Rochester Existing Rail Line

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Pre-Construction Accident Prediction Summary
Rochester Existing Alignment-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
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	2	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 20MNT
Alternati ve 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
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	11	7	49	2	1	2	0.116	5	0	0.063	0.033
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	11	7	49	2	2	2	0.020	5	0	0.015	0.010
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	11	7	49	2	2	2	0.016	5	0	0.012	0.009
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	11	7	49	1	2	2	0.025	5	0	0.018	0.013
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	11	7	49	1	1	2	0.080	5	0	0.048	0.035
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	11	7	49	1	1	2	0.044	5	0	0.030	0.021
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	11	7	49	1	1	2	0.038	5	0	0.026	0.013
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	11	7	49	2	1	2	0.126	5	0	0.067	0.035
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	11	7	49	2	1	2	0.179	5	0	0.083	0.044
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	11	7	49	1	1	2	0.063	5	0	0.040	0.021
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	11	7	49	1	1	2	0.171	5	0	0.081	0.043
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	11	7	49	1	1	2	0.103	5	0	0.058	0.042
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	11	7	49	2	1	4	0.106	5	0	0.059	0.029
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	11	7	49	1	1	4	0.124	5	1	0.159	0.078
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	11	7	49	2	1	4	0.088	5	0	0.052	0.026
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	11	7	49	2	1	4	0.100	5	0	0.057	0.028
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	11	7	49	1	1	4	0.161	5	0	0.078	0.041
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	11	7	49	1	1	2	0.059	5	0	0.038	0.020
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	11	7	49	2	1	4	0.117	5	0	0.064	0.031
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	11	7	49	1	1	2	0.142	5	0	0.073	0.038
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	11	7	49	2	1	2	0.109	5	0	0.061	0.032
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	11	7	49	1	1	2	0.057	5	0	0.037	0.020
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	11	7	49	1	2	2	0.018	5	0	0.014	0.007
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	11	7	49	1	1	4	0.147	5	0	0.074	0.039
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	11	7	49	1	1	4	0.171	5	0	0.081	0.043
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	11	7	49	1	1	2	0.036	5	0	0.025	0.013
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	11	7	49	2	2	2	0.025	5	0	0.018	0.013

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 20 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	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					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.033	B	0.016	62	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.010	B	0.006	173	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.009	B	0.005	206	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.013	B	0.007	138	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.035	B	0.017	59	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.021	B	0.011	91	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.013	B	0.005	185	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.035	B	0.017	59	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.044	B	0.020	51	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.021	B	0.009	108	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.043	B	0.016	64	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.042	B	0.022	46	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.019	0.029	B	0.011	93	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.078	B	0.021	48	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.026	B	0.010	103	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.028	B	0.010	96	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.041	B	0.015	66	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.020	B	0.009	113	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.031	B	0.011	89	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.038	B	0.015	69	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.032	B	0.016	64	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.020	B	0.009	116	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.007	B	0.003	343	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.039	B	0.015	68	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.043	B	0.016	64	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.007	0.013	B	0.006	163	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.013	B	0.007	143	NO	NO
							Total	1	0.458	0.781		0.32256	3	Number of crossings	
							Minimum		0.004	0.007		0.00292	343	In the County =	27
							Maximum		0.057	0.078		0.02161	46		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 20 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
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	2	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 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
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	11	7	49	1	1	2	0.095	5	0	0.055	0.029
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	11	7	49	2	2	2	0.020	5	0	0.015	0.010
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	11	7	49	2	2	2	0.016	5	0	0.012	0.009
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	11	7	49	1	2	2	0.025	5	0	0.018	0.013
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	11	7	49	1	1	2	0.080	5	0	0.048	0.035
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	11	7	49	1	1	2	0.044	5	0	0.030	0.021
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	11	7	49	1	1	2	0.038	5	0	0.026	0.013
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	11	7	49	1	1	2	0.104	5	0	0.059	0.031
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	11	7	49	1	1	2	0.147	5	0	0.074	0.039
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	11	7	49	1	1	2	0.063	5	0	0.040	0.021
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	11	7	49	1	1	2	0.171	5	0	0.081	0.043
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	11	7	49	1	1	2	0.103	5	0	0.058	0.042
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	11	7	49	2	1	4	0.106	5	0	0.059	0.029
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	11	7	49	1	1	4	0.124	5	1	0.159	0.078
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	11	7	49	2	1	4	0.088	5	0	0.052	0.026
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	11	7	49	2	1	4	0.100	5	0	0.057	0.028
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	11	7	49	1	1	4	0.161	5	0	0.078	0.041
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	11	7	49	1	1	2	0.059	5	0	0.038	0.020
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	11	7	49	2	1	4	0.117	5	0	0.064	0.031
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	11	7	49	1	1	2	0.142	5	0	0.073	0.038
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	11	7	49	1	1	2	0.090	5	0	0.053	0.028
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	11	7	49	1	1	2	0.057	5	0	0.037	0.020
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	11	7	49	1	2	2	0.018	5	0	0.014	0.007
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	11	7	49	1	1	4	0.147	5	0	0.074	0.039
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	11	7	49	1	1	4	0.171	5	0	0.081	0.043
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	11	7	49	1	1	2	0.036	5	0	0.025	0.013
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	11	7	49	1	2	2	0.025	5	0	0.018	0.013

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 20 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY		EXISTING DEVICE	PROPOSED DEVICE	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					
Rochester Existing Alignment MP 37.5 to 61.1																
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.029	B	0.012	83	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	XB	PASSIVE	PASSIVE	0	0.005	0.010	B	0.006	173	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	XB	PASSIVE	PASSIVE	0	0.004	0.009	B	0.005	206	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	XB	PASSIVE	PASSIVE	0	0.006	0.013	B	0.007	138	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	XB	PASSIVE	PASSIVE	0	0.018	0.035	B	0.017	59	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	XB	PASSIVE	PASSIVE	0	0.010	0.021	B	0.011	91	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GT	GATES	GATES	0	0.008	0.013	B	0.005	185	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.031	B	0.013	80	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.039	B	0.015	68	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.021	B	0.009	108	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.043	B	0.016	64	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	XB	PASSIVE	PASSIVE	0	0.020	0.042	B	0.022	46	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	FL	GATES	GATES	0	0.019	0.029	B	0.011	93	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	FL	GATES	GATES	1	0.057	0.078	B	0.021	48	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GT	GATES	GATES	0	0.016	0.026	B	0.010	103	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GT	GATES	GATES	0	0.018	0.028	B	0.010	96	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.041	B	0.015	66	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	WW	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.020	B	0.009	113	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GT	GATES	GATES	0	0.020	0.031	B	0.011	89	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.038	B	0.015	69	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	XB	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.028	B	0.012	86	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.020	B	0.009	116	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GT	GATES	GATES	0	0.004	0.007	B	0.003	343	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.039	B	0.015	68	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.043	B	0.016	64	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FL	FLASHING LIGHTS	FLASHING LIGHTS	0	0.007	0.013	B	0.006	163	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	XB	PASSIVE	PASSIVE	0	0.006	0.013	B	0.007	143	NO	NO
								Total	1	0.458	0.763		0.30501	3	Number of crossings	
								Minimum		0.004	0.007		0.00292	343	in the County =	27
								Maximum		0.057	0.078		0.02161	46		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 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
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	2	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 20 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
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	11	7	49	1	1	2	0.095	5	0	0.055	0.029
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	11	7	49	1	2	2	0.020	5	0	0.015	0.010
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	11	7	49	1	2	2	0.016	5	0	0.012	0.009
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	11	7	49	2	2	2	0.025	5	0	0.018	0.013
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	11	7	49	2	1	2	0.080	5	0	0.048	0.035
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	11	7	49	2	1	2	0.044	5	0	0.030	0.021
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	11	7	49	2	1	2	0.044	5	0	0.030	0.015
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	11	7	49	1	1	2	0.104	5	0	0.059	0.031
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	11	7	49	1	1	2	0.147	5	0	0.074	0.039
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	11	7	49	1	1	2	0.063	5	0	0.040	0.021
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	11	7	49	1	1	2	0.171	5	0	0.081	0.043
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	11	7	49	1	1	2	0.103	5	0	0.058	0.042
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	11	7	49	2	1	4	0.106	5	0	0.059	0.029
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	11	7	49	1	1	4	0.124	5	1	0.159	0.078
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	11	7	49	2	1	4	0.088	5	0	0.052	0.026
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	11	7	49	2	1	4	0.100	5	0	0.057	0.028
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	11	7	49	1	1	4	0.161	5	0	0.078	0.041
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	11	7	49	1	1	2	0.059	5	0	0.038	0.020
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	11	7	49	2	1	4	0.117	5	0	0.064	0.031
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	11	7	49	1	1	2	0.142	5	0	0.073	0.038
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	11	7	49	2	1	2	0.109	5	0	0.061	0.032
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	11	7	49	1	1	2	0.057	5	0	0.037	0.020
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	11	7	49	1	2	2	0.018	5	0	0.014	0.007
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	11	7	49	1	1	4	0.147	5	0	0.074	0.039
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	11	7	49	1	1	4	0.171	5	0	0.081	0.043
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	11	7	49	1	1	2	0.036	5	0	0.025	0.013
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	11	7	49	2	2	2	0.025	5	0	0.018	0.013

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 20 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	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					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.029	B	0.012	83	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.010	B	0.006	173	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.009	B	0.005	206	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.013	B	0.007	138	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.035	B	0.017	59	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.021	B	0.011	91	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.015	B	0.007	139	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.031	B	0.013	80	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.039	B	0.015	68	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.021	B	0.009	108	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.043	B	0.016	64	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.042	B	0.022	46	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.019	0.029	B	0.011	93	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.078	B	0.021	48	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.026	B	0.010	103	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.028	B	0.010	96	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.041	B	0.015	66	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.020	B	0.009	113	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.031	B	0.011	89	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.038	B	0.015	69	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.032	B	0.016	64	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.020	B	0.009	116	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.007	B	0.003	343	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.039	B	0.015	68	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.043	B	0.016	64	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.007	0.013	B	0.006	163	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.013	B	0.007	143	NO	NO
							Total	1	0.458	0.769		0.31093	3	Number of crossings	
							Minimum		0.004	0.007		0.00292	343	in the County =	27
							Maximum		0.057	0.078		0.02161	46		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 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 1992-1996 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193228G	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	FLASHING LIGHTS	825	3	2	5	2	1	2	0.037	5	0	0.026	0.014
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	2	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 50 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT TANT 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 1992-1996 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	21	13	49	2	1	2	0.162	5	0	0.079	0.042
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	21	13	49	2	2	2	0.028	5	0	0.020	0.014
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	21	13	49	2	2	2	0.023	5	0	0.017	0.012
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	21	13	49	1	1	2	0.114	5	0	0.063	0.045
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	21	13	49	1	1	2	0.062	5	0	0.040	0.029
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	21	13	49	1	1	2	0.052	5	0	0.034	0.017
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	21	13	49	2	1	2	0.176	5	0	0.083	0.044
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	21	13	49	2	1	2	0.250	5	0	0.100	0.053
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	21	13	49	1	1	2	0.089	5	0	0.052	0.028
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	21	13	49	1	1	2	0.240	5	0	0.098	0.052
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	21	13	49	1	1	2	0.146	5	0	0.074	0.053
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	21	13	49	2	1	4	0.143	5	0	0.073	0.036
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	21	13	49	1	1	4	0.167	5	1	0.184	0.091
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	21	13	49	2	1	4	0.119	5	0	0.065	0.032
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	21	13	49	2	1	4	0.135	5	0	0.070	0.034
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	21	13	49	1	1	4	0.225	5	0	0.095	0.050
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	21	13	49	1	1	2	0.083	5	0	0.050	0.026
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	21	13	49	2	1	4	0.158	5	0	0.078	0.038
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	21	13	49	1	1	2	0.200	5	0	0.089	0.047
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	21	13	49	2	1	2	0.153	5	0	0.076	0.040
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	21	13	49	1	1	2	0.080	5	0	0.049	0.026
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	21	13	49	1	2	2	0.025	5	0	0.018	0.009
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	21	13	49	1	1	4	0.206	5	0	0.090	0.048
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	21	13	49	1	1	4	0.239	5	0	0.098	0.052
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	21	13	49	1	1	2	0.051	5	0	0.034	0.018
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	21	13	49	2	2	2	0.036	5	0	0.025	0.018

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 50 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	NO. OBSERVED ACCIDENTS 1992-1996 N	Estimated Annual Accident Frequency		Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
									Pre-Construction	Post-Construction					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.042	B	0.024	41	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.014	B	0.010	103	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.012	B	0.008	121	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.018	B	0.012	83	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.045	B	0.027	37	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.029	B	0.018	55	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.017	B	0.009	108	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.044	B	0.025	40	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.053	B	0.028	35	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.028	B	0.016	64	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.052	B	0.024	41	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.053	B	0.033	31	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.014	0.036	B	0.022	45	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.091	B	0.033	30	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.032	B	0.016	63	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.034	B	0.017	59	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.050	B	0.024	42	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.026	B	0.015	67	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.038	B	0.018	55	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.047	B	0.023	43	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.040	B	0.024	42	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.026	B	0.015	68	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.009	B	0.005	197	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.048	B	0.023	43	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.052	B	0.024	41	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.007	0.018	B	0.011	94	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.018	B	0.012	84	NO	NO
							Total	**1**	**0.453**	**0.970**		**0.51706**	**2**	Number of crossings	
							Minimum		**0.004**	**0.009**		**0.00508**	**197**	In the County =	**27**
							Maximum		**0.057**	**0.091**		**0.03323**	**30**		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 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 1992-1996 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193228G	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	FLASHING LIGHTS	825	3	2	5	2	1	2	0.037	5	0	0.026	0.014
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	2	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 50 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	ADT TANT 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 1992-1996 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	21	13	49	1	1	2	0.134	5	0	0.070	0.037
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	21	13	49	2	2	2	0.028	5	0	0.020	0.014
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	21	13	49	2	2	2	0.023	5	0	0.017	0.012
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	21	13	49	1	1	2	0.114	5	0	0.063	0.045
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	21	13	49	1	1	2	0.062	5	0	0.040	0.029
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	21	13	49	1	1	2	0.052	5	0	0.034	0.017
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	21	13	49	1	1	2	0.146	5	0	0.074	0.039
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	21	13	49	1	1	2	0.207	5	0	0.090	0.048
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	21	13	49	1	1	2	0.089	5	0	0.052	0.028
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	21	13	49	1	1	2	0.240	5	0	0.098	0.052
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	21	13	49	1	1	2	0.146	5	0	0.074	0.053
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	21	13	49	2	1	4	0.143	5	0	0.073	0.036
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	21	13	49	1	1	4	0.167	5	1	0.184	0.091
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	21	13	49	2	1	4	0.119	5	0	0.065	0.032
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	21	13	49	2	1	4	0.135	5	0	0.070	0.034
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	21	13	49	1	1	4	0.225	5	0	0.095	0.050
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	21	13	49	1	1	2	0.083	5	0	0.050	0.026
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	21	13	49	2	1	4	0.158	5	0	0.078	0.038
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	21	13	49	1	1	2	0.200	5	0	0.089	0.047
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	21	13	49	1	1	2	0.126	5	0	0.067	0.035
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	21	13	49	1	1	2	0.080	5	0	0.049	0.026
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	21	13	49	1	2	2	0.025	5	0	0.018	0.009
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	21	13	49	1	1	4	0.206	5	0	0.090	0.048
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	21	13	49	1	1	4	0.239	5	0	0.098	0.052
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	21	13	49	1	1	2	0.051	5	0	0.034	0.018
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 50MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	NO. OBSERVED ACCIDENTS 1992-1996 N	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
									Pre-Construction	Post-Construction					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.037	B	0.020	51	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.014	B	0.010	103	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.012	B	0.008	121	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.018	B	0.012	83	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.045	B	0.027	37	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.029	B	0.018	55	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.017	B	0.009	108	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.039	B	0.020	49	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.048	B	0.023	43	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.028	B	0.016	64	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.052	B	0.024	41	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.053	B	0.033	31	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.014	0.036	B	0.022	45	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.091	B	0.033	30	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.032	B	0.016	63	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.034	B	0.017	59	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.050	B	0.024	42	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.026	B	0.015	67	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.038	B	0.018	55	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.047	B	0.023	43	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.035	B	0.019	53	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.026	B	0.015	68	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.009	B	0.005	197	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.048	B	0.023	43	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.052	B	0.024	41	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.007	0.018	B	0.011	94	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.018	B	0.012	84	NO	NO
							Total	1	0.453	0.951		0.49780	2	Number of crossings	
							Minimum		0.004	0.009		0.00508	197	in the County =	27
							Maximum		0.057	0.091		0.03323	30		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 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)	MAX. TT SPEED FACTOR MS	NO. MAIN TRKS	MAIN TRKS FACTOR MT	HWY PAVED YES=1 NO=2	HWY PAVED FACTOR HP	NO. HWY LANES	BASIC FORMULA INITIAL (ACCIDENTS/YR) a	NO. YRS T	NO. OBSERVED ACCIDENTS 1992-1996 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Rochester Existing Alignment MP 37.5 to 61.1																					
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1.000	1	1.211	1	1.000	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1.260	1	1.000	2	0.551	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1.260	1	1.000	2	0.551	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1.260	2	1.000	2	0.551	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1.309	2	1.000	1	1.000	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1.309	2	1.000	1	1.000	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1.000	2	1.353	1	1.000	2	0.024	5	0	0.018	0.009
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1.000	1	1.211	1	1.000	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1.000	1	1.211	1	1.000	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1.000	1	1.211	1	1.000	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1.000	1	1.211	1	1.000	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1.166	1	1.000	1	1.000	2	0.041	5	0	0.028	0.020
193228G	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	FLASHING LIGHTS	825	3	2	5	1.000	2	1.467	1	1.000	2	0.037	5	0	0.026	0.014
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	1.000	2	1.353	1	1.000	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1.000	1	1.163	1	1.000	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	1.000	2	1.353	1	1.000	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	1.000	2	1.353	1	1.000	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1.000	1	1.211	1	1.000	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1.000	1	1.211	1	1.000	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	1.000	2	1.353	1	1.000	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1.000	1	1.211	1	1.000	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1.000	2	1.467	1	1.000	2	0.056	5	0	0.036	0.019
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1.000	1	1.211	1	1.000	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	2	35	1.000	1	1.163	2	1.000	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1.000	1	1.211	1	1.000	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1.000	1	1.211	1	1.000	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1.000	1	1.211	1	1.000	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1.309	2	1.000	2	0.551	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 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 1992-1996 N	PREDICTED ACCIDENTS PER YR B	Estimated Annual Accident Frequency A
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	21	13	49	1	1	2	0.134	5	0	0.070	0.037
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	21	13	49	1	2	2	0.028	5	0	0.020	0.014
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	21	13	49	1	2	2	0.023	5	0	0.017	0.012
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	21	13	49	1	1	2	0.114	5	0	0.063	0.045
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	21	13	49	1	1	2	0.062	5	0	0.040	0.029
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	21	13	49	1	1	2	0.052	5	0	0.034	0.017
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	21	13	49	1	1	2	0.146	5	0	0.074	0.039
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	21	13	49	1	1	2	0.207	5	0	0.090	0.048
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	21	13	49	1	1	2	0.089	5	0	0.052	0.028
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	21	13	49	1	1	2	0.240	5	0	0.098	0.052
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	21	13	49	1	1	2	0.146	5	0	0.074	0.053
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	21	13	49	2	1	4	0.143	5	0	0.073	0.036
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	21	13	49	1	1	4	0.167	5	1	0.184	0.091
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	21	13	49	2	1	4	0.119	5	0	0.065	0.032
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	21	13	49	2	1	4	0.135	5	0	0.070	0.034
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	21	13	49	1	1	4	0.225	5	0	0.095	0.050
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	21	13	49	1	1	2	0.083	5	0	0.050	0.026
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	21	13	49	2	1	4	0.158	5	0	0.078	0.038
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	21	13	49	1	1	2	0.200	5	0	0.089	0.047
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	21	13	49	1	1	2	0.126	5	0	0.067	0.035
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	21	13	49	1	1	2	0.080	5	0	0.049	0.026
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	21	13	49	1	2	2	0.025	5	0	0.018	0.009
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	21	13	49	1	1	4	0.206	5	0	0.090	0.048
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	21	13	49	1	1	4	0.239	5	0	0.098	0.052
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	21	13	49	1	1	2	0.051	5	0	0.034	0.018
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	21	13	49	1	2	2	0.036	5	0	0.025	0.018

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 50 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	NO. OBSERVED ACCIDENTS 1992-1996 N	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
									Pre-Construction	Post-Construction					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.037	B	0.020	51	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.014	B	0.010	103	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.012	B	0.008	121	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.018	B	0.012	83	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.045	B	0.027	37	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.029	B	0.018	55	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.009	0.017	B	0.008	123	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.039	B	0.020	49	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.048	B	0.023	43	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.028	B	0.016	64	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.052	B	0.024	41	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.053	B	0.033	31	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.014	0.036	B	0.022	45	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.091	B	0.033	30	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.032	B	0.016	63	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.034	B	0.017	59	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.050	B	0.024	42	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.026	B	0.015	67	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.038	B	0.018	55	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.047	B	0.023	43	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.035	B	0.016	62	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.026	B	0.015	68	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.009	B	0.005	197	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.048	B	0.023	43	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.052	B	0.024	41	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.007	0.018	B	0.011	94	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.018	B	0.012	84	NO	NO
							Total	1	0.457	0.951		0.49383	2	Number of crossings	
							Minimum		0.004	0.009		0.00508	197	in the County =	27
							Maximum		0.057	0.091		0.03323	30		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 100 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
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	1.875	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 100 MNT
Alternative B

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
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	37	23	49	2	1	2	0.218	5	0	0.093	0.049
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	37	23	49	2	2	2	0.038	5	0	0.026	0.019
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	37	23	49	2	2	2	0.032	5	0	0.022	0.016
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	37	23	49	1	2	2	0.049	5	0	0.033	0.024
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	37	23	49	1	1	2	0.155	5	0	0.076	0.055
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	37	23	49	1	1	2	0.085	5	0	0.051	0.036
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	37	23	49	1	1	2	0.067	5	0	0.042	0.021
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	37	23	49	2	1	2	0.237	5	0	0.097	0.052
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	37	23	49	2	1	2	0.336	5	0	0.115	0.061
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	37	23	49	1	1	2	0.119	5	0	0.065	0.034
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	37	23	49	1	1	2	0.322	5	0	0.113	0.060
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	37	23	49	1	1	2	0.199	5	0	0.089	0.064
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	37	23	49	2	1	4	0.187	5	0	0.086	0.042
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	37	23	49	1	1	4	0.218	5	1	0.208	0.102
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	37	23	49	2	1	4	0.156	5	0	0.077	0.038
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	37	23	49	2	1	4	0.176	5	0	0.083	0.041
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	37	23	49	1	1	4	0.303	5	0	0.110	0.058
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	37	23	49	1	1	2	0.112	5	0	0.062	0.033
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	37	23	49	2	1	4	0.207	5	0	0.090	0.045
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	37	23	49	1	1	2	0.268	5	0	0.104	0.055
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	37	23	49	2	1	2	0.205	5	0	0.090	0.048
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	37	23	49	1	1	2	0.108	5	0	0.060	0.032
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	37	23	49	1	2	2	0.032	5	0	0.023	0.011
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	37	23	49	1	1	4	0.277	5	0	0.105	0.056
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	37	23	49	1	1	4	0.321	5	0	0.112	0.060
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	37	23	49	1	1	2	0.069	5	0	0.043	0.023
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	37	23	49	2	2	2	0.049	5	0	0.033	0.024

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment-100 MNT
Alternative B

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency		Category	Increase in Frequency	1/Freq.	Trip Threshold	State Top 50
									Pre-Construction	Post-Construction					
Rochester Existing Alignment- Alternative R-2 MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.049	B	0.032	31	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.019	B	0.014	70	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.016	B	0.012	82	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.024	B	0.018	57	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.055	B	0.037	27	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.036	B	0.026	39	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.021	B	0.013	75	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.052	B	0.033	30	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.010	0.036	B	0.026	39	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.034	B	0.022	45	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.060	B	0.032	31	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.064	B	0.043	23	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.019	0.042	B	0.024	42	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.102	B	0.045	22	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.038	B	0.022	46	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.041	B	0.023	43	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.058	B	0.032	31	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.033	B	0.021	47	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.045	B	0.024	41	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.055	B	0.031	32	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.048	B	0.031	32	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.032	B	0.021	48	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.011	B	0.007	134	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.056	B	0.031	32	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.060	B	0.032	31	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.004	0.011	B	0.007	134	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.024	B	0.017	58	NO	NO
							Total	1	0.440	1.116		0.67788	1	Number of crossings	
							Minimum		0.004	0.011		0.00748	134	In the County =	27
							Maximum		0.057	0.102		0.04480	22		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment- 100 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
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	1.875	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 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
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	37	23	49	1	1	2	0.180	5	0	0.084	0.044
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	37	23	49	2	2	2	0.038	5	0	0.026	0.019
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	37	23	49	2	2	2	0.032	5	0	0.022	0.016
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	37	23	49	1	2	2	0.049	5	0	0.033	0.024
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	37	23	49	1	1	2	0.155	5	0	0.076	0.055
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	37	23	49	1	1	2	0.085	5	0	0.051	0.036
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	37	23	49	1	1	2	0.067	5	0	0.042	0.021
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	37	23	49	1	1	2	0.196	5	0	0.088	0.046
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	37	23	49	1	1	2	0.278	5	0	0.105	0.056
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	37	23	49	1	1	2	0.119	5	0	0.065	0.034
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	37	23	49	1	1	2	0.322	5	0	0.113	0.060
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	37	23	49	1	1	2	0.199	5	0	0.089	0.064
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	37	23	49	2	1	4	0.187	5	0	0.086	0.042
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	37	23	49	1	1	4	0.218	5	1	0.208	0.102
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	37	23	49	2	1	4	0.156	5	0	0.077	0.038
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	37	23	49	2	1	4	0.176	5	0	0.083	0.041
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	37	23	49	1	1	4	0.303	5	0	0.110	0.058
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	37	23	49	1	1	2	0.112	5	0	0.062	0.033
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	37	23	49	2	1	4	0.207	5	0	0.090	0.045
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	37	23	49	1	1	2	0.268	5	0	0.104	0.055
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	37	23	49	1	1	2	0.169	5	0	0.081	0.043
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	37	23	49	1	1	2	0.108	5	0	0.060	0.032
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	37	23	49	1	2	2	0.032	5	0	0.023	0.011
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	37	23	49	1	1	4	0.277	5	0	0.105	0.056
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	37	23	49	1	1	4	0.321	5	0	0.112	0.060
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	37	23	49	1	1	2	0.069	5	0	0.043	0.023
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	37	23	49	1	2	2	0.049	5	0	0.033	0.024

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 100 MNT
Alternative C

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
									Pre-Construction	Post-Construction					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.044	B	0.027	37	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.019	B	0.014	70	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.016	B	0.012	82	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.024	B	0.018	57	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.055	B	0.037	27	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.036	B	0.026	39	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.021	B	0.013	75	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.046	B	0.028	36	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.010	0.036	B	0.026	39	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.034	B	0.022	45	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.060	B	0.032	31	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.064	B	0.043	23	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.019	0.042	B	0.024	42	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.102	B	0.045	22	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.038	B	0.022	46	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.041	B	0.023	43	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.058	B	0.032	31	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.033	B	0.021	47	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.045	B	0.024	41	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.055	B	0.031	32	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.043	B	0.026	38	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.032	B	0.021	48	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.011	B	0.007	134	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.056	B	0.031	32	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.060	B	0.032	31	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.004	0.011	B	0.007	134	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.024	B	0.017	58	NO	NO
							Total	1	0.440	1.103		0.66288	2	Number of crossings	
							Minimum		0.004	0.011		0.00748	134	In the County =	27
							Maximum		0.057	0.102		0.04480	22		

Pre-Construction Accident Prediction Summary
Rochester Existing Alignment-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
Rochester Existing Alignment MP 37.5 to 61.1																		
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	2600	3	2	35	1	1	2	0.049	5	0	0.033	0.017
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	50	3	2	30	1	2	2	0.008	5	0	0.007	0.005
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	30	3	2	30	1	2	2	0.007	5	0	0.005	0.004
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	100	3	2	30	1	2	2	0.011	5	0	0.008	0.006
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	440	3	2	35	1	1	2	0.036	5	0	0.025	0.018
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	86	3	2	35	1	1	2	0.020	5	0	0.014	0.010
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	1200	3	2	35	1	1	2	0.021	5	0	0.015	0.008
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	3200	3	2	35	1	1	2	0.053	5	0	0.035	0.019
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	7500	3	2	35	1	1	2	0.075	5	0	0.046	0.024
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	955	3	2	20	1	1	2	0.032	5	0	0.023	0.012
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	10800	3	2	12	1	1	2	0.087	5	0	0.052	0.027
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	870	3	2	20	1	1	2	0.041	5	0	0.028	0.020
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	8850	3	2	5	2	1	4	0.058	5	0	0.038	0.019
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	25020	3	2	5	1	1	4	0.068	5	1	0.117	0.057
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	4726	3	2	5	2	1	4	0.048	5	0	0.032	0.016
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	7200	3	2	20	2	1	4	0.055	5	0	0.036	0.018
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	3800	3	2	20	1	1	4	0.082	5	0	0.049	0.026
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	820	3	2	35	1	1	2	0.030	5	0	0.022	0.011
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	12400	3	2	20	2	1	4	0.064	5	0	0.041	0.020
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	6900	3	2	35	1	1	2	0.073	5	0	0.045	0.024
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	2250	3	2	35	1	1	2	0.046	5	0	0.031	0.016
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	750	3	2	35	1	1	2	0.029	5	0	0.021	0.011
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	100	3	1.875	35	1	2	2	0.010	5	0	0.008	0.004
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	3064	3	2	35	1	1	4	0.075	5	0	0.046	0.024
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	4400	3	2	35	1	1	4	0.087	5	0	0.052	0.027
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	250	3	2	35	1	1	2	0.019	5	0	0.014	0.007
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	100	3	2	35	1	2	2	0.011	5	0	0.009	0.006

Post-Construction Accident Prediction Summary
Rochester Existing Alignment- 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
Rochester Existing Alignment MP 37.5 to 61.1																			
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	2600	37	23	49	1	1	2	0.180	5	0	0.084	0.044
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	50	37	23	49	1	2	2	0.038	5	0	0.026	0.019
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	30	37	23	49	1	2	2	0.032	5	0	0.022	0.016
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	100	37	23	49	2	2	2	0.049	5	0	0.033	0.024
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	440	37	23	49	2	1	2	0.155	5	0	0.076	0.055
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	86	37	23	49	2	1	2	0.085	5	0	0.051	0.036
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	1200	37	23	49	2	1	2	0.078	5	0	0.048	0.023
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3200	37	23	49	1	1	2	0.196	5	0	0.088	0.046
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	7500	37	23	49	1	1	2	0.278	5	0	0.105	0.056
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	955	37	23	49	1	1	2	0.119	5	0	0.065	0.034
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	10800	37	23	49	1	1	2	0.322	5	0	0.113	0.060
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	870	37	23	49	1	1	2	0.199	5	0	0.089	0.064
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	8850	37	23	49	2	1	4	0.187	5	0	0.086	0.042
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	25020	37	23	49	1	1	4	0.218	5	1	0.208	0.102
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	4726	37	23	49	2	1	4	0.156	5	0	0.077	0.038
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	7200	37	23	49	2	1	4	0.176	5	0	0.083	0.041
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	3800	37	23	49	1	1	4	0.303	5	0	0.110	0.058
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	820	37	23	49	1	1	2	0.112	5	0	0.062	0.033
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	12400	37	23	49	2	1	4	0.207	5	0	0.090	0.045
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	6900	37	23	49	1	1	2	0.268	5	0	0.104	0.055
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	2250	37	23	49	2	1	2	0.205	5	0	0.090	0.048
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	750	37	23	49	1	1	2	0.108	5	0	0.060	0.032
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	100	37	23	49	1	2	2	0.032	5	0	0.023	0.011
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	3064	37	23	49	1	1	4	0.277	5	0	0.105	0.056
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	4400	37	23	49	1	1	4	0.321	5	0	0.112	0.060
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	250	37	23	49	1	1	2	0.069	5	0	0.043	0.023
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	100	37	23	49	2	2	2	0.049	5	0	0.033	0.024

Pre/Post-Construction Accident Prediction Comparison
Rochester Existing Alignment- 100 MNT
Alternative D

FRA ID	MILEPOST	STATE	COUNTY	STREET	CITY	EXISTING DEVICE	PROPOSED DEVICE	NO. OBSERVED ACCIDENTS 1993-1997	Estimated Annual Accident Frequency		Category	Change in Frequency	1/Freq.	Trip Threshold	State Top 50
									Pre-Construction	Post-Construction					
Rochester Existing Alignment MP 37.5 to 61.1															
193264C	003740	MN	OLMSTED	CSAH 7	EYOTA	FLASHING LIGHTS	FLASHING LIGHTS	0	0.017	0.044	B	0.027	37	NO	NO
193216M	003860	MN	OLMSTED	110th Ave SE/ Twp 112	EYOTA	PASSIVE	PASSIVE	0	0.005	0.019	B	0.014	70	NO	NO
193219H	003940	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.004	0.016	B	0.012	82	NO	NO
193220C	004030	MN	OLMSTED	Cnty Rd. 102	EYOTA	PASSIVE	PASSIVE	0	0.006	0.024	B	0.018	57	NO	NO
193266R	004270	MN	OLMSTED	Haverhill Rd.	EYOTA	PASSIVE	PASSIVE	0	0.018	0.055	B	0.037	27	NO	NO
193267X	004340	MN	OLMSTED	60th Ave. SE/ Twp 211	ROCHESTER	PASSIVE	PASSIVE	0	0.010	0.036	B	0.026	39	NO	NO
193269L	004450	MN	OLMSTED	50TH AV. S.E.	ROCHESTER	GATES	GATES	0	0.008	0.023	B	0.016	63	NO	NO
193270F	004540	MN	OLMSTED	COLLEGE VIEW RD E	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.019	0.046	B	0.028	36	NO	NO
911202N	004710	MN	OLMSTED	E. Circle Dr./Cty Rd 22	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.010	0.036	B	0.026	39	NO	NO
193272U	004820	MN	OLMSTED	15TH AVE. N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.012	0.034	B	0.022	45	NO	NO
193273B	004850	MN	OLMSTED	11TH AVE N.E.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.060	B	0.032	31	NO	NO
193275P	004870	MN	OLMSTED	7TH AVE. N.E.	ROCHESTER	PASSIVE	PASSIVE	0	0.020	0.064	B	0.043	23	NO	NO
193276W	004900	MN	OLMSTED	2ND AVE NE	ROCHESTER	GATES	GATES	0	0.019	0.042	B	0.024	42	NO	NO
193277D	004910	MN	OLMSTED	BROADWAY NO.	ROCHESTER	GATES	GATES	1	0.057	0.102	B	0.045	22	NO	NO
193278K	004920	MN	OLMSTED	1ST AVE N.W.	ROCHESTER	GATES	GATES	0	0.016	0.038	B	0.022	46	NO	NO
193280L	004940	MN	OLMSTED	4TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.018	0.041	B	0.023	43	NO	NO
193281T	004960	MN	OLMSTED	6TH AVE. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.026	0.058	B	0.032	31	NO	NO
193274H	4850	MN	OLMSTED	9TH AVE NE	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.033	B	0.021	47	NO	NO
193282A	005000	MN	OLMSTED	11TH AVE. N.W.	ROCHESTER	GATES	GATES	0	0.020	0.045	B	0.024	41	NO	NO
193232W	005130	MN	OLMSTED	7TH ST. N.W.	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.055	B	0.031	32	NO	NO
193235S	005420	MN	OLMSTED	Cnty Rd. 104	ROCHESTER	FLASHING LIGHTS	FLASHING LIGHTS	0	0.016	0.048	B	0.031	32	NO	NO
193285V	005680	MN	OLMSTED	CSAH 3	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.011	0.032	B	0.021	48	NO	NO
193236Y	005780	MN	OLMSTED	10th Ave. NE	BYRON	GATES	GATES	0	0.004	0.011	B	0.007	134	NO	NO
193286C	005870	MN	OLMSTED	BYRON AVE. N.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.024	0.056	B	0.031	32	NO	NO
193287J	005890	MN	OLMSTED	SECOND AVE. N.W.	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.027	0.060	B	0.032	31	NO	NO
911209L	5910	MN	OLMSTED	9TH AVE NW	BYRON	FLASHING LIGHTS	FLASHING LIGHTS	0	0.004	0.011	B	0.007	134	NO	NO
193288R	006030	MN	OLMSTED	19th Ave. NW/Twp 202	BYRON	PASSIVE	PASSIVE	0	0.006	0.024	B	0.017	58	NO	NO
							Total	1	0.440	1.111		0.67043	1	Number of crossings	
							Minimum		0.004	0.011		0.00746	134	In the County =	27
							Maximum		0.057	0.102		0.04480	22		

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