0.014	0.010
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	570	12	8	35	1	1	2	0.083	5	0	0.050	0.036
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	380	12	8	35	3	2	1	0.039	5	0	0.027	0.019
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	550	12	8	35	1	1	2	0.082	5	1	0.129	0.092
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	175	12	8	35	1	1	2	0.053	5	0	0.035	0.025
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	80	12	8	35	1	2	2	0.022	5	0	0.016	0.012
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	4700	12	8	35	1	1	4	0.183	5	1	0.192	0.102
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	365	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	155	12	8	35	1	1	2	0.051	5	0	0.034	0.024
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	1500	12	8	35	1	1	2	0.080	5	0	0.048	0.026
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	200	12	7.5	35	1	1	2	0.056	5	0	0.037	0.026
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	200	12	7.5	35	1	2	1	0.031	5	0	0.022	0.016
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	3515	12	8	35	1	1	2	0.054	5	0	0.036	0.018
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	2000	12	7.5	35	1	1	2	0.046	5	0	0.031	0.015
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																		
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	2515	14	9	35	4	1	4	0.273	5	0	0.104	0.055
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	6800	14	9	35	3	1	4	0.339	5	0	0.115	0.061
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	5600	14	9	35	1	1	2	0.148	5	0	0.074	0.039
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	125	14	9	35	1	1	2	0.031	5	0	0.022	0.012
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	2700	14	9	35	1	1	2	0.110	5	1	0.150	0.079
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	70	14	9	35	1	2	2	0.023	5	1	0.070	0.050
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	290	14	9	35	1	1	4	0.070	5	0	0.044	0.031
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	100	14	9	35	1	1	4	0.047	5	0	0.032	0.023
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	555	14	9	35	1	1	2	0.089	5	1	0.135	0.096
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	55	14	9	35	1	2	2	0.021	5	2	0.120	0.086
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	10	14	9	35	1	2	1	0.011	5	0	0.009	0.006
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	500	14	9	35	1	1	2	0.086	5	0	0.051	0.037
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	2000	14	9	35	1	1	2	0.097	5	0	0.056	0.030
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	200	14	9	35	1	1	2	0.061	5	1	0.111	0.079
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	2700	14	9	35	1	1	2	0.160	5	0	0.078	0.056
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	7900	14	9	20	1	1	2	0.171	5	0	0.081	0.043
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																		
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	1050	10	6	20	1	1	2	0.063	5	0	0.040	0.021
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	2700	10	6	20	3	1	2	0.063	5	0	0.040	0.020
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	650	10	6	20	1	1	2	0.051	5	0	0.034	0.018
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	2600	10	6	20	1	1	2	0.091	5	1	0.136	0.072
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	810	10	6	20	1	1	2	0.076	5	0	0.047	0.033
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	190	10	6	35	1	2	2	0.028	5	0	0.020	0.014

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	20	10	6.25	35	1	1	2	0.022	5	0	0.016	0.011
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	110	10	6	35	1	2	2	0.022	5	0	0.016	0.012
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	1100	10	6	20	4	1	2	0.085	5	0	0.051	0.036
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	1900	10	6	20	3	1	2	0.056	5	0	0.037	0.018
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	380	10	6	20	1	2	2	0.032	5	0	0.022	0.016
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	275	10	6	35	1	1	2	0.057	5	1	0.107	0.077
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	565	10	6	35	1	1	2	0.075	5	1	0.123	0.088
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	235	10	6	35	1	2	2	0.030	5	0	0.021	0.015
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	85	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	73	10	6	35	1	2	2	0.019	5	0	0.014	0.010
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	39	10	6	35	1	1	2	0.028	5	0	0.020	0.014
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	100	10	6	20	1	2	1	0.019	5	0	0.014	0.010
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	52	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	970	10	6	35	2	1	2	0.091	5	0	0.054	0.038
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	60	10	6	35	3	1	2	0.033	5	0	0.023	0.017
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	55	10	6	35	3	2	1	0.017	5	0	0.013	0.009
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	80	10	6	35	1	1	2	0.036	5	0	0.025	0.018
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	750	10	6	35	1	1	2	0.055	5	0	0.036	0.019
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	100	10	6	20	1	2	2	0.019	5	0	0.014	0.010
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	115	10	6	20	1	2	2	0.020	5	0	0.015	0.011
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	50	10	6	20	1	1	2	0.027	5	1	0.075	0.054
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	5300	10	6	20	1	1	4	0.175	5	0	0.082	0.044
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	630	10	6.25	20	1	2	2	0.038	5	0	0.027	0.019
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	800	10	6	20	1	1	2	0.032	5	0	0.023	0.011
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	650	10	6	20	4	1	2	0.070	5	0	0.044	0.031
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	770	10	6	20	6	1	2	0.144	5	1	0.171	0.091
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	1400	10	6	20	1	1	2	0.070	5	0	0.044	0.023
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	1200	10	6	20	2	1	2	0.088	5	2	0.215	0.154
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	630	10	6	20	1	1	2	0.069	5	1	0.118	0.085
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	1750	10	6	35	1	1	2	0.077	5	1	0.125	0.066
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	970	10	6	35	1	1	2	0.061	5	0	0.039	0.021
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	3500	10	6	35	1	1	2	0.103	5	0	0.058	0.031
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	630	10	6	35	1	2	2	0.043	5	1	0.093	0.066
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	60	10	6	35	1	2	2	0.018	5	0	0.013	0.010
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	80	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	355	10	6	35	1	1	2	0.063	5	0	0.040	0.029
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	780	10	6	35	1	1	2	0.084	5	0	0.050	0.036
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	116	10	6	35	1	2	2	0.023	5	1	0.070	0.050
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	3100	10	6	20	4	1	2	0.173	5	0	0.082	0.043
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	380	10	6	20	4	1	2	0.073	5	0	0.045	0.024
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	900	10	6	20	1	1	2	0.079	5	0	0.048	0.034
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	580	10	6	20	1	1	2	0.067	5	1	0.116	0.083
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	600	10	6	35	1	1	2	0.076	5	2	0.202	0.144
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	130	10	6	35	1	1	2	0.043	5	0	0.030	0.021
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	380	10	6	35	1	2	2	0.036	5	0	0.025	0.018
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	48	10	6	35	1	2	2	0.017	5	0	0.012	0.009
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	480	10	6	35	1	1	2	0.045	5	0	0.031	0.016
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	1250	10	6.25	35	1	1	2	0.100	5	1	0.143	0.102
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	200	10	6.25	35	1	2	2	0.028	5	0	0.020	0.014
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	380	10	6	20	3	1	2	0.058	5	0	0.037	0.027
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	1650	10	6	20	2	1	2	0.091	5	0	0.053	0.028
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	1000	10	6	20	3	1	2	0.082	5	1	0.129	0.092
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	600	10	6	20	1	1	2	0.050	5	0	0.033	0.018
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	160	10	6	30	1	1	2	0.045	5	0	0.031	0.022
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	56	10	6	20	1	2	2	0.016	5	0	0.012	0.008
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	146	10	6	20	1	2	2	0.022	5	0	0.016	0.012
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	1300	10	6	20	4	1	2	0.121	5	0	0.065	0.035
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	380	10	6	20	4	2	2	0.032	5	0	0.022	0.016
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	73	10	6	40	1	2	2	0.020	5	0	0.015	0.011
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	380	10	6	35	3	1	2	0.060	5	0	0.039	0.021
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	1300	10	6	35	2	1	2	0.083	5	0	0.050	0.026
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	99	10	6	35	1	2	2	0.022	5	0	0.016	0.011
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	510	10	6	35	2	1	2	0.056	5	0	0.037	0.019
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	320	10	6	35	1	1	2	0.061	5	0	0.039	0.028
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	125	10	6	35	1	1	2	0.043	5	0	0.029	0.021
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	44	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	530	10	6	35	1	1	2	0.073	5	0	0.045	0.032
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	49	10	6	35	1	2	2	0.017	5	1	0.062	0.045
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	900	10	6	35	2	1	2	0.071	5	0	0.044	0.023
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																		
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	1000	8	5	35	2	1	2	0.066	5	0	0.042	0.022
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	55	8	5	35	1	2	2	0.015	5	0	0.012	0.008
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	55	8	5	20	1	2	2	0.014	5	0	0.010	0.007
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	37	8	5	20	1	2	2	0.012	5	0	0.009	0.006
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	1450	8	5	30	5	1	4	0.084	5	0	0.050	0.025
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	2200	8	5	30	2	1	2	0.046	5	1	0.096	0.047
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	650	10	6	30	1	1	2	0.076	5	0	0.047	0.033
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	320	10	6	30	1	1	2	0.058	5	2	0.178	0.128
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009

Pre-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	225	10	6	30	1	1	2	0.051	5	0	0.034	0.024
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	1350	10	6	30	1	1	2	0.069	5	0	0.043	0.023
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	155	10	6	30	1	1	2	0.045	5	0	0.030	0.022
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	73	10	6	30	1	2	2	0.019	5	0	0.014	0.010
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	5	10	6	30	1	2	2	0.007	5	0	0.005	0.004
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	1050	10	6	35	2	1	2	0.076	5	1	0.124	0.065
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	710	10	6	30	1	1	2	0.053	5	0	0.035	0.019
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	38	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	45	10	6	30	1	2	2	0.016	5	0	0.012	0.008
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	495	10	6	30	1	1	2	0.046	5	0	0.031	0.016
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	55	10	6	30	1	1	2	0.030	5	0	0.022	0.016
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	50	10	6	30	1	1	2	0.029	5	0	0.021	0.015
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	16	10	6	30	1	2	2	0.011	5	0	0.008	0.006
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	15	10	6	30	1	2	2	0.010	5	0	0.008	0.006
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	380	10	6	30	1	2	2	0.034	5	0	0.024	0.017
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	380	10	6	30	1	1	2	0.062	5	1	0.112	0.080
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	3150	10	6	30	2	1	2	0.056	5	0	0.037	0.018
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	1000	10	6	30	2	1	2	0.040	5	0	0.028	0.014
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	59	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	95	10	6	30	1	2	2	0.020	5	0	0.015	0.011
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	1100	10	6	30	1	1	2	0.035	5	0	0.025	0.012
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	450	10	6	30	1	1	2	0.066	5	1	0.115	0.083
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	450	10	6	30	1	1	2	0.044	5	0	0.030	0.016
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	50	10	6	30	1	2	2	0.016	5	0	0.012	0.009
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	150	10	6	30	1	1	2	0.044	5	0	0.030	0.021
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	23	10	6	30	1	2	2	0.012	5	0	0.009	0.007
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	75	10	6	30	1	1	2	0.034	5	0	0.024	0.017
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	720	10	6	30	1	2	2	0.043	5	0	0.030	0.021
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	40	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	110	10	6	30	1	1	2	0.039	5	0	0.027	0.019
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	44	10	6	30	1	2	2	0.015	5	0	0.012	0.008

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																			
19317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	21	13	49	2	2	1	0.064	5	0	0.041	0.029
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	21	13	49	2	2	1	0.036	5	0	0.025	0.018
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	21	13	49	2	1	2	0.159	5	0	0.078	0.041
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1750	21	13	49	2	1	2	0.138	5	0	0.071	0.038
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	55	21	13	25	1	2	2	0.024	5	0	0.018	0.013
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	21	13	49	1	1	2	0.116	5	0	0.063	0.034
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	21	13	49	2	1	2	0.066	5	0	0.042	0.021
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																			
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	21	13.13	49	1	2	1	0.029	5	0	0.021	0.015
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	21	13	49	2	1	2	0.085	5	0	0.051	0.036
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	21	13	49	2	1	2	0.107	5	2	0.236	0.125
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	21	13.13	49	2	2	1	0.026	5	0	0.019	0.013
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	21	13	49	2	2	2	0.045	5	0	0.030	0.022
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	21	13.13	49	2	2	2	0.066	5	0	0.042	0.030
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	21	13	49	2	1	2	0.108	5	0	0.060	0.043
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	21	13	49	2	1	4	0.114	5	0	0.063	0.031
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	21	13	49	1	1	2	0.140	5	0	0.072	0.052
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	21	13	49	1	1	2	0.117	5	0	0.064	0.046
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	21	13	49	2	2	2	0.022	5	0	0.016	0.011
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	21	13	49	2	2	2	0.022	5	0	0.016	0.011
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	21	13	49	2	2	1	0.022	5	0	0.016	0.011
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	21	13	49	2	1	2	0.122	5	1	0.158	0.084
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	21	13	49	1	2	2	0.047	5	0	0.032	0.023
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	21	13	49	3	1	4	0.112	5	0	0.062	0.030
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	21	13	49	2	1	2	0.133	5	1	0.165	0.118
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	21	13	49	2	1	2	0.076	5	0	0.047	0.023
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	21	13	49	2	1	2	0.128	5	0	0.068	0.049
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	21	13	49	2	1	2	0.106	5	0	0.059	0.042
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	21	13	49	2	1	2	0.146	5	0	0.074	0.053
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	21	13	49	1	1	2	0.211	5	0	0.092	0.048
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	21	13	49	1	2	2	0.030	5	0	0.021	0.015
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	21	13	49	1	1	2	0.123	5	0	0.066	0.047
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	21	13	49	1	2	2	0.027	5	0	0.019	0.014
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	21	13	49	2	1	2	0.073	5	0	0.045	0.033
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	2	0.180	0.129
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	2	1	2	0.108	5	0	0.060	0.043
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	2	1	2	0.108	5	1	0.148	0.106
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	21	13	49	1	1	2	0.147	5	1	0.174	0.092
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	21	13	49	1	1	2	0.119	5	0	0.065	0.046
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	21	13	49	1	2	2	0.015	5	0	0.012	0.008
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	21	13	49	1	1	2	0.100	5	0	0.057	0.041
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	21	13	49	2	1	2	0.125	5	0	0.067	0.048
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	21	13	49	4	2	1	0.059	5	0	0.038	0.027
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	21	13	49	2	1	2	0.123	5	1	0.159	0.114
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	175	21	13	49	1	1	2	0.081	5	0	0.049	0.035
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	21	13.13	49	1	2	2	0.029	5	0	0.021	0.015
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	21	13	49	1	2	2	0.033	5	0	0.024	0.017
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	21	13	49	1	1	4	0.246	5	1	0.218	0.116
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	21	13	49	1	1	2	0.106	5	0	0.060	0.043
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	21	13	49	1	1	2	0.077	5	0	0.047	0.034
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	21	13	49	1	1	2	0.107	5	0	0.060	0.032
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	21	13.125	49	1	1	2	0.085	5	0	0.051	0.036
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	21	13.125	49	1	2	1	0.047	5	0	0.032	0.023
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	21	13	49	1	1	2	0.071	5	0	0.044	0.022
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	21	13.125	49	1	1	2	0.060	5	0	0.039	0.019
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																			
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	21	13	49	4	1	4	0.338	5	0	0.115	0.061
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	21	13	49	3	1	4	0.419	5	0	0.125	0.066
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	21	13	49	1	1	2	0.183	5	0	0.085	0.045
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	125	21	13	49	1	1	2	0.038	5	0	0.027	0.014
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	21	13	49	1	1	2	0.136	5	1	0.167	0.088
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	70	21	13	49	1	2	2	0.032	5	1	0.081	0.058
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	290	21	13	49	2	1	4	0.097	5	0	0.056	0.040
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	21	13	49	2	1	4	0.066	5	0	0.042	0.030
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	21	13	49	2	1	2	0.124	5	1	0.159	0.114
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	2	0.134	0.096
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	21	13	49	1	2	1	0.015	5	0	0.012	0.008
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	21	13	49	1	1	2	0.119	5	0	0.065	0.046
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2000	21	13	49	1	1	2	0.120	5	0	0.065	0.034
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	21	13	49	1	1	2	0.085	5	1	0.131	0.094
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	21	13	49	1	1	2	0.222	5	0	0.094	0.067
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	7900	21	13	49	1	1	2	0.211	5	0	0.092	0.048
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																			
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	21	13	49	1	1	2	0.092	5	0	0.054	0.029

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	21	13	49	3	1	2	0.088	5	0	0.052	0.026
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	21	13	49	2	1	2	0.092	5	0	0.054	0.028
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	21	13	49	2	1	2	0.162	5	1	0.182	0.096
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	21	13	49	2	1	2	0.142	5	0	0.073	0.052
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	21	13	49	1	2	2	0.046	5	0	0.031	0.022
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	21	13	49	1	2	2	0.015	5	0	0.012	0.008
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	21	13.125	49	1	1	2	0.036	5	0	0.025	0.018
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	21	13	49	1	2	2	0.037	5	0	0.026	0.019
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	21	13.13	49	1	2	2	0.036	5	0	0.025	0.018
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	21	13	49	4	1	2	0.160	5	0	0.078	0.056
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	21	13	49	3	1	2	0.080	5	0	0.048	0.024
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	0	0.038	0.027
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	21	13	49	1	1	2	0.096	5	1	0.140	0.100
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	565	21	13	49	1	1	2	0.125	5	1	0.160	0.114
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	235	21	13	49	1	2	2	0.050	5	0	0.033	0.024
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	85	21	13	49	1	2	2	0.034	5	0	0.024	0.017
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	21	13	49	1	2	2	0.032	5	0	0.023	0.016
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	21	13	49	2	1	2	0.046	5	0	0.031	0.022
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	PASSIVE	100	21	13.13	49	2	2	1	0.036	5	0	0.025	0.018
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	21	13	49	1	2	2	0.028	5	0	0.020	0.015
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	21	13	49	2	1	2	0.152	5	0	0.076	0.054
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	21	13	49	3	1	2	0.054	5	0	0.036	0.026
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	21	13	49	3	2	1	0.029	5	0	0.021	0.015
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	21	13	49	1	1	2	0.078	5	0	0.048	0.034
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	21	13	49	1	1	2	0.060	5	0	0.039	0.028
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	21	13	49	1	1	2	0.080	5	0	0.049	0.026
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	21	13	49	1	2	2	0.038	5	0	0.026	0.019
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	21	13	49	1	1	2	0.051	5	1	0.101	0.072
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	5300	21	13	49	1	1	4	0.258	5	0	0.102	0.054
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	21	13.125	49	1	2	2	0.071	5	0	0.044	0.032
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	21	13	49	1	1	2	0.046	5	0	0.031	0.015
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	650	21	13	49	4	1	2	0.131	5	0	0.069	0.049
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	21	13	49	6	1	2	0.212	5	1	0.205	0.108
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	21	13	49	1	1	2	0.104	5	0	0.059	0.031
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1200	21	13	49	2	1	2	0.165	5	2	0.287	0.205
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	21	13	49	1	1	2	0.130	5	1	0.163	0.117
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	21	13	49	2	1	2	0.138	5	1	0.168	0.089
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	21	13	49	2	1	2	0.108	5	0	0.060	0.032
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500	21	13.125	49	2	1	2	0.183	5	0	0.085	0.045
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	21	13	49	2	2	2	0.071	5	1	0.120	0.086
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	60	21	13	49	2	2	2	0.030	5	0	0.021	0.015
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	21	13	49	1	2	2	0.026	5	0	0.019	0.013
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	21	13	49	1	2	2	0.033	5	0	0.024	0.017
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	355	21	13	49	1	1	2	0.105	5	0	0.059	0.042
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	21	13	49	1	1	2	0.140	5	0	0.072	0.052
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	160	21	13	49	1	1	2	0.078	5	0	0.048	0.034
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	21	13	49	1	2	2	0.038	5	1	0.088	0.063
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	21	13	49	4	1	2	0.255	5	0	0.101	0.053
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	380	21	13	49	4	1	2	0.108	5	0	0.060	0.032
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	900	21	13	49	1	1	2	0.148	5	0	0.074	0.053
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	580	21	13	49	2	1	2	0.126	5	1	0.161	0.115
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	21	13	49	2	2	2	0.026	5	0	0.019	0.013
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	600	21	13	49	2	1	2	0.127	5	2	0.256	0.183
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	21	13	49	2	1	2	0.072	5	0	0.045	0.032
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	21	13	49	2	2	2	0.059	5	0	0.038	0.027
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	21	13	49	2	2	2	0.028	5	0	0.020	0.014
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	480	21	13	49	2	1	2	0.081	5	0	0.049	0.026
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	21	13.125	49	1	1	2	0.167	5	1	0.184	0.132
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	21	13.125	49	1	2	2	0.047	5	0	0.032	0.023
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	21	13	49	3	1	2	0.108	5	0	0.060	0.043
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	21	13	49	2	1	2	0.134	5	0	0.070	0.037
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	1000	21	13	49	3	1	2	0.154	5	1	0.177	0.127
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	0	0.060	0.043
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	600	21	13	49	1	1	2	0.073	5	0	0.045	0.024
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	21	13	49	1	1	2	0.078	5	0	0.048	0.034
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	56	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	21	13	49	1	2	2	0.042	5	0	0.029	0.020
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	21	13	49	4	1	2	0.179	5	0	0.083	0.044
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	21	13	49	4	2	2	0.059	5	0	0.038	0.027
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	21	13	49	1	2	2	0.032	5	0	0.023	0.016
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	21	13	49	4	1	2	0.108	5	0	0.060	0.032
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	21	13	49	2	1	2	0.122	5	0	0.066	0.035
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	21	13	49	2	2	2	0.036	5	0	0.025	0.018
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	21	13	49	3	1	2	0.100	5	0	0.057	0.030
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	21	13	49	2	1	2	0.101	5	0	0.058	0.041
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	21	13	49	2	1	2	0.071	5	0	0.044	0.032
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	21	13	49	1	2	2	0.027	5	0	0.019	0.014
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	21	13	49	1	1	2	0.122	5	0	0.066	0.047
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	21	13	49	1	2	2	0.028	5	1	0.076	0.054
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	21	13	49	2	1	2	0.105	5	0	0.059	0.031

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																			
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	21	13	49	2	1	2	0.109	5	0	0.061	0.032
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	40	21	13	49	2	2	2	0.026	5	0	0.019	0.013
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	21	13	49	2	2	2	0.026	5	0	0.019	0.013
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	21	13	49	1	2	2	0.025	5	0	0.018	0.013
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	21	13	49	5	1	4	0.132	5	0	0.069	0.034
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	21	13	49	2	1	2	0.072	5	1	0.120	0.059
Segment 6 Brookings to Tracy MP 226.6 to 290.0																			
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	21	13	49	1	1	2	0.131	5	0	0.069	0.049
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	21	13	49	1	1	2	0.101	5	2	0.230	0.164
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	21	13	49	2	1	2	0.089	5	0	0.052	0.037
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	21	13	49	2	1	2	0.124	5	0	0.066	0.035
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	21	13	49	1	1	2	0.077	5	0	0.047	0.034
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	21	13	49	1	2	2	0.032	5	0	0.023	0.016
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	21	13	49	1	2	2	0.012	5	0	0.009	0.007
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	21	13	49	2	1	2	0.112	5	1	0.151	0.080
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	21	13	49	1	1	2	0.078	5	0	0.048	0.025
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	21	13	49	2	2	2	0.025	5	0	0.018	0.013
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	21	13	49	2	2	2	0.027	5	0	0.019	0.014
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	21	13	49	2	1	2	0.082	5	0	0.049	0.026
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	21	13	49	2	1	2	0.053	5	0	0.035	0.025
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	21	13	49	1	1	2	0.051	5	0	0.034	0.024
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	21	13	49	1	2	2	0.018	5	0	0.014	0.010
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	21	13	49	1	2	2	0.018	5	0	0.013	0.010
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	21	13	49	1	2	2	0.059	5	0	0.038	0.027
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	21	13	49	1	1	2	0.108	5	1	0.148	0.106
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	21	13	49	2	1	2	0.080	5	0	0.048	0.024
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	21	13	49	2	1	2	0.057	5	0	0.037	0.018
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	21	13	49	2	2	2	0.030	5	0	0.021	0.015
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	21	13	49	2	2	2	0.035	5	0	0.025	0.018
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	2	2	2	0.029	5	0	0.021	0.015
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	21	13	40	1	1	2	0.050	5	0	0.033	0.016
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	21	13	49	1	1	2	0.115	5	1	0.153	0.110

Post-Construction Accident Prediction Summary
Minnesota 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	21	13	49	1	2	2	0.029	5	0	0.021	0.015
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	21	13	49	1	1	2	0.065	5	0	0.041	0.022
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	21	13	49	1	1	2	0.076	5	0	0.047	0.033
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	21	13	49	1	2	2	0.021	5	0	0.016	0.011
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	21	13	49	2	1	2	0.059	5	0	0.038	0.027
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	21	13	49	2	2	2	0.075	5	0	0.046	0.033
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	21	13	49	2	2	2	0.026	5	0	0.019	0.013
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	21	13	49	2	1	2	0.068	5	0	0.043	0.031
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	21	13	49	2	2	2	0.027	5	0	0.019	0.014

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
Winona County																	
193317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	1	0	0.020	0.029	B	0.009	106	NO	NO
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	1	0	0.012	0.018	B	0.006	160	NO	NO
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	2	0	0.028	0.041	B	0.0133	75	NO	NO
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1075	2	0	0.025	0.038	B	0.0126	79	NO	NO
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	100	2	0	0.009	0.013	B	0.0036	277	NO	NO
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	2	0	0.025	0.034	B	0.0082	122	NO	NO
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	2	0	0.014	0.021	B	0.0070	143	NO	NO
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	1	0	0.010	0.015	B	0.005	199	NO	NO
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0050	199	NO	NO
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	2	0	0.026	0.036	B	0.0100	100	NO	NO
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	2	2	0.100	0.125	A	0.0250	40	YES	YES
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	1	0	0.009	0.013	B	0.004	238	NO	NO
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	2	0	0.015	0.022	B	0.0066	152	NO	NO
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	100	2	0	0.010	0.015	B	0.0047	214	NO	NO
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	2	0	0.021	0.030	B	0.009	113	NO	NO
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	2	0	0.032	0.043	B	0.0113	88	NO	NO
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	4	0	0.026	0.031	B	0.0053	190	NO	NO
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	2	0	0.039	0.052	B	0.0127	79	NO	NO
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	2	0	0.034	0.046	B	0.0118	85	NO	NO
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	2	0	0.031	0.043	B	0.0123	81	NO	NO
							Total			**2**	**0.514**	**0.707**		**0.1938**	**5**	**Number of crossings**	
							Minimum				**0.009**	**0.013**		**0.0036**	**277**	**In the County =**	**22**
							Maximum				**0.100**	**0.125**		**0.0250**	**40**		
Olmsted County																	
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	2	0	0.008	0.011	B	0.0036	274	NO	NO
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	2	0	0.008	0.011	B	0.0036	274	NO	NO
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	1	0	0.007	0.011	B	0.0039	255	NO	NO
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	1	0.065	0.084	B	0.0184	54	NO	NO
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	2	0	0.016	0.023	B	0.0068	147	NO	NO
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	2	0	0.010	0.014	B	0.0045	220	NO	NO
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	4	0	0.025	0.030	B	0.0052	191	NO	NO
							Total			**1**	**0.139**	**0.185**		**0.0462**	**22**	**Number of crossings**	
							Minimum				**0.007**	**0.011**		**0.0036**	**274**	**In the County =**	**7**
							Maximum				**0.065**	**0.084**		**0.0184**	**54**		
Dodge County																	
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	2	1	0.096	0.118	B	0.0224	45	NO	NO
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	2	0	0.017	0.023	B	0.0065	154	NO	NO
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	2	0	0.036	0.049	B	0.0122	82	NO	NO
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	2	0	0.031	0.042	B	0.0112	89	NO	NO
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	2	0	0.040	0.053	B	0.0129	78	NO	NO
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	2	0	0.041	0.048	B	0.0075	133	NO	NO
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	2	0	0.011	0.015	B	0.0048	208	NO	NO
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	2	0	0.035	0.047	B	0.0120	83	NO	NO
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	2	0	0.010	0.014	B	0.0044	228	NO	NO
193359K	006840	MN	DODGE	AIRPORT DRIVE S.	DODGE CENTER	PASSIVE	PASSIVE	135	2	0	0.023	0.033	B	0.0092	109	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	2	0.103	0.129	A	0.0257	39	YES	YES
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.029	0.043	B	0.0141	71	NO	NO
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.029	0.043	B	0.0141	71	NO	NO
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	2	1	0.081	0.106	B	0.0254	39	NO	NO
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.032	0.043	B	0.0113	88	NO	NO
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.032	0.043	B	0.0113	88	NO	NO
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	2	1	0.079	0.092	B	0.0124	81	NO	NO
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	2	0	0.034	0.046	B	0.0119	84	NO	NO
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	2	0	0.006	0.008	B	0.0027	370	NO	NO
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	2	0	0.030	0.041	B	0.0109	92	NO	NO
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	2	0	0.010	0.014	B	0.0045	222	NO	NO
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	2	0	0.036	0.048	B	0.0121	82	NO	NO
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	1	0	0.019	0.027	B	0.0080	125	NO	NO
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	2	1	0.092	0.114	B	0.0217	46	NO	NO
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
							Total			6	1.002	1.314		0.3127	3	Number of crossings	
							Minimum				0.006	0.008		0.0027	370	in the County =	29
							Maximum				0.103	0.129		0.0257	39		
Steele County																	
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	250	2	0	0.025	0.035	B	0.0097	103	NO	NO
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.005	214	NO	NO
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	2	0	0.012	0.017	B	0.0052	191	NO	NO
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	4	1	0.102	0.116	B	0.0138	73	NO	NO
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	2	0	0.031	0.043	B	0.0113	89	NO	NO
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	2	0	0.010	0.015	B	0.0047	214	NO	NO
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	2	0	0.024	0.034	B	0.0095	105	NO	NO
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	2	0	0.026	0.032	B	0.0061	165	NO	NO
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	2	0	0.026	0.036	B	0.0100	100	NO	NO
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	1	0	0.016	0.023	B	0.0068	147	NO	NO
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	2	0	0.018	0.022	B	0.0041	243	NO	NO
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	2	0	0.015	0.019	B	0.0037	270	NO	NO
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	4	0	0.055	0.061	B	0.0055	181	NO	NO
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	4	0	0.061	0.066	B	0.0054	187	NO	NO
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	2	0	0.039	0.045	B	0.0054	187	NO	NO
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2000	2	0	0.012	0.014	B	0.0024	418	NO	NO
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	2	1	0.079	0.088	B	0.0089	113	NO	NO
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	2000	2	1	0.050	0.058	B	0.0074	134	NO	NO
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	145	4	0	0.031	0.040	B	0.0088	114	NO	NO
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	4	0	0.023	0.030	B	0.0070	142	NO	NO
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	2	1	0.096	0.114	B	0.0176	57	NO	NO
							Total			4	0.773	0.936		0.1626	6	Number of crossings	
							Minimum				0.010	0.014		0.0024	418	in the County =	22

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
							Maximum				0.102	0.116		0.0176	57		
Waseca County																	
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	2	2	0.086	0.096	B	0.0100	100	NO	NO
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	1	0	0.006	0.008	B	0.0022	448	NO	NO
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	2	0	0.037	0.046	B	0.0096	104	NO	NO
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2800	2	0	0.030	0.034	B	0.0047	212	NO	NO
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	2	1	0.079	0.094	B	0.0147	68	NO	NO
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	2	0	0.056	0.067	B	0.0115	87	NO	NO
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	8900	2	0	0.043	0.048	B	0.0055	182	NO	NO
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	0	0.021	0.029	B	0.0073	137	NO	NO
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	2	0	0.020	0.026	B	0.0060	166	NO	NO
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	2	0	0.018	0.028	B	0.0103	97	NO	NO
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	2	1	0.072	0.096	B	0.0241	41	NO	NO
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	2	0	0.033	0.052	B	0.0186	54	NO	NO
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	2	0	0.008	0.015	B	0.0065	153	NO	NO
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	2	0	0.014	0.022	B	0.0080	125	NO	NO
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	2	0	0.005	0.008	B	0.0032	311	NO	NO
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	2	0	0.011	0.018	B	0.0067	150	NO	NO
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	2	0	0.012	0.019	B	0.0069	146	NO	NO
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	2	0	0.011	0.018	B	0.007	150	NO	NO
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	2	0	0.036	0.056	B	0.0194	52	NO	NO
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	2	0	0.018	0.024	B	0.0057	175	NO	NO
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	2	0	0.027	0.043	B	0.0163	61	NO	NO
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	2	0	0.016	0.027	B	0.0113	88	NO	NO
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	2	1	0.077	0.100	B	0.0232	43	NO	NO
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	460	2	1	0.088	0.114	B	0.0264	38	NO	NO
							Total			6	0.8343	1.1049		0.2706	4	Number of crossings	
							Minimum				0.0051	0.0083		0.0022	448	in the County =	25
							Maximum				0.088	0.114		0.0264	38		
Blue Earth County																	
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	90	2	0	0.015	0.024	B	0.0085	118	NO	NO
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	10	2	0	0.011	0.018	B	0.0067	150	NO	NO
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	75	2	0	0.011	0.017	B	0.0064	157	NO	NO
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	2	0	0.010	0.016	B	0.0061	165	NO	NO
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	2	0	0.014	0.022	B	0.0081	124	NO	NO
193509R	14720	MN	BLUE EARTH	Twp. 461	MANKATO	PASSIVE	PASSIVE	100	1	0	0.010	0.018	B	0.008	128	NO	NO
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	2	0	0.009	0.015	B	0.0055	183	NO	NO
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	2	0	0.038	0.054	B	0.0159	63	NO	NO
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	2	0	0.017	0.026	B	0.0091	110	NO	NO
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	1	0	0.009	0.015	B	0.0056	180	NO	NO
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	150	2	0	0.023	0.034	B	0.0115	87	NO	NO
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	2	0	0.018	0.028	B	0.0098	103	NO	NO
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	2	0	0.019	0.026	B	0.0068	148	NO	NO
							Total			0	0.205	0.313		0.1075	9	Number of crossings	
							Minimum				0.009	0.015		0.0055	183	in the County =	13

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency		Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
											Pre-Construction	Post-Construction					
							Maximum				0.038	0.054		0.0159	63		
Brown County																	
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	2	0	0.010	0.018	B	0.008	128	NO	NO
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	2	0	0.011	0.019	B	0.0082	123	NO	NO
192523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	2	1	0.054	0.072	B	0.018	55	NO	NO
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	4500	4	0	0.044	0.054	B	0.0101	99	NO	NO
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	2	0	0.019	0.032	B	0.013	78	NO	NO
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	2	0	0.011	0.015	B	0.0040	253	NO	NO
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	550	2	0	0.031	0.049	B	0.0179	56	NO	NO
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	600	2	1	0.091	0.108	B	0.0178	56	NO	NO
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	2	0	0.023	0.031	B	0.0078	129	NO	NO
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1100	2	2	0.154	0.205	A	0.0509	20	YES	YES
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	2	1	0.085	0.117	B	0.0321	31	NO	NO
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	2	1	0.066	0.089	B	0.0227	44	NO	NO
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	2	0	0.021	0.032	B	0.0113	89	NO	NO
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3000	2	0	0.031	0.045	B	0.0139	72	NO	NO
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	2	1	0.066	0.086	B	0.0196	51	NO	NO
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	75	2	0	0.010	0.015	B	0.0057	175	NO	NO
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	2	0	0.008	0.013	B	0.0050	198	NO	NO
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	2	0	0.011	0.017	B	0.0062	160	NO	NO
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	790	2	0	0.029	0.042	B	0.0135	74	NO	NO
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	2	0	0.036	0.052	B	0.0154	65	NO	NO
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	140	2	0	0.023	0.034	B	0.0115	87	NO	NO
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	2	1	0.050	0.063	B	0.0125	80	NO	NO
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3400	2	0	0.043	0.053	B	0.0101	99	NO	NO
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	2	0	0.024	0.032	B	0.0079	126	NO	NO
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	1200	2	0	0.034	0.053	B	0.0188	53	NO	NO
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	850	2	1	0.083	0.115	B	0.0317	32	NO	NO
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	2	0	0.008	0.015	B	0.0065	153	NO	NO
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	2	0	0.008	0.013	B	0.0050	198	NO	NO
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	300	2	2	0.144	0.183	A	0.0385	26	YES	YES
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	2	0	0.021	0.032	B	0.0110	91	NO	NO
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	2	0	0.018	0.027	B	0.0096	104	NO	NO
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	2	0	0.009	0.014	B	0.0053	187	NO	NO
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	370	2	0	0.016	0.026	B	0.0096	104	NO	NO
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	2	1	0.102	0.132	A	0.0295	34	YES	YES
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	2	0	0.014	0.023	B	0.0081	123	NO	NO
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.043	B	0.0163	61	NO	NO
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.043	B	0.0163	61	NO	NO
193614S	019310	MN	BROWN	CASS ST	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	2	0	0.028	0.037	B	0.0087	115	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	770	2	1	0.092	0.127	A	0.0344	29	YES	YES
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.043	B	0.0163	61	NO	NO
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	410	2	0	0.018	0.024	B	0.0064	156	NO	NO
193710U	019760	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	160	2	0	0.022	0.034	B	0.0122	82	NO	NO
							Total			13	1.707	2.368		0.6613	2	Number of crossings	
							Minimum				0.008	0.013		0.0040	253	In the County =	48
							Maximum				0.154	0.205		0.0509	20		
Redwood County																	
193711B	020050	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	56	2	0	0.008	0.015	B	0.0066	152	NO	NO
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	2	0	0.012	0.020	B	0.0087	114	NO	NO
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	0	0.035	0.044	B	0.0095	105	NO	NO
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	2	0	0.016	0.027	B	0.0113	88	NO	NO
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	2	0	0.011	0.016	B	0.0057	175	NO	NO
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	2	0	0.021	0.032	B	0.0113	89	NO	NO
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	0	0.026	0.035	B	0.0084	120	NO	NO
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	2	0	0.011	0.018	B	0.0066	150	NO	NO
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	2	0	0.019	0.030	B	0.0109	92	NO	NO
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	2	0	0.028	0.041	B	0.0133	75	NO	NO
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0056	180	NO	NO
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	2	0	0.021	0.032	B	0.0109	92	NO	NO
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	2	0	0.009	0.014	B	0.0052	192	NO	NO
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	2	0	0.032	0.047	B	0.0145	69	NO	NO
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	2	1	0.045	0.054	B	0.0097	103	NO	NO
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	2	0	0.023	0.031	B	0.0078	128	NO	NO
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	2	0	0.022	0.032	B	0.0101	99	NO	NO
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	55	2	0	0.007	0.013	B	0.0059	168	NO	NO
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	2	0	0.007	0.013	B	0.0059	168	NO	NO
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	2	0	0.008	0.015	B	0.0066	152	NO	NO
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	2	0	0.007	0.015	B	0.0074	135	NO	NO
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	2	0	0.006	0.013	B	0.0066	153	NO	NO
							Total			1	0.404	0.604		0.1996	5	Number of crossings	
							Minimum				0.006	0.013		0.0052	192	In the County =	24
							Maximum				0.045	0.054		0.0145	69		
Lyon County																	
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	4	0	0.025	0.034	B	0.0093	108	NO	NO
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	2	1	0.047	0.059	B	0.0121	83	NO	NO
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	2	0	0.033	0.049	B	0.0160	62	NO	NO
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	2	2	0.128	0.164	A	0.0368	27	YES	YES
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	2	0	0.024	0.037	B	0.0132	76	NO	NO
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	2	0	0.023	0.035	B	0.0120	83	NO	NO
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO

Pre/Post-Construction Accident Prediction Comparison
Minnesota 50 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	2	0	0.022	0.034	B	0.0121	82	NO	NO
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	2	0	0.010	0.016	B	0.0064	155	NO	NO
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	2	0	0.004	0.007	B	0.0027	372	NO	NO
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	1	0.065	0.080	B	0.0145	69	NO	NO
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	2	0	0.019	0.025	B	0.0067	150	NO	NO
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	2	0	0.008	0.013	B	0.0053	190	NO	NO
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	2	0	0.008	0.014	B	0.0055	180	NO	NO
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	2	0	0.016	0.026	B	0.0097	103	NO	NO
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	2	0	0.016	0.025	B	0.0094	106	NO	NO
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	2	0	0.015	0.024	B	0.0092	109	NO	NO
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	2	0	0.006	0.010	B	0.0040	252	NO	NO
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	2	0	0.006	0.010	B	0.0039	257	NO	NO
							Total			4	0.537	0.767		0.2300	4	Number of crossings	
							Minimum				0.004	0.007		0.0027	372	In the County =	25
							Maximum				0.128	0.164		0.0368	27		
Lincoln County																	
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	2	0	0.017	0.027	B	0.0102	98	NO	NO
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	2	1	0.080	0.106	B	0.0263	38	NO	NO
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	2	0	0.018	0.024	B	0.0057	176	NO	NO
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	2	0	0.014	0.018	B	0.0046	217	NO	NO
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	2	0	0.009	0.015	B	0.0060	166	NO	NO
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	2	0	0.011	0.018	B	0.0070	144	NO	NO
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	2	0	0.012	0.016	B	0.0042	236	NO	NO
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	2	1	0.083	0.110	B	0.0271	37	NO	NO
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.015	B	0.0059	169	NO	NO
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	2	0	0.016	0.022	B	0.0060	168	NO	NO
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	2	0	0.009	0.014	B	0.0057	175	NO	NO
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	2	0	0.021	0.033	B	0.0120	83	NO	NO
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	2	0	0.007	0.011	B	0.0045	223	NO	NO
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	2	0	0.017	0.027	B	0.0102	98	NO	NO
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	2	0	0.021	0.033	B	0.0119	84	NO	NO
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	2	0	0.008	0.013	B	0.0053	187	NO	NO
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	2	0	0.019	0.031	B	0.0112	89	NO	NO
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	2	0	0.008	0.014	B	0.0055	182	NO	NO
							Total			2	0.424	0.623		0.1989	5	Number of crossings	
							Minimum				0.007	0.011		0.0042	236	In the County =	23
							Maximum				0.083	0.110		0.0271	37		

Pre-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																		
193171H	000520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	460	10	6	40	1	2	1	0.040	5	0	0.027	0.020
193197K	000620	MN	WINONA	Canton Mills	MINNESOTA CITY	PASSIVE	100	10	6	40	1	2	1	0.023	5	0	0.017	0.012
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	2500	10	6	30	1	1	2	0.089	5	0	0.053	0.028
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	1750	10	6	30	1	1	2	0.077	5	0	0.047	0.025
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	1850	10	6	30	1	1	2	0.079	5	0	0.048	0.025
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	1700	10	6	30	1	1	2	0.040	5	0	0.028	0.014
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																		
193210W	1900	MN	WINONA	Golf Crossing		PASSIVE	55	12	8	30	1	2	1	0.018	5	0	0.014	0.010
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	55	12	8	30	1	2	2	0.018	5	0	0.014	0.010
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	200	12	8	35	1	1	2	0.056	5	0	0.037	0.026
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	950	12	8	35	1	1	2	0.066	5	2	0.189	0.100
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	39	12	8	35	1	2	1	0.017	5	0	0.013	0.009
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	180	12	8	35	1	2	2	0.030	5	0	0.021	0.015
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	FLASHING LIGHTS	500	12	8	35	2	1	2	0.061	5	0	0.039	0.021
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	380	12	8	35	2	1	2	0.071	5	0	0.044	0.032
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	4050	12	8	35	2	1	4	0.088	5	0	0.052	0.026
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	780	12	8	35	1	1	2	0.093	5	0	0.054	0.039
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	480	12	8	35	1	1	2	0.078	5	0	0.047	0.034
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	380	12	8	30	1	1	2	0.069	5	0	0.043	0.031
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	25	12	8	35	1	2	2	0.014	5	0	0.011	0.008
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	25	12	8	30	1	2	1	0.014	5	0	0.010	0.007
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	1300	12	8	35	1	1	2	0.075	5	1	0.123	0.065
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	200	12	8	35	1	2	2	0.031	5	0	0.022	0.016
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	50	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	2300	12	8	35	3	1	4	0.086	5	0	0.051	0.025
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	670	12	8	35	1	1	2	0.088	5	1	0.134	0.096
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	2750	12	8	35	1	1	2	0.051	5	0	0.034	0.017
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	610	12	8	35	1	1	2	0.085	5	0	0.051	0.036
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	360	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	860	12	8	35	2	1	2	0.096	5	0	0.056	0.040
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	7900	12	8	30	1	1	2	0.158	5	0	0.077	0.041
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	60	12	8	35	1	2	2	0.020	5	0	0.015	0.011
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	540	12	8	35	1	1	2	0.081	5	0	0.049	0.035
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	45	12	8	35	1	2	2	0.018	5	0	0.013	0.010
193359K	006840	MN	DODGE	AIRPORT DRIVE N.	DODGE CENTER	PASSIVE	135	12	8	35	2	1	2	0.049	5	0	0.033	0.023
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	2	2	0.035	5	2	0.144	0.103
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	0	0.041	0.029
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	380	12	8	20	1	1	2	0.063	5	0	0.041	0.029
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	380	12	8	20	2	1	2	0.063	5	1	0.113	0.081
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	380	12	8	35	1	1	2	0.071	5	0	0.044	0.032
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	3300	12	8	35	1	1	2	0.110	5	1	0.150	0.079
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	500	12	8	35	1	1	2	0.079	5	0	0.048	0.034

Pre-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	10	12	8	35	1	2	2	0.010	5	0	0.008	0.006
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	310	12	8	35	1	1	2	0.066	5	0	0.042	0.030
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	49	12	8	35	1	2	2	0.018	5	0	0.014	0.010
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	570	12	8	35	1	1	2	0.083	5	0	0.050	0.036
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	380	12	8	35	3	2	1	0.039	5	0	0.027	0.019
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	550	12	8	35	1	1	2	0.082	5	1	0.129	0.092
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	175	12	8	35	1	1	2	0.053	5	0	0.035	0.025
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	80	12	8	35	1	2	2	0.022	5	0	0.016	0.012
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	4700	12	8	35	1	1	4	0.183	5	1	0.192	0.102
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	365	12	8	35	1	1	2	0.070	5	0	0.044	0.031
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	55	12	8	35	1	2	2	0.019	5	0	0.014	0.010
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	155	12	8	35	1	1	2	0.051	5	0	0.034	0.024
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	1500	12	8	35	1	1	2	0.080	5	0	0.048	0.026
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	200	12	7.5	35	1	1	2	0.056	5	0	0.037	0.026
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	200	12	7.5	35	1	2	1	0.031	5	0	0.022	0.016
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	3515	12	8	35	1	1	2	0.054	5	0	0.036	0.018
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	2000	12	7.5	35	1	1	2	0.046	5	0	0.031	0.015
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																		
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	2515	14	9	35	4	1	4	0.273	5	0	0.104	0.055
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	6800	14	9	35	3	1	4	0.339	5	0	0.115	0.061
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	5600	14	9	35	1	1	2	0.148	5	0	0.074	0.039
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	125	14	9	35	1	1	2	0.031	5	0	0.022	0.012
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	2700	14	9	35	1	1	2	0.110	5	1	0.150	0.079
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	70	14	9	35	1	2	2	0.023	5	1	0.070	0.050
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	290	14	9	35	1	1	4	0.070	5	0	0.044	0.031
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	100	14	9	35	1	1	4	0.047	5	0	0.032	0.023
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	555	14	9	35	1	1	2	0.089	5	1	0.135	0.096
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	55	14	9	35	1	2	2	0.021	5	2	0.120	0.086
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	10	14	9	35	1	2	1	0.011	5	0	0.009	0.006
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	500	14	9	35	1	1	2	0.086	5	0	0.051	0.037
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	2000	14	9	35	1	1	2	0.097	5	0	0.056	0.030
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	200	14	9	35	1	1	2	0.061	5	1	0.111	0.079
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	2700	14	9	35	1	1	2	0.160	5	0	0.078	0.056
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	7900	14	9	20	1	1	2	0.171	5	0	0.081	0.043
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																		
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	1050	10	6	20	1	1	2	0.063	5	0	0.040	0.021
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	2700	10	6	20	3	1	2	0.063	5	0	0.040	0.020
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	650	10	6	20	1	1	2	0.051	5	0	0.034	0.018
193318F	010380	MN	WASECA	Brown Sv CO RD 2	WASECA	FLASHING LIGHTS	2600	10	6	20	1	1	2	0.091	5	1	0.136	0.072
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	810	10	6	20	1	1	2	0.076	5	0	0.047	0.033
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	190	10	6	35	1	2	2	0.028	5	0	0.020	0.014

Pre-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	20	10	6.25	35	1	1	2	0.022	5	0	0.016	0.011
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	110	10	6	35	1	2	2	0.022	5	0	0.016	0.012
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	1100	10	6	20	4	1	2	0.085	5	0	0.051	0.036
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	1900	10	6	20	3	1	2	0.056	5	0	0.037	0.018
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	380	10	6	20	1	2	2	0.032	5	0	0.022	0.016
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	275	10	6	35	1	1	2	0.057	5	1	0.107	0.077
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	565	10	6	35	1	1	2	0.075	5	1	0.123	0.088
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	235	10	6	35	1	2	2	0.030	5	0	0.021	0.015
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	100	10	6	35	1	2	2	0.022	5	0	0.016	0.011
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	85	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	73	10	6	35	1	2	2	0.019	5	0	0.014	0.010
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	39	10	6	35	1	1	2	0.028	5	0	0.020	0.014
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	100	10	6	20	1	2	1	0.019	5	0	0.014	0.010
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	52	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	970	10	6	35	2	1	2	0.091	5	0	0.054	0.038
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	60	10	6	35	3	1	2	0.033	5	0	0.023	0.017
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	55	10	6	35	3	2	1	0.017	5	0	0.013	0.009
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	80	10	6	35	1	1	2	0.036	5	0	0.025	0.018
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	750	10	6	35	1	1	2	0.055	5	0	0.036	0.019
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	100	10	6	20	1	2	2	0.019	5	0	0.014	0.010
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	115	10	6	20	1	2	2	0.020	5	0	0.015	0.011
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	50	10	6	20	1	1	2	0.027	5	1	0.075	0.054
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	5300	10	6	20	1	1	4	0.175	5	0	0.082	0.044
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	630	10	6.25	20	1	2	2	0.038	5	0	0.027	0.019
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	800	10	6	20	1	1	2	0.032	5	0	0.023	0.011
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	650	10	6	20	4	1	2	0.070	5	0	0.044	0.031
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	770	10	6	20	6	1	2	0.144	5	1	0.171	0.091
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	1400	10	6	20	1	1	2	0.070	5	0	0.044	0.023
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	1200	10	6	20	2	1	2	0.088	5	2	0.215	0.154
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	630	10	6	20	1	1	2	0.069	5	1	0.118	0.085
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	1750	10	6	35	1	1	2	0.077	5	1	0.125	0.066
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	970	10	6	35	1	1	2	0.061	5	0	0.039	0.021
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	3500	10	6	35	1	1	2	0.103	5	0	0.058	0.031
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	630	10	6	35	1	2	2	0.043	5	1	0.093	0.066
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	60	10	6	35	1	2	2	0.018	5	0	0.013	0.010
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	80	10	6	35	1	2	2	0.020	5	0	0.015	0.011
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	355	10	6	35	1	1	2	0.063	5	0	0.040	0.029
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	780	10	6	35	1	1	2	0.084	5	0	0.050	0.036
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	160	10	6	35	1	1	2	0.047	5	0	0.032	0.023
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	116	10	6	35	1	2	2	0.023	5	1	0.070	0.050
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	3100	10	6	20	4	1	2	0.173	5	0	0.082	0.043
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	380	10	6	20	4	1	2	0.073	5	0	0.045	0.024
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	900	10	6	20	1	1	2	0.079	5	0	0.048	0.034
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	580	10	6	20	1	1	2	0.067	5	1	0.116	0.083
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	55	10	6	20	1	2	2	0.015	5	0	0.012	0.008

Pre-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	600	10	6	35	1	1	2	0.076	5	2	0.202	0.144
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	130	10	6	35	1	1	2	0.043	5	0	0.030	0.021
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	380	10	6	35	1	2	2	0.036	5	0	0.025	0.018
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	48	10	6	35	1	2	2	0.017	5	0	0.012	0.009
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	480	10	6	35	1	1	2	0.045	5	0	0.031	0.016
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	1250	10	6.25	35	1	1	2	0.100	5	1	0.143	0.102
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	200	10	6.25	35	1	2	2	0.028	5	0	0.020	0.014
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	380	10	6	20	3	1	2	0.058	5	0	0.037	0.027
193614S	019310	MN	BROWN	CASS AVE.	SPRINGFIELD	FLASHING LIGHTS	1650	10	6	20	2	1	2	0.091	5	0	0.053	0.028
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	1000	10	6	20	3	1	2	0.082	5	1	0.129	0.092
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	380	10	6	20	1	1	2	0.058	5	0	0.037	0.027
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	600	10	6	20	1	1	2	0.050	5	0	0.033	0.018
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	160	10	6	30	1	1	2	0.045	5	0	0.031	0.022
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	56	10	6	20	1	2	2	0.016	5	0	0.012	0.008
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	146	10	6	20	1	2	2	0.022	5	0	0.016	0.012
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	1300	10	6	20	4	1	2	0.121	5	0	0.065	0.035
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	380	10	6	20	4	2	2	0.032	5	0	0.022	0.016
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	73	10	6	40	1	2	2	0.020	5	0	0.015	0.011
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	380	10	6	35	3	1	2	0.060	5	0	0.039	0.021
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	1300	10	6	35	2	1	2	0.083	5	0	0.050	0.026
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	99	10	6	35	1	2	2	0.022	5	0	0.016	0.011
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	510	10	6	35	2	1	2	0.056	5	0	0.037	0.019
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	320	10	6	35	1	1	2	0.061	5	0	0.039	0.028
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	55	10	6	35	1	2	2	0.017	5	0	0.013	0.009
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	125	10	6	35	1	1	2	0.043	5	0	0.029	0.021
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	44	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	530	10	6	35	1	1	2	0.073	5	0	0.045	0.032
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	49	10	6	35	1	2	2	0.017	5	1	0.062	0.045
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	900	10	6	35	2	1	2	0.071	5	0	0.044	0.023
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																		
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	1000	8	5	35	2	1	2	0.066	5	0	0.042	0.022
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	40	8	5	35	1	2	2	0.014	5	0	0.010	0.007
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	55	8	5	35	1	2	2	0.015	5	0	0.012	0.008
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	55	8	5	20	1	2	2	0.014	5	0	0.010	0.007
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	37	8	5	20	1	2	2	0.012	5	0	0.009	0.006
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	1450	8	5	30	5	1	4	0.084	5	0	0.050	0.025
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	2200	8	5	30	2	1	2	0.046	5	1	0.096	0.047
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	650	10	6	30	1	1	2	0.076	5	0	0.047	0.033
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	320	10	6	30	1	1	2	0.058	5	2	0.178	0.128
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009

Pre-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	225	10	6	30	1	1	2	0.051	5	0	0.034	0.024
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	1350	10	6	30	1	1	2	0.069	5	0	0.043	0.023
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	155	10	6	30	1	1	2	0.045	5	0	0.030	0.022
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	73	10	6	30	1	2	2	0.019	5	0	0.014	0.010
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	5	10	6	30	1	2	2	0.007	5	0	0.005	0.004
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	1050	10	6	35	2	1	2	0.076	5	1	0.124	0.065
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	710	10	6	30	1	1	2	0.053	5	0	0.035	0.019
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	38	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	45	10	6	30	1	2	2	0.016	5	0	0.012	0.008
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	495	10	6	30	1	1	2	0.046	5	0	0.031	0.016
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	55	10	6	30	1	1	2	0.030	5	0	0.022	0.016
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	50	10	6	30	1	1	2	0.029	5	0	0.021	0.015
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	16	10	6	30	1	2	2	0.011	5	0	0.008	0.006
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	15	10	6	30	1	2	2	0.010	5	0	0.008	0.006
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	380	10	6	30	1	2	2	0.034	5	0	0.024	0.017
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	380	10	6	30	1	1	2	0.062	5	1	0.112	0.080
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	3150	10	6	30	2	1	2	0.056	5	0	0.037	0.018
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	1000	10	6	30	2	1	2	0.040	5	0	0.028	0.014
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	59	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	95	10	6	30	1	2	2	0.020	5	0	0.015	0.011
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	1100	10	6	30	1	1	2	0.035	5	0	0.025	0.012
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	450	10	6	30	1	1	2	0.066	5	1	0.115	0.083
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	55	10	6	30	1	2	2	0.017	5	0	0.013	0.009
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	450	10	6	30	1	1	2	0.044	5	0	0.030	0.016
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	50	10	6	30	1	2	2	0.016	5	0	0.012	0.009
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	150	10	6	30	1	1	2	0.044	5	0	0.030	0.021
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	23	10	6	30	1	2	2	0.012	5	0	0.009	0.007
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	75	10	6	30	1	1	2	0.034	5	0	0.024	0.017
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	720	10	6	30	1	2	2	0.043	5	0	0.030	0.021
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	40	10	6	30	1	2	2	0.015	5	0	0.011	0.008
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	110	10	6	30	1	1	2	0.039	5	0	0.027	0.019
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	44	10	6	30	1	2	2	0.015	5	0	0.012	0.008

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 1 Winona to Lewiston MP 0 to 18.4																			
193317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	37	23.13	49	2	2	1	0.087	5	0	0.051	0.037
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	37	23.13	49	2	2	1	0.049	5	0	0.033	0.024
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	37	23	49	2	1	2	0.214	5	0	0.092	0.049
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1750	37	23	49	2	1	2	0.185	5	0	0.085	0.045
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	55	37	23	25	1	2	2	0.033	5	0	0.023	0.017
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	37	23	49	1	1	2	0.156	5	0	0.077	0.041
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	37	23	49	2	1	2	0.087	5	0	0.051	0.025
Segment 2 Lewiston to Owatonna MP 18.4 to 88.1																			
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	37	23.13	49	1	2	1	0.040	5	0	0.027	0.020
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	37	23	49	2	1	2	0.116	5	0	0.063	0.045
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	37	23	49	2	1	2	0.144	5	2	0.270	0.143
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	37	23.13	49	2	2	1	0.035	5	0	0.024	0.017
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	37	23	49	2	2	2	0.061	5	0	0.039	0.028
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	37	23.13	49	2	2	2	0.089	5	0	0.053	0.038
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	37	23	49	2	1	2	0.147	5	0	0.074	0.053
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	37	23	49	2	1	4	0.149	5	0	0.075	0.037
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	37	23	49	1	1	2	0.191	5	0	0.087	0.062
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	37	23	49	1	1	2	0.160	5	0	0.078	0.056
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	37	23	49	2	2	2	0.030	5	0	0.021	0.015
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	37	23	49	2	2	2	0.030	5	0	0.021	0.015
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	37	23	49	2	2	1	0.030	5	0	0.021	0.015
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	37	23	49	2	1	2	0.164	5	1	0.182	0.097
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	37	23	49	1	2	2	0.064	5	0	0.041	0.029
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	37	23	49	3	1	4	0.146	5	0	0.074	0.036
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	37	23	49	2	1	2	0.181	5	1	0.191	0.137
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	37	23	49	2	1	2	0.100	5	0	0.057	0.028
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	37	23	49	2	1	2	0.175	5	0	0.082	0.059
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	37	23	49	2	1	2	0.144	5	0	0.073	0.052
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	37	23	49	2	1	2	0.198	5	0	0.088	0.063
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	37	23	49	1	1	2	0.284	5	0	0.106	0.056
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	37	23	49	1	2	2	0.041	5	0	0.028	0.020
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	37	23	49	1	1	2	0.167	5	0	0.080	0.057
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	37	23	49	1	2	2	0.037	5	0	0.026	0.018
193359K	006840	MN	DODGE	AIRPORT DRIVE N.	DODGE CENTER	PASSIVE	PASSIVE	135	37	23	49	2	1	2	0.100	5	0	0.057	0.041
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	2	0.207	0.148
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	2	1	2	0.147	5	0	0.074	0.053
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	2	1	2	0.147	5	1	0.173	0.124
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	37	23	49	1	1	2	0.198	5	1	0.199	0.105
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	37	23	49	1	1	2	0.162	5	0	0.079	0.056
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	37	23	49	1	2	2	0.021	5	0	0.016	0.011
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	37	23	49	1	1	2	0.136	5	0	0.070	0.050
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	37	23	49	2	1	2	0.170	5	0	0.081	0.058
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	37	23	49	4	2	1	0.081	5	0	0.049	0.035
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	37	23	49	2	1	2	0.168	5	1	0.185	0.132
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	175	37	23	49	1	1	2	0.110	5	0	0.061	0.044
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	37	23.13	49	1	2	2	0.040	5	0	0.027	0.020
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	37	23	49	1	2	2	0.045	5	0	0.031	0.022
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	37	23	49	1	1	4	0.330	5	1	0.245	0.130
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	37	23	49	1	1	2	0.145	5	0	0.073	0.052
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	37	23	49	1	1	2	0.105	5	0	0.059	0.042
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	37	23	49	1	1	2	0.143	5	0	0.073	0.039
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	37	23.125	49	1	1	2	0.116	5	0	0.063	0.045
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	37	23.125	49	1	2	1	0.064	5	0	0.041	0.029
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	37	23	49	1	1	2	0.092	5	0	0.054	0.027
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	37	23.125	49	1	1	2	0.078	5	0	0.048	0.023
Segment 3 Owatonna to Waseca MP 88.1 to 102.5																			
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	37	23	49	4	1	4	0.454	5	0	0.129	0.068
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	37	23	49	3	1	4	0.564	5	0	0.139	0.073
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	37	23	49	1	1	2	0.246	5	0	0.099	0.053
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	125	37	23	49	1	1	2	0.052	5	0	0.034	0.018
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	37	23	49	1	1	2	0.183	5	1	0.192	0.102
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	70	37	23	49	1	2	2	0.043	5	1	0.093	0.067
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	290	37	23	49	2	1	4	0.133	5	0	0.069	0.050
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	37	23	49	2	1	4	0.090	5	0	0.053	0.038
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	37	23	49	2	1	2	0.169	5	1	0.185	0.132
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	2	0.151	0.108
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	37	23	49	1	2	1	0.021	5	0	0.016	0.011
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	37	23	49	1	1	2	0.162	5	0	0.079	0.056
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2000	37	23	49	1	1	2	0.161	5	0	0.078	0.042
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	37	23	49	1	1	2	0.116	5	1	0.154	0.110
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	37	23	49	1	1	2	0.303	5	0	0.110	0.078
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	7900	37	23	49	1	1	2	0.284	5	0	0.106	0.056
Segment 4 Waseca to Walnut Grove MP 102.5 to 219																			
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	37	23	49	1	1	2	0.124	5	0	0.066	0.035
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	37	23	49	3	1	2	0.115	5	0	0.063	0.031
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	37	23	49	2	1	2	0.123	5	0	0.066	0.035
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	37	23	49	2	1	2	0.218	5	1	0.208	0.110
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	37	23	49	2	1	2	0.194	5	0	0.087	0.063

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	37	23	49	1	2	2	0.062	5	0	0.040	0.029
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	37	23	49	1	2	2	0.021	5	0	0.016	0.011
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	37	23.125	49	1	2	2	0.027	5	0	0.020	0.014
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	37	23	49	1	2	2	0.051	5	0	0.034	0.024
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	37	23.13	49	1	2	2	0.049	5	0	0.033	0.024
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	37	23	49	4	1	2	0.217	5	0	0.093	0.067
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	37	23	49	3	1	2	0.104	5	0	0.059	0.029
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	0	0.049	0.035
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	37	23	49	1	1	2	0.130	5	1	0.163	0.117
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	565	37	23	49	1	1	2	0.170	5	1	0.186	0.133
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	235	37	23	49	1	2	2	0.068	5	0	0.043	0.030
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100	37	23	49	1	2	2	0.049	5	0	0.033	0.024
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	85	37	23	49	1	2	2	0.046	5	0	0.031	0.022
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	37	23	49	1	2	2	0.044	5	0	0.030	0.021
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	37	23	49	2	1	2	0.063	5	0	0.040	0.029
193509R	14720	MN	BLUE EARTH	Twp. 461		PASSIVE	PASSIVE	100	37	23.13	49	2	2	1	0.049	5	0	0.033	0.024
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	37	23	49	1	2	2	0.039	5	0	0.027	0.019
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	37	23	49	2	1	2	0.207	5	0	0.091	0.065
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	37	23	49	3	1	2	0.074	5	0	0.046	0.033
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	37	23	49	3	2	1	0.040	5	0	0.027	0.020
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	37	23	49	1	1	2	0.107	5	0	0.060	0.043
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	37	23	49	1	1	2	0.082	5	0	0.050	0.035
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	37	23	49	1	1	2	0.108	5	0	0.060	0.032
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	37	23	49	1	2	2	0.049	5	0	0.033	0.024
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	37	23	49	1	2	2	0.052	5	0	0.034	0.025
193523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	37	23	49	1	1	2	0.069	5	1	0.118	0.085
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	5300	37	23	49	1	1	4	0.347	5	0	0.116	0.062
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	37	23.13	49	1	2	2	0.097	5	0	0.056	0.040
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	37	23	49	1	1	2	0.060	5	0	0.039	0.019
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	650	37	23	49	4	1	2	0.179	5	0	0.083	0.060
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	770	37	23	49	6	1	2	0.284	5	1	0.232	0.123
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	37	23	49	1	1	2	0.139	5	0	0.072	0.038
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1200	37	23	49	2	1	2	0.224	5	2	0.326	0.233
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	37	23	49	1	1	2	0.177	5	1	0.189	0.135
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	37	23	49	2	1	2	0.185	5	1	0.193	0.102
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	37	23	49	2	1	2	0.145	5	0	0.073	0.039
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500	37	23.125	49	2	1	2	0.246	5	0	0.099	0.052
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	37	23	49	2	2	2	0.097	5	1	0.141	0.101
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	60	37	23	49	2	2	2	0.041	5	0	0.028	0.020
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	37	23	49	1	2	2	0.035	5	0	0.025	0.018
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	37	23	49	1	2	2	0.045	5	0	0.031	0.022
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	355	37	23	49	1	1	2	0.143	5	0	0.073	0.052
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	37	23	49	1	1	2	0.191	5	0	0.087	0.062
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	160	37	23	49	1	1	2	0.107	5	0	0.060	0.043
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	37	23	49	1	2	2	0.052	5	1	0.102	0.073
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	37	23	49	4	1	2	0.343	5	0	0.116	0.061

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	380	37	23	49	4	1	2	0.145	5	0	0.073	0.039
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	900	37	23	49	1	1	2	0.202	5	0	0.089	0.064
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	580	37	23	49	2	1	2	0.172	5	1	0.186	0.134
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	37	23	49	2	2	2	0.035	5	0	0.025	0.018
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	600	37	23	49	2	1	2	0.174	5	2	0.293	0.210
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	37	23	49	2	1	2	0.099	5	0	0.057	0.041
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	37	23	49	2	2	2	0.081	5	0	0.049	0.035
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	37	23	49	2	2	2	0.038	5	0	0.026	0.019
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	480	37	23	49	2	1	2	0.109	5	0	0.061	0.032
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	37	23.125	49	1	1	2	0.228	5	1	0.212	0.152
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	37	23.125	49	1	2	2	0.064	5	0	0.041	0.029
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	37	23	49	3	1	2	0.147	5	0	0.074	0.053
193614S	019310	MN	BROWN	CASS AVE.	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	37	23	49	2	1	2	0.181	5	0	0.084	0.044
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	1000	37	23	49	3	1	2	0.210	5	1	0.204	0.146
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	0	0.074	0.053
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	600	37	23	49	1	1	2	0.098	5	0	0.056	0.030
193710U	019760	MN	REDWOOD	CO RD 2	SANBORN	PASSIVE	PASSIVE	160	37	23	49	1	1	2	0.107	5	0	0.060	0.043
193711B	020050	MN	BROWN	TWP 2	SANBORN	PASSIVE	PASSIVE	56	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	37	23	49	1	2	2	0.057	5	0	0.037	0.026
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	37	23	49	4	1	2	0.240	5	0	0.098	0.052
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	37	23	49	4	2	2	0.081	5	0	0.049	0.035
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	37	23	49	1	2	2	0.044	5	0	0.030	0.021
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	37	23	49	4	1	2	0.145	5	0	0.073	0.039
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	37	23	49	2	1	2	0.164	5	0	0.079	0.042
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	37	23	49	2	2	2	0.049	5	0	0.033	0.024
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	37	23	49	3	1	2	0.135	5	0	0.070	0.037
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	37	23	49	2	1	2	0.138	5	0	0.071	0.051
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	37	23	49	2	1	2	0.097	5	0	0.056	0.040
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	37	23	49	1	2	2	0.036	5	0	0.025	0.018
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	37	23	49	1	1	2	0.166	5	0	0.080	0.057
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	37	23	49	1	2	2	0.038	5	1	0.087	0.063
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	37	23	49	2	1	2	0.141	5	0	0.072	0.038
Segment 5 Walnut Grove to Tracy MP 219 to 226.6																			
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	37	23	49	2	1	2	0.147	5	0	0.074	0.039
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	40	37	23	49	2	2	2	0.035	5	0	0.025	0.018
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	37	23	49	2	2	2	0.035	5	0	0.025	0.018
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	37	23	49	1	2	2	0.034	5	0	0.024	0.017
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	37	23	49	5	1	4	0.173	5	0	0.082	0.040
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	37	23	49	2	1	2	0.093	5	1	0.138	0.068
Segment 6																			

Post-Construction Accident Prediction Summary
Minnesota 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING	PROPOSED	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Brookings to Tracy MP 226.6 to 290.0																			
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	37	23	49	1	1	2	0.179	5	0	0.083	0.060
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	37	23	49	1	1	2	0.138	5	2	0.265	0.189
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	37	23	49	2	1	2	0.121	5	0	0.065	0.047
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	37	23	49	2	1	2	0.166	5	0	0.080	0.042
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	37	23	49	1	1	2	0.105	5	0	0.059	0.042
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	37	23	49	1	2	2	0.044	5	0	0.030	0.021
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	37	23	49	1	2	2	0.016	5	0	0.012	0.009
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	37	23	49	2	1	2	0.150	5	1	0.175	0.093
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	37	23	49	1	1	2	0.105	5	0	0.059	0.031
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	37	23	49	2	2	2	0.034	5	0	0.024	0.017
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	37	23	49	2	2	2	0.037	5	0	0.026	0.018
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	37	23	49	2	1	2	0.110	5	0	0.061	0.032
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	37	23	49	2	1	2	0.072	5	0	0.045	0.032
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	37	23	49	1	1	2	0.069	5	0	0.043	0.031
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	37	23	49	1	2	2	0.025	5	0	0.018	0.013
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	37	23	49	1	2	2	0.024	5	0	0.018	0.013
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	37	23	49	1	2	2	0.081	5	0	0.049	0.035
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	37	23	49	1	1	2	0.147	5	1	0.173	0.124
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	37	23	49	2	1	2	0.104	5	0	0.059	0.029
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	37	23	49	2	1	2	0.074	5	0	0.046	0.023
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	37	23	49	2	2	2	0.041	5	0	0.028	0.020
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	37	23	49	2	2	2	0.048	5	0	0.032	0.023
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	2	2	2	0.040	5	0	0.027	0.020
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	37	23	40	1	1	2	0.066	5	0	0.042	0.020
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	37	23	49	1	1	2	0.156	5	1	0.178	0.128
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	37	23	49	1	2	2	0.040	5	0	0.027	0.020
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	37	23	49	1	1	2	0.087	5	0	0.052	0.027
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	37	23	49	1	1	2	0.104	5	0	0.059	0.042
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	37	23	49	1	2	2	0.029	5	0	0.021	0.015
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	37	23	49	2	1	2	0.080	5	0	0.049	0.035
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	37	23	49	2	2	2	0.102	5	0	0.058	0.042
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	37	23	49	2	2	2	0.035	5	0	0.025	0.018
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	37	23	49	2	1	2	0.093	5	0	0.054	0.039
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	37	23	49	2	2	2	0.036	5	0	0.025	0.018

Pre/Post-Construction Accident Prediction Comparison
For Minnesota 100 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
Winona County																	
19317H	520	MN	WINONA	Martina & 11th St.	WINONA	PASSIVE	PASSIVE	460	1	0	0.020	0.037	B	0.017	58	NO	NO
193197K	620	MN	WINONA	Canton Mills	WINONA	PASSIVE	PASSIVE	100	1	0	0.012	0.024	B	0.012	85	NO	NO
193200R	000860	MN	WINONA	CNTY RD 23	MINNESOTA CITY	FLASHING LIGHTS	FLASHING LIGHTS	2500	2	0	0.028	0.049	B	0.0210	48	NO	NO
193176S	000930	MN	WINONA	CNTY RD 6	STOCKTON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193201X	001110	MN	WINONA	MAIN ST/CO RD 23	STOCKTON	FLASHING LIGHTS	FLASHING LIGHTS	1075	2	0	0.025	0.045	B	0.0200	50	NO	NO
193206G	001680	MN	WINONA	DUTCHMAN/ TWP 1	LEWISTON	PASSIVE	PASSIVE	100	2	0	0.009	0.017	B	0.0076	131	NO	NO
193207N	001780	MN	WINONA	CO RD 25	LEWISTON	FLASHING LIGHTS	FLASHING LIGHTS	1850	2	0	0.025	0.041	B	0.0153	65	NO	NO
193209C	001840	MN	WINONA	FREMONT STREET	LEWISTON	GATES	GATES	1700	2	0	0.014	0.025	B	0.0117	86	NO	NO
193210W	1900	MN	WINONA	Golf Crossing	UTICA	PASSIVE	PASSIVE	55	1	0	0.010	0.020	B	0.010	103	NO	NO
193211D	002090	MN	WINONA	TWP 13	UTICA	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0097	103	NO	NO
193247L	002190	MN	WINONA	CO RD 18	UTICA	PASSIVE	PASSIVE	200	2	0	0.026	0.045	B	0.0190	53	NO	NO
193248T	002270	MN	WINONA	CENTER STREET	UTICA	FLASHING LIGHTS	FLASHING LIGHTS	950	2	2	0.100	0.143	A	0.0431	23	YES	YES
193249A	2300	MN	WINONA	2nd. Avenue	UTICA	PASSIVE	PASSIVE	39	1	0	0.009	0.017	B	0.008	119	NO	NO
193250U	002400	MN	WINONA	TWP 5	UTICA	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193251B	2540	MN	WINONA	Co Rd 37	UTICA	PASSIVE	PASSIVE	180	2	0	0.015	0.028	B	0.0129	77	NO	NO
193253P	002650	MN	WINONA	Twp 13	ST CHARLES	PASSIVE	PASSIVE	100	2	0	0.010	0.020	B	0.0093	107	NO	NO
193193H	2780	MN	WINONA	Terry Drive	ST CHARLES	PASSIVE	PASSIVE	500	2	0	0.021	0.038	B	0.017	59	NO	NO
193254W	002820	MN	WINONA	RICHLAND AVE	ST CHARLES	PASSIVE	PASSIVE	380	2	0	0.032	0.053	B	0.0212	47	NO	NO
193255D	002840	MN	WINONA	WHITEWATER	ST CHARLES	GATES	GATES	4050	4	0	0.026	0.037	B	0.0112	90	NO	NO
193256K	002850	MN	WINONA	ST. CHARLES AVE	ST CHARLES	PASSIVE	PASSIVE	780	2	0	0.039	0.062	B	0.0233	43	NO	NO
193257S	002870	MN	WINONA	W. 11TH STREET	ST CHARLES	PASSIVE	PASSIVE	480	2	0	0.034	0.056	B	0.0219	46	NO	NO
193194P	2900	MN	WINONA	Co Rd 126/West End	ST CHARLES	PASSIVE	PASSIVE	380	2	0	0.031	0.053	B	0.0221	45	NO	NO
							Total			**2**	**0.514**	**0.867**		**0.3531**	**3**	**Number of crossings**	
							Minimum				**0.009**	**0.017**		**0.0076**	**131**	**In the County**	**22**
							Maximum				**0.100**	**0.143**		**0.0431**	**23**		
Olmsted County																	
193258Y	003010	MN	OLMSTED	TWP 668	ST CHARLES	PASSIVE	PASSIVE	25	2	0	0.008	0.015	B	0.0073	136	NO	NO
193259F	003040	MN	OLMSTED	19TH AVE/ TWP 591	DOVER	PASSIVE	PASSIVE	25	2	0	0.008	0.015	B	0.0073	136	NO	NO
193195W	003090	MN	OLMSTED	TWP 667	DOVER	PASSIVE	PASSIVE	25	1	0	0.007	0.015	B	0.0076	131	NO	NO
193260A	003220	MN	OLMSTED	CHATFIELD ST	DOVER	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	1	0.065	0.097	B	0.0314	32	NO	NO
193261G	003420	MN	OLMSTED	CSAH 32	DOVER	PASSIVE	PASSIVE	200	2	0	0.016	0.029	B	0.0133	75	NO	NO
193262N	003530	MN	OLMSTED	140 AVE SE/TWP 90	EYOTA	PASSIVE	PASSIVE	50	2	0	0.010	0.019	B	0.0091	110	NO	NO
193263V	003680	MN	OLMSTED	Center Ave/ CSAH 7	EYOTA	GATES	GATES	2300	4	0	0.025	0.036	B	0.0111	90	NO	NO
							Total			**1**	**0.139**	**0.226**		**0.0872**	**11**	**Number of crossings**	
							Minimum				**0.007**	**0.015**		**0.0073**	**136**	**In the County**	**7**
							Maximum				**0.065**	**0.097**		**0.0314**	**32**		
Dodge County																	
193289X	006130	MN	DODGE	CO RD 15	BYRON	PASSIVE	PASSIVE	670	2	1	0.096	0.137	A	0.0412	24	YES	YES
193290S	006230	MN	DODGE	TWP 30	KASSON	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193291Y	006350	MN	DODGE	MANTORVILLE AVE.	KASSON	GATES	GATES	2750	2	0	0.017	0.028	B	0.0115	87	NO	NO
193292F	006360	MN	DODGE	SECOND AVE S.W.	KASSON	PASSIVE	PASSIVE	610	2	0	0.036	0.059	B	0.0226	44	NO	NO
193293M	006370	MN	DODGE	THIRD AVE SW	KASSON	PASSIVE	PASSIVE	360	2	0	0.031	0.052	B	0.0210	48	NO	NO
193294U	006430	MN	DODGE	EIGHTH AVE. S.W.	KASSON	PASSIVE	PASSIVE	860	2	0	0.040	0.063	B	0.0235	43	NO	NO
196630L	006520	MN	DODGE	US HWY 14	KASSON	FLASHING LIGHTS	FLASHING LIGHTS	7900	2	0	0.041	0.056	B	0.0153	65	NO	NO
193296H	006530	MN	DODGE	CO RD 34/ TWP 134	KASSON	PASSIVE	PASSIVE	60	2	0	0.011	0.020	B	0.0096	105	NO	NO
193357W	006630	MN	DODGE	CO RD 9	KASSON	PASSIVE	PASSIVE	540	2	0	0.035	0.057	B	0.0223	45	NO	NO
193358D	006740	MN	DODGE	TWP 139	DODGE CENTER	PASSIVE	PASSIVE	45	2	0	0.010	0.018	B	0.0088	114	NO	NO
193359K	006840	MN	DODGE	AIRPORT DRIVE N.	DODGE CENTER	PASSIVE	PASSIVE	135	2	0	0.023	0.041	B	0.0176	57	NO	NO
193297P	006890	MN	DODGE	4TH AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	2	0.103	0.148	A	0.0452	22	YES	YES

Pre/Post-Construction Accident Prediction Comparison
For Minnesota 100 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency		Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
											Pre-Construction	Post-Construction					
193360E	006900	MN	DODGE	SECOND AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.029	0.053	B	0.0239	42	NO	NO
193361L	006910	MN	DODGE	FIRST AVE. S.E.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.029	0.053	B	0.0239	42	NO	NO
193298W	006920	MN	DODGE	CENTRAL AVE	DODGE CENTER	PASSIVE	PASSIVE	380	2	1	0.081	0.124	B	0.0431	23	NO	NO
193362T	006930	MN	DODGE	FIRST AVE S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.032	0.053	B	0.0212	47	NO	NO
193299D	006940	MN	DODGE	2ND AVE. S.W.	DODGE CENTER	PASSIVE	PASSIVE	380	2	0	0.032	0.053	B	0.0212	47	NO	NO
193363A	006950	MN	DODGE	THIRD AVE N.W.	DODGE CENTER	FLASHING LIGHTS	FLASHING LIGHTS	3300	2	1	0.079	0.105	B	0.0260	38	NO	NO
193300V	007000	MN	DODGE	CO RD H	DODGE CENTER	PASSIVE	PASSIVE	500	2	0	0.034	0.056	B	0.0220	45	NO	NO
193364G	007140	MN	DODGE	TWP 145	DODGE CENTER	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193303R	7190	MN	DODGE	Twp 153	DODGE CENTER	PASSIVE	PASSIVE	10	2	0	0.006	0.011	B	0.0055	182	NO	NO
193365N	007270	MN	DODGE	CO RD 5	CLAREMONT	PASSIVE	PASSIVE	310	2	0	0.030	0.050	B	0.0205	49	NO	NO
193366V	007320	MN	DODGE	TWP 180	CLAREMONT	PASSIVE	PASSIVE	49	2	0	0.010	0.019	B	0.0090	111	NO	NO
193367C	7370	MN	DODGE	TWP 154	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193368J	007480	MN	DODGE	TWP 157	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193369R	007580	MN	DODGE	CO RD 3	CLAREMONT	PASSIVE	PASSIVE	570	2	0	0.036	0.058	B	0.0224	45	NO	NO
193370K	007640	MN	DODGE	ELM	CLAREMONT	PASSIVE	PASSIVE	380	1	0	0.019	0.035	B	0.0155	64	NO	NO
193371S	007680	MN	DODGE	CO RD 1	CLAREMONT	PASSIVE	PASSIVE	550	2	1	0.092	0.132	A	0.0402	25	YES	YES
193307T	007780	MN	DODGE	TWP 171	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
							Total			6	1.002	1.581		0.5797	2	Number of crossings	
							Minimum				0.006	0.011		0.0055	182	In the County	29
							Maximum				0.103	0.148		0.0452	22		
Steele County																	
193372Y	007980	MN	STEELE	CO RD 16/ SE 84 AVE	CLAREMONT	PASSIVE	PASSIVE	250	2	0	0.025	0.044	B	0.0185	54	NO	NO
193373F	008090	MN	STEELE	SE 74TH AVE	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193311H	8130	MN	STEELE	SE 28th Ave	CLAREMONT	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.009	107	NO	NO
193374M	008180	MN	STEELE	SE 64TH STREET	OWATONNA	PASSIVE	PASSIVE	80	2	0	0.012	0.022	B	0.0104	96	NO	NO
193375U	008290	MN	STEELE	US HWY 14	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	4700	4	1	0.102	0.130	A	0.0278	36	YES	YES
193376B	008390	MN	STEELE	SE 44 AVE/ CO RD 59	OWATONNA	PASSIVE	PASSIVE	365	2	0	0.031	0.052	B	0.0210	48	NO	NO
193312P	008500	MN	STEELE	SE 34TH AVE	OWATONNA	PASSIVE	PASSIVE	55	2	0	0.010	0.020	B	0.0093	107	NO	NO
193377H	008540	MN	STEELE	CO RD 71	OWATONNA	PASSIVE	PASSIVE	155	2	0	0.024	0.042	B	0.0181	55	NO	NO
193382E	8740	MN	STEELE	RICE LAKE STREET	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	1500	2	0	0.026	0.039	B	0.0130	77	NO	NO
380294J	8750	MN	STEELE	E. Vine St	OWATONNA	PASSIVE	PASSIVE	200	2	0	0.026	0.045	B	0.0190	53	NO	NO
187034M	8760	MN	STEELE	Chestnut St	OWATONNA	PASSIVE	PASSIVE	200	1	0	0.016	0.029	B	0.0133	75	NO	NO
187033F	008776	MN	STEELE	ROSE ST	OWATONNA	GATES	GATES	3515	2	0	0.018	0.027	B	0.0089	112	NO	NO
187032Y	8780	MN	STEELE	Pine Ave	OWATONNA	GATES	GATES	2000	2	0	0.015	0.023	B	0.0081	123	NO	NO
193383L	8830	MN	STEELE	ELM AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2515	4	0	0.055	0.068	B	0.0130	77	NO	NO
193384T	008840	MN	STEELE	CEDAR AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	6800	4	0	0.061	0.073	B	0.0124	81	NO	NO
193388V	008890	MN	STEELE	STATE AVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	5600	2	0	0.039	0.053	B	0.0131	76	NO	NO
193390W	008950	MN	STEELE	PARK DRIVE	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2000	2	0	0.012	0.018	B	0.0064	156	NO	NO
193391D	008970	MN	STEELE	24TH AVE. N.W.	OWATONNA	FLASHING LIGHTS	FLASHING LIGHTS	2700	2	1	0.079	0.102	B	0.0222	45	NO	NO
193392K	009030	MN	STEELE	32ND AVE/ TWP 229	OWATONNA	PASSIVE	PASSIVE	2000	2	1	0.050	0.067	B	0.0164	61	NO	NO
193394Y	9250	MN	STEELE	52 AVE SW/ CO RD 17	OWATONNA	PASSIVE	PASSIVE	145	4	0	0.031	0.050	B	0.0183	55	NO	NO
193395F	9350	MN	STEELE	NW 62ND AVE	OWATONNA	PASSIVE	PASSIVE	100	4	0	0.023	0.038	B	0.0150	67	NO	NO
193397U	009640	MN	STEELE	SW 92ND AVE	MERIDEN	PASSIVE	PASSIVE	555	2	1	0.096	0.132	A	0.0361	28	YES	YES
							Total			4	0.773	1.112		0.3391	3	Number of crossings	
							Minimum				0.010	0.018		0.0064	156	In the County	22
							Maximum				0.102	0.132		0.0361	28		
Waseca County																	
193398B	009780	MN	WASECA	178TH ST/ TWP 128	MERIDEN	PASSIVE	PASSIVE	55	2	2	0.086	0.108	B	0.0221	45	NO	NO
193399H	009930	MN	WASECA	GOOSE LAKE XING	WASECA	PASSIVE	PASSIVE	10	1	0	0.006	0.011	B	0.0050	199	NO	NO
193400A	010090	MN	WASECA	145TH ST/ CO RD 5	WASECA	PASSIVE	PASSIVE	500	2	0	0.037	0.056	B	0.0198	51	NO	NO

Pre/Post-Construction Accident Prediction Comparison
For Minnesota 100 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193403V	010180	MN	WASECA	8TH STREET S.E.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2800	2	0	0.030	0.042	B	0.0119	84	NO	NO
193404C	010200	MN	WASECA	7TH STREET SE	WASECA	PASSIVE	PASSIVE	200	2	1	0.079	0.110	B	0.0309	32	NO	NO
193405J	010220	MN	WASECA	5TH ST. SE	WASECA	PASSIVE	PASSIVE	2700	2	0	0.056	0.078	B	0.0226	44	NO	NO
193406R	010250	MN	WASECA	STATE ST.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	8900	2	0	0.043	0.056	B	0.0133	75	NO	NO
193314D	010260	MN	WASECA	2ND ST. S.W.	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	0	0.021	0.035	B	0.0139	72	NO	NO
193315K	010270	MN	WASECA	4TH ST. S.W.	WASECA	GATES	GATES	2700	2	0	0.020	0.031	B	0.0114	88	NO	NO
193317Y	010340	MN	WASECA	CO RD 57	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	650	2	0	0.018	0.035	B	0.0169	59	NO	NO
193318F	010380	MN	WASECA	Brown St/ CO RD 2	WASECA	FLASHING LIGHTS	FLASHING LIGHTS	2600	2	1	0.072	0.110	B	0.0379	26	NO	NO
193320G	010460	MN	WASECA	Airport/ CO RD 27	WASECA	PASSIVE	PASSIVE	810	2	0	0.033	0.063	B	0.0292	34	NO	NO
193322V	010620	MN	WASECA	CO RD 52/ 95TH ST	WASECA	PASSIVE	PASSIVE	55	2	0	0.008	0.020	B	0.0112	89	NO	NO
193324J	010730	MN	WASECA	85TH ST/ TWP 161	WASECA	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193326X	010850	MN	WASECA	CO RD 17	JANESVILLE	PASSIVE	PASSIVE	190	2	0	0.014	0.029	B	0.0144	69	NO	NO
193328L	010960	MN	WASECA	60TH STREET	JANESVILLE	PASSIVE	PASSIVE	10	2	0	0.005	0.011	B	0.0060	167	NO	NO
193329T	11020	MN	WASECA	Twp 92	JANESVILLE	PASSIVE	PASSIVE	20	2	0	0.011	0.014	B	0.0026	386	NO	NO
193341A	011090	MN	WASECA	CO RD 33 & 66	JANESVILLE	PASSIVE	PASSIVE	110	2	0	0.012	0.024	B	0.0125	80	NO	NO
193342G	11190	MN	WASECA	County Road 53	JANESVILLE	PASSIVE	PASSIVE	100	2	0	0.011	0.024	B	0.012	82	NO	NO
193344V	011260	MN	WASECA	TEAL ST	JANESVILLE	PASSIVE	PASSIVE	1100	2	0	0.036	0.067	B	0.0302	33	NO	NO
193346J	011280	MN	WASECA	SOUTH MAIN STREET	JANESVILLE	GATES	GATES	1900	2	0	0.018	0.029	B	0.0108	92	NO	NO
193348X	011300	MN	WASECA	CRAIG ST	JANESVILLE	PASSIVE	PASSIVE	380	2	0	0.027	0.053	B	0.0262	38	NO	NO
193349E	011310	MN	WASECA	S. SKOOKUM ST	JANESVILLE	PASSIVE	PASSIVE	380	2	0	0.016	0.035	B	0.0189	53	NO	NO
193354B	011510	MN	WASECA	CO RD 60	JANESVILLE	PASSIVE	PASSIVE	275	2	1	0.077	0.117	B	0.0402	25	NO	NO
193356P	011630	MN	WASECA	CO RD 37	JANESVILLE	PASSIVE	PASSIVE	460	2	1	0.088	0.133	A	0.0449	22	YES	YES
							Total			6	0.8343	1.3094		0.4750	2	Number of crossings	
							Minimum				0.0051	0.0111		0.0026	386	In the County	25
							Maximum				0.088	0.133		0.0449	22		
Blue Earth County																	
193407X	011660	MN	BLUE EARTH	CO RD 184	JANESVILLE	PASSIVE	PASSIVE	90	2	0	0.015	0.030	B	0.0152	66	NO	NO
193410F	11750	MN	BLUE EARTH	Twp 313	JANESVILLE	PASSIVE	PASSIVE	100	2	0	0.011	0.024	B	0.0121	82	NO	NO
193408E	011870	MN	BLUE EARTH	CO RD 185	EAGLE LAKE	PASSIVE	PASSIVE	75	2	0	0.011	0.022	B	0.0116	86	NO	NO
193411M	011980	MN	BLUE EARTH	TWP 325	EAGLE LAKE	PASSIVE	PASSIVE	73	2	0	0.010	0.021	B	0.0111	90	NO	NO
193414H	012080	MN	BLUE EARTH	CO RD 332	EAGLE LAKE	PASSIVE	PASSIVE	39	2	0	0.014	0.029	B	0.0146	69	NO	NO
193509R	14720	MN	BLUE EARTH	Twp. 461	MANKATO	PASSIVE	PASSIVE	100	1	0	0.010	0.024	B	0.013	75	NO	NO
193480V	14890	MN	BLUE EARTH	JUDSON FORT RD/ TW	MANKATO	PASSIVE	PASSIVE	52	2	0	0.009	0.019	B	0.0101	99	NO	NO
193481C	14980	MN	BLUE EARTH	CSAH 42	MANKATO	PASSIVE	PASSIVE	970	2	0	0.038	0.065	B	0.0266	38	NO	NO
193482J	14990	MN	BLUE EARTH	PART ST/ TWP 245	MANKATO	PASSIVE	PASSIVE	60	2	0	0.017	0.033	B	0.0162	62	NO	NO
193483R	15020	MN	BLUE EARTH	PRAIRIE ST/ TWP 249	MANKATO	PASSIVE	PASSIVE	55	1	0	0.009	0.020	B	0.0102	98	NO	NO
193484X	15630	MN	BLUE EARTH	CSAH 6	NEW ULM	PASSIVE	PASSIVE	160	2	0	0.023	0.043	B	0.0202	50	NO	NO
193485E	15660	MN	BLUE EARTH	TWP 236	NEW ULM	PASSIVE	PASSIVE	80	2	0	0.018	0.035	B	0.0174	58	NO	NO
193487T	15810	MN	BLUE EARTH	TWP 97	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	750	2	0	0.019	0.032	B	0.0130	77	NO	NO
							Total			0	0.205	0.397		0.1916	5	Number of crossings	
							Minimum				0.009	0.019		0.0101	99	In the County	13
							Maximum				0.038	0.065		0.0266	38		
Brown County																	
193571H	16060	MN	BROWN	CSAH 45	NEW ULM	PASSIVE	PASSIVE	100	2	0	0.010	0.024	B	0.013	75	NO	NO
193522E	16270	MN	BROWN	SHAG RD/ TWP 96	NEW ULM	PASSIVE	PASSIVE	115	2	0	0.011	0.025	B	0.0138	72	NO	NO
192523L	16310	MN	BROWN	TOWER RD	NEW ULM	PASSIVE	PASSIVE	50	2	1	0.054	0.085	B	0.031	33	NO	NO
193488A	16410	MN	BROWN	20TH SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	4500	4	0	0.044	0.062	B	0.0179	56	NO	NO
196260K	16440	MN	BROWN	SE 16th St	NEW ULM	PASSIVE	PASSIVE	630	2	0	0.019	0.040	B	0.021	47	NO	NO
196261S	16460	MN	BROWN	S 12th St.	NEW ULM	GATES	GATES	800	2	0	0.011	0.019	B	0.0077	130	NO	NO
193491H	016490	MN	BROWN	7TH SOUTH ST.	NEW ULM	PASSIVE	PASSIVE	550	2	0	0.031	0.060	B	0.0283	35	NO	NO

Pre/Post-Construction Accident Prediction Comparison
For Minnesota 100 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193492P	16520	MN	BROWN	3RD SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	600	2	1	0.091	0.123	B	0.0318	31	NO	NO
193493W	016540	MN	BROWN	1ST SOUTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1400	2	0	0.023	0.038	B	0.0146	68	NO	NO
193494D	016550	MN	BROWN	CENTER ST	NEW ULM	PASSIVE	PASSIVE	1100	2	2	0.154	0.233	A	0.0792	13	YES	YES
193525A	16560	MN	BROWN	FIRST STREET	NEW ULM	PASSIVE	PASSIVE	630	2	1	0.085	0.135	A	0.0508	20	YES	YES
193537U	16570	MN	BROWN	3RD NORTH ST.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	1750	2	1	0.066	0.102	B	0.0361	28	NO	NO
193536M	16680	MN	BROWN	MINNESOTA ST&17TH	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	970	2	0	0.021	0.039	B	0.0182	55	NO	NO
911203V	16720	MN	BROWN	N. 20th St.	NEW ULM	FLASHING LIGHTS	FLASHING LIGHTS	3500	2	0	0.031	0.052	B	0.0217	46	NO	NO
193560N	16800	MN	BROWN	BOUNDARY ST./N 23	NEW ULM	PASSIVE	PASSIVE	630	2	1	0.066	0.101	B	0.0345	29	NO	NO
193572H	016950	MN	BROWN	CO RD 12	NEW ULM	PASSIVE	PASSIVE	75	2	0	0.010	0.020	B	0.0105	95	NO	NO
193573P	017050	MN	BROWN	TWP 128	NEW ULM	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193579F	017150	MN	BROWN	TWP 245	ESSIG	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193574W	017250	MN	BROWN	TWP 238	ESSIG	PASSIVE	PASSIVE	40	2	0	0.008	0.018	B	0.0093	108	NO	NO
193546T	017310	MN	BROWN	TWP 129	ESSIG	PASSIVE	PASSIVE	80	2	0	0.011	0.022	B	0.0114	88	NO	NO
193575D	017360	MN	BROWN	CO RD 11/Center St	ESSIG	PASSIVE	PASSIVE	790	2	0	0.029	0.052	B	0.0233	43	NO	NO
193547A	017370	MN	BROWN	Essig W St/Twp 131	ESSIG	PASSIVE	PASSIVE	780	2	0	0.036	0.062	B	0.0260	38	NO	NO
193548G	017510	MN	BROWN	TWP 141	ESSIG	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193577S	17670	MN	BROWN	CO RD 10	SLEEPY EYE	PASSIVE	PASSIVE	140	2	0	0.023	0.043	B	0.0202	50	NO	NO
193578Y	017780	MN	BROWN	TWP 225	ESSIG	PASSIVE	PASSIVE	116	2	1	0.050	0.073	B	0.0228	44	NO	NO
193558M	017970	MN	BROWN	1ST AVE.	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3400	2	0	0.043	0.061	B	0.0179	56	NO	NO
193557F	017980	MN	BROWN	2ND AVE	SLEEPY EYE	FLASHING LIGHTS	FLASHING LIGHTS	3100	2	0	0.024	0.039	B	0.0149	67	NO	NO
193584C	017990	MN	BROWN	4TH AVE SE/ CSAH	SLEEPY EYE	PASSIVE	PASSIVE	1200	2	0	0.034	0.064	B	0.0295	34	NO	NO
193553D	018040	MN	BROWN	9TH AVE SE	SLEEPY EYE	PASSIVE	PASSIVE	850	2	1	0.083	0.134	A	0.0502	20	YES	YES
193554K	018090	MN	BROWN	Golf Course/Twp 218	SLEEPY EYE	PASSIVE	PASSIVE	55	2	0	0.008	0.020	B	0.0112	89	NO	NO
193588E	018280	MN	BROWN	TWP 138	SLEEPY EYE	PASSIVE	PASSIVE	40	2	0	0.008	0.018	B	0.0093	108	NO	NO
193589L	018380	MN	BROWN	CO RD 8	SLEEPY EYE	PASSIVE	PASSIVE	300	2	2	0.144	0.210	A	0.0654	15	YES	YES
193590F	018600	MN	BROWN	CO RD 7	COBDEN	PASSIVE	PASSIVE	130	2	0	0.021	0.041	B	0.0193	52	NO	NO
193591M	018610	MN	BROWN	CENTER ST	COBDEN	PASSIVE	PASSIVE	380	2	0	0.018	0.035	B	0.0171	58	NO	NO
193592U	018700	MN	BROWN	TWP 3	COBDEN	PASSIVE	PASSIVE	48	2	0	0.009	0.019	B	0.0098	102	NO	NO
193594H	018870	MN	BROWN	TWP 191	COBDEN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193595P	018940	MN	BROWN	MN HWY 258	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	370	2	0	0.016	0.032	B	0.0158	63	NO	NO
193596W	019050	MN	BROWN	TWP 90	SPRINGFIELD	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193610P	019140	MN	BROWN	TWP 85	SPRINGFIELD	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
911204C	19260	MN	BROWN	Cnty Rd 5	SPRINGFIELD	PASSIVE	PASSIVE	1250	2	1	0.102	0.152	A	0.0491	20	YES	YES
193612D	19270	MN	BROWN	SANDBORN ST	SPRINGFIELD	PASSIVE	PASSIVE	200	2	0	0.014	0.029	B	0.0146	68	NO	NO
193613K	019290	MN	BROWN	WASHINGTON AVE.	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.053	B	0.0262	38	NO	NO
193599S	019300	MN	BROWN	LINCOLN ST	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.053	B	0.0262	38	NO	NO
193614S	019310	MN	BROWN	CASS AVE.	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	1650	2	0	0.028	0.044	B	0.0161	62	NO	NO
193616F	019330	MN	BROWN	OCONNELL AVE.	SPRINGFIELD	PASSIVE	PASSIVE	770	2	1	0.092	0.146	A	0.0538	19	YES	YES
193600J	019360	MN	BROWN	BURNS AVE	SPRINGFIELD	PASSIVE	PASSIVE	380	2	0	0.027	0.053	B	0.0262	38	NO	NO
193859H	019410	MN	BROWN	CO RD 4	SPRINGFIELD	FLASHING LIGHTS	FLASHING LIGHTS	410	2	0	0.018	0.030	B	0.0123	81	NO	NO
193710U	19760	MN	REDWOOD	TWP 2	SANBORN	PASSIVE	PASSIVE	160	2	0	0.022	0.043	B	0.0209	48	NO	NO
							Total			13	1.707	2.817		1.1106	1	Number of crossings	
							Minimum				0.008	0.018		0.0077	130	In the County	48
							Maximum				0.154	0.233		0.0792	13		
Redwood County																	
193711B	20050	MN	BROWN	CO RD 2	SANBORN	PASSIVE	PASSIVE	56	2	0	0.008	0.020	B	0.0112	89	NO	NO
193664V	020080	MN	REDWOOD	TWP 153	SANBORN	PASSIVE	PASSIVE	146	2	0	0.012	0.026	B	0.0148	68	NO	NO
197897F	020170	MN	REDWOOD	MAIN ST.	SANBORN	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	0	0.035	0.052	B	0.0173	58	NO	NO
197896Y	020180	MN	REDWOOD	SOUTH ST.	SANBORN	PASSIVE	PASSIVE	380	2	0	0.016	0.035	B	0.0189	53	NO	NO
193669E	020260	MN	REDWOOD	TWP 149	SANBORN	PASSIVE	PASSIVE	73	2	0	0.011	0.021	B	0.0107	93	NO	NO

Pre/Post-Construction Accident Prediction Comparison
For Minnesota 100 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
193671F	020370	MN	REDWOOD	TWP 147 & 148	SANBORN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
197895S	020880	MN	REDWOOD	MAIN ST.	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	380	2	0	0.021	0.039	B	0.0182	55	NO	NO
197894K	020910	MN	REDWOOD	ILEX ST./CO RD 6	LAMBERTON	FLASHING LIGHTS	FLASHING LIGHTS	1300	2	0	0.026	0.042	B	0.0156	64	NO	NO
193712H	21090	MN	REDWOOD	TWP 190	LAMBERTON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193713P	021300	MN	REDWOOD	TWP 184	REVERE	PASSIVE	PASSIVE	99	2	0	0.011	0.024	B	0.0121	83	NO	NO
197789J	021370	MN	REDWOOD	MAIN ST./CO RD 127	REVERE	FLASHING LIGHTS	FLASHING LIGHTS	510	2	0	0.019	0.037	B	0.0177	57	NO	NO
193714W	021410	MN	REDWOOD	CO RD 7	REVERE	PASSIVE	PASSIVE	320	2	0	0.028	0.051	B	0.0229	44	NO	NO
193715D	021500	MN	REDWOOD	TWP 178	REVERE	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0102	98	NO	NO
193716K	021610	MN	REDWOOD	CO RD 10	WALNUT GROVE	PASSIVE	PASSIVE	125	2	0	0.021	0.040	B	0.0192	52	NO	NO
193717S	021710	MN	REDWOOD	TWP 127	WALNUT GROVE	PASSIVE	PASSIVE	44	2	0	0.009	0.018	B	0.0096	105	NO	NO
193718Y	021810	MN	REDWOOD	CO RD 80	WALNUT GROVE	PASSIVE	PASSIVE	530	2	0	0.032	0.057	B	0.0247	40	NO	NO
193719F	021880	MN	REDWOOD	1ST ST	WALNUT GROVE	PASSIVE	PASSIVE	49	2	1	0.045	0.063	B	0.0178	56	NO	NO
197893D	021900	MN	REDWOOD	6TH ST.	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	900	2	0	0.023	0.038	B	0.0147	68	NO	NO
197892W	21920	MN	REDWOOD	CO RD 5	WALNUT GROVE	FLASHING LIGHTS	FLASHING LIGHTS	1000	2	0	0.022	0.039	B	0.0170	59	NO	NO
193721G	022110	MN	REDWOOD	CO RD 75	WALNUT GROVE	PASSIVE	PASSIVE	55	2	0	0.007	0.018	B	0.0102	98	NO	NO
193692Y	022220	MN	REDWOOD	TWP 160	WALNUT GROVE	PASSIVE	PASSIVE	40	2	0	0.007	0.018	B	0.0102	98	NO	NO
193694M	022320	MN	REDWOOD	TWP 158	WALNUT GROVE	PASSIVE	PASSIVE	55	2	0	0.008	0.020	B	0.0112	89	NO	NO
193696B	022410	MN	REDWOOD	TWP 154 (County Line)	TRACY	PASSIVE	PASSIVE	55	2	0	0.007	0.020	B	0.0121	83	NO	NO
193697H	022510	MN	REDWOOD	TWP 184	TRACY	PASSIVE	PASSIVE	37	2	0	0.006	0.017	B	0.0107	93	NO	NO
							Total			1	0.404	0.752		0.3475	3	Number of crossings	
							Minimum				0.006	0.017		0.0096	105	In the County	24
							Maximum				0.045	0.063		0.0247	40		
Lyon County																	
193722N	022650	MN	LYON	CENTER ST	TRACY	GATES	GATES	1450	4	0	0.025	0.040	B	0.0154	65	NO	NO
193741T	022660	MN	LYON	4TH ST.	TRACY	GATES	GATES	2200	2	1	0.047	0.068	B	0.0209	48	NO	NO
193742A	022720	MN	LYON	HIGHLINE RD 73	TRACY	PASSIVE	PASSIVE	650	2	0	0.033	0.060	B	0.0264	38	NO	NO
193699W	022800	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	320	2	2	0.128	0.189	A	0.0618	16	YES	YES
193700N	022830	MN	LYON	TWP 227	TRACY	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193702C	022950	MN	LYON	CO RD 14	TRACY	PASSIVE	PASSIVE	225	2	0	0.024	0.047	B	0.0223	45	NO	NO
193708T	023150	MN	LYON	TWP 217	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193709A	023250	MN	LYON	TWP 208	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193810Y	023350	MN	LYON	US HWY 59	GARVIN	FLASHING LIGHTS	FLASHING LIGHTS	1350	2	0	0.023	0.042	B	0.0193	52	NO	NO
193757P	023390	MN	LYON	1ST ST	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193758W	023450	MN	LYON	TWP 201	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193759D	023550	MN	LYON	TWP 194	GARVIN	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193743G	023660	MN	LYON	CO RD 7	BALATON	PASSIVE	PASSIVE	155	2	0	0.022	0.042	B	0.0208	48	NO	NO
193744N	023760	MN	LYON	TWP 190	BALATON	PASSIVE	PASSIVE	73	2	0	0.010	0.021	B	0.0115	87	NO	NO
193745V	023860	MN	LYON	TWP 27	BALATON	PASSIVE	PASSIVE	5	2	0	0.004	0.009	B	0.0049	204	NO	NO
193797M	023940	MN	LYON	2ND ST. SW	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	1050	2	1	0.065	0.093	B	0.0271	37	NO	NO
193748R	023990	MN	LYON	CO RD 5	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	710	2	0	0.019	0.031	B	0.0128	78	NO	NO
193751Y	024180	MN	LYON	TWP 14	BALATON	PASSIVE	PASSIVE	38	2	0	0.008	0.017	B	0.0094	106	NO	NO
193752F	024230	MN	LYON	TWP 176	BALATON	PASSIVE	PASSIVE	45	2	0	0.008	0.018	B	0.0099	101	NO	NO
193753M	024330	MN	LYON	TWP 244	BALATON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193755B	024440	MN	LYON	MN HWY 91	BALATON	FLASHING LIGHTS	FLASHING LIGHTS	495	2	0	0.016	0.032	B	0.0159	63	NO	NO
193725J	024590	MN	LYON	TWP 15	BALATON	PASSIVE	PASSIVE	55	2	0	0.016	0.032	B	0.0164	61	NO	NO
193726R	024640	MN	LYON	CO RD 13	TYLER	PASSIVE	PASSIVE	50	2	0	0.015	0.031	B	0.0160	62	NO	NO
193730F	024920	MN	LYON	TWP 262	TYLER	PASSIVE	PASSIVE	16	2	0	0.006	0.013	B	0.0072	139	NO	NO
193732U	024980	MN	LYON	CO RD 51	TYLER	PASSIVE	PASSIVE	15	2	0	0.006	0.013	B	0.0071	142	NO	NO
							Total			4	0.537	0.936		0.3991	3	Number of crossings	
							Minimum				0.004	0.009		0.0049	204	In the County	25

Pre/Post-Construction Accident Prediction Comparison
For Minnesota 100 MNT
ALTERNATIVE D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
							Maximum				0.128	0.189		0.0618	16		
Lincoln County																	
193734H	025180	MN	LINCOLN	TWP 82	TYLER	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193736W	025290	MN	LINCOLN	CO RD 115	TYLER	PASSIVE	PASSIVE	380	2	0	0.017	0.035	B	0.0177	56	NO	NO
193798U	025340	MN	LINCOLN	WILLOW ST	TYLER	PASSIVE	PASSIVE	380	2	1	0.080	0.124	B	0.0440	23	NO	NO
193799B	025350	MN	LINCOLN	TYLER ST	TYLER	GATES	GATES	3150	2	0	0.018	0.029	B	0.0108	92	NO	NO
193800T	025380	MN	LINCOLN	CO RD 8	TYLER	GATES	GATES	1000	2	0	0.014	0.023	B	0.0089	112	NO	NO
193737D	025490	MN	LINCOLN	TWP 90	TYLER	PASSIVE	PASSIVE	59	2	0	0.009	0.020	B	0.0108	93	NO	NO
193740L	025590	MN	LINCOLN	TWP 96	TYLER	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193761E	025690	MN	LINCOLN	CO RD 111	TYLER	PASSIVE	PASSIVE	95	2	0	0.011	0.023	B	0.0124	81	NO	NO
193762L	025790	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193764A	025900	MN	LINCOLN	TWP 104	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193801A	026160	MN	LINCOLN	CENTER ST.	LAKE BENTON	GATES	GATES	1100	2	0	0.012	0.020	B	0.0082	122	NO	NO
193802G	026190	MN	LINCOLN	BENTON ST.	LAKE BENTON	PASSIVE	PASSIVE	450	2	1	0.083	0.128	A	0.0452	22	YES	YES
193768C	026330	MN	LINCOLN	TWP 100	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193769J	026480	MN	LINCOLN	TWP 7	LAKE BENTON	PASSIVE	PASSIVE	55	2	0	0.009	0.020	B	0.0106	95	NO	NO
193770D	026590	MN	LINCOLN	CO RD 9	VERDI	FLASHING LIGHTS	FLASHING LIGHTS	450	2	0	0.016	0.027	B	0.0115	87	NO	NO
193771K	026730	MN	LINCOLN	TWP 125	VERDI	PASSIVE	PASSIVE	50	2	0	0.009	0.019	B	0.0103	97	NO	NO
193773Y	026750	MN	LINCOLN	CO RD 9	VERDI	PASSIVE	PASSIVE	150	2	0	0.021	0.042	B	0.0206	49	NO	NO
193772S	026780	MN	LINCOLN	MAIN STREET	VERDI	PASSIVE	PASSIVE	23	2	0	0.007	0.015	B	0.0081	124	NO	NO
193776U	026830	MN	LINCOLN	CO RD 2	VERDI	PASSIVE	PASSIVE	75	2	0	0.017	0.035	B	0.0177	57	NO	NO
193780J	026940	MN	LINCOLN	TWP 132	VERDI	PASSIVE	PASSIVE	720	2	0	0.021	0.042	B	0.0204	49	NO	NO
193782X	27040	MN	LINCOLN	TWP 133	VERDI	PASSIVE	PASSIVE	40	2	0	0.008	0.018	B	0.0096	104	NO	NO
193783E	027140	MN	LINCOLN	CO RD 1	ELKTON	PASSIVE	PASSIVE	110	2	0	0.019	0.039	B	0.0193	52	NO	NO
193784L	027250	MN	LINCOLN	TWP 138	ELKTON	PASSIVE	PASSIVE	44	2	0	0.008	0.018	B	0.0099	101	NO	NO
							Total			2	0.424	0.773		0.3487	3	Number of crossings	
							Minimum				0.007	0.015		0.0081	124	In the County	23
							Maximum				0.083	0.128		0.0452	22		

Pre-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193785T	027360	SD	BROOKINGS	487TH AVE	ELKTON	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193786A	027440	SD	BROOKINGS	ELK ST	ELKTON	PASSIVE	1400	10	6	35	1	1	2	0.105	5	0	0.059	0.042
193787G	027460	SD	BROOKINGS	N BUFFALO ST	ELKTON	PASSIVE	250	10	6	35	1	2	2	0.030	5	0	0.022	0.016
193788N	027470	SD	BROOKINGS	CORNELL AVE	ELKTON	PASSIVE	300	10	6	35	1	1	2	0.059	5	0	0.038	0.027
193789V	027480	SD	BROOKINGS	SD HWY 13	ELKTON	PASSIVE	642	10	6	35	1	1	2	0.078	5	0	0.048	0.034
193791W	027570	SD	BROOKINGS	485TH AVE	ELKTON	PASSIVE	35	10	6	35	1	2	2	0.015	5	0	0.011	0.008
193792D	027680	SD	BROOKINGS	484TH AVE	ELKTON	PASSIVE	39	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193794S	027780	SD	BROOKINGS	483RD AVE	ELKTON	PASSIVE	36	10	6	35	1	2	2	0.015	5	0	0.011	0.008
193795Y	027810	SD	BROOKINGS	216TH ST	ELKTON	PASSIVE	33	10	6	35	1	2	2	0.014	5	0	0.011	0.008
197475M	27880	SD	BROOKINGS	482ND AVE	ELKTON	PASSIVE	93	10	6	35	1	2	2	0.021	5	0	0.016	0.011
193805C	027990	SD	BROOKINGS	481ST AVE	AURORA	PASSIVE	41	10	6	35	1	2	2	0.016	5	0	0.012	0.008
197476U	028090	SD	BROOKINGS	480TH AVE	AURORA	PASSIVE	47	10	6	35	1	2	2	0.016	5	0	0.012	0.009
197477B	028150	SD	BROOKINGS	215TH ST	AURORA	PASSIVE	27	10	6	35	1	2	2	0.013	5	0	0.010	0.007
193806J	028200	SD	BROOKINGS	479TH AVE	AURORA	PASSIVE	43	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193807R	028300	SD	BROOKINGS	478TH AVE	AURORA	PASSIVE	42	10	6	35	1	2	2	0.016	5	0	0.012	0.008
193808X	028410	SD	BROOKINGS	477TH AVE	AURORA	PASSIVE	31	10	6	35	1	2	2	0.014	5	0	0.011	0.008
197424C	028490	SD	BROOKINGS	HULL AVE	AURORA	PASSIVE	5	10	6	35	1	2	2	0.007	5	0	0.006	0.004
197425J	028510	SD	BROOKINGS	BROADWAY AVE	AURORA	PASSIVE	139	10	6	35	1	1	2	0.044	5	0	0.030	0.022
197426R	028620	SD	BROOKINGS	475TH AVE	AURORA	PASSIVE	21	10	6	35	1	2	2	0.012	5	0	0.009	0.007
197429L	028830	SD	BROOKINGS	34THAAVE	BROOKINGS	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
197430F	28870	SD	BROOKINGS	INDUSTRIAL/ 8TH ST	BROOKINGS	PASSIVE	10	10	6.25	35	1	2	2	0.009	5	0	0.007	0.005
197478H	028930	SD	BROOKINGS	22ND AVE	BROOKINGS	FLASHING LIGHTS	12703	10	6	20	1	1	4	0.251	5	2	0.341	0.180
197479P	28960	SD	BROOKINGS	17TH AVE SO.	BROOKINGS	FLASHING LIGHTS	3025	10	6	20	1	1	2	0.097	5	0	0.056	0.030
197480J	029030	SD	BROOKINGS	MEDARY AVE	BROOKINGS	FLASHING LIGHTS	6440	10	6	20	1	1	2	0.132	5	0	0.069	0.037
197481R	029090	SD	BROOKINGS	MAIN AVE	BROOKINGS	FLASHING LIGHTS	7988	10	6	10	1	1	4	0.207	5	0	0.091	0.048
Segment 7 Arlington to Brookings MP 290.9 to 308.3																		
197482X	029110	SD	BROOKINGS	WESTERN AVE	BROOKINGS	FLASHING LIGHTS	2630	8	5	20	1	1	2	0.081	5	0	0.049	0.026
197483E	029210	SD	BROOKINGS	6TH ST W	BROOKINGS	PASSIVE	30	8	5	20	1	2	2	0.011	5	0	0.008	0.006
197484L	029240	SD	BROOKINGS	16TH AVE W	BROOKINGS	PASSIVE	78	8	5	20	1	2	2	0.016	5	0	0.012	0.008
197485T	029350	SD	BROOKINGS	468TH AVE	BROOKINGS	PASSIVE	20	8	5	20	1	2	2	0.009	5	0	0.007	0.005
197487G	029460	SD	BROOKINGS	467TH AVE	BROOKINGS	PASSIVE	35	8	5	20	2	2	2	0.012	5	0	0.009	0.006
197440L	29650	SD	BROOKINGS	CASPIAN	VOLGA	GATES	46	8	5	35	1	2	2	0.013	5	0	0.010	0.005
197441T	029720	SD	BROOKINGS	HANSINA ST.	VOLGA	FLASHING LIGHTS	1787	8	5	35	1	1	2	0.069	5	0	0.043	0.023
197442A	029730	SD	BROOKINGS	KASAN ST	VOLGA	FLASHING LIGHTS	2180	8	5	35	1	1	2	0.075	5	0	0.046	0.024
197443G	029740	SD	BROOKINGS	SAMARA ST	VOLGA	FLASHING LIGHTS	950	8	5	35	1	1	2	0.053	5	0	0.035	0.019
197445V	029840	SD	BROOKINGS	463RD AVE	VOLGA	PASSIVE	20	8	5	35	1	2	2	0.011	5	0	0.008	0.006
197493K	029870	SD	BROOKINGS	HWY 14	VOLGA	FLASHING LIGHTS	2962	8	5	35	1	1	2	0.085	5	0	0.051	0.027
197446C	029960	SD	BROOKINGS	462ND AVE	VOLGA	PASSIVE	30	8	5	35	1	2	2	0.012	5	0	0.009	0.007
197447J	030170	SD	BROOKINGS	460TH AVE	VOLGA	PASSIVE	17	8	5	35	1	2	1	0.010	5	0	0.008	0.005
197448R	030280	SD	BROOKINGS	459TH AVE	VOLGA	PASSIVE	170	8	5	35	1	1	2	0.042	5	1	0.092	0.066
197449X	030380	SD	BROOKINGS	458TH AVE	ARLINGTON	PASSIVE	25	8	5	35	1	2	2	0.012	5	0	0.009	0.006
197450S	030480	SD	BROOKINGS	457TH AVE	ARLINGTON	PASSIVE	30	8	5	35	1	2	2	0.012	5	0	0.009	0.007
197502G	030680	SD	BROOKINGS	455TH AVE	ARLINGTON	PASSIVE	20	8	5	35	1	2	2	0.011	5	0	0.008	0.006
197503N	030730	SD	BROOKINGS	209TH ST	ARLINGTON	PASSIVE	15	8	5	20	2	2	2	0.008	5	0	0.007	0.005
197451Y	030800	SD	BROOKINGS	US HWY 81	ARLINGTON	FLASHING LIGHTS	1536	8	5	20	1	1	4	0.094	5	0	0.055	0.029
197452F	30820	SD	KINGSBURY	MAIN ST	ARLINGTON	PASSIVE	630	8	5	20	3	1	2	0.061	5	0	0.039	0.028
Segment 8 Huron to Arlington MP 308.3 to 362.8																		

Pre-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
197453M	30830	SD	KINGSBURY	3RD ST N.	ARLINGTON	PASSIVE	300	6	4	20	3	2	2	0.022	5	0	0.016	0.012
197454U	030840	SD	KINGSBURY	4TH ST. N.	ARLINGTON	PASSIVE	430	6	4	20	3	1	2	0.046	5	0	0.031	0.022
197504V	030940	SD	KINGSBURY	453RD AVE	ARLINGTON	PASSIVE	43	6	4	35	2	2	2	0.012	5	0	0.009	0.007
197505C	031060	SD	KINGSBURY	452ND AVE	ARLINGTON	PASSIVE	74	6	4	35	1	2	2	0.015	5	0	0.011	0.008
197507R	031160	SD	KINGSBURY	451ST AVE	ARLINGTON	PASSIVE	20	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197508X	031260	SD	KINGSBURY	450TH AVE	ARLINGTON	PASSIVE	245	6	4	35	2	1	2	0.042	5	1	0.091	0.065
197509E	031390	SD	KINGSBURY	449TH AVE/MAIN ST	HETLAND	PASSIVE	118	6	4	35	1	2	2	0.017	5	0	0.013	0.009
197510Y	031470	SD	KINGSBURY	448TH AVE	HETLAND	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197514B	031670	SD	KINGSBURY	446TH AVE	LAKE PRESTON	PASSIVE	5	6	4	35	1	2	2	0.005	5	0	0.004	0.003
197519K	032070	SD	KINGSBURY	PARK AVE	LAKE PRESTON	PASSIVE	408	6	4	35	1	1	2	0.050	5	0	0.033	0.024
197520E	032090	SD	KINGSBURY	LAKE AVE	LAKE PRESTON	PASSIVE	89	6	4	35	3	2	2	0.016	5	1	0.061	0.044
197521L	032100	SD	KINGSBURY	MAIN ST	LAKE PRESTON	PASSIVE	2496	6	4	35	3	1	2	0.098	5	0	0.056	0.040
197522T	032110	SD	KINGSBURY	PRESTON AVE	LAKE PRESTON	PASSIVE	86	6	4	35	3	2	2	0.016	5	0	0.012	0.008
197523A	032170	SD	KINGSBURY	441ST AVE	LAKE PRESTON	FLASHING LIGHTS	225	6	4	35	1	1	2	0.026	5	2	0.128	0.068
197679Y	032370	SD	KINGSBURY	439TH AVE	LAKE PRESTON	PASSIVE	5	6	4	35	1	2	2	0.005	5	0	0.004	0.003
197680T	032480	SD	KINGSBURY	438TH AVE	LAKE PRESTON	PASSIVE	3	6	4	35	1	2	2	0.005	5	0	0.004	0.003
197681A	032580	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	75	6	4	35	1	2	2	0.015	5	0	0.011	0.008
197683N	032680	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197684V	032780	SD	KINGSBURY	435TH AVE	DE SMET	PASSIVE	27	6	4	35	1	2	2	0.010	5	0	0.008	0.006
197685C	032930	SD	KINGSBURY	LYLE AVE	DE SMET	PASSIVE	115	6	4	35	1	2	2	0.017	5	1	0.063	0.045
197456H	032970	SD	KINGSBURY	CALUMET AVE	DE SMET	PASSIVE	390	6	4	35	3	1	2	0.049	5	1	0.099	0.071
197457P	032980	SD	KINGSBURY	HWY 25	DE SMET	FLASHING LIGHTS	3063	6	4	35	2	1	2	0.090	5	0	0.053	0.028
197458W	032990	SD	KINGSBURY	SHERWOOD	DE SMET	PASSIVE	186	6	4	35	2	1	2	0.038	5	0	0.026	0.019
197459D	033000	SD	KINGSBURY	HARVEY DUNN	DE SMET	PASSIVE	130	6	4	35	2	2	2	0.018	5	0	0.014	0.010
197686J	033040	SD	KINGSBURY	PRAIRIE AVE	DE SMET	PASSIVE	610	6	4	35	2	1	2	0.058	5	0	0.038	0.027
197687R	033080	SD	KINGSBURY	432ND AVE	DE SMET	PASSIVE	33	6	4	35	1	2	2	0.011	5	0	0.008	0.006
197690Y	033290	SD	KINGSBURY	430TH AVE	DE SMET	PASSIVE	2	6	4	35	1	2	2	0.004	5	0	0.003	0.002
197460X	033390	SD	KINGSBURY	429TH AVE	DE SMET	PASSIVE	36	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197461E	33490	SD	KINGSBURY	428TH AVE.	DE SMET	PASSIVE	10	6	3.75	35	1	2	1	0.007	5	0	0.005	0.004
197462L	033590	SD	KINGSBURY	427TH AVE	DE SMET	PASSIVE	35	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197464A	033700	SD	KINGSBURY	426TH AVE	DE SMET	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197465G	033800	SD	KINGSBURY	425TH AVE	DE SMET	PASSIVE	215	6	4	35	1	1	2	0.040	5	0	0.027	0.020
197466N	033840	SD	KINGSBURY	MANCHESTER	DE SMET	PASSIVE	45	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197467V	033890	SD	KINGSBURY	424TH AVE	DE SMET	PASSIVE	17	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197469J	34000	SD	KINGSBURY	423RD AVE	DE SMET	PASSIVE	62	6	4	35	1	2	1	0.014	5	0	0.010	0.007
197470D	034100	SD	KINGSBURY	422ND AVE	IROQUOIS	PASSIVE	62	6	4	35	1	2	2	0.014	5	0	0.010	0.007
197691F	34200	SD	KINGSBURY	421ST AVE	IROQUOIS	PASSIVE	8	6	4	35	1	2	1	0.006	5	0	0.005	0.004
197692M	034300	SD	KINGSBURY	420TH AVE	IROQUOIS	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197694B	34390	SD	KINGSBURY	419TH AVE	IROQUOIS	PASSIVE	19	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197696P	34420	SD	KINGSBURY	US HWY 14	IROQUOIS	FLASHING LIGHTS	1285	6	3.75	25	1	1	2	0.052	5	0	0.035	0.018
197697W	34460	SD	KINGSBURY	OTTAWA ST	IROQUOIS	PASSIVE	613	6	4	20	2	1	2	0.052	5	0	0.034	0.025
197698D	34470	SD	KINGSBURY	QUAPAW ST	IROQUOIS	PASSIVE	230	6	4	20	2	2	2	0.020	5	0	0.015	0.011
197471K	034490	SD	KINGSBURY	418TH AVE/SIOUX ST	IROQUOIS	FLASHING LIGHTS	157	6	4	20	1	1	2	0.022	5	0	0.016	0.009
197473Y	034690	SD	BEADLE	416TH AVE	IROQUOIS	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197474F	034790	SD	BEADLE	415TH AVE	IROQUOIS	PASSIVE	42	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197455B	034890	SD	BEADLE	414TH AVE	IROQUOIS	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197887A	034990	SD	BEADLE	413TH AVE	CAVOUR	PASSIVE	95	6	4	35	1	2	2	0.016	5	0	0.012	0.009
197701J	35080	SD	BEADLE	412TH AVE	CAVOUR	PASSIVE	35	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197702R	35180	SD	BEADLE	411TH AVE	CAVOUR	PASSIVE	19	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197703X	35280	SD	BEADLE	410TH AVE	CAVOUR	PASSIVE	35	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197704E	035380	SD	BEADLE	409TH AVE	CAVOUR	PASSIVE	188	6	4	35	1	1	2	0.038	5	0	0.026	0.019
197706T	035480	SD	BEADLE	408TH AVE	CAVOUR	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197707A	35580	SD	BEADLE	407TH AVE	CAVOUR	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197708G	035680	SD	BEADLE	406TH AVE	HURON	PASSIVE	37	6	4	35	1	2	2	0.011	5	0	0.009	0.006

Pre-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
197710H	035780	SD	BEADLE	405TH AVE	HURON	PASSIVE	44	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197711P	035880	SD	BEADLE	404TH AVE	HURON	PASSIVE	40	6	4	35	1	2	2	0.012	5	0	0.009	0.006
197891P	035980	SD	BEADLE	403RD AVE	HURON	PASSIVE	45	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197890H	036080	SD	BEADLE	CUSTER AVE	HURON	FLASHING LIGHTS	45	6	4	20	1	1	2	0.013	5	0	0.010	0.005
189696U	36220	SD	BEADLE	SIMMONS AVE	HURON	PASSIVE	545	6	4	30	1	1	2	0.054	5	1	0.104	0.074
189698H	36280	SD	BEADLE	DAKOTA AVE	HURON	FLASHING LIGHTS	11030	6	4	30	3	1	4	0.267	5	0	0.103	0.055
Segment 9 Wolsey to Huron MP 362.8 to 376.1																		
189701N	36380	SD	BEADLE	LINCOLN AVE	HURON	FLASHING LIGHTS	5290	6	4	30	5	1	2	0.201	5	0	0.089	0.047
189702V	036470	SD	BEADLE	US HWY 14	HURON	FLASHING LIGHTS	2137	6	4	30	1	1	4	0.093	5	1	0.137	0.073
189703C	36480	SD	BEADLE	W PARK AVE	HURON	PASSIVE	125	6	4	30	1	2	2	0.017	5	0	0.013	0.009
189704J	36590	SD	BEADLE	397TH AVE	HURON	PASSIVE	40	6	4	30	1	1	2	0.020	5	0	0.015	0.011
189705R	36690	SD	BEADLE	396TH AVE	HURON	PASSIVE	29	6	4	30	2	2	1	0.010	5	0	0.008	0.006
189706X	036800	SD	BEADLE	395TH AVE	HURON	PASSIVE	20	6	4	30	1	2	1	0.009	5	0	0.007	0.005
189707E	36900	SD	BEADLE	394TH AVE	WOLSEY	PASSIVE	305	6	4	30	1	1	2	0.043	5	2	0.157	0.112
189708L	37000	SD	BEADLE	393RD AVE	WOLSEY	PASSIVE	35	6	4	30	1	2	2	0.011	5	0	0.008	0.006
189710M	37100	SD	BEADLE	392ND AVE	WOLSEY	PASSIVE	20	6	4	30	1	2	1	0.009	5	0	0.007	0.005
189712B	37320	SD	BEADLE	390TH AVE	WOLSEY	PASSIVE	19	6	4	30	1	2	2	0.009	5	0	0.007	0.005
189713H	37480	SD	BEADLE	389TH AVE	WOLSEY	PASSIVE	3	6	4	30	1	2	1	0.004	5	0	0.003	0.002
Segment 10 Midland to Wolsey MP 376.1 to 533.2																		
189716D	37620	SD	BEADLE	COMMERCIAL AVE	WOLSEY	FLASHING LIGHTS	2671	4	3	30	3	1	2	0.084	5	1	0.130	0.069
189717K	37630	SD	BEADLE	387TH AVE	WOLSEY	PASSIVE	200	4	3	30	2	2	1	0.016	5	0	0.012	0.009
189718S	37730	SD	BEADLE	386TH AVE	WOLSEY	PASSIVE	27	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189720T	37930	SD	BEADLE	384TH AVE	WOLSEY	PASSIVE	24	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189722G	38040	SD	BEADLE	383RD AVE	WOLSEY	PASSIVE	15	4	3	30	1	2	2	0.006	5	0	0.005	0.004
189724V	38140	SD	BEADLE	382ND AVE	WESSINGTON	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189726J	038350	SD	BEADLE	378TH AVE	WESSINGTON	PASSIVE	12	4	3	30	1	2	1	0.006	5	0	0.005	0.003
189728X	38550	SD	BEADLE	376TH AVE	WESSINGTON	PASSIVE	20	4	3	30	1	2	2	0.007	5	0	0.005	0.004
189730Y	38650	SD	BEADLE	375TH AVE	WESSINGTON	PASSIVE	25	4	3	30	1	2	2	0.008	5	0	0.006	0.004
189731F	038750	SD	BEADLE	WESSINGTON ST	WESSINGTON	PASSIVE	952	4	3	30	2	1	2	0.053	5	1	0.103	0.074
189732M	38770	SD	BEADLE	374TH AVE	WESSINGTON	PASSIVE	464	4	3	30	2	1	2	0.041	5	0	0.028	0.020
189734B	38880	SD	HAND	373RD AVE	WESSINGTON	PASSIVE	14	4	3	30	1	2	1	0.006	5	0	0.005	0.003
189736P	39000	SD	HAND	372ND AVE	WESSINGTON	PASSIVE	9	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189738D	39110	SD	HAND	371ST AVE	WESSINGTON	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189740E	39220	SD	HAND	370TH AVE	WESSINGTON	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189742T	39340	SD	HAND	369TH AVE	ST LAWRENCE	PASSIVE	120	4	3	30	1	1	2	0.025	5	0	0.018	0.013
189744G	039560	SD	HAND	367TH AVE	ST LAWRENCE	PASSIVE	1	4	3	30	1	2	1	0.002	5	0	0.002	0.001
189746V	039670	SD	HAND	366TH AVE	ST LAWRENCE	PASSIVE	25	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189747C	39760	SD	HAND	365TH AVE	ST LAWRENCE	PASSIVE	1	4	3	30	1	2	1	0.002	5	0	0.002	0.001
189748J	39860	SD	HAND	364TH AVE	ST LAWRENCE	PASSIVE	4	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189749R	39960	SD	HAND	363RD AVE	ST LAWRENCE	PASSIVE	115	4	3	30	1	1	2	0.024	5	0	0.018	0.013
189751S	40030	SD	HAND	MAPLE ST	ST LAWRENCE	PASSIVE	164	4	3	30	2	2	2	0.015	5	0	0.012	0.008
189752Y	040040	SD	HAND	COMMERCIAL AVE	ST LAWRENCE	GATES	166	4	3	30	2	2	2	0.015	5	1	0.061	0.030
189754M	40160	SD	HAND	361ST AVE	GRENVILLE	PASSIVE	25	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189755U	40260	SD	HAND	3RD ST	MILLER	PASSIVE	400	4	3	30	2	1	2	0.039	5	0	0.027	0.019
189756B	040290	SD	HAND	BROADWAY/HWY 47	MILLER	FLASHING LIGHTS	2505	4	3	30	3	1	2	0.082	5	0	0.049	0.026
189757H	40310	SD	HAND	3RD AVE W	MILLER	PASSIVE	204	4	3	30	1	2	1	0.017	5	0	0.012	0.009
189758P	40360	SD	HAND	359TH AVE	MILLER	PASSIVE	14	4	3	30	1	2	1	0.006	5	0	0.005	0.003
189759W	40460	SD	HAND	358TH AVE	MILLER	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189760R	40560	SD	HAND	357TH AVE	MILLER	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189761X	40660	SD	HAND	356TH AVE	MILLER	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002

Pre-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
189762E	40750	SD	HAND	355TH AVE	MILLER	PASSIVE	49	4	3	30	1	2	1	0.010	5	0	0.008	0.005
189763L	40860	SD	HAND	354TH AVE	REE HEIGHTS	PASSIVE	3	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189765A	41060	SD	HAND	352ND AVE	REE HEIGHTS	PASSIVE	5	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189767N	41260	SD	HAND	350TH AVE	REE HEIGHTS	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189768V	41330	SD	HAND	DAKOTA AVE	REE HEIGHTS	FLASHING LIGHTS	508	4	3	30	2	1	2	0.035	5	0	0.025	0.013
189769C	041360	SD	HAND	LINCOLN AVE	REE HEIGHTS	PASSIVE	5	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189770W	41550	SD	HAND	347TH AVE	REE HEIGHTS	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189771D	041660	SD	HAND	346TH AVE	REE HEIGHTS	PASSIVE	7	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189772K	041830	SD	HAND	344TH AVE	REE HEIGHTS	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189775F	42120	SD	HYDE	341ST AVE/CO RD 959	HIGHMORE	PASSIVE	115	4	3	30	1	2	9	0.013	5	0	0.010	0.007
189776M	042230	SD	HYDE	340TH AVE	HIGHMORE	PASSIVE	1	4	3	30	1	2	1	0.002	5	0	0.002	0.001
189780C	42420	SD	HYDE	338TH AVE	HIGHMORE	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189781J	042500	SD	HYDE	COMMERCIAL	HIGHMORE	GATES	272	4	3	30	3	2	2	0.021	5	1	0.068	0.033
189782R	42520	SD	HYDE	IOWA AVE	HIGHMORE	GATES	1543	4	3	30	4	1	2	0.040	5	0	0.028	0.014
189784E	42620	SD	HYDE	336TH AVE	HIGHMORE	PASSIVE	8	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189786T	42820	SD	HYDE	334TH AVE	HIGHMORE	PASSIVE	6	4	3	30	1	2	2	0.005	5	0	0.004	0.003
189787A	42920	SD	HYDE	333RD AVE/CO RD 961	HIGHMORE	PASSIVE	36	4	3	30	1	2	2	0.009	5	0	0.007	0.005
189789N	43120	SD	HYDE	330TH AVE	HIGHMORE	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189791P	43290	SD	HYDE	OAK ST	HIGHMORE	PASSIVE	21	4	3	30	1	2	1	0.007	5	0	0.006	0.004
189792W	043320	SD	HYDE	328TH AVE/CO RD 649	HIGHMORE	PASSIVE	80	4	3	30	1	1	2	0.021	5	0	0.016	0.011
189793D	43420	SD	HYDE	327TH AVE	HIGHMORE	PASSIVE	3	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189795S	43520	SD	HYDE	326TH AVE	HIGHMORE	PASSIVE	3	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189797F	043620	SD	HYDE	325TH AVE	HIGHMORE	PASSIVE	7	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189799U	043820	SD	HUGHES	323RD AVE	HARROLD	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189800L	043920	SD	HUGHES	322ND AVE	HARROLD	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189801T	43990	SD	HUGHES	WYMAN AVE	HARROLD	FLASHING LIGHTS	300	4	3	30	3	1	2	0.034	5	3	0.202	0.107
189802A	044020	SD	HUGHES	321ST AVE	HARROLD	PASSIVE	145	4	3	30	1	1	2	0.027	5	0	0.019	0.014
189805V	44320	SD	HUGHES	318TH AVE	HARROLD	PASSIVE	35	4	3	30	1	2	1	0.009	5	0	0.007	0.005
189809X	044720	SD	HUGHES	314TH AVE	BLUNT	PASSIVE	35	4	3	30	1	2	2	0.009	5	0	0.007	0.005
189810S	44920	SD	HUGHES	312TH AVE	BLUNT	PASSIVE	16	4	3	30	1	2	1	0.006	5	0	0.005	0.004
189812F	45130	SD	HUGHES	310TH AVE		PASSIVE	9	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189813M	45220	SD	HUGHES	309TH AVE	BLUNT	PASSIVE	9	4	3	30	2	2	2	0.005	5	0	0.004	0.003
189816H	045330	SD	HUGHES	CANNING RD	BLUNT	PASSIVE	153	4	3	30	1	1	2	0.027	5	0	0.020	0.014
189822L	046110	SD	HUGHES	CHELSEY RD	BLUNT	PASSIVE	82	4	3	30	1	2	2	0.012	5	0	0.009	0.006
189839P	47790	SD	HUGHES	FARM ISLAND RD	PIERRE	PASSIVE	80	4	3	30	1	1	2	0.021	5	0	0.016	0.011
189840J	47840	SD	HUGHES	UPS RD	PIERRE	PASSIVE	30	4	3	30	1	1	2	0.015	5	0	0.011	0.008
189841R	47890	SD	HUGHES	RECREATIONAL/ GOLF	PIERRE	PASSIVE	1	4	2.5	30	1	1	2	0.004	5	0	0.003	0.002
189842X	47950	SD	HUGHES	LOWELL RD	PIERRE	PASSIVE	1000	4	3	30	2	1	2	0.054	5	0	0.036	0.026
189843E	48000	SD	HUGHES	INDUSTRIAL	PIERRE	PASSIVE	3798	4	3	30	2	1	2	0.089	5	0	0.052	0.038
189844L	48050	SD	HUGHES	HARRISON	PIERRE	PASSIVE	100	4	3	30	2	1	2	0.023	5	1	0.070	0.050
189845T	48070	SD	HUGHES	MONROE	PIERRE	PASSIVE	1560	4	3	30	2	1	2	0.064	5	0	0.041	0.029
189846A	48110	SD	HUGHES	HWY 14/ 34	PIERRE	FLASHING LIGHTS	19755	4	3	30	2	1	4	0.227	5	0	0.095	0.050
189847G	48140	SD	HUGHES	REE ST	PIERRE	PASSIVE	1020	4	3	30	1	1	2	0.055	5	0	0.036	0.026
189848N	48160	SD	HUGHES	HIGHLAND AVE	PIERRE	FLASHING LIGHTS	6045	4	3	30	1	1	2	0.080	5	0	0.048	0.026
189850P	48190	SD	HUGHES	CENTRAL ST	PIERRE	FLASHING LIGHTS	6365	4	3	30	1	1	2	0.082	5	0	0.049	0.026
189851W	48220	SD	HUGHES	POPLAR	PIERRE	FLASHING LIGHTS	1149	4	2.5	30	1	1	2	0.040	5	0	0.028	0.015
189856F	48350	SD	STANLEY	HWY 14/ 34	FORT PIERRE	FLASHING LIGHTS	3500	4	3	30	1	1	2	0.064	5	0	0.041	0.022
189857M	48370	SD	STANLEY	STANLEY RD	FORT PIERRE	PASSIVE	50	4	3	30	1	2	2	0.010	5	0	0.008	0.005
189858U	048410	SD	STANLEY	7TH AVE/SALEBARN RI	FORT PIERRE	PASSIVE	392	4	3	30	2	2	2	0.021	5	1	0.068	0.049
189859B	48430	SD	STANLEY	FIFTH AVE	FORT PIERRE	PASSIVE	211	4	3	30	2	2	2	0.017	5	0	0.013	0.009
189860V	48450	SD	STANLEY	SECOND AVE	FORT PIERRE	PASSIVE	756	4	3	30	1	1	2	0.049	5	0	0.033	0.023
189861C	048460	SD	STANLEY	MAIN AVE	FORT PIERRE	PASSIVE	3136	4	3	30	1	1	2	0.083	5	0	0.050	0.036
189862J	48490	SD	STANLEY	PARK	FORT PIERRE	PASSIVE	406	4	3	30	1	2	2	0.021	5	0	0.016	0.011
189864X	48590	SD	STANLEY	BAD RIVER RD	FORT PIERRE	PASSIVE	385	4	3	30	1	2	2	0.021	5	0	0.015	0.011

Pre-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
189870B	048940	SD	STANLEY	TRAIL PLACE RD	FORT PIERRE	PASSIVE	15	4	3	30	1	2	1	0.006	5	0	0.005	0.004
189889T	050300	SD	STANLEY	WENDTE RD	FORT PIERRE	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189902E	51320	SD	JONES	VAN METRE RD	MIDLAND	PASSIVE	62	4	3	30	2	2	2	0.011	5	0	0.008	0.006
189908V	052020	SD	JONES	VAN METRE RD W	MIDLAND	PASSIVE	16	4	3	30	1	2	1	0.006	5	0	0.005	0.004
189914Y	52290	SD	JONES	CO RD N3	MIDLAND	PASSIVE	25	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189929N	53300	SD	HAAKON	NORTHWESTERN AVE	MIDLAND	PASSIVE	55	4	3	30	1	2	1	0.010	5	0	0.008	0.006
189930H	53320	SD	HAAKON	WAKAPLA ST	MIDLAND	PASSIVE	56	4	3	30	2	2	1	0.010	5	0	0.008	0.006
Segment 11 Wasta to Midland MP 533.2 to 605																		
189931P	53340	SD	HAAKON	BRIDGE ST	MIDLAND	PASSIVE	228	2	1	30	2	2	1	0.012	5	0	0.009	0.007
189932W	53360	SD	HAAKON	HWY 63	MIDLAND	FLASHING LIGHTS	280	2	1	30	2	1	2	0.019	5	0	0.014	0.008
189989X	55950	SD	HAAKON	SO AUTO AVE	PHILIP	PASSIVE	75	2	1	30	1	2	1	0.008	5	0	0.006	0.004
190010C	55970	SD	HAAKON	HWY 73	PHILIP	FLASHING LIGHTS	615	2	1	30	4	1	2	0.039	5	0	0.027	0.014
190501B	56170	SD	HAAKON	CNTY RD 13	PHILIP	PASSIVE	50	2	1	30	1	2	2	0.007	5	0	0.005	0.004
190025S	57130	SD	JACKSON	CO RD 22	COTTONWOOD	PASSIVE	15	2	1	30	1	2	1	0.004	5	0	0.003	0.002
190026Y	57180	SD	JACKSON	HWY 14	COTTONWOOD	FLASHING LIGHTS	1020	2	1	30	1	1	2	0.027	5	1	0.075	0.040
190027F	57320	SD	JACKSON	E COTTONWOOD	COTTONWOOD	PASSIVE	59	2	1	30	1	2	1	0.007	5	0	0.006	0.004
190028M	57350	SD	JACKSON	MAIN/COTTONWOOD S	COTTONWOOD	PASSIVE	26	2	1	30	1	2	2	0.005	5	0	0.004	0.003
190032C	57520	SD	JACKSON	GRINDSTONE RD	COTTONWOOD	PASSIVE	41	2	1	30	1	2	1	0.006	5	0	0.005	0.004
190034R	057730	SD	JACKSON	CO RD 23A	COTTONWOOD	PASSIVE	12	2	1	30	1	2	1	0.004	5	0	0.003	0.002
190039A	58309	SD	PENNINGTON	BIG FOOT RD/CO RD 5	QUINN	PASSIVE	6	2	1	30	1	2	1	0.003	5	0	0.002	0.002
190044W	58470	SD	PENNINGTON	QUINN RD	QUINN	PASSIVE	87	2	1	30	2	1	2	0.015	5	0	0.011	0.008
190049F	059020	SD	PENNINGTON	CREIGHTON RD	WALL	PASSIVE	19	2	1	30	1	1	2	0.009	5	0	0.007	0.005

Post-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 6 Brookings to Tracy MP 226.6 to 290.0																			
193785T	027360	SD	BROOKINGS	487TH AVE	ELKTON	PASSIVE	PASSIVE	40	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
193786A	027440	SD	BROOKINGS	ELK ST	ELKTON	PASSIVE	PASSIVE	1400	11	6.88	49	1	1	2	0.123	5	0	0.066	0.047
193787G	027460	SD	BROOKINGS	N BUFFALO ST	ELKTON	PASSIVE	PASSIVE	250	11	6.88	49	1	2	2	0.036	5	0	0.025	0.018
193788N	027470	SD	BROOKINGS	CORNELL AVE	ELKTON	PASSIVE	PASSIVE	300	11	6.88	49	1	1	2	0.069	5	0	0.043	0.031
193789V	027480	SD	BROOKINGS	SD HWY 13	ELKTON	PASSIVE	PASSIVE	642	11	6.88	49	1	1	2	0.092	5	0	0.054	0.038
193791W	027570	SD	BROOKINGS	485TH AVE	ELKTON	PASSIVE	PASSIVE	35	11	6.88	49	2	2	2	0.017	5	0	0.013	0.009
193792D	027680	SD	BROOKINGS	484TH AVE	ELKTON	PASSIVE	PASSIVE	39	11	6.88	49	2	2	2	0.018	5	0	0.013	0.010
193794S	027780	SD	BROOKINGS	483RD AVE	ELKTON	PASSIVE	PASSIVE	36	11	6.88	49	2	2	2	0.017	5	0	0.013	0.009
193795Y	027810	SD	BROOKINGS	216TH ST	ELKTON	PASSIVE	PASSIVE	33	11	6.88	49	1	2	2	0.017	5	0	0.013	0.009
197475M	27880	SD	BROOKINGS	482ND AVE	ELKTON	PASSIVE	PASSIVE	93	11	6.88	49	1	2	2	0.025	5	0	0.018	0.013
193805C	027990	SD	BROOKINGS	481ST AVE	AURORA	PASSIVE	PASSIVE	41	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
197476U	028090	SD	BROOKINGS	480TH AVE	AURORA	PASSIVE	PASSIVE	47	11	6.88	49	1	2	2	0.019	5	0	0.014	0.010
197477B	028150	SD	BROOKINGS	215TH ST	AURORA	PASSIVE	PASSIVE	27	11	6.88	49	1	2	2	0.016	5	0	0.012	0.008
193806J	028200	SD	BROOKINGS	479TH AVE	AURORA	PASSIVE	PASSIVE	43	11	6.88	49	2	2	2	0.019	5	0	0.014	0.010
193807R	028300	SD	BROOKINGS	478TH AVE	AURORA	PASSIVE	PASSIVE	42	11	6.88	49	2	2	2	0.018	5	0	0.014	0.010
193808X	028410	SD	BROOKINGS	477TH AVE	AURORA	PASSIVE	PASSIVE	31	11	6.88	49	2	2	2	0.017	5	0	0.012	0.009
197424C	028490	SD	BROOKINGS	HULL AVE	AURORA	PASSIVE	PASSIVE	5	11	6.88	49	2	2	2	0.008	5	0	0.007	0.005
197425J	028510	SD	BROOKINGS	BROADWAY AVE	AURORA	PASSIVE	PASSIVE	139	11	6.88	49	2	1	2	0.052	5	0	0.035	0.025
197426R	028620	SD	BROOKINGS	475TH AVE	AURORA	PASSIVE	PASSIVE	21	11	6.88	49	2	2	2	0.014	5	0	0.011	0.008
197429L	028830	SD	BROOKINGS	34THAAVE	BROOKINGS	PASSIVE	PASSIVE	10	11	6.88	49	1	2	2	0.011	5	0	0.008	0.006
197430F	28870	SD	BROOKINGS	INDUSTRIAL/ 8TH ST	BROOKINGS	PASSIVE	PASSIVE	10	11	6.875	49	1	2	2	0.011	5	0	0.008	0.006
197478H	028930	SD	BROOKINGS	22ND AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	12703	11	6.88	49	1	1	4	0.264	5	2	0.347	0.184
197479P	28960	SD	BROOKINGS	17TH AVE SO.	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	3025	11	6.88	49	1	1	2	0.102	5	0	0.058	0.031
197480J	029030	SD	BROOKINGS	MEDARY AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	6440	11	6.88	49	1	1	2	0.138	5	0	0.071	0.038
197481R	029090	SD	BROOKINGS	MAIN AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	7988	11	6.88	49	1	1	4	0.218	5	0	0.093	0.049
Segment 7 Arlington to Brookings MP 290.9 to 308.3																			
197482X	029110	SD	BROOKINGS	WESTERN AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	2630	11	6.88	49	1	1	2	0.096	5	0	0.055	0.029
197483E	029210	SD	BROOKINGS	6TH ST W	BROOKINGS	PASSIVE	PASSIVE	30	11	6.88	49	2	2	2	0.016	5	0	0.012	0.009
197484L	029240	SD	BROOKINGS	16TH AVE W	BROOKINGS	PASSIVE	PASSIVE	78	11	6.88	49	2	2	2	0.023	5	0	0.017	0.012
197485T	029350	SD	BROOKINGS	468TH AVE	BROOKINGS	PASSIVE	PASSIVE	20	11	6.88	49	2	2	2	0.014	5	0	0.011	0.008
197487G	029460	SD	BROOKINGS	467TH AVE	BROOKINGS	PASSIVE	PASSIVE	35	11	6.88	49	3	2	2	0.017	5	0	0.013	0.009
197440L	29650	SD	BROOKINGS	CASPIAN	VOLGA	GATES	GATES	46	11	6.88	49	2	2	2	0.017	5	0	0.013	0.006
197441T	029720	SD	BROOKINGS	HANSINA ST.	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	1787	11	6.88	49	1	1	2	0.082	5	0	0.049	0.026
197442A	029730	SD	BROOKINGS	KASAN ST	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	2180	11	6.88	49	1	1	2	0.089	5	0	0.052	0.028
197443G	029740	SD	BROOKINGS	SAMARA ST	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	950	11	6.88	49	1	1	2	0.063	5	0	0.040	0.021
197445V	029840	SD	BROOKINGS	463RD AVE	VOLGA	PASSIVE	PASSIVE	20	11	6.88	49	1	2	2	0.014	5	0	0.011	0.008
197493K	029870	SD	BROOKINGS	HWY 14	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	2962	11	6.88	49	1	1	2	0.101	5	0	0.057	0.030
197446C	029960	SD	BROOKINGS	462ND AVE	VOLGA	PASSIVE	PASSIVE	30	11	6.88	49	1	2	2	0.016	5	0	0.012	0.009
197447J	030170	SD	BROOKINGS	460TH AVE	VOLGA	PASSIVE	PASSIVE	17	11	6.88	49	1	2	1	0.013	5	0	0.010	0.007
197448R	030280	SD	BROOKINGS	459TH AVE	VOLGA	PASSIVE	PASSIVE	170	11	6.88	49	1	1	2	0.056	5	1	0.106	0.076
197449X	030380	SD	BROOKINGS	458TH AVE	ARLINGTON	PASSIVE	PASSIVE	25	11	6.88	49	1	2	2	0.015	5	0	0.011	0.008
197450S	030480	SD	BROOKINGS	457TH AVE	ARLINGTON	PASSIVE	PASSIVE	30	11	6.88	49	1	2	2	0.016	5	0	0.012	0.009
197502G	030680	SD	BROOKINGS	455TH AVE	ARLINGTON	PASSIVE	PASSIVE	20	11	6.88	49	1	2	2	0.014	5	0	0.011	0.008
197503N	030730	SD	BROOKINGS	209TH ST	ARLINGTON	PASSIVE	PASSIVE	15	11	6.88	49	2	2	2	0.013	5	0	0.010	0.007
197451Y	030800	SD	BROOKINGS	US HWY 81	ARLINGTON	FLASHING LIGHTS	FLASHING LIGHTS	1536	11	6.88	49	1	1	4	0.111	5	0	0.061	0.032
197452F	30820	SD	KINGSBURY	MAIN ST	ARLINGTON	PASSIVE	PASSIVE	630	11	6.88	49	3	1	2	0.091	5	0	0.054	0.038
Segment 8																			

Post-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Huron to Arlington MP 308.3 to 362.8																			
197453M	30830	SD	KINGSBURY	3RD ST N.	ARLINGTON	PASSIVE	PASSIVE	300	11	6.88	49	3	2	2	0.038	5	0	0.027	0.019
197454U	030840	SD	KINGSBURY	4TH ST. N.	ARLINGTON	PASSIVE	PASSIVE	430	11	6.88	49	3	1	2	0.079	5	0	0.048	0.034
197504V	030940	SD	KINGSBURY	453RD AVE	ARLINGTON	PASSIVE	PASSIVE	43	11	6.88	49	3	2	2	0.019	5	0	0.014	0.010
197505C	031060	SD	KINGSBURY	452ND AVE	ARLINGTON	PASSIVE	PASSIVE	74	11	6.88	49	2	2	2	0.023	5	0	0.017	0.012
197507R	031160	SD	KINGSBURY	451ST AVE	ARLINGTON	PASSIVE	PASSIVE	20	11	6.88	49	2	2	2	0.014	5	0	0.011	0.008
197508X	031260	SD	KINGSBURY	450TH AVE	ARLINGTON	PASSIVE	PASSIVE	245	11	6.88	49	2	1	2	0.064	5	1	0.114	0.081
197509E	031390	SD	KINGSBURY	449TH AVE/MAIN ST	HETLAND	PASSIVE	PASSIVE	118	11	6.88	49	2	2	2	0.027	5	0	0.020	0.014
197510Y	031470	SD	KINGSBURY	448TH AVE	HETLAND	PASSIVE	PASSIVE	10	11	6.88	49	2	2	2	0.011	5	0	0.008	0.006
197514B	031670	SD	KINGSBURY	446TH AVE	LAKE PRESTON	PASSIVE	PASSIVE	5	11	6.88	49	1	2	2	0.008	5	0	0.007	0.005
197519K	032070	SD	KINGSBURY	PARK AVE	LAKE PRESTON	PASSIVE	PASSIVE	408	11	6.88	49	1	1	2	0.078	5	0	0.047	0.034
197520E	032090	SD	KINGSBURY	LAKE AVE	LAKE PRESTON	PASSIVE	PASSIVE	89	11	6.88	49	3	2	2	0.024	5	1	0.072	0.052
197521L	032100	SD	KINGSBURY	MAIN ST	LAKE PRESTON	PASSIVE	PASSIVE	2496	11	6.88	49	3	1	2	0.152	5	0	0.076	0.054
197522T	032110	SD	KINGSBURY	PRESTON AVE	LAKE PRESTON	PASSIVE	PASSIVE	86	11	6.88	49	3	2	2	0.024	5	0	0.018	0.013
197523A	032170	SD	KINGSBURY	441ST AVE	LAKE PRESTON	FLASHING LIGHTS	FLASHING LIGHTS	225	11	6.88	49	1	1	2	0.035	5	2	0.144	0.076
197679Y	032370	SD	KINGSBURY	439TH AVE	LAKE PRESTON	PASSIVE	PASSIVE	5	11	6.88	49	2	2	2	0.008	5	0	0.007	0.005
197680T	032480	SD	KINGSBURY	438TH AVE	LAKE PRESTON	PASSIVE	PASSIVE	3	11	6.88	49	2	2	2	0.007	5	0	0.005	0.004
197681A	032580	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	PASSIVE	75	11	6.88	49	2	2	2	0.023	5	0	0.017	0.012
197683N	032680	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	PASSIVE	15	11	6.88	49	1	2	2	0.013	5	0	0.010	0.007
197684V	032780	SD	KINGSBURY	435TH AVE	DE SMET	PASSIVE	PASSIVE	27	11	6.88	49	1	2	2	0.016	5	0	0.012	0.008
197685C	032930	SD	KINGSBURY	LYLE AVE	DE SMET	PASSIVE	PASSIVE	115	11	6.88	49	1	2	2	0.027	5	1	0.075	0.054
197456H	032970	SD	KINGSBURY	CALUMET AVE	DE SMET	PASSIVE	PASSIVE	390	11	6.88	49	3	1	2	0.076	5	1	0.124	0.089
197457P	032980	SD	KINGSBURY	HWY 25	DE SMET	FLASHING LIGHTS	FLASHING LIGHTS	3063	11	6.88	49	2	1	2	0.124	5	0	0.066	0.035
197458W	032990	SD	KINGSBURY	SHERWOOD	DE SMET	PASSIVE	PASSIVE	186	11	6.88	49	2	1	2	0.058	5	0	0.038	0.027
197459D	033000	SD	KINGSBURY	HARVEY DUNN	DE SMET	PASSIVE	PASSIVE	130	11	6.88	49	2	2	2	0.028	5	0	0.020	0.014
197686J	033040	SD	KINGSBURY	PRAIRIE AVE	DE SMET	PASSIVE	PASSIVE	610	11	6.88	49	2	1	2	0.090	5	0	0.053	0.038
197687R	033080	SD	KINGSBURY	432ND AVE	DE SMET	PASSIVE	PASSIVE	33	11	6.88	49	1	2	2	0.017	5	0	0.013	0.009
197690Y	033290	SD	KINGSBURY	430TH AVE	DE SMET	PASSIVE	PASSIVE	2	11	6.88	49	2	2	2	0.006	5	0	0.005	0.003
197460X	033390	SD	KINGSBURY	429TH AVE	DE SMET	PASSIVE	PASSIVE	36	11	6.88	49	2	2	2	0.017	5	0	0.013	0.009
197461E	33490	SD	KINGSBURY	428TH AVE.	DE SMET	PASSIVE	PASSIVE	10	11	6.875	49	2	2	1	0.011	5	0	0.008	0.006
197462L	033590	SD	KINGSBURY	427TH AVE	DE SMET	PASSIVE	PASSIVE	35	11	6.88	49	2	2	2	0.017	5	0	0.013	0.009
197464A	033700	SD	KINGSBURY	426TH AVE	DE SMET	PASSIVE	PASSIVE	10	11	6.88	49	2	2	2	0.011	5	0	0.008	0.006
197465G	033800	SD	KINGSBURY	425TH AVE	DE SMET	PASSIVE	PASSIVE	215	11	6.88	49	2	1	2	0.061	5	0	0.039	0.028
197466N	033840	SD	KINGSBURY	MANCHESTER	DE SMET	PASSIVE	PASSIVE	45	11	6.88	49	2	2	2	0.019	5	0	0.014	0.010
197467V	033890	SD	KINGSBURY	424TH AVE	DE SMET	PASSIVE	PASSIVE	17	11	6.88	49	2	2	2	0.013	5	0	0.010	0.007
197469J	34000	SD	KINGSBURY	423RD AVE	DE SMET	PASSIVE	PASSIVE	62	11	7	49	2	2	1	0.021	5	0	0.016	0.011
197470D	034100	SD	KINGSBURY	422ND AVE	IROQUOIS	PASSIVE	PASSIVE	62	11	6.88	49	2	2	2	0.021	5	0	0.016	0.011
197691F	34200	SD	KINGSBURY	421ST AVE	IROQUOIS	PASSIVE	PASSIVE	8	11	7	49	2	2	1	0.010	5	0	0.008	0.006
197692M	034300	SD	KINGSBURY	420TH AVE	IROQUOIS	PASSIVE	PASSIVE	15	11	6.88	49	2	2	2	0.013	5	0	0.010	0.007
197694B	34390	SD	KINGSBURY	419TH AVE	IROQUOIS	PASSIVE	PASSIVE	19	11	6.88	49	2	2	2	0.014	5	0	0.010	0.007
197696P	34420	SD	KINGSBURY	US HWY 14	IROQUOIS	FLASHING LIGHTS	FLASHING LIGHTS	1285	11	6.875	49	1	1	2	0.071	5	0	0.044	0.024
197697W	34460	SD	KINGSBURY	OTTAWA ST	IROQUOIS	PASSIVE	PASSIVE	613	11	6.88	49	2	1	2	0.090	5	0	0.053	0.038
197698D	34470	SD	KINGSBURY	QUAPAW ST	IROQUOIS	PASSIVE	PASSIVE	230	11	6.88	49	2	2	2	0.035	5	0	0.024	0.017
197471K	034490	SD	KINGSBURY	418TH AVE/SIOUX ST	IROQUOIS	FLASHING LIGHTS	FLASHING LIGHTS	157	11	6.88	49	1	1	2	0.030	5	0	0.022	0.011
197473Y	034690	SD	BEADLE	416TH AVE	IROQUOIS	PASSIVE	PASSIVE	10	11	6.88	49	1	2	2	0.011	5	0	0.008	0.006
197474F	034790	SD	BEADLE	415TH AVE	IROQUOIS	PASSIVE	PASSIVE	42	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
197455B	034890	SD	BEADLE	414TH AVE	IROQUOIS	PASSIVE	PASSIVE	10	11	6.88	49	1	2	2	0.011	5	0	0.008	0.006
197887A	034990	SD	BEADLE	413TH AVE	CAVOUR	PASSIVE	PASSIVE	95	11	6.88	49	1	2	2	0.025	5	0	0.018	0.013
197701J	35080	SD	BEADLE	412TH AVE	CAVOUR	PASSIVE	PASSIVE	35	11	6.88	49	1	2	2	0.017	5	0	0.013	0.009
197702R	35180	SD	BEADLE	411TH AVE	CAVOUR	PASSIVE	PASSIVE	19	11	6.88	49	2	2	2	0.014	5	0	0.010	0.007
197703X	35280	SD	BEADLE	410TH AVE	CAVOUR	PASSIVE	PASSIVE	35	11	6.88	49	2	2	2	0.017	5	0	0.013	0.009

Post-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
197704E	035380	SD	BEADLE	409TH AVE	CAVOUR	PASSIVE	PASSIVE	188	11	6.88	49	2	1	2	0.058	5	0	0.038	0.027
197706T	035480	SD	BEADLE	408TH AVE	CAVOUR	PASSIVE	PASSIVE	15	11	6.88	49	1	2	2	0.013	5	0	0.010	0.007
197707A	35580	SD	BEADLE	407TH AVE	CAVOUR	PASSIVE	PASSIVE	15	11	6.88	49	1	2	2	0.013	5	0	0.010	0.007
197708G	035680	SD	BEADLE	406TH AVE	HURON	PASSIVE	PASSIVE	37	11	6.88	49	1	2	2	0.018	5	0	0.013	0.009
197710H	035780	SD	BEADLE	405TH AVE	HURON	PASSIVE	PASSIVE	44	11	6.88	49	1	2	2	0.019	5	0	0.014	0.010
197711P	035880	SD	BEADLE	404TH AVE	HURON	PASSIVE	PASSIVE	40	11	6.88	49	1	2	2	0.018	5	0	0.014	0.010
197891P	035980	SD	BEADLE	403RD AVE	HURON	PASSIVE	PASSIVE	45	11	6.88	49	1	2	2	0.019	5	0	0.014	0.010
197890H	036080	SD	BEADLE	CUSTER AVE	HURON	FLASHING LIGHTS	FLASHING LIGHTS	45	11	6.88	49	1	1	2	0.018	5	0	0.013	0.007
189696U	36220	SD	BEADLE	SIMMONS AVE	HURON	PASSIVE	PASSIVE	545	11	6.88	49	1	1	2	0.087	5	1	0.133	0.095
189698H	36280	SD	BEADLE	DAKOTA AVE	HURON	FLASHING LIGHTS	FLASHING LIGHTS	11030	11	6.88	49	3	1	4	0.365	5	0	0.119	0.063
Segment 9 Wolsey to Huron MP 362.8 to 376.1																			
189701N	36380	SD	BEADLE	LINCOLN AVE	HURON	FLASHING LIGHTS	FLASHING LIGHTS	5290	11	6.88	49	5	1	2	0.275	5	0	0.105	0.055
189702V	036470	SD	BEADLE	US HWY 14	HURON	FLASHING LIGHTS	FLASHING LIGHTS	2137	11	6.88	49	1	1	4	0.127	5	1	0.161	0.085
189703C	36480	SD	BEADLE	W PARK AVE	HURON	PASSIVE	PASSIVE	125	11	6.88	49	1	2	2	0.028	5	0	0.020	0.014
189704J	36590	SD	BEADLE	397TH AVE	HURON	PASSIVE	PASSIVE	40	11	6.88	49	2	1	2	0.033	5	0	0.023	0.017
189705R	36690	SD	BEADLE	396TH AVE	HURON	PASSIVE	PASSIVE	29	11	6.88	49	3	2	1	0.016	5	0	0.012	0.009
189706X	036800	SD	BEADLE	395TH AVE	HURON	PASSIVE	PASSIVE	20	11	6.88	49	2	2	1	0.014	5	0	0.011	0.008
189707E	36900	SD	BEADLE	394TH AVE	WOLSEY	PASSIVE	PASSIVE	305	11	6.88	49	2	1	2	0.070	5	2	0.194	0.139
189708L	37000	SD	BEADLE	393RD AVE	WOLSEY	PASSIVE	PASSIVE	35	11	6.88	49	2	2	2	0.017	5	0	0.013	0.009
189710M	37100	SD	BEADLE	392ND AVE	WOLSEY	PASSIVE	PASSIVE	20	11	6.88	49	2	2	1	0.014	5	0	0.011	0.008
189712B	37320	SD	BEADLE	390TH AVE	WOLSEY	PASSIVE	PASSIVE	19	11	6.88	49	2	2	2	0.014	5	0	0.010	0.007
189713H	37480	SD	BEADLE	389TH AVE	WOLSEY	PASSIVE	PASSIVE	3	11	6.88	49	2	2	1	0.007	5	0	0.005	0.004
Segment 10 Midland to Wolsey MP 376.1 to 533.2																			
189716D	37620	SD	BEADLE	COMMERCIAL AVE	WOLSEY	FLASHING LIGHTS	FLASHING LIGHTS	2671	11	6.88	40	3	1	2	0.142	5	1	0.170	0.090
189717K	37630	SD	BEADLE	387TH AVE	WOLSEY	PASSIVE	PASSIVE	200	11	6.88	49	2	2	1	0.033	5	0	0.023	0.017
189718S	37730	SD	BEADLE	386TH AVE	WOLSEY	PASSIVE	PASSIVE	27	11	6.88	49	1	2	1	0.016	5	0	0.012	0.008
189720T	37930	SD	BEADLE	384TH AVE	WOLSEY	PASSIVE	PASSIVE	24	11	6.88	49	1	2	1	0.015	5	0	0.011	0.008
189722G	38040	SD	BEADLE	383RD AVE	WOLSEY	PASSIVE	PASSIVE	15	11	6.88	49	1	2	2	0.013	5	0	0.010	0.007
189724V	38140	SD	BEADLE	382ND AVE	WESSINGTON	PASSIVE	PASSIVE	20	11	6.88	49	1	2	1	0.014	5	0	0.011	0.008
189726J	038350	SD	BEADLE	378TH AVE	WESSINGTON	PASSIVE	PASSIVE	12	11	6.88	49	2	2	1	0.012	5	0	0.009	0.006
189728X	38550	SD	BEADLE	376TH AVE	WESSINGTON	PASSIVE	PASSIVE	20	11	6.88	49	2	2	2	0.014	5	0	0.011	0.008
189730Y	38650	SD	BEADLE	375TH AVE	WESSINGTON	PASSIVE	PASSIVE	25	11	6.88	49	1	2	2	0.015	5	0	0.011	0.008
189731F	038750	SD	BEADLE	WESSINGTON ST	WESSINGTON	PASSIVE	PASSIVE	952	11	6.88	49	2	1	2	0.106	5	1	0.147	0.106
189732M	38770	SD	BEADLE	374TH AVE	WESSINGTON	PASSIVE	PASSIVE	464	11	6.88	49	2	1	2	0.082	5	0	0.049	0.035
189734B	38880	SD	HAND	373RD AVE	WESSINGTON	PASSIVE	PASSIVE	14	11	6.88	49	1	2	1	0.012	5	0	0.009	0.007
189736P	39000	SD	HAND	372ND AVE	WESSINGTON	PASSIVE	PASSIVE	9	11	6.88	49	1	2	1	0.010	5	0	0.008	0.006
189738D	39110	SD	HAND	371ST AVE	WESSINGTON	PASSIVE	PASSIVE	10	11	6.88	49	2	2	1	0.011	5	0	0.008	0.006
189740E	39220	SD	HAND	370TH AVE	WESSINGTON	PASSIVE	PASSIVE	2	11	6.88	49	2	2	1	0.006	5	0	0.005	0.003
189742T	39340	SD	HAND	369TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	120	11	6.88	49	2	1	2	0.049	5	0	0.033	0.024
189744G	039560	SD	HAND	367TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	1	11	6.88	49	1	2	1	0.005	5	0	0.004	0.003
189746V	039670	SD	HAND	366TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	25	11	6.88	49	1	2	1	0.015	5	0	0.011	0.008
189747C	39760	SD	HAND	365TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	1	11	6.88	49	1	2	1	0.005	5	0	0.004	0.003
189748J	39860	SD	HAND	364TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	4	11	6.88	49	1	2	1	0.008	5	0	0.006	0.004
189749R	39960	SD	HAND	363RD AVE	ST LAWRENCE	PASSIVE	PASSIVE	115	11	6.88	49	1	1	2	0.049	5	0	0.033	0.023
189751S	40030	SD	HAND	MAPLE ST	ST LAWRENCE	PASSIVE	PASSIVE	164	11	6.88	49	3	2	2	0.031	5	0	0.022	0.016
189752Y	040040	SD	HAND	COMMERCIAL AVE	ST LAWRENCE	GATES	GATES	166	11	6.88	49	3	2	2	0.029	5	1	0.077	0.038
189754M	40160	SD	HAND	361ST AVE	GRENVILLE	PASSIVE	PASSIVE	25	11	6.88	49	2	2	1	0.015	5	0	0.011	0.008
189755U	40260	SD	HAND	3RD ST	MILLER	PASSIVE	PASSIVE	400	11	6.88	49	3	1	2	0.077	5	0	0.047	0.034

Post-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
189756B	040290	SD	HAND	BROADWAY/HWY 47	MILLER	FLASHING LIGHTS	FLASHING LIGHTS	2505	11	6.88	49	4	1	2	0.167	5	0	0.080	0.042
189757H	40310	SD	HAND	3RD AVE W	MILLER	PASSIVE	PASSIVE	204	11	6.88	49	2	2	1	0.033	5	0	0.023	0.017
189758P	40360	SD	HAND	359TH AVE	MILLER	PASSIVE	PASSIVE	14	11	6.88	49	2	2	1	0.012	5	0	0.009	0.007
189759W	40460	SD	HAND	358TH AVE	MILLER	PASSIVE	PASSIVE	2	11	6.88	49	1	2	1	0.006	5	0	0.005	0.003
189760R	40560	SD	HAND	357TH AVE	MILLER	PASSIVE	PASSIVE	2	11	6.88	49	1	2	1	0.006	5	0	0.005	0.003
189761X	40660	SD	HAND	356TH AVE	MILLER	PASSIVE	PASSIVE	2	11	6.88	49	1	2	1	0.006	5	0	0.005	0.003
189762E	40750	SD	HAND	355TH AVE	MILLER	PASSIVE	PASSIVE	49	11	6.88	49	1	2	1	0.020	5	0	0.015	0.010
189763L	40860	SD	HAND	354TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	3	11	6.88	49	1	2	1	0.007	5	0	0.005	0.004
189765A	41060	SD	HAND	352ND AVE	REE HEIGHTS	PASSIVE	PASSIVE	5	11	6.88	49	2	2	1	0.008	5	0	0.007	0.005
189767N	41260	SD	HAND	350TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	2	11	6.88	49	2	2	1	0.006	5	0	0.005	0.003
189768V	41330	SD	HAND	DAKOTA AVE	REE HEIGHTS	FLASHING LIGHTS	FLASHING LIGHTS	508	11	6.88	49	2	1	2	0.059	5	0	0.038	0.020
189769C	041360	SD	HAND	LINCOLN AVE	REE HEIGHTS	PASSIVE	PASSIVE	5	11	6.88	49	1	2	1	0.008	5	0	0.007	0.005
189770W	41550	SD	HAND	347TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	2	11	6.88	49	1	2	1	0.006	5	0	0.005	0.003
189771D	041660	SD	HAND	346TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	7	11	6.88	49	1	2	1	0.010	5	0	0.007	0.005
189772K	041830	SD	HAND	344TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	20	11	6.88	49	1	2	1	0.014	5	0	0.011	0.008
189775F	42120	SD	HYDE	341ST AVE/CO RD 959	HIGHMORE	PASSIVE	PASSIVE	115	11	6.88	49	2	2	9	0.027	5	0	0.019	0.014
189776M	042230	SD	HYDE	340TH AVE	HIGHMORE	PASSIVE	PASSIVE	1	11	6.88	49	2	2	1	0.005	5	0	0.004	0.003
189780C	42420	SD	HYDE	338TH AVE	HIGHMORE	PASSIVE	PASSIVE	10	11	6.88	49	1	2	1	0.011	5	0	0.008	0.006
189781J	042500	SD	HYDE	COMMERCIAL	HIGHMORE	GATES	GATES	272	11	6.88	49	3	2	2	0.033	5	1	0.082	0.040
189782R	42520	SD	HYDE	IOWA AVE	HIGHMORE	GATES	GATES	1543	11	6.88	49	4	1	2	0.064	5	0	0.041	0.020
189784E	42620	SD	HYDE	336TH AVE	HIGHMORE	PASSIVE	PASSIVE	8	11	6.88	49	1	2	1	0.010	5	0	0.008	0.006
189786T	42820	SD	HYDE	334TH AVE	HIGHMORE	PASSIVE	PASSIVE	6	11	6.88	49	1	2	2	0.009	5	0	0.007	0.005
189787A	42920	SD	HYDE	333RD AVE/CO RD 961	HIGHMORE	PASSIVE	PASSIVE	36	11	6.88	49	1	2	2	0.017	5	0	0.013	0.009
189789N	43120	SD	HYDE	330TH AVE	HIGHMORE	PASSIVE	PASSIVE	10	11	6.88	49	2	2	1	0.011	5	0	0.008	0.006
189791P	43290	SD	HYDE	OAK ST	HIGHMORE	PASSIVE	PASSIVE	21	11	6.88	49	2	2	1	0.014	5	0	0.011	0.008
189792W	043320	SD	HYDE	328TH AVE/CO RD 649	HIGHMORE	PASSIVE	PASSIVE	80	11	6.88	49	2	1	2	0.043	5	0	0.029	0.021
189793D	43420	SD	HYDE	327TH AVE	HIGHMORE	PASSIVE	PASSIVE	3	11	6.88	49	2	2	1	0.007	5	0	0.005	0.004
189795S	43520	SD	HYDE	326TH AVE	HIGHMORE	PASSIVE	PASSIVE	3	11	6.88	49	1	2	1	0.007	5	0	0.005	0.004
189797F	043620	SD	HYDE	325TH AVE	HIGHMORE	PASSIVE	PASSIVE	7	11	6.88	49	1	2	1	0.010	5	0	0.007	0.005
189799U	043820	SD	HUGHES	323RD AVE	HARROLD	PASSIVE	PASSIVE	20	11	6.88	49	1	2	1	0.014	5	0	0.011	0.008
189800L	043920	SD	HUGHES	322ND AVE	HARROLD	PASSIVE	PASSIVE	20	11	6.88	49	1	2	1	0.014	5	0	0.011	0.008
189801T	43990	SD	HUGHES	WYMAN AVE	HARROLD	FLASHING LIGHTS	FLASHING LIGHTS	300	11	6.88	49	3	1	2	0.058	5	3	0.247	0.131
189802A	044020	SD	HUGHES	321ST AVE	HARROLD	PASSIVE	PASSIVE	145	11	6.88	49	1	1	2	0.053	5	0	0.035	0.025
189805V	44320	SD	HUGHES	318TH AVE	HARROLD	PASSIVE	PASSIVE	35	11	6.88	49	2	2	1	0.017	5	0	0.013	0.009
189809X	044720	SD	HUGHES	314TH AVE	BLUNT	PASSIVE	PASSIVE	35	11	6.88	49	1	2	2	0.017	5	0	0.013	0.009
189810S	44920	SD	HUGHES	312TH AVE	BLUNT	PASSIVE	PASSIVE	16	11	6.88	49	1	2	1	0.013	5	0	0.010	0.007
189812F	45130	SD	HUGHES	310TH AVE		PASSIVE	PASSIVE	9	11	6.88	49	2	2	1	0.010	5	0	0.008	0.006
189813M	45220	SD	HUGHES	309TH AVE	BLUNT	PASSIVE	PASSIVE	9	11	6.88	49	3	2	2	0.010	5	0	0.008	0.006
189816H	045330	SD	HUGHES	CANNING RD	BLUNT	PASSIVE	PASSIVE	153	11	6.88	49	2	1	2	0.054	5	0	0.036	0.025
189822L	046110	SD	HUGHES	CHELSEY RD	BLUNT	PASSIVE	PASSIVE	82	11	6.88	49	2	2	2	0.024	5	0	0.017	0.012
189839P	47790	SD	HUGHES	FARM ISLAND RD	PIERRE	PASSIVE	PASSIVE	80	11	6.88	49	2	1	2	0.043	5	0	0.029	0.021
189840J	47840	SD	HUGHES	UPS RD	PIERRE	PASSIVE	PASSIVE	30	11	6.88	49	2	1	2	0.030	5	0	0.021	0.015
189841R	47890	SD	HUGHES	RECREATIONAL/ GOLF	PIERRE	PASSIVE	PASSIVE	1	11	6.88	40	2	1	2	0.008	5	0	0.006	0.004
189842X	47950	SD	HUGHES	LOWELL RD	PIERRE	PASSIVE	PASSIVE	1000	11	6.88	40	3	1	2	0.101	5	0	0.058	0.041
189843E	48000	SD	HUGHES	INDUSTRIAL	PIERRE	PASSIVE	PASSIVE	3798	11	6.88	40	3	1	2	0.166	5	0	0.080	0.057
189844L	48050	SD	HUGHES	HARRISON	PIERRE	PASSIVE	PASSIVE	100	11	6.88	40	3	1	2	0.043	5	1	0.093	0.067
189845T	48070	SD	HUGHES	MONROE	PIERRE	PASSIVE	PASSIVE	1560	11	6.88	40	2	1	2	0.119	5	0	0.065	0.046
189846A	48110	SD	HUGHES	HWY 14/ 34	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	19755	11	6.88	40	2	1	4	0.383	5	0	0.121	0.064
189847G	48140	SD	HUGHES	REE ST	PIERRE	PASSIVE	PASSIVE	1020	11	6.88	40	1	1	2	0.102	5	0	0.058	0.041
189848N	48160	SD	HUGHES	HIGHLAND AVE	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	6045	11	6.88	40	1	1	2	0.135	5	0	0.070	0.037
189850P	48190	SD	HUGHES	CENTRAL ST	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	6365	11	6.88	40	1	1	2	0.138	5	0	0.071	0.038
189851W	48220	SD	HUGHES	POPLAR	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	1149	11	6.875	40	1	1	2	0.068	5	0	0.043	0.023

Post-Construction Accident Prediction Summary
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
189856F	48350	SD	STANLEY	HWY 14/ 34	FORT PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	3500	11	6.88	40	1	1	2	0.108	5	0	0.060	0.032
189857M	48370	SD	STANLEY	STANLEY RD	FORT PIERRE	PASSIVE	PASSIVE	50	11	6.88	40	1	2	2	0.018	5	0	0.014	0.010
189858U	048410	SD	STANLEY	7TH AVE/SALEBARN R	FORT PIERRE	PASSIVE	PASSIVE	392	11	6.88	40	2	2	2	0.039	5	1	0.089	0.064
189859B	48430	SD	STANLEY	FIFTH AVE	FORT PIERRE	PASSIVE	PASSIVE	211	11	6.88	40	2	2	2	0.031	5	0	0.022	0.016
189860V	48450	SD	STANLEY	SECOND AVE	FORT PIERRE	PASSIVE	PASSIVE	756	11	6.88	40	1	1	2	0.091	5	0	0.053	0.038
189861C	048460	SD	STANLEY	MAIN AVE	FORT PIERRE	PASSIVE	PASSIVE	3136	11	6.88	40	1	1	2	0.154	5	0	0.076	0.055
189862J	48490	SD	STANLEY	PARK	FORT PIERRE	PASSIVE	PASSIVE	406	11	6.88	40	1	2	2	0.040	5	0	0.028	0.020
189864X	48590	SD	STANLEY	BAD RIVER RD	FORT PIERRE	PASSIVE	PASSIVE	385	11	6.88	49	1	2	2	0.042	5	0	0.029	0.021
189870B	048940	SD	STANLEY	TRAIL PLACE RD	FORT PIERRE	PASSIVE	PASSIVE	15	11	6.88	49	2	2	1	0.013	5	0	0.010	0.007
189889T	050300	SD	STANLEY	WENDTE RD	FORT PIERRE	PASSIVE	PASSIVE	10	11	6.88	49	2	2	1	0.011	5	0	0.008	0.006
189902E	51320	SD	JONES	VAN METRE RD	MIDLAND	PASSIVE	PASSIVE	62	11	6.88	49	3	2	2	0.021	5	0	0.016	0.011
189908V	052020	SD	JONES	VAN METRE RD W	MIDLAND	PASSIVE	PASSIVE	16	11	6.88	49	1	2	1	0.013	5	0	0.010	0.007
189914Y	52290	SD	JONES	CO RD N3	MIDLAND	PASSIVE	PASSIVE	25	11	6.88	49	2	2	1	0.015	5	0	0.011	0.008
189929N	53300	SD	HAAKON	NORTHWESTERN AVE	MIDLAND	PASSIVE	PASSIVE	55	11	6.88	49	1	2	1	0.020	5	0	0.015	0.011
189930H	53320	SD	HAAKON	WAKAPLA ST	MIDLAND	PASSIVE	PASSIVE	56	11	6.88	49	2	2	1	0.021	5	0	0.015	0.011
Segment 11 Wasta to Midland MP 533.2 to 605																			
189931P	53340	SD	HAAKON	BRIDGE ST	MIDLAND	PASSIVE	PASSIVE	228	11	6.88	49	2	2	1	0.035	5	0	0.024	0.017
189932W	53360	SD	HAAKON	HWY 63	MIDLAND	FLASHING LIGHTS	FLASHING LIGHTS	280	11	6.88	49	2	1	2	0.046	5	0	0.031	0.017
189989X	55950	SD	HAAKON	SO AUTO AVE	PHILIP	PASSIVE	PASSIVE	75	11	6.88	49	2	2	1	0.023	5	0	0.017	0.012
190010C	55970	SD	HAAKON	HWY 73	PHILIP	FLASHING LIGHTS	FLASHING LIGHTS	615	11	6.88	49	4	1	2	0.094	5	0	0.055	0.029
190501B	56170	SD	HAAKON	CNTY RD 13	PHILIP	PASSIVE	PASSIVE	50	11	1	30	2	2	2	0.012	5	0	0.009	0.007
190025S	57130	SD	JACKSON	CO RD 22	COTTONWOOD	PASSIVE	PASSIVE	15	11	6.88	49	1	2	1	0.013	5	0	0.010	0.007
190026Y	57180	SD	JACKSON	HWY 14	COTTONWOOD	FLASHING LIGHTS	FLASHING LIGHTS	1020	11	6.88	49	1	1	2	0.065	5	1	0.114	0.060
190027F	57320	SD	JACKSON	E COTTONWOOD	COTTONWOOD	PASSIVE	PASSIVE	59	11	6.88	49	1	2	1	0.021	5	0	0.015	0.011
190028M	57350	SD	JACKSON	MAIN/COTTONWOOD S	COTTONWOOD	PASSIVE	PASSIVE	26	11	6.88	49	1	2	2	0.015	5	0	0.012	0.008
190032C	57520	SD	JACKSON	GRINDSTONE RD	COTTONWOOD	PASSIVE	PASSIVE	41	11	6.88	49	1	2	1	0.018	5	0	0.014	0.010
190034R	057730	SD	JACKSON	CO RD 23A	COTTONWOOD	PASSIVE	PASSIVE	12	11	6.88	49	1	2	1	0.012	5	0	0.009	0.006
190039A	58309	SD	PENNINGTON	BIG FOOT RD/CO RD 5	QUINN	PASSIVE	PASSIVE	6	11	6.88	49	2	2	1	0.009	5	0	0.007	0.005
190044W	58470	SD	PENNINGTON	QUINN RD	QUINN	PASSIVE	PASSIVE	87	11	6.88	49	2	1	2	0.044	5	0	0.030	0.021
190049F	059020	SD	PENNINGTON	CREIGHTON RD	WALL	PASSIVE	PASSIVE	19	11	6.88	49	1	1	2	0.025	5	0	0.018	0.013

Pre/Post-Construction Accident Prediction Comparison
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq	Trip Threshold	State Top 50
Brookings County																	
193785T	027360	SD	BROOKINGS	487TH AVE	ELKTON	PASSIVE	PASSIVE	40	2	0	0.008	0.010	B	0.001	744	NO	NO
193786A	027440	SD	BROOKINGS	ELK ST	ELKTON	PASSIVE	PASSIVE	1400	2	0	0.042	0.047	B	0.005	204	NO	NO
193787G	027460	SD	BROOKINGS	N BUFFALO ST	ELKTON	PASSIVE	PASSIVE	250	2	0	0.016	0.018	B	0.002	425	NO	NO
193788N	027470	SD	BROOKINGS	CORNELL AVE	ELKTON	PASSIVE	PASSIVE	300	2	0	0.027	0.031	B	0.004	270	NO	NO
193789V	027480	SD	BROOKINGS	SD HWY 13	ELKTON	PASSIVE	PASSIVE	642	2	0	0.034	0.038	B	0.004	231	NO	NO
193791W	027570	SD	BROOKINGS	485TH AVE	ELKTON	PASSIVE	PASSIVE	35	2	0	0.008	0.009	B	0.001	777	NO	NO
193792D	027680	SD	BROOKINGS	484TH AVE	ELKTON	PASSIVE	PASSIVE	39	2	0	0.008	0.010	B	0.001	750	NO	NO
193794S	027780	SD	BROOKINGS	483RD AVE	ELKTON	PASSIVE	PASSIVE	36	2	0	0.008	0.009	B	0.001	770	NO	NO
193795Y	027810	SD	BROOKINGS	216TH ST	ELKTON	PASSIVE	PASSIVE	33	2	0	0.008	0.009	B	0.001	792	NO	NO
197475M	27880	SD	BROOKINGS	482ND AVE	ELKTON	PASSIVE	PASSIVE	93	2	0	0.011	0.013	B	0.002	570	NO	NO
193805C	027990	SD	BROOKINGS	481ST AVE	AURORA	PASSIVE	PASSIVE	41	2	0	0.008	0.010	B	0.001	738	NO	NO
197476U	028090	SD	BROOKINGS	480TH AVE	AURORA	PASSIVE	PASSIVE	47	2	0	0.009	0.010	B	0.001	706	NO	NO
197477B	028150	SD	BROOKINGS	215TH ST	AURORA	PASSIVE	PASSIVE	27	2	0	0.007	0.008	B	0.001	846	NO	NO
193806J	028200	SD	BROOKINGS	479TH AVE	AURORA	PASSIVE	PASSIVE	43	2	0	0.009	0.010	B	0.001	727	NO	NO
193807R	028300	SD	BROOKINGS	478TH AVE	AURORA	PASSIVE	PASSIVE	42	2	0	0.008	0.010	B	0.001	732	NO	NO
193808X	028410	SD	BROOKINGS	477TH AVE	AURORA	PASSIVE	PASSIVE	31	2	0	0.008	0.009	B	0.001	808	NO	NO
197424C	028490	SD	BROOKINGS	HULL AVE	AURORA	PASSIVE	PASSIVE	5	2	0	0.004	0.005	B	0.001	1,498	NO	NO
197425J	028510	SD	BROOKINGS	BROADWAY AVE	AURORA	PASSIVE	PASSIVE	139	2	0	0.022	0.025	B	0.003	323	NO	NO
197426R	028620	SD	BROOKINGS	475TH AVE	AURORA	PASSIVE	PASSIVE	21	2	0	0.007	0.008	B	0.001	919	NO	NO
197429L	028830	SD	BROOKINGS	34THAAVE	BROOKINGS	PASSIVE	PASSIVE	55	2	0	0.005	0.006	B	0.001	1,180	NO	NO
197430F	28870	SD	BROOKINGS	INDUSTRIAL/ 8TH ST	BROOKINGS	PASSIVE	PASSIVE	10	2	0	0.005	0.006	B	0.001	1,180	NO	NO
197478H	028930	SD	BROOKINGS	22ND AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	12703	4	2	0.180	0.184	A	0.003	293	NO	YES
197479P	28960	SD	BROOKINGS	17TH AVE SO.	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	3025	2	0	0.030	0.031	B	0.001	937	NO	NO
197480J	029030	SD	BROOKINGS	MEDARY AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	6440	2	0	0.037	0.038	B	0.001	837	NO	NO
197481R	029090	SD	BROOKINGS	MAIN AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	7988	4	0	0.048	0.049	B	0.001	767	NO	NO
197482X	029110	SD	BROOKINGS	WESTERN AVE	BROOKINGS	FLASHING LIGHTS	FLASHING LIGHTS	2630	2	0	0.026	0.029	B	0.003	296	NO	NO
197483E	029210	SD	BROOKINGS	6TH ST W	BROOKINGS	PASSIVE	PASSIVE	30	2	0	0.006	0.009	B	0.003	364	NO	NO
197484L	029240	SD	BROOKINGS	16TH AVE W	BROOKINGS	PASSIVE	PASSIVE	78	2	0	0.008	0.012	B	0.004	267	NO	NO
197485T	029350	SD	BROOKINGS	468TH AVE	BROOKINGS	PASSIVE	PASSIVE	20	2	0	0.005	0.008	B	0.002	417	NO	NO
197487G	029460	SD	BROOKINGS	467TH AVE	BROOKINGS	PASSIVE	PASSIVE	35	2	0	0.006	0.009	B	0.003	346	NO	NO
197440L	29650	SD	BROOKINGS	CASPIAN	VOLGA	GATES	GATES	46	2	0	0.005	0.006	B	0.002	649	NO	NO
197441T	029720	SD	BROOKINGS	HANSINA ST.	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	1787	2	0	0.023	0.026	B	0.003	321	NO	NO
197442A	029730	SD	BROOKINGS	KASAN ST	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	2180	2	0	0.024	0.028	B	0.003	307	NO	NO
197443G	029740	SD	BROOKINGS	SAMARA ST	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	950	2	0	0.019	0.021	B	0.003	373	NO	NO
197445V	029840	SD	BROOKINGS	463RD AVE	VOLGA	PASSIVE	PASSIVE	10	2	0	0.006	0.008	B	0.002	560	NO	NO
197493K	029870	SD	BROOKINGS	HWY 14	VOLGA	FLASHING LIGHTS	FLASHING LIGHTS	2962	2	0	0.027	0.030	B	0.003	289	NO	NO
197446C	029960	SD	BROOKINGS	462ND AVE	VOLGA	PASSIVE	PASSIVE	30	2	0	0.007	0.009	B	0.002	490	NO	NO
197447J	030170	SD	BROOKINGS	460TH AVE	VOLGA	PASSIVE	PASSIVE	17	1	0	0.005	0.007	B	0.002	592	NO	NO
197448R	030280	SD	BROOKINGS	459TH AVE	VOLGA	PASSIVE	PASSIVE	170	2	1	0.066	0.076	A	0.010	101	NO	YES
197449X	030380	SD	BROOKINGS	458TH AVE	ARLINGTON	PASSIVE	PASSIVE	25	2	0	0.006	0.008	B	0.002	520	NO	NO
197450S	030480	SD	BROOKINGS	457TH AVE	ARLINGTON	PASSIVE	PASSIVE	30	2	0	0.007	0.009	B	0.002	490	NO	NO
197502G	030680	SD	BROOKINGS	455TH AVE	ARLINGTON	PASSIVE	PASSIVE	20	2	0	0.006	0.008	B	0.002	560	NO	NO
197503N	030730	SD	BROOKINGS	209TH ST	ARLINGTON	PASSIVE	PASSIVE	15	2	0	0.005	0.007	B	0.002	460	NO	NO
						Total				**3**	**0.814**	**0.912**		**0.098**	**10**	**Number of crossings**	
						Minimum					**0.004**	**0.005**		**0.001**	**1,498**	**In the County =**	**43**
						Maximum					**0.180**	**0.184**		**0.010**	**101**		
Kingsbury County																	
197451Y	030800	SD	KINGSBURY	US HWY 81	ARLINGTON	FLASHING LIGHTS	FLASHING LIGHTS	1536	4	0	0.029	0.032	B	0.004	277	NO	NO
197452F	30820	SD	KINGSBURY	MAIN ST	ARLINGTON	PASSIVE	PASSIVE	630	2	0	0.028	0.038	B	0.010	99	NO	NO
197453M	30830	SD	KINGSBURY	3RD ST N.	ARLINGTON	PASSIVE	PASSIVE	300	2	0	0.012	0.019	B	0.007	135	NO	NO
197454U	030840	SD	KINGSBURY	4TH ST. N.	ARLINGTON	PASSIVE	PASSIVE	430	2	0	0.022	0.034	B	0.012	81	NO	NO

Pre/Post-Construction Accident Prediction Comparison
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq	Trip Threshold	State Top 50
											Pre-Construction	Post-Construction					
197504V	030940	SD	KINGSBURY	453RD AVE	ARLINGTON	PASSIVE	PASSIVE	43	2	0	0.007	0.010	B	0.003	299	NO	NO
197505C	031060	SD	KINGSBURY	452ND AVE	ARLINGTON	PASSIVE	PASSIVE	74	2	0	0.008	0.012	B	0.004	251	NO	NO
197507R	031160	SD	KINGSBURY	451ST AVE	ARLINGTON	PASSIVE	PASSIVE	20	2	0	0.005	0.008	B	0.003	386	NO	NO
197508X	031260	SD	KINGSBURY	450TH AVE	ARLINGTON	PASSIVE	PASSIVE	245	2	1	0.065	0.081	A	0.016	63	YES	YES
197509E	031390	SD	KINGSBURY	449TH AVE/MAIN ST	HETLAND	PASSIVE	PASSIVE	151	2	0	0.009	0.014	B	0.005	217	NO	NO
197510Y	031470	SD	KINGSBURY	448TH AVE	HETLAND	PASSIVE	PASSIVE	10	2	0	0.004	0.006	B	0.002	489	NO	NO
197514B	031670	SD	KINGSBURY	446TH AVE	LAKE PRESTON	PASSIVE	PASSIVE	5	2	0	0.003	0.005	B	0.002	622	NO	NO
197519K	032070	SD	KINGSBURY	PARK AVE	LAKE PRESTON	PASSIVE	PASSIVE	408	2	0	0.024	0.034	B	0.010	100	NO	NO
197520E	032090	SD	KINGSBURY	LAKE AVE	LAKE PRESTON	PASSIVE	PASSIVE	89	2	1	0.044	0.052	A	0.008	131	NO	YES
197521L	032100	SD	KINGSBURY	MAIN ST	LAKE PRESTON	PASSIVE	PASSIVE	2496	2	0	0.040	0.054	A	0.014	73	YES	YES
197522T	032110	SD	KINGSBURY	PRESTON AVE	LAKE PRESTON	PASSIVE	PASSIVE	86	2	0	0.008	0.013	B	0.004	239	NO	NO
197523A	032170	SD	KINGSBURY	441ST AVE	LAKE PRESTON	FLASHING LIGHTS	FLASHING LIGHTS	225	2	2	0.068	0.076	A	0.008	121	NO	YES
197679Y	032370	SD	KINGSBURY	439TH AVE	LAKE PRESTON	PASSIVE	PASSIVE	5	2	0	0.003	0.005	B	0.002	622	NO	NO
197680T	032480	SD	KINGSBURY	438TH AVE	LAKE PRESTON	PASSIVE	PASSIVE	3	2	0	0.003	0.004	B	0.001	745	NO	NO
197681A	032580	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	PASSIVE	75	2	0	0.008	0.012	B	0.004	250	NO	NO
197683N	032680	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	PASSIVE	15	2	0	0.005	0.007	B	0.002	425	NO	NO
197684V	032780	SD	KINGSBURY	435TH AVE	DE SMET	PASSIVE	PASSIVE	27	2	0	0.006	0.008	B	0.003	349	NO	NO
197685C	032930	SD	KINGSBURY	LYLE AVE	DE SMET	PASSIVE	PASSIVE	115	2	1	0.045	0.054	A	0.008	121	NO	YES
197456H	032970	SD	KINGSBURY	CALUMET AVE	DE SMET	PASSIVE	PASSIVE	390	2	1	0.071	0.089	A	0.018	56	YES	YES
197457P	032980	SD	KINGSBURY	HWY 25	DE SMET	FLASHING LIGHTS	FLASHING LIGHTS	3063	2	0	0.028	0.035	B	0.007	144	NO	NO
197458W	032990	SD	KINGSBURY	SHERWOOD	DE SMET	PASSIVE	PASSIVE	186	2	0	0.019	0.027	B	0.008	121	NO	NO
197459D	033000	SD	KINGSBURY	HARVEY DUNN	DE SMET	PASSIVE	PASSIVE	130	2	0	0.010	0.014	B	0.005	210	NO	NO
197686J	033040	SD	KINGSBURY	PRAIRIE AVE	DE SMET	PASSIVE	PASSIVE	610	2	0	0.027	0.038	B	0.011	92	NO	NO
197687R	033080	SD	KINGSBURY	432ND AVE	DE SMET	PASSIVE	PASSIVE	33	2	0	0.006	0.009	B	0.003	326	NO	NO
197690Y	033290	SD	KINGSBURY	430TH AVE	DE SMET	PASSIVE	PASSIVE	2	2	0	0.002	0.003	B	0.001	861	NO	NO
197460X	033390	SD	KINGSBURY	429TH AVE	DE SMET	PASSIVE	PASSIVE	36	2	0	0.006	0.009	B	0.003	317	NO	NO
197461E	33490	SD	KINGSBURY	428TH AVE.	DE SMET	PASSIVE	PASSIVE	10	1	0	0.004	0.006	B	0.002	489	NO	NO
197462L	033590	SD	KINGSBURY	427TH AVE	DE SMET	PASSIVE	PASSIVE	35	2	0	0.006	0.009	B	0.003	320	NO	NO
197464A	033700	SD	KINGSBURY	426TH AVE	DE SMET	PASSIVE	PASSIVE	10	2	0	0.004	0.006	B	0.002	489	NO	NO
197465G	033800	SD	KINGSBURY	425TH AVE	DE SMET	PASSIVE	PASSIVE	215	2	0	0.020	0.028	B	0.009	116	NO	NO
197466N	033840	SD	KINGSBURY	MANCHESTER	DE SMET	PASSIVE	PASSIVE	45	2	0	0.007	0.010	B	0.003	295	NO	NO
197467V	033890	SD	KINGSBURY	424TH AVE	DE SMET	PASSIVE	PASSIVE	17	2	0	0.005	0.007	B	0.002	408	NO	NO
197469J	34000	SD	KINGSBURY	423RD AVE	DE SMET	PASSIVE	PASSIVE	62	1	0	0.007	0.011	B	0.004	266	NO	NO
197470D	034100	SD	KINGSBURY	422ND AVE	IROQUOIS	PASSIVE	PASSIVE	62	2	0	0.007	0.011	B	0.004	266	NO	NO
197691F	34200	SD	KINGSBURY	421ST AVE	IROQUOIS	PASSIVE	PASSIVE	8	1	0	0.004	0.006	B	0.002	528	NO	NO
197692M	034300	SD	KINGSBURY	420TH AVE	IROQUOIS	PASSIVE	PASSIVE	15	2	0	0.005	0.007	B	0.002	425	NO	NO
197694B	34390	SD	KINGSBURY	419TH AVE	IROQUOIS	PASSIVE	PASSIVE	19	2	0	0.005	0.007	B	0.003	392	NO	NO
197696P	34420	SD	KINGSBURY	US HWY 14	IROQUOIS	FLASHING LIGHTS	FLASHING LIGHTS			0	0.018	0.024	B	0.005	190	NO	NO
197697W	34460	SD	KINGSBURY	OTTAWA ST	IROQUOIS	PASSIVE	PASSIVE	613	2	0	0.025	0.038	B	0.013	75	NO	NO
197698D	34470	SD	KINGSBURY	QUAPAW ST	IROQUOIS	PASSIVE	PASSIVE	230	2	0	0.011	0.017	B	0.007	146	NO	NO
197471K	034490	SD	KINGSBURY	418TH AVE/SIOUX ST	IROQUOIS	FLASHING LIGHTS	FLASHING LIGHTS	157	2	0	0.009	0.011	B	0.003	354	NO	NO
							Total			6	0.750	1.002		0.252	4	Number of crossings	
							Minimum				0.002	0.003		0.0012	861	in the County =	45
							Maximum				0.071	0.089		0.018	56		
Beadle County																	
197473Y	034690	SD	BEADLE	416TH AVE	IROQUOIS	PASSIVE	PASSIVE	10	2	0	0.004	0.006	B	0.002	489	NO	NO
197474F	034790	SD	BEADLE	415TH AVE	IROQUOIS	PASSIVE	PASSIVE	42	2	0	0.007	0.010	B	0.003	301	NO	NO
197455B	034890	SD	BEADLE	414TH AVE	IROQUOIS	PASSIVE	PASSIVE	10	2	0	0.004	0.006	B	0.002	489	NO	NO
197887A	034990	SD	BEADLE	413TH AVE	CAVOUR	PASSIVE	PASSIVE	95	2	0	0.009	0.013	B	0.004	232	NO	NO
197701J	35080	SD	BEADLE	412TH AVE	CAVOUR	PASSIVE	PASSIVE	35	2	0	0.006	0.009	B	0.003	320	NO	NO
197702R	35180	SD	BEADLE	411TH AVE	CAVOUR	PASSIVE	PASSIVE	19	2	0	0.005	0.007	B	0.003	392	NO	NO
197703X	35280	SD	BEADLE	410TH AVE	CAVOUR	PASSIVE	PASSIVE	35	2	0	0.006	0.009	B	0.003	320	NO	NO

Pre/Post-Construction Accident Prediction Comparison
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq	Trip Threshold	State Top 50
197704E	035380	SD	BEADLE	409TH AVE	CAVOUR	PASSIVE	PASSIVE	188	2	0	0.019	0.027	B	0.008	120	NO	NO
197706T	035480	SD	BEADLE	408TH AVE	CAVOUR	PASSIVE	PASSIVE	15	2	0	0.005	0.007	B	0.002	425	NO	NO
197707A	35580	SD	BEADLE	407TH AVE	CAVOUR	PASSIVE	PASSIVE	15	2	0	0.005	0.007	B	0.002	425	NO	NO
197708G	035680	SD	BEADLE	406TH AVE	HURON	PASSIVE	PASSIVE	37	2	0	0.006	0.009	B	0.003	314	NO	NO
197710H	035780	SD	BEADLE	405TH AVE	HURON	PASSIVE	PASSIVE	44	2	0	0.007	0.010	B	0.003	297	NO	NO
197711P	035880	SD	BEADLE	404TH AVE	HURON	PASSIVE	PASSIVE	40	2	0	0.006	0.010	B	0.003	306	NO	NO
197891P	035980	SD	BEADLE	403RD AVE	HURON	PASSIVE	PASSIVE	45	2	0	0.007	0.010	B	0.003	295	NO	NO
197890H	036080	SD	BEADLE	CUSTER AVE	HURON	FLASHING LIGHTS	FLASHING LIGHTS	45	2	0	0.005	0.007	B	0.002	547	NO	NO
189696U	36220	SD	BEADLE	SIMMONS AVE	HURON	PASSIVE	PASSIVE	545	2	1	0.050	0.031	B	-0.020	-51	NO	NO
189698H	36280	SD	BEADLE	DAKOTA AVE	HURON	FLASHING LIGHTS	FLASHING LIGHTS	11030	4	0	0.055	0.063	A	0.008	122	NO	YES
189701N	36380	SD	BEADLE	LINCOLN AVE	HURON	FLASHING LIGHTS	FLASHING LIGHTS	5290	2	0	0.047	0.055	A	0.008	120	NO	YES
189702V	036470	SD	BEADLE	US HWY 14	HURON	FLASHING LIGHTS	FLASHING LIGHTS	2137	4	1	0.073	0.085	A	0.013	79	YES	YES
189703C	36480	SD	BEADLE	W PARK AVE	HURON	PASSIVE	PASSIVE	125	2	0	0.009	0.014	B	0.005	199	NO	NO
189704J	36590	SD	BEADLE	397TH AVE	HURON	PASSIVE	PASSIVE	40	2	0	0.011	0.017	B	0.006	172	NO	NO
189705R	36690	SD	BEADLE	396TH AVE	HURON	PASSIVE	PASSIVE	29	1	0	0.006	0.009	B	0.003	318	NO	NO
189706X	036800	SD	BEADLE	395TH AVE	HURON	PASSIVE	PASSIVE	20	1	0	0.005	0.008	B	0.003	360	NO	NO
189707E	36900	SD	BEADLE	394TH AVE	WOLSEY	PASSIVE	PASSIVE	305	2	2	0.112	0.139	A	0.026	38	YES	YES
189708L	37000	SD	BEADLE	393RD AVE	WOLSEY	PASSIVE	PASSIVE	35	2	0	0.006	0.009	B	0.003	299	NO	NO
189710M	37100	SD	BEADLE	392ND AVE	WOLSEY	PASSIVE	PASSIVE	20	1	0	0.005	0.008	B	0.003	360	NO	NO
189712B	37320	SD	BEADLE	390TH AVE	WOLSEY	PASSIVE	PASSIVE	19	2	0	0.005	0.007	B	0.003	367	NO	NO
189713H	37480	SD	BEADLE	389TH AVE	WOLSEY	PASSIVE	PASSIVE	3	1	0	0.002	0.004	B	0.001	696	NO	NO
189716D	37620	SD	BEADLE	COMMERCIAL AVE	WOLSEY	FLASHING LIGHTS	FLASHING LIGHTS	2671	2	1	0.069	0.090	A	0.021	48	YES	YES
189717K	37630	SD	BEADLE	387TH AVE	WOLSEY	PASSIVE	PASSIVE	200	1	0	0.009	0.017	B	0.008	128	NO	NO
189718S	37730	SD	BEADLE	386TH AVE	WOLSEY	PASSIVE	PASSIVE	27	1	0	0.004	0.008	B	0.004	245	NO	NO
189720T	37930	SD	BEADLE	384TH AVE	WOLSEY	PASSIVE	PASSIVE	24	1	0	0.004	0.008	B	0.004	254	NO	NO
189722G	38040	SD	BEADLE	383RD AVE	WOLSEY	PASSIVE	PASSIVE	15	2	0	0.004	0.007	B	0.003	299	NO	NO
189724V	38140	SD	BEADLE	382ND AVE	WESSINGTON	PASSIVE	PASSIVE	20	1	0	0.004	0.008	B	0.004	271	NO	NO
189726J	038350	SD	BEADLE	378TH AVE	WESSINGTON	PASSIVE	PASSIVE	12	1	0	0.003	0.006	B	0.003	323	NO	NO
189728X	38550	SD	BEADLE	376TH AVE	WESSINGTON	PASSIVE	PASSIVE	20	2	0	0.004	0.008	B	0.004	271	NO	NO
189730Y	38650	SD	BEADLE	375TH AVE	WESSINGTON	PASSIVE	PASSIVE	25	2	0	0.004	0.008	B	0.004	251	NO	NO
189731F	038750	SD	BEADLE	WESSINGTON ST	WESSINGTON	PASSIVE	PASSIVE	952	2	1	0.074	0.106	A	0.032	32	YES	YES
189732M	38770	SD	BEADLE	374TH AVE	WESSINGTON	PASSIVE	PASSIVE	464	2	0	0.020	0.035	B	0.015	66	NO	NO
							Total			6	0.684	0.897		0.213	5	Number of crossings	
							Minimum				0.002	0.004		0.001	696	In the County =	39
							Maximum				0.112	0.139		0.032	32		
Hand County																	
189734B	38880	SD	HAND	373RD AVE	WESSINGTON	PASSIVE	PASSIVE	14	1	0	0.003	0.007	B	0.003	306	NO	NO
189736P	39000	SD	HAND	372ND AVE	WESSINGTON	PASSIVE	PASSIVE	9	1	0	0.003	0.006	B	0.003	356	NO	NO
189738D	39110	SD	HAND	371ST AVE	WESSINGTON	PASSIVE	PASSIVE	10	1	0	0.003	0.006	B	0.003	344	NO	NO
189740E	39220	SD	HAND	370TH AVE	WESSINGTON	PASSIVE	PASSIVE	2	1	0	0.002	0.003	B	0.002	607	NO	NO
189742T	39340	SD	HAND	369TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	120	2	0	0.013	0.024	B	0.011	93	NO	NO
189744G	039560	SD	HAND	367TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	1	1	0	0.001	0.003	B	0.001	780	NO	NO
189746V	039670	SD	HAND	366TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	25	1	0	0.004	0.008	B	0.004	251	NO	NO
189747C	39760	SD	HAND	365TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	1	1	0	0.001	0.003	B	0.001	780	NO	NO
189748J	39860	SD	HAND	364TH AVE	ST LAWRENCE	PASSIVE	PASSIVE	4	1	0	0.002	0.004	B	0.002	474	NO	NO
189749R	39960	SD	HAND	363RD AVE	ST LAWRENCE	PASSIVE	PASSIVE	115	2	0	0.013	0.023	B	0.011	94	NO	NO
189751S	40030	SD	HAND	MAPLE ST	ST LAWRENCE	PASSIVE	PASSIVE	164	2	0	0.008	0.016	B	0.007	136	NO	NO
189752Y	040040	SD	HAND	COMMERCIAL AVE	ST LAWRENCE	GATES	GATES	166	2	1	0.030	0.038	B	0.008	126	NO	NO
189754M	40160	SD	HAND	361ST AVE	GRENVILLE	PASSIVE	PASSIVE	25	1	0	0.004	0.008	B	0.004	251	NO	NO
189755U	40260	SD	HAND	3RD ST	MILLER	PASSIVE	PASSIVE	400	2	0	0.019	0.034	B	0.015	68	NO	NO
189756B	040290	SD	HAND	BROADWAY/HWY 47	MILLER	FLASHING LIGHTS	FLASHING LIGHTS	2505	2	0	0.026	0.042	B	0.016	61	NO	NO
189757H	40310	SD	HAND	3RD AVE W	MILLER	PASSIVE	PASSIVE	204	1	0	0.009	0.017	B	0.008	127	NO	NO

Pre/Post-Construction Accident Prediction Comparison
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq	Trip Threshold	State Top 50
189758P	40360	SD	HAND	359TH AVE	MILLER	PASSIVE	PASSIVE	14	1	0	0.003	0.007	B	0.003	306	NO	NO
189759W	40460	SD	HAND	358TH AVE	MILLER	PASSIVE	PASSIVE	2	1	0	0.002	0.003	B	0.002	607	NO	NO
189760R	40560	SD	HAND	357TH AVE	MILLER	PASSIVE	PASSIVE	2	1	0	0.002	0.003	B	0.002	607	NO	NO
189761X	40660	SD	HAND	356TH AVE	MILLER	PASSIVE	PASSIVE	2	1	0	0.002	0.003	B	0.002	607	NO	NO
189762E	40750	SD	HAND	355TH AVE	MILLER	PASSIVE	PASSIVE	49	1	0	0.005	0.010	B	0.005	200	NO	NO
189763L	40860	SD	HAND	354TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	3	1	0	0.002	0.004	B	0.002	525	NO	NO
189765A	41060	SD	HAND	352ND AVE	REE HEIGHTS	PASSIVE	PASSIVE	5	1	0	0.002	0.005	B	0.002	438	NO	NO
189767N	41260	SD	HAND	350TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	2	1	0	0.002	0.003	B	0.002	607	NO	NO
189768V	41330	SD	HAND	DAKOTA AVE	REE HEIGHTS	FLASHING LIGHTS	FLASHING LIGHTS	508	2	0	0.013	0.020	B	0.007	138	NO	NO
189769C	041360	SD	HAND	LINCOLN AVE	REE HEIGHTS	PASSIVE	PASSIVE	5	1	0	0.002	0.005	B	0.002	438	NO	NO
189770W	41550	SD	HAND	347TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	2	1	0	0.002	0.003	B	0.002	607	NO	NO
189771D	041660	SD	HAND	346TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	7	1	0	0.003	0.005	B	0.003	389	NO	NO
189772K	041830	SD	HAND	344TH AVE	REE HEIGHTS	PASSIVE	PASSIVE	20	1	0	0.004	0.008	B	0.004	271	NO	NO
							Total			1	0.186	0.321		0.135	7	Number of crossings	
							Minimum				0.001	0.003		0.0013	780	In the County =	29
							Maximum				0.030	0.042		0.016	61		
Hyde County																	
189775F	42120	SD	HYDE	341ST AVE/CO RD 959	HIGHMORE	PASSIVE	PASSIVE	115	9	0	0.007	0.014	B	0.007	152	NO	NO
189776M	042230	SD	HYDE	340TH AVE	HIGHMORE	PASSIVE	PASSIVE	1	1	0	0.001	0.003	B	0.001	780	NO	NO
189780C	42420	SD	HYDE	338TH AVE	HIGHMORE	PASSIVE	PASSIVE	10	1	0	0.003	0.006	B	0.003	344	NO	NO
189781J	042500	SD	HYDE	COMMERCIAL	HIGHMORE	GATES	GATES	272	2	1	0.033	0.040	B	0.007	139	NO	NO
189782R	42520	SD	HYDE	IOWA AVE	HIGHMORE	GATES	GATES	1543	2	0	0.014	0.020	B	0.007	154	NO	NO
189784E	42620	SD	HYDE	336TH AVE	HIGHMORE	PASSIVE	PASSIVE	8	1	0	0.003	0.006	B	0.003	371	NO	NO
189786T	42820	SD	HYDE	334TH AVE	HIGHMORE	PASSIVE	PASSIVE	6	2	0	0.003	0.005	B	0.002	411	NO	NO
189787A	42920	SD	HYDE	333RD AVE/CO RD 961	HIGHMORE	PASSIVE	PASSIVE	36	2	0	0.005	0.009	B	0.005	222	NO	NO
189789N	43120	SD	HYDE	330TH AVE	HIGHMORE	PASSIVE	PASSIVE	10	1	0	0.003	0.006	B	0.003	344	NO	NO
189791P	43290	SD	HYDE	OAK ST	HIGHMORE	PASSIVE	PASSIVE	21	1	0	0.004	0.008	B	0.004	266	NO	NO
189792W	043320	SD	HYDE	328TH AVE/CO RD 649	HIGHMORE	PASSIVE	PASSIVE	80	2	0	0.011	0.021	B	0.010	104	NO	NO
189793D	43420	SD	HYDE	327TH AVE	HIGHMORE	PASSIVE	PASSIVE	3	1	0	0.002	0.004	B	0.002	525	NO	NO
189795S	43520	SD	HYDE	326TH AVE	HIGHMORE	PASSIVE	PASSIVE	3	1	0	0.002	0.004	B	0.002	525	NO	NO
189797F	043620	SD	HYDE	325TH AVE	HIGHMORE	PASSIVE	PASSIVE	7	1	0	0.003	0.005	B	0.003	389	NO	NO
							Total			1	0.094	0.150		0.057	18	Number of crossings	
							Minimum				0.001	0.003		0.001	780	In the County =	14
							Maximum				0.033	0.040		0.010	104		
Hughes County																	
189799U	043820	SD	HUGHES	323RD AVE	HARROLD	PASSIVE	PASSIVE	20	1	0	0.004	0.008	B	0.004	271	NO	NO
189800L	043920	SD	HUGHES	322ND AVE	HARROLD	PASSIVE	PASSIVE	20	1	0	0.004	0.008	B	0.004	271	NO	NO
189801T	43990	SD	HUGHES	WYMAN AVE	HARROLD	FLASHING LIGHTS	FLASHING LIGHTS	300	2	3	0.107	0.131	A	0.024	41	YES	YES
189802A	044020	SD	HUGHES	321ST AVE	HARROLD	PASSIVE	PASSIVE	145	2	0	0.014	0.025	B	0.011	88	NO	NO
189805V	44320	SD	HUGHES	318TH AVE	HARROLD	PASSIVE	PASSIVE	35	1	0	0.005	0.009	B	0.004	224	NO	NO
189809X	044720	SD	HUGHES	314TH AVE	BLUNT	PASSIVE	PASSIVE	35	2	0	0.005	0.009	B	0.004	224	NO	NO
189810S	44920	SD	HUGHES	312TH AVE	BLUNT	PASSIVE	PASSIVE	16	1	0	0.004	0.007	B	0.003	292	NO	NO
189812F	45130	SD	HUGHES	310TH AVE		PASSIVE	PASSIVE	9	1	0	0.003	0.006	B	0.003	356	NO	NO
189813M	45220	SD	HUGHES	309TH AVE	BLUNT	PASSIVE	PASSIVE	9	2	0	0.003	0.006	B	0.003	356	NO	NO
189816H	045330	SD	HUGHES	CANNING RD	BLUNT	PASSIVE	PASSIVE	153	2	0	0.014	0.025	B	0.011	87	NO	NO
189822L	046110	SD	HUGHES	CHELSEY RD	BLUNT	PASSIVE	PASSIVE	82	2	0	0.006	0.012	B	0.006	170	NO	NO
189839P	47790	SD	HUGHES	FARM ISLAND RD	PIERRE	PASSIVE	PASSIVE	80	2	0	0.011	0.021	B	0.010	104	NO	NO
189840J	47840	SD	HUGHES	UPS RD	PIERRE	PASSIVE	PASSIVE	30	2	0	0.008	0.015	B	0.007	140	NO	NO
189841R	47890	SD	HUGHES	RECREATIONAL/ GOLF	PIERRE	PASSIVE	PASSIVE	1	2	0	0.027	0.033	B	0.007	154	NO	NO
189842X	47950	SD	HUGHES	LOWELL RD	PIERRE	PASSIVE	PASSIVE	1000	2	0	0.026	0.041	B	0.016	64	NO	NO
189843E	48000	SD	HUGHES	INDUSTRIAL	PIERRE	PASSIVE	PASSIVE	3798	2	0	0.038	0.057	A	0.020	51	YES	YES
189844L	48050	SD	HUGHES	HARRISON	PIERRE	PASSIVE	PASSIVE	100	2	1	0.050	0.067	A	0.016	62	YES	YES

Pre/Post-Construction Accident Prediction Comparison
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency Pre-Construction	Estimated Annual Accident Frequency Post-Construction	Category	Change in Frequency	1/Freq	Trip Threshold	State Top 50
189845T	48070	SD	HUGHES	MONROE	PIERRE	PASSIVE	PASSIVE	1560	2	0	0.029	0.046	B	0.017	59	NO	NO
189846A	48110	SD	HUGHES	HWY 14/ 34	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	19755	4	0	0.050	0.064	A	0.014	73	YES	YES
189847G	48140	SD	HUGHES	REE ST	PIERRE	PASSIVE	PASSIVE	1020	2	0	0.026	0.041	B	0.016	63	NO	NO
189848N	48160	SD	HUGHES	HIGHLAND AVE	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	6045	2	0	0.026	0.037	B	0.011	87	NO	NO
189850P	48190	SD	HUGHES	CENTRAL ST	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	6365	2	0	0.026	0.038	B	0.012	86	NO	NO
189851W	48220	SD	HUGHES	POPLAR	PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	1149	2	0	0.035	0.036	B	0.001	859	NO	NO
							Total			4	0.519	0.742		0.224	4	Number of crossings	
							Minimum				0.003	0.006		0.001	859	In the County =	23
							Maximum				0.107	0.131		0.024	41		
Stanley County																	
189856F	48350	SD	STANLEY	HWY 14/ 34	FORT PIERRE	FLASHING LIGHTS	FLASHING LIGHTS	3500	2	0	0.022	0.032	B	0.010	96	NO	NO
189857M	48370	SD	STANLEY	STANLEY RD	FORT PIERRE	PASSIVE	PASSIVE	50	2	0	0.005	0.010	B	0.004	229	NO	NO
189858U	048410	SD	STANLEY	7TH AVE/SALEBARN RD	FORT PIERRE	PASSIVE	PASSIVE	392	2	1	0.049	0.064	A	0.015	67	YES	YES
189859B	48430	SD	STANLEY	FIFTH AVE	FORT PIERRE	PASSIVE	PASSIVE	211	2	0	0.009	0.016	B	0.007	145	NO	NO
189860V	48450	SD	STANLEY	SECOND AVE	FORT PIERRE	PASSIVE	PASSIVE	756	2	0	0.023	0.038	B	0.015	67	NO	NO
189861C	048460	SD	STANLEY	MAIN AVE	FORT PIERRE	PASSIVE	PASSIVE	3136	2	0	0.036	0.055	A	0.019	53	YES	YES
189862J	48490	SD	STANLEY	PARK	FORT PIERRE	PASSIVE	PASSIVE	406	2	0	0.011	0.020	B	0.008	119	NO	NO
189864X	48590	SD	STANLEY	BAD RIVER RD	FORT PIERRE	PASSIVE	PASSIVE	385	2	0	0.011	0.021	B	0.009	106	NO	NO
189870B	048940	SD	STANLEY	TRAIL PLACE RD	FORT PIERRE	PASSIVE	PASSIVE	15	1	0	0.004	0.007	B	0.003	299	NO	NO
189889T	050300	SD	STANLEY	WENDTE RD	FORT PIERRE	PASSIVE	PASSIVE	10	1	0	0.003	0.006	B	0.003	344	NO	NO
							Total			1	0.173	0.267		0.095	11	Number of crossings	
							Minimum				0.003	0.006		0.003	344	In the County =	10
							Maximum				0.049	0.064		0.019	53		
Jones County																	
189902E	51320	SD	JONES	VAN METRE RD	MIDLAND	PASSIVE	PASSIVE	62	2	0	0.006	0.011	B	0.005	186	NO	NO
189908V	052020	SD	JONES	VAN METRE RD W	MIDLAND	PASSIVE	PASSIVE	16	1	0	0.004	0.007	B	0.003	292	NO	NO
189914Y	52290	SD	JONES	CO RD N3	MIDLAND	PASSIVE	PASSIVE	25	1	0	0.004	0.008	B	0.004	251	NO	NO
							Total			0	0.014	0.027		0.013	78	Number of crossings	
							Minimum				0.004	0.007		0.003	292	In the County =	3
							Maximum				0.006	0.011		0.005	186		
Haakon County																	
189929N	53300	SD	HAAKON	NORTHWESTERN AVE	MIDLAND	PASSIVE	PASSIVE	55	1	0	0.006	0.011	B	0.005	193	NO	NO
189930H	53320	SD	HAAKON	WAKAPLA ST	MIDLAND	PASSIVE	PASSIVE	56	1	0	0.006	0.011	B	0.005	192	NO	NO
189931P	53340	SD	HAAKON	BRIDGE ST	MIDLAND	PASSIVE	PASSIVE	228	1	0	0.007	0.017	B	0.011	92	NO	NO
189932W	53360	SD	HAAKON	HWY 63	MIDLAND	FLASHING LIGHTS	FLASHING LIGHTS	280	2	0	0.008	0.017	B	0.009	111	NO	NO
189989X	55950	SD	HAAKON	SO AUTO AVE	PHILIP	PASSIVE	PASSIVE	75	1	0	0.004	0.012	B	0.008	132	NO	NO
190010C	55970	SD	HAAKON	HWY 73	PHILIP	FLASHING LIGHTS	FLASHING LIGHTS	615	2	0	0.014	0.029	B	0.015	68	NO	NO
190501B	56170	SD	HAAKON	CNTY RD 13	PHILIP	PASSIVE	PASSIVE	50	2	0	0.008	0.010	B	0.002	619	NO	NO
							Total			0	0.052	0.106		0.054	19	Number of crossings	
							Minimum				0.004	0.010		0.002	619	In the County =	7
							Maximum				0.014	0.029		0.015	68		
Jackson County																	
190025S	57130	SD	JACKSON	CO RD 22	COTTONWOOD	PASSIVE	PASSIVE	12	1	0	0.002	0.007	B	0.004	227	NO	NO
190026Y	57180	SD	JACKSON	HWY 14	COTTONWOOD	FLASHING LIGHTS	FLASHING LIGHTS	1020	2	1	0.040	0.060	A	0.021	48	YES	YES
190027F	57320	SD	JACKSON	E COTTONWOOD	COTTONWOOD	PASSIVE	PASSIVE	59	1	0	0.004	0.011	B	0.007	142	NO	NO
190028M	57350	SD	JACKSON	MAIN/COTTONWOOD S	COTTONWOOD	PASSIVE	PASSIVE	26	2	0	0.003	0.008	B	0.005	188	NO	NO
190032C	57520	SD	JACKSON	GRINDSTONE RD	COTTONWOOD	PASSIVE	PASSIVE	41	1	0	0.004	0.010	B	0.006	161	NO	NO
190034R	057730	SD	JACKSON	CO RD 23A	COTTONWOOD	PASSIVE	PASSIVE	12	1	0	0.002	0.006	B	0.004	245	NO	NO
							Total			1	0.055	0.103		0.048	21	Number of crossings	
							Minimum				0.002	0.006		0.004	245	In the County =	6
							Maximum				0.040	0.060		0.021	48		
Pennington County																	

Pre/Post-Construction Accident Prediction Comparison
South Dakota 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT c	NO. HWY LANES	NO. OBSERVED ACCIDENTS 1993-1997 N	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq	Trip Threshold	State Top 50
											Pre-Construction	Post-Construction					
190039A	58309	SD	PENNINGTON	BIG FOOT RD/CO RD 51	QUINN	PASSIVE	PASSIVE	6	1	0	0.002	0.005	B	0.003	313	NO	NO
190044W	58470	SD	PENNINGTON	QUINN RD	QUINN	PASSIVE	PASSIVE	87	2	0	0.008	0.021	B	0.013	76	NO	NO
190049F	059020	SD	PENNINGTON	CREIGHTON RD	WALL	PASSIVE	PASSIVE	19	2	0	0.005	0.013	B	0.008	122	NO	NO
							Total			0	0.015	0.039		0.025	41	Number of crossings	
							Minimum				0.002	0.005		0.003	313	in the County =	3
							Maximum				0.008	0.021		0.013	76		

Pre-Construction Accident Prediction Summary
South Dakota 50 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Segment 6 Brookings to Tracy MP 226.6 to 290.0																		
193785T	027360	SD	BROOKINGS	487TH AVE	ELKTON	PASSIVE	40	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193786A	027440	SD	BROOKINGS	ELK ST	ELKTON	PASSIVE	1400	10	6	35	1	1	2	0.105	5	0	0.059	0.042
193787G	027460	SD	BROOKINGS	N BUFFALO ST	ELKTON	PASSIVE	250	10	6	35	1	2	2	0.030	5	0	0.022	0.016
193788N	027470	SD	BROOKINGS	CORNELL AVE	ELKTON	PASSIVE	300	10	6	35	1	1	2	0.059	5	0	0.038	0.027
193789V	027480	SD	BROOKINGS	SD HWY 13	ELKTON	PASSIVE	642	10	6	35	1	1	2	0.078	5	0	0.048	0.034
193791W	027570	SD	BROOKINGS	485TH AVE	ELKTON	PASSIVE	35	10	6	35	1	2	2	0.015	5	0	0.011	0.008
193792D	027680	SD	BROOKINGS	484TH AVE	ELKTON	PASSIVE	39	10	6	35	1	2	2	0.015	5	0	0.012	0.008
193794S	027780	SD	BROOKINGS	483RD AVE	ELKTON	PASSIVE	36	10	6	35	1	2	2	0.015	5	0	0.011	0.008
193795Y	027810	SD	BROOKINGS	216TH ST	ELKTON	PASSIVE	33	10	6	35	1	2	2	0.014	5	0	0.011	0.008
197475M	27880	SD	BROOKINGS	482ND AVE	ELKTON	PASSIVE	93	10	6	35	1	2	2	0.021	5	0	0.016	0.011
193805C	027990	SD	BROOKINGS	481ST AVE	AURORA	PASSIVE	41	10	6	35	1	2	2	0.016	5	0	0.012	0.008
197476U	028090	SD	BROOKINGS	480TH AVE	AURORA	PASSIVE	47	10	6	35	1	2	2	0.016	5	0	0.012	0.009
197477B	028150	SD	BROOKINGS	215TH ST	AURORA	PASSIVE	27	10	6	35	1	2	2	0.013	5	0	0.010	0.007
193806J	028200	SD	BROOKINGS	479TH AVE	AURORA	PASSIVE	43	10	6	35	1	2	2	0.016	5	0	0.012	0.009
193807R	028300	SD	BROOKINGS	478TH AVE	AURORA	PASSIVE	42	10	6	35	1	2	2	0.016	5	0	0.012	0.008
193808X	028410	SD	BROOKINGS	477TH AVE	AURORA	PASSIVE	31	10	6	35	1	2	2	0.014	5	0	0.011	0.008
197424C	028490	SD	BROOKINGS	HULL AVE	AURORA	PASSIVE	5	10	6	35	1	2	2	0.007	5	0	0.006	0.004
197425J	028510	SD	BROOKINGS	BROADWAY AVE	AURORA	PASSIVE	139	10	6	35	1	1	2	0.044	5	0	0.030	0.022
197426R	028620	SD	BROOKINGS	475TH AVE	AURORA	PASSIVE	21	10	6	35	1	2	2	0.012	5	0	0.009	0.007
197429L	028830	SD	BROOKINGS	34THAAVE	BROOKINGS	PASSIVE	10	10	6	35	1	2	2	0.009	5	0	0.007	0.005
197430F	28870	SD	BROOKINGS	INDUSTRIAL/ 8TH ST	BROOKINGS	PASSIVE	10	10	6.25	35	1	2	2	0.009	5	0	0.007	0.005
197478H	028930	SD	BROOKINGS	22ND AVE	BROOKINGS	FLASHING LIGHTS	12703	10	6	20	1	1	4	0.251	5	2	0.341	0.180
197479P	28960	SD	BROOKINGS	17TH AVE SO.	BROOKINGS	FLASHING LIGHTS	3025	10	6	20	1	1	2	0.097	5	0	0.056	0.030
197480J	029030	SD	BROOKINGS	MEDARY AVE	BROOKINGS	FLASHING LIGHTS	6440	10	6	20	1	1	2	0.132	5	0	0.069	0.037
197481R	029090	SD	BROOKINGS	MAIN AVE	BROOKINGS	FLASHING LIGHTS	7988	10	6	10	1	1	4	0.207	5	0	0.091	0.048
Segment 7 Arlington to Brookings MP 290.9 to 308.3																		
197482X	029110	SD	BROOKINGS	WESTERN AVE	BROOKINGS	FLASHING LIGHTS	2630	8	5	20	1	1	2	0.081	5	0	0.049	0.026
197483E	029210	SD	BROOKINGS	6TH ST W	BROOKINGS	PASSIVE	30	8	2	20	1	2	2	0.009	5	0	0.007	0.005
197484L	029240	SD	BROOKINGS	16TH AVE W	BROOKINGS	PASSIVE	78	8	5	20	1	2	2	0.016	5	0	0.012	0.008
197485T	029350	SD	BROOKINGS	468TH AVE	BROOKINGS	PASSIVE	20	8	5	20	1	2	2	0.009	5	0	0.007	0.005
197487G	029460	SD	BROOKINGS	467TH AVE	BROOKINGS	PASSIVE	35	8	5	20	2	2	2	0.012	5	0	0.009	0.006
197440L	29650	SD	BROOKINGS	CASPIAN	VOLGA	GATES	46	8	5	35	1	2	2	0.013	5	0	0.010	0.005
197441T	029720	SD	BROOKINGS	HANSINA ST.	VOLGA	FLASHING LIGHTS	1787	8	5	35	1	1	2	0.069	5	0	0.043	0.023
197442A	029730	SD	BROOKINGS	KASAN ST	VOLGA	FLASHING LIGHTS	2180	8	5	35	1	1	2	0.075	5	0	0.046	0.024
197443G	029740	SD	BROOKINGS	SAMARA ST	VOLGA	FLASHING LIGHTS	950	8	5	35	1	1	2	0.053	5	0	0.035	0.019
197445V	029840	SD	BROOKINGS	463RD AVE	VOLGA	PASSIVE	10	8	5	35	1	2	2	0.008	5	0	0.006	0.005
197493K	029870	SD	BROOKINGS	HWY 14	VOLGA	FLASHING LIGHTS	2962	8	5	35	1	1	2	0.085	5	0	0.051	0.027
197446C	029960	SD	BROOKINGS	462ND AVE	VOLGA	PASSIVE	30	8	5	35	1	2	2	0.012	5	0	0.009	0.007
197447J	030170	SD	BROOKINGS	460TH AVE	VOLGA	PASSIVE	17	8	5	35	1	2	1	0.010	5	0	0.008	0.005
197448R	030280	SD	BROOKINGS	459TH AVE	VOLGA	PASSIVE	170	8	5	35	1	1	2	0.042	5	1	0.092	0.066
197449X	030380	SD	BROOKINGS	458TH AVE	ARLINGTON	PASSIVE	25	8	5	35	1	2	2	0.012	5	0	0.009	0.006
197450S	030480	SD	BROOKINGS	457TH AVE	ARLINGTON	PASSIVE	30	8	5	35	1	2	2	0.012	5	0	0.009	0.007
197502G	030680	SD	BROOKINGS	455TH AVE	ARLINGTON	PASSIVE	20	8	5	35	1	2	2	0.011	5	0	0.008	0.006
197503N	030730	SD	BROOKINGS	209TH ST	ARLINGTON	PASSIVE	15	8	5	20	2	2	2	0.008	5	0	0.007	0.005
197451Y	030800	SD	BROOKINGS	US HWY 81	ARLINGTON	FLASHING LIGHTS	1536	8	5	20	1	1	4	0.094	5	0	0.055	0.029
197452F	30820	SD	KINGSBURY	MAIN ST	ARLINGTON	PASSIVE	630	8	5	20	3	1	2	0.061	5	0	0.039	0.028
Segment 8 Huron to Arlington MP 308.3 to 362.8																		

Pre-Construction Accident Prediction Summary
South Dakota 50 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
197453M	30830	SD	KINGSBURY	3RD ST N.	ARLINGTON	PASSIVE	300	6	4	20	3	2	2	0.022	5	0	0.016	0.012
197454U	030840	SD	KINGSBURY	4TH ST. N.	ARLINGTON	PASSIVE	430	6	4	20	3	1	2	0.046	5	0	0.031	0.022
197504V	030940	SD	KINGSBURY	453RD AVE	ARLINGTON	PASSIVE	43	6	4	35	2	2	2	0.012	5	0	0.009	0.007
197505C	031060	SD	KINGSBURY	452ND AVE	ARLINGTON	PASSIVE	74	6	4	35	1	2	2	0.015	5	0	0.011	0.008
197507R	031160	SD	KINGSBURY	451ST AVE	ARLINGTON	PASSIVE	20	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197508X	031260	SD	KINGSBURY	450TH AVE	ARLINGTON	PASSIVE	245	6	4	35	1	1	2	0.042	5	1	0.091	0.065
197509E	031390	SD	KINGSBURY	449TH AVE/MAIN ST	HETLAND	PASSIVE	151	6	4	35	1	2	2	0.019	5	0	0.014	0.010
197510Y	031470	SD	KINGSBURY	448TH AVE	HETLAND	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197514B	031670	SD	KINGSBURY	446TH AVE	LAKE PRESTON	PASSIVE	5	6	4	35	1	2	2	0.005	5	0	0.004	0.003
197519K	032070	SD	KINGSBURY	PARK AVE	LAKE PRESTON	PASSIVE	408	6	4	35	1	1	2	0.050	5	0	0.033	0.024
197520E	032090	SD	KINGSBURY	LAKE AVE	LAKE PRESTON	PASSIVE	89	6	4	35	3	2	2	0.016	5	1	0.061	0.044
197521L	032100	SD	KINGSBURY	MAIN ST	LAKE PRESTON	PASSIVE	2496	6	4	35	3	1	2	0.098	5	0	0.056	0.040
197522T	032110	SD	KINGSBURY	PRESTON AVE	LAKE PRESTON	PASSIVE	86	6	4	35	3	2	2	0.016	5	0	0.012	0.008
197523A	032170	SD	KINGSBURY	441ST AVE	LAKE PRESTON	FLASHING LIGHTS	225	6	4	35	1	1	2	0.026	5	2	0.128	0.068
197679Y	032370	SD	KINGSBURY	439TH AVE	LAKE PRESTON	PASSIVE	5	6	4	35	1	2	2	0.005	5	0	0.004	0.003
197680T	032480	SD	KINGSBURY	438TH AVE	LAKE PRESTON	PASSIVE	3	6	4	35	1	2	2	0.005	5	0	0.004	0.003
197681A	032580	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	75	6	4	35	1	2	2	0.015	5	0	0.011	0.008
197683N	032680	SD	KINGSBURY	437TH AVE	DE SMET	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197684V	032780	SD	KINGSBURY	435TH AVE	DE SMET	PASSIVE	27	6	4	35	1	2	2	0.010	5	0	0.008	0.006
197685C	032930	SD	KINGSBURY	LYLE AVE	DE SMET	PASSIVE	115	6	4	35	1	2	2	0.017	5	1	0.063	0.045
197456H	032970	SD	KINGSBURY	CALUMET AVE	DE SMET	PASSIVE	390	6	4	35	3	1	2	0.049	5	1	0.099	0.071
197457P	032980	SD	KINGSBURY	HWY 25	DE SMET	FLASHING LIGHTS	3063	6	4	35	2	1	2	0.090	5	0	0.053	0.028
197458W	032990	SD	KINGSBURY	SHERWOOD	DE SMET	PASSIVE	186	6	4	35	2	1	2	0.038	5	0	0.026	0.019
197459D	033000	SD	KINGSBURY	HARVEY DUNN	DE SMET	PASSIVE	130	6	4	35	2	2	2	0.018	5	0	0.014	0.010
197686J	033040	SD	KINGSBURY	PRAIRIE AVE	DE SMET	PASSIVE	610	6	4	35	2	1	2	0.058	5	0	0.038	0.027
197687R	033080	SD	KINGSBURY	432ND AVE	DE SMET	PASSIVE	33	6	4	35	1	2	2	0.011	5	0	0.008	0.006
197690Y	033290	SD	KINGSBURY	430TH AVE	DE SMET	PASSIVE	2	6	4	35	1	2	2	0.004	5	0	0.003	0.002
197460X	033390	SD	KINGSBURY	429TH AVE	DE SMET	PASSIVE	36	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197461E	33490	SD	KINGSBURY	428TH AVE.	DE SMET	PASSIVE	10	6	3.75	35	1	2	1	0.007	5	0	0.005	0.004
197462L	033590	SD	KINGSBURY	427TH AVE	DE SMET	PASSIVE	35	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197464A	033700	SD	KINGSBURY	426TH AVE	DE SMET	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197465G	033800	SD	KINGSBURY	425TH AVE	DE SMET	PASSIVE	215	6	4	35	1	1	2	0.040	5	0	0.027	0.020
197466N	033840	SD	KINGSBURY	MANCHESTER	DE SMET	PASSIVE	45	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197467V	033890	SD	KINGSBURY	424TH AVE	DE SMET	PASSIVE	17	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197469J	34000	SD	KINGSBURY	423RD AVE	DE SMET	PASSIVE	62	6	4	35	1	2	1	0.014	5	0	0.010	0.007
197470D	034100	SD	KINGSBURY	422ND AVE	IROQUOIS	PASSIVE	62	6	4	35	1	2	2	0.014	5	0	0.010	0.007
197691F	34200	SD	KINGSBURY	421ST AVE	IROQUOIS	PASSIVE	8	6	4	35	1	2	1	0.006	5	0	0.005	0.004
197692M	034300	SD	KINGSBURY	420TH AVE	IROQUOIS	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197694B	34390	SD	KINGSBURY	419TH AVE	IROQUOIS	PASSIVE	19	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197696P	34420	SD	KINGSBURY	US HWY 14	IROQUOIS	FLASHING LIGHTS	1285	6	3.75	25	1	1	2	0.052	5	0	0.035	0.018
197697W	34460	SD	KINGSBURY	OTTAWA ST	IROQUOIS	PASSIVE	613	6	4	20	2	1	2	0.052	5	0	0.034	0.025
197698D	34470	SD	KINGSBURY	QUAPAW ST	IROQUOIS	PASSIVE	230	6	4	20	2	2	2	0.020	5	0	0.015	0.011
197471K	034490	SD	KINGSBURY	418TH AVE/SIOUX ST	IROQUOIS	FLASHING LIGHTS	157	6	4	20	1	1	2	0.022	5	0	0.016	0.009
197473Y	034690	SD	BEADLE	416TH AVE	IROQUOIS	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197474F	034790	SD	BEADLE	415TH AVE	IROQUOIS	PASSIVE	42	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197455B	034890	SD	BEADLE	414TH AVE	IROQUOIS	PASSIVE	10	6	4	35	1	2	2	0.007	5	0	0.005	0.004
197887A	034990	SD	BEADLE	413TH AVE	CAVOUR	PASSIVE	95	6	4	35	1	2	2	0.016	5	0	0.012	0.009
197701J	35080	SD	BEADLE	412TH AVE	CAVOUR	PASSIVE	35	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197702R	35180	SD	BEADLE	411TH AVE	CAVOUR	PASSIVE	19	6	4	35	1	2	2	0.009	5	0	0.007	0.005
197703X	35280	SD	BEADLE	410TH AVE	CAVOUR	PASSIVE	35	6	4	35	1	2	2	0.011	5	0	0.009	0.006
197704E	035380	SD	BEADLE	409TH AVE	CAVOUR	PASSIVE	188	6	4	35	1	1	2	0.038	5	0	0.026	0.019
197706T	035480	SD	BEADLE	408TH AVE	CAVOUR	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197707A	35580	SD	BEADLE	407TH AVE	CAVOUR	PASSIVE	15	6	4	35	1	2	2	0.008	5	0	0.006	0.005
197708G	035680	SD	BEADLE	406TH AVE	HURON	PASSIVE	37	6	4	35	1	2	2	0.011	5	0	0.009	0.006

Pre-Construction Accident Prediction Summary
South Dakota 50 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
197710H	035780	SD	BEADLE	405TH AVE	HURON	PASSIVE	44	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197711P	035880	SD	BEADLE	404TH AVE	HURON	PASSIVE	40	6	4	35	1	2	2	0.012	5	0	0.009	0.006
197891P	035980	SD	BEADLE	403RD AVE	HURON	PASSIVE	45	6	4	35	1	2	2	0.012	5	0	0.009	0.007
197890H	036080	SD	BEADLE	CUSTER AVE	HURON	FLASHING LIGHTS	45	6	4	20	1	1	2	0.013	5	0	0.010	0.005
189696U	36220	SD	BEADLE	SIMMONS AVE	HURON	PASSIVE	545	6	4	30	1	1	2	0.054	5	1	0.104	0.074
189698H	36280	SD	BEADLE	DAKOTA AVE	HURON	FLASHING LIGHTS	11030	6	4	30	3	1	4	0.267	5	0	0.103	0.055
Segment 9 Wolsey to Huron MP 362.8 to 376.1																		
189701N	36380	SD	BEADLE	LINCOLN AVE	HURON	FLASHING LIGHTS	5290	6	4	30	5	1	2	0.201	5	0	0.089	0.047
189702V	036470	SD	BEADLE	US HWY 14	HURON	FLASHING LIGHTS	2137	6	4	30	1	1	4	0.093	5	1	0.137	0.073
189703C	36480	SD	BEADLE	W PARK AVE	HURON	PASSIVE	125	6	4	30	1	2	2	0.017	5	0	0.013	0.009
189704J	36590	SD	BEADLE	397TH AVE	HURON	PASSIVE	40	6	4	30	1	1	2	0.020	5	0	0.015	0.011
189705R	36690	SD	BEADLE	396TH AVE	HURON	PASSIVE	29	6	4	30	2	2	1	0.010	5	0	0.008	0.006
189706X	036800	SD	BEADLE	395TH AVE	HURON	PASSIVE	20	6	4	30	1	2	1	0.009	5	0	0.007	0.005
189707E	36900	SD	BEADLE	394TH AVE	WOLSEY	PASSIVE	305	6	4	30	1	1	2	0.043	5	2	0.157	0.112
189708L	37000	SD	BEADLE	393RD AVE	WOLSEY	PASSIVE	35	6	4	30	1	2	2	0.011	5	0	0.008	0.006
189710M	37100	SD	BEADLE	392ND AVE	WOLSEY	PASSIVE	20	6	4	30	1	2	1	0.009	5	0	0.007	0.005
189712B	37320	SD	BEADLE	390TH AVE	WOLSEY	PASSIVE	19	6	4	30	1	2	2	0.009	5	0	0.007	0.005
189713H	37480	SD	BEADLE	389TH AVE	WOLSEY	PASSIVE	3	6	4	30	1	2	1	0.004	5	0	0.003	0.002
Segment 10 Midland to Wolsey MP 376.1 to 533.2																		
189716D	37620	SD	BEADLE	COMMERCIAL AVE	WOLSEY	FLASHING LIGHTS	2671	4	3	30	3	1	2	0.084	5	1	0.130	0.069
189717K	37630	SD	BEADLE	387TH AVE	WOLSEY	PASSIVE	200	4	3	30	2	2	1	0.016	5	0	0.012	0.009
189718S	37730	SD	BEADLE	386TH AVE	WOLSEY	PASSIVE	27	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189720T	37930	SD	BEADLE	384TH AVE	WOLSEY	PASSIVE	24	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189722G	38040	SD	BEADLE	383RD AVE	WOLSEY	PASSIVE	15	4	3	30	1	2	2	0.006	5	0	0.005	0.004
189724V	38140	SD	BEADLE	382ND AVE	WESSINGTON	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189726J	038350	SD	BEADLE	378TH AVE	WESSINGTON	PASSIVE	12	4	3	30	1	2	1	0.006	5	0	0.005	0.003
189728X	38550	SD	BEADLE	376TH AVE	WESSINGTON	PASSIVE	20	4	3	30	1	2	2	0.007	5	0	0.005	0.004
189730Y	38650	SD	BEADLE	375TH AVE	WESSINGTON	PASSIVE	25	4	3	30	1	2	2	0.008	5	0	0.006	0.004
189731F	038750	SD	BEADLE	WESSINGTON ST	WESSINGTON	PASSIVE	952	4	3	30	2	1	2	0.053	5	1	0.103	0.074
189732M	38770	SD	BEADLE	374TH AVE	WESSINGTON	PASSIVE	464	4	3	30	2	1	2	0.041	5	0	0.028	0.020
189734B	38880	SD	HAND	373RD AVE	WESSINGTON	PASSIVE	14	4	3	30	1	2	1	0.006	5	0	0.005	0.003
189736P	39000	SD	HAND	372ND AVE	WESSINGTON	PASSIVE	9	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189738D	39110	SD	HAND	371ST AVE	WESSINGTON	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189740E	39220	SD	HAND	370TH AVE	WESSINGTON	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189742T	39340	SD	HAND	369TH AVE	ST LAWRENCE	PASSIVE	120	4	3	30	1	1	2	0.025	5	0	0.018	0.013
189744G	039560	SD	HAND	367TH AVE	ST LAWRENCE	PASSIVE	1	4	3	30	1	2	1	0.002	5	0	0.002	0.001
189746V	039670	SD	HAND	366TH AVE	ST LAWRENCE	PASSIVE	25	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189747C	39760	SD	HAND	365TH AVE	ST LAWRENCE	PASSIVE	1	4	3	30	1	2	1	0.002	5	0	0.002	0.001
189748J	39860	SD	HAND	364TH AVE	ST LAWRENCE	PASSIVE	4	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189749R	39960	SD	HAND	363RD AVE	ST LAWRENCE	PASSIVE	115	4	3	30	1	1	2	0.024	5	0	0.018	0.013
189751S	40030	SD	HAND	MAPLE ST	ST LAWRENCE	PASSIVE	164	4	3	30	2	2	2	0.015	5	0	0.012	0.008
189752Y	040040	SD	HAND	COMMERCIAL AVE	ST LAWRENCE	GATES	166	4	3	30	2	2	2	0.015	5	1	0.061	0.030
189754M	40160	SD	HAND	361ST AVE	GRENVILLE	PASSIVE	25	4	3	30	1	2	1	0.008	5	0	0.006	0.004
189755U	40260	SD	HAND	3RD ST	MILLER	PASSIVE	400	4	3	30	2	1	2	0.039	5	0	0.027	0.019
189756B	040290	SD	HAND	BROADWAY/HWY 47	MILLER	FLASHING LIGHTS	2505	4	3	30	3	1	2	0.082	5	0	0.049	0.026
189757H	40310	SD	HAND	3RD AVE W	MILLER	PASSIVE	204	4	3	30	1	2	1	0.017	5	0	0.012	0.009
189758P	40360	SD	HAND	359TH AVE	MILLER	PASSIVE	14	4	3	30	1	2	1	0.006	5	0	0.005	0.003
189759W	40460	SD	HAND	358TH AVE	MILLER	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189760R	40560	SD	HAND	357TH AVE	MILLER	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002

Pre-Construction Accident Prediction Summary
South Dakota 50 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	ADT c	TRNS PER DAY t	NO. THRU TRNS/DAY DAYLIGHT d	MAX. TT SPEED (MPH)	NO. MAIN TRKS	HWY PAVED YES=1 NO=2	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1993-1997 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
189761X	40660	SD	HAND	356TH AVE	MILLER	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189762E	40750	SD	HAND	355TH AVE	MILLER	PASSIVE	49	4	3	30	1	2	1	0.010	5	0	0.008	0.005
189763L	40860	SD	HAND	354TH AVE	REE HEIGHTS	PASSIVE	3	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189765A	41060	SD	HAND	352ND AVE	REE HEIGHTS	PASSIVE	5	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189767N	41260	SD	HAND	350TH AVE	REE HEIGHTS	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189768V	41330	SD	HAND	DAKOTA AVE	REE HEIGHTS	FLASHING LIGHTS	508	4	3	30	2	1	2	0.035	5	0	0.025	0.013
189769C	041360	SD	HAND	LINCOLN AVE	REE HEIGHTS	PASSIVE	5	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189770W	41550	SD	HAND	347TH AVE	REE HEIGHTS	PASSIVE	2	4	3	30	1	2	1	0.003	5	0	0.002	0.002
189771D	041660	SD	HAND	346TH AVE	REE HEIGHTS	PASSIVE	7	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189772K	041830	SD	HAND	344TH AVE	REE HEIGHTS	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189775F	42120	SD	HYDE	341ST AVE/CO RD 959	HIGHMORE	PASSIVE	115	4	3	30	1	2	9	0.013	5	0	0.010	0.007
189776M	042230	SD	HYDE	340TH AVE	HIGHMORE	PASSIVE	1	4	3	30	1	2	1	0.002	5	0	0.002	0.001
189780C	42420	SD	HYDE	338TH AVE	HIGHMORE	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189781J	042500	SD	HYDE	COMMERCIAL	HIGHMORE	GATES	272	4	3	30	3	2	2	0.021	5	1	0.068	0.033
189782R	42520	SD	HYDE	IOWA AVE	HIGHMORE	GATES	1543	4	3	30	4	1	2	0.040	5	0	0.028	0.014
189784E	42620	SD	HYDE	336TH AVE	HIGHMORE	PASSIVE	8	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189786T	42820	SD	HYDE	334TH AVE	HIGHMORE	PASSIVE	6	4	3	30	1	2	2	0.005	5	0	0.004	0.003
189787A	42920	SD	HYDE	333RD AVE/CO RD 961	HIGHMORE	PASSIVE	36	4	3	30	1	2	2	0.009	5	0	0.007	0.005
189789N	43120	SD	HYDE	330TH AVE	HIGHMORE	PASSIVE	10	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189791P	43290	SD	HYDE	OAK ST	HIGHMORE	PASSIVE	21	4	3	30	1	2	1	0.007	5	0	0.006	0.004
189792W	043320	SD	HYDE	328TH AVE/CO RD 649	HIGHMORE	PASSIVE	80	4	3	30	1	1	2	0.021	5	0	0.016	0.011
189793D	43420	SD	HYDE	327TH AVE	HIGHMORE	PASSIVE	3	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189795S	43520	SD	HYDE	326TH AVE	HIGHMORE	PASSIVE	3	4	3	30	1	2	1	0.004	5	0	0.003	0.002
189797F	043620	SD	HYDE	325TH AVE	HIGHMORE	PASSIVE	7	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189799U	043820	SD	HUGHES	323RD AVE	HARROLD	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189800L	043920	SD	HUGHES	322ND AVE	HARROLD	PASSIVE	20	4	3	30	1	2	1	0.007	5	0	0.005	0.004
189801T	43990	SD	HUGHES	WYMAN AVE	HARROLD	FLASHING LIGHTS	300	4	3	30	3	1	2	0.034	5	3	0.202	0.107
189802A	044020	SD	HUGHES	321ST AVE	HARROLD	PASSIVE	145	4	3	30	1	1	2	0.027	5	0	0.019	0.014
189805V	44320	SD	HUGHES	318TH AVE	HARROLD	PASSIVE	35	4	3	30	1	2	1	0.009	5	0	0.007	0.005
189809X	044720	SD	HUGHES	314TH AVE	BLUNT	PASSIVE	35	4	3	30	1	2	2	0.009	5	0	0.007	0.005
189810S	44920	SD	HUGHES	312TH AVE	BLUNT	PASSIVE	16	4	3	30	1	2	1	0.006	5	0	0.005	0.004
189812F	45130	SD	HUGHES	310TH AVE		PASSIVE	9	4	3	30	1	2	1	0.005	5	0	0.004	0.003
189813M	45220	SD	HUGHES	309TH AVE	BLUNT	PASSIVE	9	4	3	30	2	2	2	0.005	5	0	0.004	0.003
189816H	045330	SD	HUGHES	CANNING RD	BLUNT	PASSIVE	153	4	3	30	1	1	2	0.027	5	0	0.020	0.014
189822L	046110	SD	HUGHES	CHELSEY RD	BLUNT	PASSIVE	82	4	3	30	1	2	2	0.012	5	0	0.009	0.006
189839P	47790	SD	HUGHES	FARM ISLAND RD	PIERRE	PASSIVE	80	4	3	30	1	1	2	0.021	5	0	0.016	0.011
189840J	47840	SD	HUGHES	UPS RD	PIERRE	PASSIVE	30	4	3	30	1	1	2	0.015	5	0	0.011	0.008
189841R	47890	SD	HUGHES	RECREATIONAL/ GOLF	PIERRE	PASSIVE	1	4	2.5	30	1	1	2	0.004	5	0	0.003	0.002
189842X	47950	SD	HUGHES	LOWELL RD	PIERRE	PASSIVE	1000	4	3	30	2	1	2	0.054	5	0	0.036	0.026
189843E	48000	SD	HUGHES	INDUSTRIAL	PIERRE	PASSIVE	3798	4	3	30	2	1	2	0.089	5	0	0.052	0.038
189844L	48050	SD	HUGHES	HARRISON	PIERRE	PASSIVE	100	4	3	30	2	1	2	0.023	5	1	0.070	0.050
189845T	48070	SD	HUGHES	MONROE	PIERRE	PASSIVE	1560	4	3	30	2	1	2	0.064	5	0	0.041	0.029
189846A	48110	SD	HUGHES	HWY 14/ 34	PIERRE	FLASHING LIGHTS	19755	4	3	30	2	1	4	0.227	5	0	0.095	0.050
189847G	48140	SD	HUGHES	REE ST	PIERRE	PASSIVE	1020	4	3	30	1	1	2	0.055	5	0	0.036	0.026
189848N	48160	SD	HUGHES	HIGHLAND AVE	PIERRE	FLASHING LIGHTS	6045	4	3	30	1	1	2	0.080	5	0	0.048	0.026
189850P	48190	SD	HUGHES	CENTRAL ST	PIERRE	FLASHING LIGHTS	6365	4	3	30	1	1	2	0.082	5	0	0.049	0.026
189851W	48220	SD	HUGHES	POPLAR	PIERRE	FLASHING LIGHTS	1149	4	2.5	30	1	1	2	0.040	5	0	0.028	0.015
189856F	48350	SD	STANLEY	HWY 14/ 34	FORT PIERRE	FLASHING LIGHTS	3500	4	3	30	1	1	2	0.064	5	0	0.041	0.022
189857M	48370	SD	STANLEY	STANLEY RD	FORT PIERRE	PASSIVE	50	4	3	30	1	2	2	0.010	5	0	0.008	0.005
189858U	048410	SD	STANLEY	7TH AVE/SALEBARN R	FORT PIERRE	PASSIVE	392	4	3	30	2	2	2	0.021	5	1	0.068	0.049
189859B	48430	SD	STANLEY	FIFTH AVE	FORT PIERRE	PASSIVE	211	4	3	30	2	2	2	0.017	5	0	0.013	0.009
189860V	48450	SD	STANLEY	SECOND AVE	FORT PIERRE	PASSIVE	756	4	3	30	1	1	2	0.049	5	0	0.033	0.023
189861C	048460	SD	STANLEY	MAIN AVE	FORT PIERRE	PASSIVE	3136	4	3	30	1	1	2	0.083	5	0	0.050	0.036
189862J	48490	SD	STANLEY	PARK	FORT PIERRE	PASSIVE	406	4	3	30	1	2	2	0.021	5	0	0.016	0.011