	Appendix C							
С.	Safety Information							
	Average Accident Rate Tables							
	Viaduct Collision Diagrams							
	Viaduct Collision Summary Tables							

I-81 Corridor Study Accident Analysis – Appendix Tables

Table 1: Comparison of Study Corridor and Statewide Average Accident Rates – Mainline
PRIMARY STUDY AREA Limits (I-81 Corridor and I-690 West St to Teall Ave)

		Length	Total	Segment Accident Rate (per	Statewide Average Accident
Segment	AADT	(ft)	Accidents	MVM)	Rate
I-81 Mainline NB Exit 16 to 16A	21,813	15,942	11	0.15	1.04
I-81 Mainline SB Exit 16A to 16	21,765	15,052	15	0.22	1.04
I-81 Mainline NB Exit 17 to E. Colvin St on-ramp	32,312	5,758	47	1.22	1.07
I-81 Mainline SB Exit 17 to W.Calthrop on-ramp	21,768	3,910	48	2.72	1.07
I-81 Mainline NB E. Colvin on-ramp to Exit 18*	38,274	3,861	56	1.83	1.07
I-81 Mainline NB Exit 18 to Almond Street on-ramp	28,659	2,891	57	3.32	1.04
I-81 Mainline NB Almond Street on-ramp to I-690 EB	46,107	777	10	1.35	1.07
I-81 Mainline NB I-690 EB off-ramp to I-690 WB off-ramp	35,422	1,154	13	1.53	1.07
I-81 Mainline NB I-690 WB off-ramp to I-690 WB			10		
on-ramp	24,949	2,161	48	4.29	1.04
I-81 Mainline SB Almond St on-ramp to Exit 17	35,150	5,703	11	0.26	1.07
I-81 Mainline SB Exit 18 to Almond St on-ramp	28,051	3,060	11	0.62	1.04
I-81 Mainline SB I-690 EB on-ramp to Exit 18	33,718	1,346	16	1.70	1.04
I-81 Mainline SB I-690 EB off-ramp to I-690 EB on- ramp*	23,882	1,763	28	3.21	1.04
I-81 Mainline SB Exit 19 off-ramp to I-690 EB off-	33,242	1,429	11	1.12	1.04
ramp	-	ć.		5.17	1.04
I-81 Mainline SB Exit 20 to Exit 19* I-81 Mainline NB Pearl St on-ramp to	41,633	516	23	5.17	1.07
Butternut/State St	42,013	1,804	21	1.34	1.07
I-81 Mainline SB W. Division St on-ramp to Exit 20	46,576	554	21	3.92	1.07
I-81 Mainline NB Butternut/N State on-ramp to Exit	49,551	1,557	28	1.75	1.07
I-81 Mainline SB Bear St on-ramp to Exit 21	46,329	864	11	1.32	1.07
I-81 Mainline SB Exit 21 to W. Division St on-	10,525	001		1.52	1.07
ramp*	43,325	1,954	33	1.88	1.07
I-81 Mainline NB Exit 22 to on-ramp 22	45,549	2,155	3	0.15	1.07
I-81 Mainline SB on-ramp 23B to Bear St on-ramp (22)	41,284	2,323	3	0.15	1.07
I-81 Mainline NB on-ramp 22 to Exit 23/24A/24B	48,062	3,048	11	0.36	1.07
I-81 Mainline SB Exit 22/23A/23B to on-ramp 23A	28,004	4,636	11	0.41	1.07
I-81 Mainline SB on-ramp 23A to on-ramp 23B	32,999	856	11	1.88	1.07
I-81 Mainline NB Exit 23/24A/24B to 25	37,817	6,594	36	0.70	1.07
I-81 Mainline SB Exit 25 to 22/23/23B	37,855	2,761	21	0.97	1.07
I-81 Mainline NB Exit 25 to 25A*	39,241	2,112	21	1.22	1.07
I-81 Mainline SB Exit 25A to 25	39,109	1,568	33	2.59	1.07
I-81 Mainline NB Exit 25A to 26	39,260	5,280	25	0.58	1.07
I-81 Mainline SB Exit 26 to 25A	40,780	5,823	24	0.49	1.07
I-81 Mainline NB Exit 26 to 27*	29,184	8,824	50	0.94	1.07
I-81 Mainline SB Exit 27 to 26	30,169	7,746	37	0.76	1.07

I-81 Mainline NB Exit 27 to 28	26,951	1,925	6	0.56	1.07
I-81 Mainline NB Exit 28 to 29	30,640	4,478	39	1.37	1.07
I-81 Mainline SB Exit 29 to 28	31,846	4,156	57	2.08	1.07
I-81 Mainline NB Exit 29 to 30	23,184	13,674	34	0.52	1.07
I-81 Mainline SB Exit 30 to 29	26,178	13,525	22	0.30	1.07
I-481 Mainline NB Between Ramp to I-81 NB and					
Ramp from I-81 NB	22,591	2,698	20	1.58	1.04
I-481 Mainline SB Between Ramp to I-81 NB and					
Ramp from I-81 NB	15,426	2,178	9	1.29	1.04
I-481 Mainline NB Between I-81 NB and Ramp to					
Rock Cut Road (Forest Interchange)	10,504	1,747	14	3.68	1.07
I-481 Mainline SB Between Ramp to Brighton Ave					
and I-81 NB (Forest Interchange)	8,253	1,743	17	5.70	1.04
I-690 Mainline EB Between Exit 10 & 11 Ramps*	33,477	1,357	20	2.12	1.07
I-690 Mainline WB Between Exit 10 & 11 Ramps*	30,895	1,458	17	1.82	1.07
I-690 Mainline EB Between Exit 11 & 12 Ramps	33,904	2,538	34	1.91	1.04
I-690 Mainline EB Between Exit 12 Ramps	33,428	1,582	10	0.91	1.04
I-690 Mainline WB Between Exit 11 & 12 Ramps	34,484	1,499	31	2.89	1.04
I-690 Mainline WB Between Exit 12 Ramps	33,575	1,799	19	1.52	1.04
I-690 Mainline EB Between Exit 12 & 13 Ramps*	38,488	1,124	10	1.11	1.07
I-690 Mainline WB Between Exit 12 & 13 Ramps	43,930	1,420	10	0.77	1.07
I-690 Mainline EB Between Exit 13 & 14 Ramps*	49,173	4,071	34	0.82	1.07
I-690 Mainline WB Between Exit 13 & 14 Ramps	49,857	5,022	43	0.83	1.07
I-690 Mainline EB Between Exit 14 & 15 Ramps	43,274	3,766	29	0.86	1.07
I-690 Mainline WB Between Exit 14 & 15 Ramps	44,580	5,569	29	0.56	1.07
Source: NYSDOT, 2010					

* NYSDOT 2009-2010 Priority Investigation Location Above Statewide Average Rates

Table 2: Comparison of Study Corridor and Statewide Average Accident Rates – Mainline Extended Study Area Limits (I-481 Corridor and I-690)

Segment	AADT	Length (ft)	Total Accidents	Segment Accident Rate (per MVM)	Statewide Average Accident Rate
I-481 Mainline NB I-81 Ramps to Exit 1*	10,504	3,347	18	2.47	1.07
I-481 Mainline SB Exit 1 to I-81 Ramps	8,253	1,528	2	0.76	1.04
I-481 Mainline NB Exit 1 to Exit 2*	13,311	12,411	39	1.14	1.04
I-481 Mainline SB Exit 2 to Exit 1	13,382	14,487	14	0.35	1.04
I-481 Mainline NB Exit 2 to Exit 3*	14,726	8,018	20	0.82	1.04
I-481 Mainline SB Exit 3 to Exit 2	14,705	8,090	6	0.24	1.04
I-481 Mainline NB Exit 3 Weaving section	14,670	3,284	63	6.30	1.07
I-481 Mainline NB Exit 3 to Exit 4*	25,664	5,587	23	0.77	1.07
I-481 Mainline SB Exit 3 Weaving section	25,247	2,929	26	1.70	1.07
I-481 Mainline SB Exit 4 to Exit 3	26,122	4,613	3	0.12	1.07
I-481 Mainline NB Between Exit 4 Ramps	12,524	2,340	30	4.94	1.04
I-481 Mainline NB Exit 4 to Exit 5*	21,823	5,346	29	1.20	1.04
I-481 Mainline SB Between Exit 4 Ramps	13,123	4,999	12	0.88	1.04
I-481 Mainline SB Exit 5 to Exit 4	22,378	4,193	11	0.57	1.04
I-481 Mainline NB Exit 5 Weaving section	21,119	3,774	40	2.42	1.07
I-481 Mainline NB Exit 5 to Exit 6*	19,310	5,614	49	2.18	1.04
I-481 Mainline SB Exit 5 Weaving section	20,333	3,618	11	0.72	1.07

I-481 Mainline SB Exit 6 to Exit 5	20,172	5,470	14	0.61	1.04
I-481 Mainline NB Exit 6 to Exit 7	16,125	3,925	37	2.82	1.04
I-481 Mainline SB Exit 7 to Exit 6*	16,712	3,937	21	1.54	1.04
I-481 Mainline NB Exit 7 to Exit 8	13,704	15,970	53	1.17	1.04
I-481 Mainline SB Exit 8 to Exit 7	14,206	15,797	13	0.28	1.04
I-481 Mainline NB Exit 8 to Exit 9	15,770	5,701	13	0.70	1.04
I-481 Mainline SB Exit 9 to Exit 8	17,181	6,010	3	0.14	1.04
I-690 Mainline EB Between Exit 1 Ramps*	9,030	2,053	6	1.56	1.04
I-690 Mainline EB Between Exit 2 Ramps	14,400	3,604	17	1.58	1.04
I-690 Mainline EB Between Exit 4 Ramps*	11,872	2,929	48	6.66	1.07
I-690 Mainline EB Between Exit 4 & 5 Ramps	17,773	2,789	12	1.17	1.04
I-690 Mainline EB Between Exit 5 Ramps	16,574	1,896	11	1.69	1.07
I-690 Mainline EB Between Exit 5 & 6 Ramps	18,195	8,891	50	1.49	1.07
I-690 Mainline WB Between Exit 5 Ramps	21,934	2,771	8	0.63	1.07
I-690 Mainline EB Between Exit 6 Ramps	12,885	3,594	29	3.02	1.04
I-690 Mainline EB Between Exit 6 & 7 Ramps	31,194	3,022	18	0.92	1.07
I-690 Mainline WB Between Exit 5 & 6 Ramps	23,884	8,003	11	0.28	1.07
I-690 Mainline WB Between Exit 6 Ramps	16,970	7,757	6	0.22	1.04
I-690 Mainline EB Between Exit 7 & Willis On-ramp	35,194	6,288	99	2.16	1.07
I-690 Mainline WB Between Exit 6 & 7 Ramps	35,279	1,876	1	0.07	1.07
I-690 Mainline EB Between Willis On-ramp & Exit 8					
Ramp	38,182	1,996	26	1.65	1.07
I-690 Mainline WB Between Exit 7 & 8 Ramps	39,679	6,427	20	0.38	1.07
I-690 Mainline EB Between Exit 8 & 9 Ramps	31,658	1,560	34	3.32	1.07
I-690 Mainline WB Between Exit 8 & 9 Ramps	30,580	2,248	6	0.42	1.07
I-690 Mainline EB Between Exit 9 & 10 Ramps	28,761	3,537	55	2.61	1.07
I-690 Mainline WB Between Exit 9 & 10 Ramps*	25,876	3,153	12	0.71	1.07
I-690 Mainline EB Between Exit 10 & 11 Ramps	33,477	1,357	17	1.80	1.07
I-690 Mainline EB Between Exit 11 Ramps	26,234	2,101	41	3.59	1.04
I-690 Mainline WB Between Exit 10 & 11 Ramps	30,895	1,458	4	0.43	1.07
I-690 Mainline EB Between Exit 12 & 13 Ramps*	38,488	1,124	8	0.89	1.07
I-690 Mainline EB Between Exit 13 & 14 Ramps*	49,173	4,071	70	1.69	1.07
I-690 Mainline WB Between Exit 13 & 14 Ramps	49,857	5,022	75	1.44	1.07
I-690 Mainline EB Between Exit 14 & 15 Ramps	43,274	3,766	33	0.98	1.07
I-690 Mainline WB Between Exit 14 & 15 Ramps	44,580	5,569	17	0.33	1.07
I-690 Mainline EB Between Exit 15 & 16 Ramps	35,010	5,654	31	0.76	1.07
I-690 Mainline EB Between Exit 16 Ramps	15,248	3,178	46	4.58	1.07
I-690 Mainline WB Between Exit 16 Ramps	15,581	4,431	39	2.72	1.04
I-690 Mainline EB Between Exit 16 & 17 Ramps	18,247	1,865	10	1.42	1.07
I-690 Mainline WB Between Exit 16 & 17 Ramps	18,573	1,533	5	0.85	1.07
* NYSDOT 2009-2010 Priority Investigation	Location				
Above Statewide Average Rates					

		Total	Segment Accident Rate	0
Segment	AADT	Accidents		Accident Rate
I-81 NB on-ramp from E Colvin St	5,963	2	0.31	0.10
I-81 NB on-ramp from W. Calthrop St	6,911	3	0.40	0.10
I-81 NB off-ramp to W. Calthrop St (Exit 17)	762	3	3.60	0.19
I-81 SB on-ramp from W. Calthrop St	1,082	11	9.28	0.10
I-81 SB off-ramp to S. State St (Exit 17)	13,383	4	0.27	0.19
I-81 NB on-ramp from Almond St	17,449	1	0.05	0.02
I-81 NB off-ramp to Adams/Harrison/Almond (Exit 18)	9,616	5	0.47	0.19
I-81 SB on-ramp from Almond St.	7,100	4	0.51	0.10
I-81 SB off-ramp to Adams/Harrison/Almond (Exit 18)	11,595	9	0.71	0.19
I-81 NB on-ramp from Pearl Street	7,500	6	0.73	0.10
I-81 SB off-ramp to Clinton St./Salina St. (Exit 19)	8,392	6	0.65	0.19
I-81 NB on-ramp from Butternut St/N. State St	7,539	12	1.45	0.10
I-81 SB off-ramp to Franklin St/West St (Exit 20)	4,944	9	1.66	0.19
I-81 SB off-ramp to Spring St/Catawba St. (Exit 21)	3,005	9	2.74	0.19
I-81 SB on-ramp from W. Division St/Genant Dr.	3,252	21	5.90	0.10
I-81 NB on-ramp from Rt 298 (Court St/Sunset Ave)	2,514	14	5.09	0.10
I-81 NB off-ramp to Court Street (Exit 22)	4,003	7	1.60	0.19
I-81 SB on-ramp from Rt 298 (Bear St.)	5,046	9	1.63	0.10
I-81 NB to RT 370 East Hiawatha Blvd/Park St.*	5,090	5	0.90	0.19
I-81 SB off-ramp to Hiawatha/Courousel/Bear St	9,852	12	1.11	0.19
I-81 SB on-ramp from Old Liverpool Rd/Buckley Rd	4,996	2	0.37	0.10
I-81 SB on-ramp from RT 370 Onondaga lake pkwy	8,286	1	0.11	0.10
Hiawatha on-ramp to I-81 NB	9,700	9	0.85	0.10
I-81 NB to RT 370 West Liverpool (Exit 24A/24B)	14,855	11	0.68	0.02
7th North St. to I-81 NB on-ramp	5,936	4	0.62	0.10
I-81 SB to 7th North St. off-ramp (Exit 25)*	6,233	4	0.59	0.19
I-81 NB off-ramp to RT11/Mattydale (Exit 26)	10,077	12	1.09	0.02
I-81 SB on-ramp from RT11/S. Bay Rd	10,612	9	0.77	0.02
Frontage Road/Airport Blvd on-ramp to I-81 NB	4,847	2	0.38	0.10
I-81 NB off-ramp to Airport/Taft Rd/N Syracuse*	7,080	11	1.42	0.19
Frontage Road/Airport Blvd on-ramp to I-81 SB	6,459	14	1.98	0.10
I-81 SB off-ramp to Airport/Mattydale/Route 11	4,359	11	2.30	0.19
Taft Road on-ramp to I-81 NB	3,690	10	2.47	0.10
I-81 SB off-ramp to Taft Road (Exit 28)	3,778	5	1.21	0.19
I-481 NB to I-81 NB on-ramp*	4,719	4	0.77	0.10
I-481 SB to I-81 NB on-ramp	1,120	5	4.08	0.10
I-81 NB to I-481 SB off-ramp	1,755	1	0.52	0.10
I-481 SB to I-81 SB on-ramp	10,799	2	0.17	0.10
I-481 SB to I-481 SB off-ramp	4,974	1	0.17	0.10
I-481 NB to I-81 SB on-ramp	1,461	6	3.75	0.19
I-481 NB to I-81 SB off-ramp	1,401	1	0.56	0.10
I-481 NB on-ramp from Rock Cut Rd	4,867	1	0.19	0.19
I-481 NB off-ramp from Rock Cut Rd (Exit 1)	2,060	1	0.19	0.10
I-481 NB on-ramp from I-81 SB	1,618	3	1.69	0.10
I-81 NB ramp to I-481 NB*	11,540	2	0.16	0.02

Table 3: Comparison of Study Corridor and Statewide Average Accident Rates – Ramps – PRIMARY STUDY AREA

I-481 NB ramp from I-81 NB (Forest Interchange)*	4,704	1	0.19	0.19								
I-481 SB ramp to I-81 SB (Forest Interchange)	4,716	2	0.39	0.19								
I-481 SB ramp to I-81 NB (Forest Interchange)	9,054	3	0.30	0.19								
I-481 SB ramp to Brighton Ave	5,130	2	0.36	0.19								
I-690 WB on-ramp from West St.	5,873	7	1.09	0.02								
I-690 WB off-ramp to West St. (Exit 11)	9,462	3	0.29	0.19								
I-690 EB off-ramp to West St. & Genesee St/Rt 5	7,244	4	0.50	0.02								
I-690 WB off-ramp to I-81 NB	9,565	4	0.38	0.19								
I-690 WB on-ramp from I-81 NB	10,474	6	0.52	0.10								
I-690 EB on-ramp from I-81 NB	10,686	1	0.09	0.10								
I-690 EB on-ramp from I-81 SB	9,361	3	0.29	0.02								
I-690 WB off-ramp to N Townsend St (Exit 13)	10,356	5	0.44	0.19								
I-690 EB on-ramp from S. McBride St.	5,061	3	0.54	0.10								
I-690 WB on-ramp from Teall Ave	10,500	4	0.35	0.10								
I-690 WB off-ramp to Teall Ave (Exit 14)	5,223	3	0.52	0.19								
I-690 EB on-ramp from Teall Ave	5,704	5	0.80	0.10								
I-690 EB off-ramp to Teall Ave. (Exit 14)	11,603	19	1.50	0.19								
*On NYSDOT 2009-2010 Priority Investig	gation Location	on list	*On NYSDOT 2009-2010 Priority Investigation Location list									

Table 4: Comparison of Study Corridor and Statewide Average Accident Rates – Ramps – Extended Study Area

Segment	AADT	Total Accidents	Segment Accident Rate (per MEV)	Statewide Average Accident Rate
I-481 SB split to I-81 NB and I-81 SB	4,716	1	0.19	0.19
I-81 SB on-ramp to I-481 NB*	10,504	6	0.52	0.10
I-481 NB on-ramp from WB Genesee St	12,951	1	0.07	0.02
I-481 SB off-ramp to WB Genesee St (RT5 & 92) Exit 3W	3,199	1	0.29	0.19
I-481 NB on-ramp from WB Kirkville St	1,541	3	1.78	0.10
I-481 SB off-ramp to I-90 Thruway	2,624	1	0.35	0.19
I-481 NB on-ramp from Northern Blvd	4,854	1	0.19	0.10
I-690 EB off-ramp to RT695/RT5/Auburn (Exit 6)	5,311	2	0.34	0.19
I-690 EB on-ramp from State Fair Blvd	6,000	3	0.46	0.10
I-690 EB on-ramp from N Geddes St.	4,717	3	0.58	0.10
I-690 WB on-ramp from West St.	5,873	8	1.24	0.02
I-690 EB off-ramp to West St. & Genesee St/Rt 5 (Exit 11)	7,244	1	0.13	0.02
*On NYSDOT 2009-2010 Priority Investigat	on Location	on list		

Roadway	Region	Start Mile Mkr./Node	End Mile Mkr./Node	Segment	Total Accidents
NY 481	3301	2140		NY481 NB Off Ramp To I-81 NB	1
NY 481	3301	1000	1000	NY481 NB Off Ramp To I-81 SB	1
NY 481	3301	1B01		NY481 NB On Ramp From E Circle Dr	1
NY 481	3301	1C01		NY481 SB Off Ramp To 930J-Bear Rd	1
NY 481	3301	1006	1006	NY481 SB On Ramp From 930J-Bear Rd	4
NY 690	3301	1A01		NY690 NB Off Ramp To Van Buren Rd	1
NY 690	3302	1A02		NY690 NB Off Ramp To Rt 31 WB (Jordan-Bville)	1
NY 690	3301	1A00	1A01	NY690 SB Off Ramp To Thruway I-90	2
NY 690	3301	1C03		NY690 SB Off Ramp To Van Buren Rd	1
I-90	33	15498	15491	I-90 WB at I-690 Exit 39	30
I-90	33	15491	2198	I-90 WB at I-690 Exit 39	11
I-90	33	2198	15488	I-90 WB at I-690 Exit 39	2
I-90	33	7707	7248	I-90 EB at I-91 Exit 36	28
I-90	33	7248	7247	I-90 EB at I-91 Exit 36	7
I-90	33	7247	7238	I-90 EB at I-91 Exit 36	3
I-90	33	15501	15492	I-90 EB at I-690 Exit 39	16
I-90	33	15492	2197	I-90 EB at I-690 Exit 39	14
I-90	33	2197	2196	I-90 EB at I-690 Exit 39	2
I-90	33	2196	15494	I-90 EB at I-690 Exit 39	22
I-90	33	1340	3619	I-90 EB at I-481 Exit 34	1
I-90	33	3619	3625	I-90 EB at I-481 Exit 34	9
I-90	33	3625	3624	I-90 EB at I-481 Exit 34	2
I-90	33	3624	3623	I-90 EB at I-481 Exit 34	5
I-90	33	3626	4079	I-90 EB at I-481 Exit 34	9
I-90	33	7709	7258	I-90 WB at I-81 Exit 36	7
I-90	33	7258	7253	I-90 WB at I-81 Exit 36	11
I-90	33	7253	7237	I-90 WB at I-81 Exit 36	7
I-90	33	1339	3617	I-90 WB at I-481 Exit 34	2
I-90	33	3617	3620	I-90 WB at I-481 Exit 34	7
I-90	33	3620	3620	I-90 WB at I-481 Exit 34	12
I-90	33	3620	4077	I-90 WB at I-481 Exit 34	11
NY481	3301	1000	1000	NY481 NB East Circle Dr to Ramp to I-81 SB from 481 NB	15
				NY481 SB East Circle Dr to Ramp to I-81 SB from	
NY481	3301	1000	1000	481 NB	21
NY481	3301	1000	1000	Ramp to I-81 SB From 481 NB	1
NY481	3301	1001	1001	NY481 NB Cicero Tn Ln/North Syracuse Vil	10
NY481	3301	1001	1001	NY481 SB Cicero Tn Ln/North Syracuse Vil	6
NY481	3301	1001	1001	Ramp from I-81 SB To 481 SB	3
NY481	3301	1002	1005	NY481 NB Ramp from I-81 SB To 481 SB to I-481	2
NY481	3301	1002	1005	NY481 SB Ramp from I-81 SB To 481 SB to I-481	15
NY690	3301	1016	1018	NY690 NB - I-690 to NB On Ramp from Jones Road	6
NY690	3301	1016	1018	NY690 SB - I-690 to NB On Ramp from Jones Road	7
NY690	3301	1019	1019	NB On Ramp From Jones Road	1
NIVCOO	2201	1020	1022	NY690 NB - NB On Ramp From Jones Road to NB	0
NY690	3301	1020	1032	Off Ramp to Van Buren Rd NY690 SB - NB On Ramp From Jones Road to NB	8
NY690	3301	1020	1032	Off Ramp to Van Buren Rd	18
111070	5501	1020	1032	NB Off Ramp To Van Buren Rd	2

 Table 5: Total Number of Accidents on Other Adjacent Corridors

Deedman	Destan	Start Mile	End Mile	Comment	Total
Roadway	Region	Mkr./Node	Mkr./Node	Segment	Accidents
NIXCOO	2201	1022	1057	NY690 NB - NB Off Ramp To Van Buren Rd to SB	25
NY690	3301	1032	1057	On Ramp From Rt 31 West	35
				NY690 SB - NB Off Ramp To Van Buren Rd to SB	
NY690	3301	1032	1057	On Ramp From Rt 31 West	27
NY690	3301	1057	1057	SB On Ramp From Rt 31 West	1
				NY690 NB - SB On Ramp From Rt 31 West to NB	
NY690	3301	1058	1060	On Ramp From Rt 31	1
				NY690 SB - SB On Ramp From Rt 31 West to NB	
NY690	3301	1058	1060	On Ramp From Rt 31	4
NY690	3301	1060	1060	NB On Ramp From Rt 31	3
				NY690 NB - NB On Ramp From Rt 31 to SB On	
NY690	3301	1060	1069	Ramp from Rt 370	5
				NY690 SB - NB On Ramp From Rt 31 to SB On	
NY690	3301	1060	1069	Ramp from Rt 370	8
NY690	3301	1069	1069	SB On Ramp From Rt 370	1
NY690	3301	1069	1069	NB On Ramp From Rt 370 Baldwinsville	1
				NY690 NB - NB On Ramp From Rt 370	
NY690	3301	1070	1079	Baldwinsville to Church Rd	4
				NY690 SB - NB On Ramp From Rt 370	
NY690	3301	1070	1079	Baldwinsville to Church Rd	6
NY690	3301	1080	1080	Jct NY 690 - Church Rd	2

Source: NYSDOT 2009; Accident data from most recent three-year period available, either February 1, 2006 – January 31, 2009 or January 1, 2007 – December 31, 2009











	Jackson							
		ription Iainline NB Exit 18	Length (ft)	AADT	Total Acc.	Injury	PDO	Acc/MVM
I-81	to Alm (south	nond Street on-ramp nern segment)	545	28,659	24	9	15	7.41
I-81	23A to (south	fainline SB on-ramp o on-ramp 23B nern segment)	545	32,999	13	5	8	3.49
	Acc	/MVM = Accidents per N	Aillion Vehicle N	/iiies; AADT = A	verage Annual	Daily Traffic; P	DO = Property	Damage Only



Accident Experience





							Adams	
	Roadway	Description	Length (ft)	AADT	Total Acc.	Injury	PDO	Acc/MVM
	I-81 NB	I-81 Mainline NB Exit 18 to Almond Street on-ramp (south central segment)	600	28,659	16	5	11	4.49
	I-81 SB	I-81 Mainline SB on-ramp 23A to on-ramp 23B (south central segment)	600	32,999	9	0	9	2.19
Att a start of the		Acc/MVM = Accidents per N	IIIIION VEHICLE	villes; AADT = A	verage Annual	Daily Traffic; P	DO = Property	Damage Only



Accident Experience





					Almond St		Harrison	
	Roadway	Description	Length (ft)	AADT	Total Acc.	Injury	PDO	Acc/MVM
	I-81 NB	I-81 Mainline NB Exit 18 to Almond Street on-ramp (north central segment) I-81 Mainline SB on-ramp	560	28,659	12	3	9	3.61
1	I-81 SB	560	32,999	10	3	7	2.61	
The second second		Acc/MVM = Accidents per N	IIIIOTI VETIICIE IVII	165, AAD I = A	werage Annual		DO - Property	



Accident Experience





4/16/201



Interstate 81 Corridor Assessment

Accident Experience











4/16/2010



Interstate 81 Corridor Assessment

Accident Experience







	Roadway	Description	Length (ft)	AADT	Total Acc.	Injury	PDO	Acc/MVM
V	I-81 NB	I-81 Mainline NB I-690 EB off-ramp to I-690 WB off- ramp (northern segment)	1100	35,422	17	5	12	2.10
-	I-81 SB	I-81 Mainline SB I-690 EB off-ramp to I-690 EB on- ramp (southern segment)	230	23,882	15	3	12	13.17
after a	I-690 EB	I-690 Mainline EB Be- tween Exit 12 Ramps	365	33,428	10	3	7	3.95
	I-690 WB	I-690 Mainline WB Be- tween Exit 12 Ramps	160	33,575	18	3	15	16.16
	Acc/MVM = Accidents per Million Vehicle Miles; AADT = Average Annual Daily Traffic; PDO = Property Damage Only							



		12							
	1	1-?→		\$)		1690	101
PAL CALIN		100	The second second	A DEC	C 25				
W. TWEE	Roadway	Description	Length (ft)	AADT	Total Acc.	Injury	PDO	Acc/MVM	
· ·	I-81 NB	I-81 Mainline NB I-690 WB off-ramp to I-690 WB on- ramp (southern segment)	360	24,949	6	1	5	3.22	
T.	I-81 SB	I-81 Mainline SB I-690 EB off-ramp to I-690 EB on- ramp (central segment)	360	23,882	7	2	5	3.93	
	I-690 EB	I-690 Mainline EB In Be- tween Exit 11 & 12 Ramps	310	33,904	3	0	3	1.38	-
	I-690 WB	I-690 Mainline WB In Be- tween Exit 11 & 12 Ramps	265	34,484	5	3	2	2.64	
and the state		Acc/MVM = Accidents per M	1illion Vehicle Mi	iles; AADT = A	verage Annual	Daily Traffic; P	DO = Property	Damage Only	



Accident Experience











Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB E. Colvin on-ramp to Exit 18 (southern segment) [Sheet 1]

Accident Exp	erience Sumn	nary (Feb.	<u>. 1, 2006</u>	<u>) – Jan. 31, 20</u>	<u>09) - I-81 Mainline NB E.</u>	Colvin on-ramp to Exit	18 (southern	segment) [S	sheet 1	-
Case No.	Date	Severity	Colli	sion Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31880458	07/22/06	Inj.	Rear	End	Other Motor Vehicle	Daylight	Wet	Snow	Curve and Grade	NB Vehicle Going Straight Ahead : Following Too Closely / Pavement Slip
32046948	01/07/07	Inj.	Othe	r/Unknown	Other Motor Vehicle	Dark - Road Lighted	Dry	Snow	Curve and Grade	NB Veh Changing Lanes : Unsafe Speed /Lane Chang ; NB Veh Going Stra
32077517	01/29/07	Inj.	Othe	r/Unknown	Other Motor Vehicle	Dark - Road Lighted	Snow/Ice	Clear	Curve and Level	NB Vehicle Going Straight Ahead : Pavement Slippery ; NB Vehicle Going
32143154	04/01/07	Inj.	Rear	End	Other Motor Vehicle	Daylight	Wet	Snow	Straight and Grade	NB Vehicle Going Straight Ahead : Alcohol Involvement / Pavement Slippe
32600615	05/16/08	PDO	Mov	ing Object	Deer	Daylight	Dry	Rain	Straight and Level	NB Vehicle Going Straight Ahead : Animal's Action
32821786	11/30/08	PDO	Fixed	d Object	Median - Not At End	Daylight	Snow/Ice	Clear	Straight and Level	NB Veh Going Straight: Unsafe Speed /Driver Inattention; NB Veh Going S
Collision Type		C	Count	Percent	Potential Countermeasu	ire				
Other/Unknown			2	33%	Reduce Speed Limits					
Rear End			2	33%	Reduce Speed Limits; Im	prove skid resistance; che	eck supereleva	ation		
Fixed Object			1	17%	Improve skid resistance;	improve lighting; check s	uperelevation			
Moving Obje	ect		1	17%	Install deer crossing warr	ning signage				
Contributing	g Factor	Р	Percent							
Pavement Sli	ippery		23%							
Driver Inatter	ntion/Distracti	on	23%							
Following To	oo Closely		15%							
Unsafe Speed	d		15%							
Alcohol Invo	olvement		8%							
Unsafe Lane	Changing		8%							
Animal's Act	tion		8%							

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB Almond St on-ramp to Exit 17 (southern segment) - [Sheet 1]

Case No.	Date		Severity	Collision Type	Object Struck	Light Conditions	Road Surfac	e Weather	Road Characteristic	Description
32205211	03/0	8/07	PDO	Overtaking	rtaking Other Motor Vehicle Daylight Wet		Clear	Straight and Grade	SB Vehicle Going Straight Ahead : Driver Inattention/Distraction ;	
32423571	12/1	3/07	PDO	Fixed Object	Median - Not At End	Daylight	Snow/Ice	Clear	Straight and Level	SB Vehicle Going Straight Ahead : Unsafe Speed / Pavement Slip
Collision Type		Count	t Perce	nt Potenti	l Countermeasure					
Fixed Object			1 5	0% Improve	skid resistance; improve lig	hting; check supereleva	tion			
Overtaking			1 5	0% Install r	ised/reflectorized pavement	markings				
Contributing F	actor		Perce	nt						
Driver Inattentio	on/Distra	action	3.	3%						
Unsafe Speed			3.	3%						
Pavement Slippe	ery		3	3%						

lippery ; NB Vehicle Slowing or Stopping
traight: NB Veh Slowing: NB Veh Slowing;NB Veh Slowing
ng Straight Ahead
ppery ; NB Vehicle Going Straight Ahead

g Straight: Driver Inattention/Driver Inattention;

on ; SB Vehicle Going Straight Ahead Slippery

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB E. Colvin on-ramp to Exit 18 (northern segment) [Sheet 2]

Accident Ex	perfence Sum	mary (red.		31, 2009) - 1-81 Mainine	ND E. Colvin on-ramp to	· · · · ·	nern segment) [
			Collision			Road		Road	
Case No.	Date	Severity	Туре	Object Struck	Light Conditions	Surface	Weather	Characteristic	Description
							Sleet/Freezing		
32354526	09/21/07	PDO	Rear End	Other Motor Vehicle			Curve and Grade	NB Vehicle Going Straight Ahead: Following Too Closely / Unsafe Speed; N	
32404797	11/26/07	Inj.	Fixed Object	Median - Not At End	Daylight	Wet	Rain	Straight and Level	NB Vehicle Going Straight Ahead: Unsafe Speed
32528970	03/12/08	03/12/08 PDO Fixed Objec		Barrier	Daylight	Dry	Clear	Straight and Grade	NB Vehicle Merging: Unsafe Lane Changing
32536773	73 03/19/08 Inj. Rear End		Rear End	Other Motor Vehicle	Daylight	Wet	Clear	Straight and Level	NB Vehicle Changing Lanes: Following Too Closely / Unsafe Lane Changin
32575140	04/21/08	PDO	Overtaking	Other Motor Vehicle	Dark - Road Lighted	Dry	Clear	Straight and Level	NB Vehicle Going Straight Ahead: NB Vehicle Going Straight Ahead : Unsa
32609289	05/20/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Going Straight Ahead: NB Vehicle Changing Lanes : Unsafe Lan
32825141	11/24/08	Inj.	Overtaking	Other Motor Vehicle	Daylight	Dry	Snow	Straight and Level	NB Vehicle Going Straight Ahead: Reaction to Other Uninvolved Vehicle ; N
32849464	12/22/08	PDO	Fixed Object	Median - Not At End	Dark - Road Lighted	Snow/Ice	Snow	Straight and Level	NB Vehicle Slowing or Stopping: Unsafe Speed / Pavement Slippery
32849676	12/22/08	PDO	Fixed Object	Median - Not At End	Dark - Road Lighted	Snow/Ice	Snow	Curve and Level	NB Vehicle Going Straight Ahead: Unsafe Speed / Pavement Slippery
Collision Ty	ype Coun	t Perce	nt Poten	tial Countermeasure					
Fixed Objec	ct	4	44% Impro	ve skid resistance; improve	e lighting; check superelev	vation			
Overtaking		3	33% Install	l raised/reflectorized paven	nent markings				
Rear End		2	22% Reduc	e Speed Limits; Improve s	kid resistance; check supe	relevation			
Contributin	ng Factor		Percent						
Unsafe Lane	e Changing		31%						
Unsafe Spee									
Pavement Sl	lippery		15%						
Following T	Too Closely		15%						
Reaction to	Other Uninvo	lved Vehicl	e 8%]					

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB Almond St on-ramp to Exit 17 (northern segment) [Sheet 2]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31896239	08/13/06	Inj.	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Changing Lanes: Unsafe Lane Chang/Aggressive Driving; SB Veh G
31993292	3292 10/28/06 PDO Fixed Object Guide Rail - Not At End Daylight Wet Clea		Clear	Straight and Level	SB Vehicle Going Straight: Pavement Slippery				
32442292	12/13/07	Inj.	Fixed Object	Barrier	Dark - Road Lighted	Wet	Clear	Straight and Grade	SB Vehicle Going Straight: Reaction to Other Uninvolved Veh
Collision Ty	pe	Count	Pct	Potential Countermea	sure				
Fixed Object	t	2	40%	6 Improve skid resistance	; improve lighting; check	supereleva	tion		
Rear End		1	20%	6 Reduce Speed Limits; I	mprove skid resistance; c	heck supere	elevation		
Contributing	g Factor		Pct						
Pavement Sli	ippery		25%	6					
Unsafe Lane	Changing		25%	0					
Reaction to C	Other Uninvol	lved Vehicle	e 25%	6					
Aggressive D	Aggressive Driving/Road Rage 25%								

; NB Vehicle Stopped in Traffic

ging ; NB Vehicle Stopped in Traffic

nsafe Lane Changing ;

Lane Changing ;

; NB Vehicle Changing Lanes

Going Straight

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB Exit 18 to Almond Street on-ramp (southern segment) [Sheet 3]

Accident Exp	criterice Sum	mary (rep.)	1, 2000 – Jan.	51, 2007)	- I-01 Mainine ND Exit 10 to A	monu Street on-ram	<u>p (southern segi</u>	lient) [Sheet 5]		
Case No.	Date	Severity	Collision Ty	ре	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31795986	04/30/06	Inj.	Other/Unkno	own	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Going Straight Ahead: Unsafe Speed; NB Veh
31801244	05/13/06	Inj.	Fixed Object	t	Guide Rail - Not End	Daylight	Wet	Cloudy	Curve and Level	NB Vehicle Going Straight Ahead
31828811	06/19/06	PDO	Fixed Object	t	Guide Rail - Not End	Unknown	Unknown	Snow	Curve and Grade	Unknown Dir. Backing
31898821	08/13/06	PDO	Fixed Object	t	Median - Not End	Daylight	Wet	Cloudy	Straight and Level	NB Vehicle Going Straight Ahead: Tire Failure/Inadequate
31906763	09/11/06	PDO	Rear End		Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Merging: Driver Inattention/Distraction; NB V
32026010	12/09/06	Inj.	Overtaking		Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Going Straight Ahead: Reaction to Other Unin
32069357	01/29/07	Inj.	Fixed Object	t	Barrier	Daylight	Snow/Ice	Clear	Straight and Level	NB Vehicle Going Straight Ahead: Unsafe Speed/Pavemen
32080602	01/09/07	PDO	Other/Unkno	own	Other Motor Vehicle	Daylight	Snow/Ice	Clear	Straight and Level	NB Vehicle Going Straight Ahead: Driver Inexperience/Pa
32098135	01/30/07	PDO	Fixed Object		Median - Not End	Dark - Rd Unlighted	l Snow/Ice	Rain	Straight and Level	NB Vehicle Going Straight Ahead: Pavement Slippery ; NE
32100200	02/13/07	PDO	Other/Unkno	own	Other Object	Dark - Rd Lighted	Snow/Ice	Cloudy	Straight and Level	NB Vehicle Going Straight Ahead
32100914	02/09/07	PDO	Rear End		Other Motor Vehicle	Dark - Rd Lighted	Snow/Ice	Rain	Straight and Level	NB Veh Going Straight: Pavement Slippery; NB Veh Goin
32103452	02/17/07	Inj.	Rear End		Other Motor Vehicle	Dark - Rd Lighted	Slush	Clear	Straight and Level	NB Veh Changing Lanes: Pavement Slippery; NB Veh Go
32131852	03/07/07	PDO	Rear End		Other Motor Vehicle	Unknown	Unknown	Freezing Rain	Straight and Level	Unknown
32205213	05/08/07	PDO	Overtaking		Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Passing: Passing or Lane Usage Improper; NB
32237865	06/17/07	Inj.	Other/Unkno	own	Other/Unknown	Dark - Rd Lighted	Wet	Snow	Straight and Level	NB Vehicle Going Straight Ahead: Driver Inattention/Distr
32243418	07/04/07	PDO	Other/Unkno	own	Other/Unknown	Daylight	Dry	Rain	Curve at Hillcrest	NB Vehicle Going Straight Ahead: Tow Hitch Defective
32284884	08/03/07	PDO	Overtaking		Other Motor Vehicle	Dark - Rd Lighted	Dry	Clear	Straight and Grade	NB Vehicle Changing Lanes: Passing or Lane Usage Impro
32318411	08/05/07	Inj.	Other/Unkno	own	Other Motor Vehicle	Daylight	Dry	Sleet/F Rain	Straight and Level	NB Veh Going Straight: Driver Inattention/Following Too
32389758	11/04/07	PDO	Overtaking		Other Motor Vehicle	Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight Ahead: Unsafe Speed / Paveme
32411601	11/15/07	PDO	Fixed Object	į	Guide Rail - Not End	Daylight	Wet	Clear	Straight and Level	NB Vehicle Changing Lanes: Unsafe Lane Changing
32560557	04/11/08	PDO	Fixed Object	ţ	Median - Not End	Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight Ahead: Unsafe Speed / Followi
32640156	06/21/08	Inj.	Other/Unkno	own	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Changing Lanes: Unsafe Lane Changing/Drive
32775657	07/24/08	PDO	Fixed Object	ţ	Median - Not End	Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight Ahead : Tire Failure/Inadequate
32838853	12/11/08	Inj.	Fixed Object	ţ	Guide Rail - Not End	Dark - Rd Lighted	Snow/Ice	Rain	Straight and Level	NB Vehicle Going Straight Ahead : Unsafe Speed / Paveme
Collision Ty	pe Count	Pct	Potential C	ounterme	asure					
Fixed Object	9	38%	Improve ski	id resistanc	e; improve lighting; check supere	levation				
Other/Unknov	own 7	29%	Reduce Spe	ed Limits						
Overtaking	4	17%	Install raise	d/reflector	ized pavement markings					
Rear End	4	17%	Reduce Spe	ed Limits;	Improve skid resistance; check su	perelevation				
Contributing	g Factor		Pct	Contrib	uting Factor	Pct				
Pavement Sli	ippery		29%	Reaction	to Other Uninvolved Vehicle	6%				
Unsafe Speed	d		16%	Driver In	nexperience	6%				
			1	1		1 1				

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB on-ramp 23A to on-ramp 23B (southern segment) [Sheet 3]

10% Passing or Lane Usage Improper

Tire Failure/Inadequate 6% Tow Hitch Defective

10%

Driver Inattention/Distraction

Following Too Closely

Unsafe Lane Changing

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31879942	07/25/06	PDO	Fixed Object	Guide Rail - Not At End	Dusk	Wet	Clear	Straight and Level	SB Vehicle Going Straight: Pavement Slippery
31950530	09/23/06	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Curve and Level	SB Vehicle Going Straight: Driver Inattention/Distraction; SB Vehicle Stop
32029151	12/11/06	Inj.	Other/Unknown	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Veh Going Straight: Driver Inattentio/Following Too Closely; SB Veh
32070852	01/22/07	PDO	Overtaking	Other Motor Vehicle	Dark - Rd Unlighted	Wet	Rain	Straight and Level	SB Vehicle Going Straight: Unsafe Lane Changing ; SB Vehicle Merging
32100905	02/09/07	PDO	Fixed Object	Guide Rail - Not At End	Daylight	Snow/Ice	Rain	Curve and Level	SB Vehicle Going Straight: Pavement Slippery
32118103	01/29/07	Inj.	Other/Unknown	Other Motor Vehicle	Daylight	Snow/Ice	Snow	Curve and Level	SB Vehicle Going Straight: Unsafe Speed/Pavement Slippery; SB Vehicle
32237862	06/18/07	Inj.	Other/Unknown	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Veh Stopped; SB Veh Stopped: Reaction to Other Veh; SB Veh Slowin
32263782	07/16/07	Inj.	Rear End	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Vehicle Going Straight: Driver Inattention/Distraction; SB Vehicle Slov
32432669	12/20/07	PDO	Other/Unknown	Other Object (Not Fixed)	Daylight	Wet	Clear	Straight and Level	SB Vehicle Going Straight: Obstruction/Debris
32703288	08/18/08	PDO	Other/Unknown	Other/Unknown	Dark - Rd Lighted	Dry	Cloudy	Straight and Level	SB Vehicle Avoiding Object in Roadway: Reaction to Other Uninvolved V
32766348	09/18/08	PDO	Overtaking	Other Motor Vehicle	Dark - Rd Lighted	Dry	Clear	Straight and Level	SB Vehicle Going Straight: Passing or Lane Usage Improper; SB Vehicle C
32830408	12/07/08	PDO	Fixed Object	Guide Rail - Not At End	Daylight	Slush	Cloudy	Straight and Level	SE Vehicle Going Straight: Unsafe Speed / Pavement Slippery
32873640	01/10/09	Inj.	Fixed Object	Median - Not At End	Dark - Rd Lighted	Snow/Ice	Clear	Straight and Level	SB Veh Slowing or Stopping: Unsafe Speed/Pavement Slippery; SB Veh G

6% 6%

3%

ehicle Slowing or Stopping

ate

Vehicle Stopped in Traffic

involved Vehicle; NB Vehicle Going Straight

ent Slippery

Pavement Slippery ; NB Vehicle Going Straight

NB Vehicle Going Straight Ahead

bing Straight: Reaction to Other Vehicle/Pavement Slippery; Going Straight Ahead: Pavement Slippery/Following Too Closely;

B Vehicle Stopped in Traffic straction

proper; NB Vehicle Going Straight Ahead oo Closely; NB Veh Slowing: NB Veh Slowing ment Slippery; NB Vehicle Going Straight

wing Too Closely; NB Vehicle Going Straight iver Inexperience; NB Vehicle Going Straight ate ment Slippery

opped in Traffic
n Going Straight: NB Veh Going Straight
e Going Straight: SB Vehicle Going Straight
ing: Driver Inattention; SB Veh Slowing
owing or Stopping
Vehicle
Going Straight
Going Straight: Unsafe Speed/Pavement Slippery;

Collision Type	Count	Pct	Potential Countermeasure							
Other/Unknown	5	38%	Reduce Speed Limits							
Fixed Object	4	31%	Improve skid resistance; improve lighting; check superelevation							
Overtaking	3	23%	Install raised/reflectorized pavement markings							
Rear End	1	8%	Reduce Speed Limits; Improve skid resistance; check superelevation	Reduce Speed Limits; Improve skid resistance; check superelevation						
Contributing Fact	or		Pct							
Pavement Slippery			29%							
Driver Inattention/I	Distraction		19%							
Unsafe Speed			19%							
Reaction to Other U	Jninvolved V	ehicle	10%							
Following Too Clos	sely		5%							
Passing or Lane Us	age Improper	[5%							
Unsafe Lane Chang	ging		5%							
Other Vehicular			5%							
Obstruction/Debris			5%							

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB Exit 18 to Almond Street on-ramp (south central segment) [Sheet 4]

Case No.DateSeverityCollision TypeObject StruckLight ConditionsRoad SurfaceRoad CharacteristicRoad Characteristic3192581610/03/06Inj.Other/UnknownOther Motor VehicleDaylightDryClearStraight and GradeNB Veh Going Straight: Unsafe Speed/Unsafe Lane Changing; NB Veh Stopped in Traffic: NB Veh Stopped3226749707/15/07Inj.OvertakingOther Motor VehicleDaylightDryClearStraight and LevelNB Vehicle Changing Lanes: Unsafe Lane Changing; NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery;323784810/19/07PDOFixed ObjectBarrierDaylightWetRainCurve and LevelNB Vehicle Going Straight: Unsafe Speed/Unsafe Lane Changing; NB vehicle Going Straight: Pavement Slippery;3241797012/02/07PDOFixed ObjectBarrierDaylightWetRainCurve and LevelNB Vehicle Going Straight: Unsafe Speed3241797012/02/07PDOFixed ObjectOther Motor VehicleDark - Rd LightedSnow/LeeStraight and LevelNB Vehicle Going Straight: Unsafe Speed3250436702/19/08PDOOvertakingOther Motor VehicleDark - Rd LightedNetClearStraight and LevelNB Vehicle Going Straight: Unsafe Speed3251340902/28/08PDORear EndOther Motor VehicleDaylightDryClearStraight and LevelNB Vehicle Going Straight:	l in Traffic
3192581610/03/06Inj.Other/UnknownOther Motor VehicleDaylightDryClearStraight and GradeNB Veh Going Straight: Unsafe Speed/Unsafe Lane Changing; NB Veh Stopped in Traffic: NB Vehi Stopped3226749707/15/07Inj.OvertakingOther Motor VehicleDark - Rd LightedDryClearStraight and LevelNB Vehicle Changing Lanes: Unsafe Lane Changing; NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery;3236269810/09/07PDOFixed ObjectMedian – Not EndDaylightWetClearStraight and LevelNB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery;3237784810/19/07PDOFixed ObjectBarrierDaylightWetRainCurve and LevelNB Vehicle Going Straight: Driver Inexperience/Pavement Slippery3241797012/02/07PDOFixed ObjectGuide Rail - Not EndDark - Rd LightedSnow/CeClearStraight and LevelNB Vehicle Going Straight: Unsafe Speed3242706112/14/07Inj.Rear EndOther Motor VehicleDark - Rd LightedWetClearCurve and LevelNB Vehicle Slowing or Stopping: Following Too Closely / Pavement Slippery; NB Vehicle Going Straight3250436702/19/08PDOOvertakingOther Motor VehicleDaylightDryClearStraight and LevelNB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight3250436702/19/08 <td< th=""><th>l in Traffic</th></td<>	l in Traffic
3226749707/15/07Inj.OvertakingOther Motor VehicleDark - Rd LightedDryCloudyStraight and LevelNB Vehicle Changing Lanes: Unsafe Lane Changing; NB Vehicle Going Straight3236269810/09/07PDOFixed ObjectMedian – Not EndDaylightWetClearStraight and LevelNB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery;3237784810/19/07PDOFixed ObjectBarrierDaylightWetRainCurve and LevelNB Vehicle Going Straight: Driver Inexperience/Pavement Slippery3241797012/02/07PDOFixed ObjectGuide Rail - Not EndDark - Rd LightedSnow/IceClearStraight and LevelNB Vehicle Going Straight: Unsafe Speed3242706112/14/07Inj.Rear EndOther Motor VehicleDark - Rd LightedWetClearCurve and LevelNB Vehicle Slowing or Stopping: Following Too Closely / Pavement Slippery; NB Vehicle Going Straight3250436702/19/08PDOOvertakingOther Motor VehicleDaylightDryClearStraight and LevelNB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight	l in Traffic
3236269810/09/07PDOFixed ObjectMedian – Not EndDaylightWetClearStraight and LevelNB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight: Pavement Slippery;3237784810/19/07PDOFixed ObjectBarrierDaylightWetRainCurve and LevelNB Vehicle Going Straight: Driver Inexperience/Pavement Slippery3241797012/02/07PDOFixed ObjectGuide Rail - Not EndDark - Rd LightedSnow/IceClearStraight and LevelNB Vehicle Going Straight: Unsafe Speed3242706112/14/07Inj.Rear EndOther Motor VehicleDark - Rd LightedWetClearCurve and LevelNB Vehicle Slowing or Stopping: Following Too Closely / Pavement Slippery; NB Vehicle Going Straight3250436702/19/08PDOOvertakingOther Motor VehicleDaylightDryClearStraight and LevelNB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight	
32377848 10/19/07 PDO Fixed Object Barrier Daylight Wet Rain Curve and Level NB Vehicle Going Straight: Driver Inexperience/Pavement Slippery 32417970 12/02/07 PDO Fixed Object Guide Rail - Not End Dark - Rd Lighted Snow/Ice Clear Straight and Level NB Vehicle Going Straight: Unsafe Speed 32427061 12/14/07 Inj. Rear End Other Motor Vehicle Dark - Rd Lighted Wet Clear Curve and Level NB Vehicle Slowing or Stopping: Following Too Closely / Pavement Slippery; NB Vehicle Going Straight 32504367 02/19/08 PDO Overtaking Other Motor Vehicle Daylight Dry Clear Straight and Level NB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight	
32417970 12/02/07 PDO Fixed Object Guide Rail - Not End Dark - Rd Lighted Snow/Ice Clear Straight and Level NB Vehicle Going Straight: Unsafe Speed 32427061 12/14/07 Inj. Rear End Other Motor Vehicle Dark - Rd Lighted Wet Clear Curve and Level NB Vehicle Slowing or Stopping: Following Too Closely / Pavement Slippery; NB Vehicle Going Straight 32504367 02/19/08 PDO Overtaking Other Motor Vehicle Daylight Dry Clear Straight and Level NB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight	
32427061 12/14/07 Inj. Rear End Other Motor Vehicle Dark - Rd Lighted Wet Clear Curve and Level NB Vehicle Slowing or Stopping: Following Too Closely / Pavement Slippery; NB Vehicle Going Straight 32504367 02/19/08 PDO Overtaking Other Motor Vehicle Daylight Dry Clear Straight and Level NB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight	
32504367 02/19/08 PDO Overtaking Other Motor Vehicle Daylight Dry Clear Straight and Level NB Vehicle Going Straight: Passing or Lane Usage Improper; NB Vehicle Going Straight	
32513409 02/28/08 PDO Rear End Other Motor Vehicle Davlight Dry Clear Straight and Level NR Vehicle Coing Straight: Following Teo Clocally NR Vehicle Slowing or Stopping	
12213407 02120100 1 DO Real End Other Motor Playinght Dry Clear Subgit and Level AD venice Comg Subgit. Tonowing 100 Closely, ND venice Slowing of Stopping	
32514191 02/01/08 PDO Fixed Object Guide Rail - Not End Daylight Snow/Ice Clear Straight and Level NB Vehicle Going Straight: Pavement Slippery	
32521831 03/03/08 PDO Fixed Object Median - Not At End Daylight Wet Clear Straight and Level NB Vehicle Going Straight: Obstruction/Debris	
32685088 08/03/08 PDO Overtaking Other Motor Vehicle Daylight Dry Clear Straight and Level NB Vehicle Changing Lanes: Passing or Lane Usage Improper / Unsafe Speed ; NB Vehicle Going Straight	
32776936 10/21/08 Inj. Overtaking Other Motor Vehicle Daylight Wet Rain Straight and Level NB Vehicle Changing Lanes: Driver Inattention/Distraction/Unsafe Lane Changing; NB Vehicle Going Strai	ght
32861585 01/01/09 PDO Overtaking Other Motor Vehicle Daylight Dry Rain Straight and Level NB Veh Going Straight: Passing or Lane Usage Improper; NB Veh Going Straight: Passing	iproper;
32874831 01/09/09 Inj. Rear End Other Motor Vehicle Daylight Dry Clear Straight and Level NB Vehicle Going Straight: Following Too Closely/Driver Inattention/Distraction; NB Vehicle Slowing or S	opping
32877304 11/21/08 PDO Rear End Other Motor Vehicle Unknown Snow/Ice Rain Curve and Grade NB Vehicle Slowing or Stopping: NB Vehicle Slowing or Stopping	
32914465 02/17/08 PDO Rear End Other Object Daylight Wet Cloudy Curve and Level NB Vehicle Going Straight: Obstruction/Debris; NB Vehicle Going Straight	
Collision Type Count Pct Potential Countermeasure	
Rear End531%Reduce Speed Limits; Improve skid resistance; check superelevation	
Fixed Object531%Improve skid resistance; improve lighting; check superelevation	
Overtaking 5 31% Install raised/reflectorized pavement markings	
Other/Unknown 1 6% Reduce Speed Limits	
Contributing FactorPctContributing FactorPct	
Pavement Slippery22%Unsafe Lane Changing13%	
Passing or Lane Usage Improper 17% Driver Inattention/Distraction 9%	
Following Too Closely 13% Obstruction/Debris 9%	
Unsafe Speed 13% Driver Inexperience 4%	

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB on-ramp 23A to on-ramp 23B (south central segment) [Sheet 4]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
32374737	11/01/07	¥	Other/Unknown	Other Motor Vehicle	Dark - Rd Lighted	Wet	Clear	Straight and Level	SB Veh Stopped in Traffic: Traffic Control Disregarded/Passing or Lane Usage Improper; SB Veh Slowing: Following Too Closely; SB Veh Slowing: Following Too Closely
32434093	12/03/07	PDO	Rear End	Other Motor Vehicle	Daylight	Snow/Ice	Clear	Straight and Level	SB Vehicle Going Straight: Other Vehicular; SB Vehicle Going Straight
32450523	12/08/07	PDO	Overtaking	Other Motor Vehicle	Unknown	Unknown	Snow	Straight and Level	Unknown
32495821	02/13/08	PDO	Fixed Object	Median - Not At End	Daylight	Wet	Cloudy	Straight and Level	SB Vehicle Going Straight: Following Too Closely / Pavement Slippery
32653759	07/02/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Sleet/F Rain	Straight and Level	SB Vehicle Merging: Passing or Lane Usage Improper; SB Vehicle Going Straight
32730074	09/16/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Veh Merging: Passing or Lane Usage Improper; SB Veh Merging: Passing or Lane Usage Improper;
32764520	10/14/08	PDO	Rear End	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Vehicle Going Straight: Driver Inattention/Following Too Closely; SB Veh Going Straight
32830968	12/08/08	PDO	Other/Unknown	Other Motor Vehicle	Dawn	Slush	Clear	Straight and Level	SB Vehicle Going Straight: Driver Inattention/Distraction; SB Vehicle Going Straight
32882856	01/18/09	PDO	Right Angle	Other Motor Vehicle	Dark - Rd Lighted	Snow/Ice	Clear	Curve and Level	SB Vehicle Changing Lanes: Unsafe Lane Changing; SB Vehicle Going Straight
Collision Ty	ype Cour	nt Pct	Potential Countermeasur	re					
Rear End		3 3.	3% Reduce Speed Limits; Imp	prove skid resistance; chec	k superelevation				
Overtaking		3 3.	3% Install raised/reflectorized	pavement markings					
Other/Unkno	own	2 22	2% Reduce Speed Limits						
Fixed Object	t	1 1	1% Improve skid resistance; ir	nprove lighting; check su	perelevation				
Contributin	ig Factor]	Pct Contributing Factor	· Pct					
Following T	oo Closely		33% Unsafe Lane Changin	ng 7%					
Passing or L	Passing or Lane Usage Improper 27% Other Vehicular 7%								
Driver Inatte	ention/Distract	ion	13% Pavement Slippery	7%					
Traffic Cont	rol Disregarde	ed	7%						

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB Exit 18 to Almond Street on-ramp (north central segment) [Sheet 5]

Accident Experience Summary (Feb. 1, 2000			., 2000 -	Jan. 31, 20	(0) = 1-01 Maining ND Exit 10 to Am	ionu Street on-ramp		i segment) [b	meet 5]	
Case No.	Date	Severity	Collisi	on Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31948207	08/16/06	PDO	Rear E	nd	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Going Straight: Following Too Closely; NB Vehicl
32090753	02/01/07	Inj.	Other/U	Unknown	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Veh Going Straight: Driver Inattention/Driver Inexperience
32096483	01/31/07	PDO	Rear E	nd	Other Motor Vehicle	Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight: Unsafe Lane Changing/Following
32107426	02/21/07	PDO	Overta	king	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Going Straight: Other Vehicular; NB Vehicle Going
32368890	10/22/07	PDO	Rear E	nd	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Going Straight: Following Too Closely; NB Vehicl
32410700	12/02/07	PDO	Fixed (Object	Guide Rail-Not End	Dark - Rd Lighted	Snow/Ice	Rain	Straight and Level	NB Vehicle Going Straight: Unsafe Speed/Pavement Slippery
32592885	05/08/08	PDO	Fixed (Object	Median - Not End	Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Going Straight: Unsafe Speed
32647555	06/29/08	PDO	Other/U	Unknown	Other/Unknown	Daylight	Wet	Cloudy	Straight and Grade	NB Vehicle Going Straight: Pavement Defective
32696445	08/08/08	Inj.	Other/U	Unknown	Other Motor Vehicle	Daylight	Wet	Rain	Straight and Level	NB Vehicle Going Straight: Following Too Closely; NB Vehicl
32785740	11/03/08	PDO	Rear E	nd	Other Motor Vehicle	Dark - Rd Lighted	Dry	Clear	Straight and Level	NB Vehicle Going Straight: Driver Inattention/Distraction/Follo
32843682	12/18/08	PDO	Overta	king	Other Motor Vehicle	Dark - Rd Lighted	Dry	Clear	Straight and Level	NB Vehicle Going Straight: Reaction to Other Uninvolved Veh
32848544	12/18/08	Inj.	Other/U	Unknown	Other Motor Vehicle	Dark - Rd Lighted	Dry	Clear	Straight and Level	NB Veh Going Straight: Following Too Closely/Failure Yield F
Collision Typ	ре	Count	Pct	Potent	tial Countermeasure					
Rear End		4	33%	% Reduc	e Speed Limits; Improve skid resistance;	; check superelevation				
Other/Unknow	wn	4	33%	% Reduc	e Speed Limits					
Overtaking		2	17%	% Install	raised/reflectorized pavement markings					
Fixed Object	ed Object 2 17% Improve skid resistance; improve lighting; check superelevation									
Contributing	g Factor]	Pct	Contributing Factor	Pct				
Following Too Closely				32%	Unsafe Lane Changing	5%				
Driver Inattention/Distraction				11%	Driver Inexperience	5%				
Unsafe Speed	1			11%	Pavement Slippery	5%				
Reaction to O	Other Uninvol	ved Vehicle		11%	Failure to Yield Right-of-Way	5%				
Other Vehicu!	ılar			11%	Pavement Defective	5%				
Contributing Factor Following Too Closely Driver Inattention/Distraction				Pct 32% 11% 11% 11%	Contributing FactorUnsafe Lane ChangingDriver InexperiencePavement SlipperyFailure to Yield Right-of-Way	Pct 5% 5% 5% 5% 5%			-	

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB on-ramp 23A to on-ramp 23B (north central segment) [Sheet 5]

Accident Experience Summary (Feb. 1, 200				2006 – Jan. 31, 2	009) - 1-81 Mainline SB of	n-ramp 23A to on-ramp 2	23B (north central	segment) [Sne	eet 5j	
Case No.	Date	Sever	rity (Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
32065188	12/18/0	6 Inj.	(Other/Unknown	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Vehicle Changing Lanes: View Obstructed/Limited; SB Veh
32341586	09/30/0	7 Inj.	F	Fixed Object	Sign Post	Dark - Road Lighted	Dry	Rain	Straight and Grade	SB Vehicle Going Straight: Driver Inattention/Distraction/Other
32363662	10/02/0	7 PDO	F	Rear End	Other Motor Vehicle	Daylight	Dry	Rain	Straight and Grade	SW Vehicle Going Straight: Following Too Closely/ Driver Inat
32405007	11/26/0	7 PDO	(Overtaking	Other Motor Vehicle	Daylight	Wet	Clear	Straight and Grade	SB Vehicle Going Straight: Reaction to Other Uninvolved Vehi
32451937	01/04/0	8 PDO	F	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Going Straight: Following Too Closely/Driver Inatt
32699655	05/20/0	8 PDO	F	Rear End	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Vehicle Other: SB Vehicle Going Straight: Driver Inattentio
32703945	08/20/0	8 PDO	F	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Slowing or Stopping: Following Too Closely; SB V
32878945	01/10/0	9 Inj.	F	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Curve and Grade	SB Vehicle Going Straight: Following Too Closely; SB Vehicle
32885650	01/22/0	9 PDO	(Overtaking	Other Motor Vehicle	Dark - Road Lighted	Wet	Clear	Straight and Level	SB Vehicle Going Straight: Passing or Lane Usage Improper; S
32901311	12/02/0	8 PDO	PDO Overtaking Other Motor Vehicle Dusk				Dry	Clear	Straight and Level	SB Vehicle Going Straight: SB Vehicle Merging: Failure to Yie
Collision Ty	ollision Type Count Pct Potential Countermeasure									
Rear End		5	50	% Reduce Spe	ed Limits; Improve skid res	sistance; check superelevat	tion			
Overtaking		3	30	% Install raise	d/reflectorized pavement m	arkings				
Fixed Objec	t	1	10	% Improve sk	id resistance; improve lighti	ing; check superelevation				
Other/Unkn	own	1	10	% Reduce Spe	ed Limits					
Contributin	ng Factor			Pct						
Driver Inatte	ention/Distra	iction		27%						
Following T	Too Closely			27%						
Unsafe Lane	e Changing			13%						
Failure to Yield Right-of-Way 7%										
Passing or Lane Usage Improper 7%										
Othe Electro	onic Device			7%						
Reaction to	Other Uninv	olved Ve	hicle	7%						
View Obstru	ucted/Limite	d		7%						
				_						

cle Going Straight	
e; NB Vehicle Going Straight: NB Veh Going Straight	
Too Closely; NB Vehicle Going Straight	
ng Straight: Other Vehicular ;	
cle Slowing or Stopping	

nicle Stopped in Traffic: NB Vehicle Stopped in Traffic

ollowing Too Closely; NB Vehicle Slowing or Stopping

ehicle; NB Vehicle Going Straight

d ROW; NB Veh Slowing: Reaction to Other Veh; NB Veh Going Straight

ehicle Going Straight
er Electronic Device
attention/Distraction; SW Vehicle Stopped in Traffic
nicle/Unsafe Lane Changing; SB Vehicle Going Straight
ttention/Distraction; SB Vehicle Stopped in Traffic
ion/Distraction;
Vehicle Slowing or Stopping
le Slowing or Stopping
SB Vehicle Going Straight
ield Right-of-Way/Unsafe Lane Changing;

Accident Experience Summary (Feb. 1, 2			<u>, 2006 – Jan. 31, 200</u>	J9) - I-81 Mainline NB Exit	8 to Almond St	reet on-r	Road	ern segment)				
Case No.	Date	Severity	Collision Type	Object Struck	Light Condi			Weather	Road Characteristic	Description		
31810398	05/02/06	PDO	Rear End	Other Motor Vehicle	Unknown	itions -	Surface Dry	Clear	Straight and Level	NB Vehicle Starting in Traffic: NB Vehicle Stopped in Traffic		
31826776	02/26/06	PDO	Rear End	Other Motor Vehicle	Unknown		Unknown	Cloudy	Straight and Level	Unknown		
31880003	07/29/06	Inj.	Other/Unknown	Other Motor Vehicle		Daylight		Clear	Straight and Level	NB Veh Going Straight: Driver Inattention; NB Veh Slowing: NB Veh		
31881191	08/02/06	PDO	Other/Unknown	Other Motor Vehicle	Daylight			Cloudy	Straight and Level	NB Veh Stopped in Traffic: Other Vehicular; NB Veh Going Straight:		
31939952	10/04/06	PDO	Overtaking	Other Motor Vehicle	Daylight		Dry Wet	Clear	Curve and Level	NB Veh Going Straight: Driver Inattention/Distraction/Passing or Land		
32045982	01/03/07	Inj.	Rear End	Other Motor Vehicle	Dark-Rd Lig	phted	Dry	Rain	Straight and Grade	NB Veh Going Straight: Following Too Closely; NB Veh Slowing or S		
32054661	01/10/07	PDO	Sideswipe	Other Motor Vehicle	Daylight	5	Snow/Ice	Snow	Straight and Level	NB Vehicle Going Straight: NB Vehicle Merging		
32088586	02/19/07	PDO	Fixed Object	Guide Rail -Not End	Daylight		Snow/Ice	Clear	Straight and Level	NB Vehicle Going Straight: Unsafe Speed/Pavement Slippery; NB Vel		
32103299	02/19/07	PDO	Fixed Object	Guide Rail -Not End	Dawn		Snow/Ice	Rain	Curve and Grade	NB Vehicle Avoiding Object in Roadway: Reaction to Other Uninvolv		
32186564	05/04/07	Inj.	Other/Unknown	Other Motor Vehicle	Daylight		Dry	Snow	Straight and Level	NB Veh Going Straight: Driver Inattention/Following Too Closely; NB		
32194825	05/07/07	PDO	Other/Unknown	Other Motor Vehicle	Daylight		Dry	Cloudy	Curve and Level	NB Vehicle Merging: Failure to Yield Right-of-Way/View Obstructed		
32284888	08/02/07	PDO	Rear End	Other Motor Vehicle	Daylight		Dry	Clear	Straight and Level	NB Vehicle Slowing or Stopping: Following Too Closely; NB Vehicle		
32465038	12/14/07	Inj.	Fixed Object	Bridge Structure	Dark-Rd Lig	phted	Snow/Ice	Cloudy	Straight and Level	NB Vehicle Going Straight		
32570689	04/13/08	PDO	Rear End	Other Motor Vehicle	Daylight	5	Dry	Rain	Curve and Level	NB Vehicle Going Straight: Following Too Closely; NB Vehicle Goin		
32764875	10/16/08	PDO	Rear End	Other Motor Vehicle	Daylight		Dry	Cloudy	Straight and Level	NB Vehicle Going Straight: Driver Inattention/Distraction; NB Vehicle		
Collision Ty		Count	Pct	Potential Countermeasure	Dujiigiit	I	DIJ	cioudy		The ventere come outures. Driver induced on Distriction, its venter		
Rear End	pe	6	40%	Reduce Speed Limits; Impro	ve skid resistan	ce: check	superelevation	n				
Other/Unkno	own	4	27%	Reduce Speed Limits, hipro	ve skie resistan	ee, eneek	supereievatio	511				
Fixed Object		3	20%	Improve skid resistance; imp	vrove lighting: cl	heck supe	erelevation					
Overtaking	L .	1	7%		0 0							
Sideswipe		1	7%	Install raised/reflectorized pavement markings Driver inattention/unsafe operations								
Contributin	a Factor	1	Pct	Contributing Factor	Pct							
Pavement Sli	0		20%	Reaction to Other Uninvolved Vehicle								
1		tion	16%									
Unsafe Speed				Failure to Yield Right-of-W		4% 4%						
Following To			16%	View Obstructed/Limited								
Other Vehicu			12%									
))9) - I-81 Mainline SB on-ra		(-+ (1				
Accident Exp	berlence Sum	nary (red. 1, 2000 – Jan. 51, 20		<i>19) - 1-81 Mainine SD on-ra</i>	<u>IIP 25A to on-ra</u>	23A to on-ramp 23B		igment) [She				
Case No.	Date	Severity	Collision Type	Object Struck	Light Condit	tions	Road Surface	Weather	Road Characteristic	Description		
31745249	04/03/06	PDO	Overtaking	Other Motor Vehicle	Daylight		Wet	Clear	Straight and Grade	SB Vehicle Going Straight: Driver Inattention/Distraction; SB Vehic		
31994718	10/15/06	PDO	Other/Unknown	Other/Unknown	Daylight		Dry	Cloudy	Straight and Level	SB Vehicle Going Straight		
32236860	06/21/07	Inj.	Overtaking	Other Motor Vehicle	Daylight		Dry	Snow	Straight and Level	SB Vehicle Going Straight: SB Vehicle Going Straight		
32397405	11/08/07	PDO	Rear End	Other Motor Vehicle	Daylight		Dry	Cloudy	Curve and Level	SB Vehicle Going Straight: Following Too Closely; SB Vehicle Goi		
32543936	03/25/08	PDO	Other/Unknown	Other Motor Vehicle	Daylight		Dry	Cloudy	Straight and Grade	SB Veh Going Straight: Alcohol Involvement/Drugs (Illegal); SB V		
32553545	04/01/08	PDO	Other/Unknown	Other Motor Vehicle	Daylight		Wet	Clear	Straight and Level	SB Veh Going Straight: Failure to Yield Right-of-Way/Passing or L		
32627875	06/11/08	PDO	Rear End	Other Motor Vehicle	Daylight		Dry	Clear	Straight and Level	SB Veh Starting in Traffic: View Obstructed/Limited; SB Veh Chan		
32664006	07/15/08	PDO	Rear End	Other Motor Vehicle	Daylight		Dry	Clear	Straight and Level	SB Vehicle Going Straight: Following Too Closely; SB Vehicle Slo		
32750688	10/02/08	Inj.	Fixed Object	Median - Not At End	Dark - Lighte	ed	Wet	Clear	Curve and Level	SB Vehicle Going Straight: Reaction to Other Uninvolved Vehicle/F		
32880560	01/13/09	PDO	Rear End	Other Motor Vehicle	Dawn		Dry	Cloudy	Straight and Grade	SB Vehicle Going Straight: Following Too Closely; SB Vehicle Slo		
Collision Type Count Pct Potential Countermeasure			9									
			40%									
Other/Unknown 3		30%	Reduce Speed Limits									
Overtaking 2		20%	Install raised/reflectorized	avement markir	ngs							
Fixed Object 1 10%			Improve skid resistance; in	prove lighting; c	check sup	erelevation						
			Pct	Contributing Factor	<u> </u>	Pct						
Following To	0		25%	Drugs (Illegal)		8%	1					
	ane Usage Im	proper	17%	Failure to Yield Right-of-V	av	8%	1					
	ention/Distract		8%	Pavement Slippery	5	8%	1					
	Other Uninvol		8%	View Obstructed/Limited		8%	-					
Alcohol Invo			8%			670	1					
			870				J					

eh Stopped in Traffic: NB Veh Stopped in Traffic
nt: NB Veh Going Straight: NB Veh Going Straight
ane Usage Improper; NB Veh Going Straight
r Stopping: Reaction to Other Uninvolved Veh;
/ehicle Going Straight: Unsafe Speed/Pavement Slippery;
olved Vehicle/p avement Slippery
NB Veh Slowing/Stopping: NB Veh Stopped in Traffic
ed/Limited; NB Vehicle Going Straight
cle Slowing or Stopping
ing Straight
cle Stopped in Traffic

Vehicle Going Straight

Going Straight
3 Vehicle Going Straight: SB Veh Going Straight
r Lane Usage Improper; SB Veh Going Straight
hanging Lanes: Passing or Lane Usage Improper;
Slowing or Stopping
le/Pavement Slippery
Slowing or Stopping

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB Almond Street on-ramp to I-690 EB off-ramp [Sheet 7]

Case No.	Date	Severity	Collision Type		Object Struck		Light Conditions	Road Surface	Weather	Road Characteristic	Description		
31677218	02/02/06	Inj.	Sideswipe	;	Other Motor Vehicle		Daylight	Dry	Clear	Straight and Level	NB Vehicle Changing Lanes: Unsafe Lane Changing; NB Vehi		
31747176	03/14/06	PDO	Other/Unknown	n	Other/Unknown			Dry	Snow	Straight and Level	NB Vehicle Going Straight		
31878590	07/11/06	PDO	Rear End	u	Other Motor Vehicle		Unknown Daylight	Dry	Clear	Straight and Level	NB Vehicle Slowing or Stopping: Unsafe Speed/Following Tod		
32080097	01/17/07	PDO	Rear End		Other Motor Vehicle		Daylight	Wet	Rain	Straight and Level	NB Vehicle Slowing of Stopping: Following Too Closely/Pave		
32131874	02/26/07	Inj.	Other/Unknow	n	Other Motor Vehicle		Dusk	Snow/Ice	Rain	Straight and Level	NB Vehicle Stopped in Traffic: NB Vehicle Going Straight		
32133886	03/15/07	PDO	Overtaking		Other Motor Vehicle		DarkLighted	Dry	Rain	Curve at Hillcrest	NB Vehicle Going Straight: Unsafe Lane Changing; NB Vehi		
32318308	08/23/07	PDO	Fixed Object		Guide Rail - Not At End		Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight: Pavement Slippery		
32329297	09/18/07	Inj.	Overtaking		Other Motor Vehicle		Daylight	Dry	Clear	Straight and Grade	NB Vehicle Merging: Failure to Yield Right-of-Way; NB Vehi		
32559947	04/09/08	PDO	Rear End		Other Motor Vehicle		Daylight	Dry	Clear	Straight and Level	WB Vehicle Changing Lanes: Unsafe Lane Changing; WB Veh		
32647559	06/29/08	PDO	Other/Unknown	n	Other Object (Not Fixed)		Daylight	Wet	Cloudy	Straight and Level	NB Vehicle Going Straight: Pavement Defective		
32647562	06/29/08	PDO	Other/Unknown		Other/Unknown		Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight: Obstruction/Debris		
32687130	05/22/08	PDO	Rear End		Other Motor Vehicle		Daylight	Dry	Cloudy	Straight and Grade	NB Vehicle Slowing or Stopping: Following Too Closely; NB		
32703302	08/18/08	PDO	Overtaking		Other Motor Vehicle		Daylight	Dry	Cloudy	Straight and Level	NB Veh Changing Lanes: Driver Inattention/Distraction/Passin		
Collision Type			Count		Pct		Potential Cou	ntermeasure					
Rear End				4	3	31%	Reduce Speed	Limits; Improv	1				
Other/Unknown	1			4	3	31%	Reduce Speed Limits						
Overtaking			3 23%		23%	Install raised/re	eflectorized pay	vement markir					
Fixed Object				1		8%	Improve skid r	esistance; impr	ove lighting;	check superelevation			
Sideswipe				1		8%	Driver inattent	ion/unsafe oper	rations				
Contributing F	Contributing Factor		Pct	Cont	ributing Factor		Pct						
Unsafe Lane Ch	Unsafe Lane Changing		20%	Failu	re to Yield Right-of-Way		7%						
Following Too Closely 20%		20%	Passi	ng or Lane Usage Improper		7%							
			Obsti	uction/Debris	7%								
Pavement Slipp	ery		13%	Paver	nent Defective		7%						
Driver Inattentio	on/Distraction		7%										

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB Exit 18 to Almond Street on-ramp (southern segment) [Sheet 7]

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Case No.	Date	Severity	Collision Type	Objec	t Struck	Light Conditions	Road Surface	Weather	Road Characteri	stic Description
31791898	03/21/06	PDO	Overtaking	Other	Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Merging: Passing or Lane Usage Improper; SB Vehicle Going Straigl
31875473	08/04/06	PDO	Fixed Object	Guide	Rail – Not End	Dark - Rd Lighted	Wet	Clear	Curve and Level	SB Vehicle Going Straight: Unsafe Speed/Pavement Slippery
31879941	07/25/06	PDO	Rear End	Other	Motor Vehicle	Dark - Rd Lighted	Wet	Clear	Curve and Level	SB Veh Slowing: Pavement Slippery/View Obstructed; SB Veh Going Straight: I
32023370	11/17/06	PDO	Rear End	Other	Motor Vehicle	Daylight	Wet	Clear	Straight and Level	SB Vehicle Going Straight: Following Too Closely/Pavement Slippery; SB Vehic
32043453	01/10/07	PDO	Fixed Object	Guide	Rail – Not End	Daylight	Snow/Ice	Rain	Straight and Level	SE Vehicle Going Straight: Pavement Slippery
32354494	09/24/07	Inj.	Rear End	Other	Motor Vehicle	Daylight	Dry	Snow	Straight and Level	SB Vehicle Going Straight: Following Too Closely; SB Vehicle Going Straight
32445379	12/20/07	PDO	Rear End	Other	Motor Vehicle	Daylight	Wet	Clear	Curve and Level	SE Vehicle Slowing or Stopping: Following Too Closely; SE Vehicle Stopped in
32503337	02/16/08	PDO	Overtaking	Other	Motor Vehicle	Daylight	Wet	Cloudy	Straight and Level	SB Vehicle Going Straight: SB Vehicle Changing Lanes: Unsafe Lane Changing
32823208	12/03/08	PDO	Overtaking	Other	Motor Vehicle	Daylight	Dry	Cloudy	Curve and Level	SB Vehicle Going Straight: Failure to Yield Right-of-Way/Unsafe Lane Changin
32838858	12/04/08	PDO	Overtaking	Other	Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Veh Avoiding Object in Roadway: Reaction to Other Uninvolved Veh/Unsafe
Collision Ty	ре	Count	Pct		Potential Cour	ntermeasure				
Rear End		2	4	40%	Reduce Speed	Limits; Improve skid r	esistance; che	ck supereleva	tion	
Overtaking		2	4	40%	Install raised/re	eflectorized pavement	markings			
Fixed Object		2	2	20%	Improve skid re	esistance; improve ligh	nting; check su	perelevation		
Contributing	g Factor		Pct							
Pavement Sli	ppery			29%						
Following To	oo Closely			24%						
Unsafe Lane	Changing			18%						
Failure to Yie	eld Right-of-	Way		6%						
Passing or Lane Usage Improper			6%							
Reaction to Other Uninvolved Vehicle			6%							
Unsafe Speed	đ			6%						
View Obstrue	cted/Limited			6%]					

ehicle Going Straight

Too Closely; NB Vehicle Slowing or Stopping avement Slippery; NB Vehicle Slowing or Stopping

hicle Going Straight

ehicle Going Straight

Vehicle Going Straight: Unsafe Speed;

IB Vehicle Stopped in Traffic ssing or Lane Usage Improper; NB Vehicle Stopped in Traffic

ight

t: Pavement Slippery/Following Too Closely; hicle Slowing or Stopping

in Traffic

ıg;

ging; SB Vehicle Going Straight

afe Lane Changing; SB Veh Going Straight

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB I-690 EB off-ramp to I-690 WB off-ramp (southern segment) [Sheet 8]

Date	Severity	Collis	sion Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
	•		•/ •	Other Motor Vehicle	Daylight	Dry	Cloudy	Curve at Hillcrest	NB Vehicle Slowing or Stopping: Following Too Closely; NB Vehicle Slowir Following Too Closely;
11/03/08	Inj.	Rear l	End	Other Motor Vehicle	Dark - Road Lighted	Dry	Clear	Curve and Level	NB Vehicle Slowing or Stopping: Following Too Closely; NB Vehicle Slowir
01/30/09	Inj.	Rear I	End	Other Motor Vehicle	Dark - Road Lighted	Dry	Clear	Curve and Level	NB Vehicle Stopped in Traffic: Other Vehicular; NB Vehicle Going Straight
pe	Count	Pct	Potentia	l Countermeasure					
	2	67%	Reduce S	peed Limits; Improve skid	resistance; check supere	elevation			
own	1	33%	Reduce S	speed Limits					
g Factor		Pct							
oo Closely			75%						
Other Vehicular			25%						
	11/03/08 01/30/09 /pe own g Factor oo Closely	08/10/08 PDO 11/03/08 Inj. 01/30/09 Inj. /pe Count 2 2 own 1 g Factor oo Closely	08/10/08 PDO Other 11/03/08 Inj. Rear 01/30/09 Inj. Rear /pe Count Pct 2 67% own 1 33% g Factor Pct oo Closely Pct	08/10/08 PDO Other/Unknown 11/03/08 Inj. Rear End 01/30/09 Inj. Rear End /pe Count Pct Potentia 2 67% Reduce S own 1 33% Reduce S g Factor Pct Pct oo Closely 75% 75%	08/10/08 PDO Other/Unknown Other Motor Vehicle 11/03/08 Inj. Rear End Other Motor Vehicle 01/30/09 Inj. Rear End Other Motor Vehicle /pe Count Pct Potential Countermeasure 2 67% Reduce Speed Limits; Improve skid own 1 33% Reduce Speed Limits g Factor Pct oo Closely 75%	08/10/08 PDO Other/Unknown Other Motor Vehicle Daylight 11/03/08 Inj. Rear End Other Motor Vehicle Dark - Road Lighted 01/30/09 Inj. Rear End Other Motor Vehicle Dark - Road Lighted vpe Count Pct Potential Countermeasure 2 67% Reduce Speed Limits; Improve skid resistance; check superd own 1 33% Reduce Speed Limits g Factor Pct 75%	08/10/08 PDO Other/Unknown Other Motor Vehicle Daylight Dry 11/03/08 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry 01/30/09 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry vpe Count Pct Potential Countermeasure 2 67% Reduce Speed Limits; Improve skid resistance; check superelevation own 1 33% Reduce Speed Limits	08/10/08 PDO Other/Unknown Other Motor Vehicle Daylight Dry Cloudy 11/03/08 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry Clear 01/30/09 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry Clear vpe Count Pct Potential Countermeasure 2 67% Reduce Speed Limits; Improve skid resistance; check superelevation own 1 33% Reduce Speed Limits g Factor Pct oo Closely 75%	Date Severity Collision Type Object Struck Light Conditions Road Surface Weather Road Characteristic 08/10/08 PDO Other/Unknown Other Motor Vehicle Daylight Dry Cloudy Curve at Hillcrest 11/03/08 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry Clear Curve and Level 01/30/09 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry Clear Curve and Level 01/30/09 Inj. Rear End Other Motor Vehicle Dark - Road Lighted Dry Clear Curve and Level vpe Count Pct Potential Countermeasure

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB Exit 18 to Almond Street on-ramp (northern segment) [Sheet 8]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
32065153	12/28/06	PDO	Overtaking	Other Motor Vehicle	Dark - Road Lighted	Dry	Snow	Curve and Grade	SB Vehicle Going Straight: Unsafe Lane Changing; SB
32069003	01/26/07	Inj.	Fixed Object	Guide Rail - Not At End	Dark - Road Unlighted	Slush	Snow	Curve and Level	SB Vehicle Going Straight: Pavement Slippery/Unsafe S
32170839	04/11/07	Inj.	Other/Unknown	Other Motor Vehicle	Unknown	Dry	Rain	Straight and Level	SB Vehicle Going Straight: SB Vehicle Unknown
Collision Ty	ре	Count	Pct	Potential Countermeasure					
Overtaking		1	33%	Install raised/reflectorized pa	vement markings				
Other/Unkno	own	1	33%	Reduce Speed Limits					
Fixed Object		1	33%	Improve skid resistance; impr	rove lighting; check superel	evation			
Contributing	g Factor	Pct					_		
Unsafe Speed	d	33%							
Unsafe Lane	Changing	33%]						
Pavement Sli	ippery	33%]						
	FF J		1						

ving or Stopping: NB Vehicle Slowing or Stopping:

wing or Stopping

nt Ahead

BB Vehicle Going Straight fe Speed

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB I-690 EB off-ramp to I-690 WB off-ramp (northern segment) [Sheet 9]

						Light	Road			
Case No.	Date	Severity	Collision		Object Struck	Conditions		Weather	Road Characteristic	Description
31748813		Inj.	Other/Un		Other Object	Daylight	Snow/Ice	Clear	Curve and Level	NB Vehicle Changing Lanes: Pavement Slippery
31758449	02/18/06	Inj.	Fixed Object		Guide Rail - Not End	d Dawn	Snow/Ice	Snow	Straight and Level	NB Vehicle Going Straight: Pavement Slippery/View Obstructed/Lin
31763442	02/08/06	PDO	Fixed Ob	ject	Guide Rail - Not End	d Unknown	Unknown	Snow	Curve and Level	Unknown Dir. Unknown
31774097	02/24/06	Inj.	Overtakir	ng	Other Motor Vehicle	e Unknown	Unknown	Snow	Straight and Grade	Unknown Dir. Unknown
31900820	08/11/06	PDO	Overtakir	ng	Other Motor Vehicle	e Daylight	Dry	Snow	Straight and Level	NB Vehicle Changing Lanes: Unknown Dir. Unknown
32045951	01/10/07	PDO	Fixed Ob	ject	Guide Rail - Not End	d Daylight	Snow/Ice	Snow	Straight and Level	NE Vehicle Slowing or Stopping: Pavement Slippery
32098137	01/29/07	PDO	Fixed Ob	ject	Median - Not End	Daylight	Snow/Ice	Clear	Curve and Level	NB Vehicle Going Straight: Pavement Slippery
32100984	02/08/07	Inj.	Fixed Ob	ject	Bridge Structure	Daylight	Snow/Ice	Snow	Curve and Level	NB Vehicle Going Straight: Pavement Slippery
32103060	03/02/07	PDO	Fixed Ob	ject	Guide Rail - End	Daylight	Wet	Sleet/FreezRain	Curve and Grade	NB Vehicle Changing Lanes: Unsafe Lane Changing
32191172	05/13/07	PDO	Other/Un	known	Other Object	Daylight	Dry	Sleet/FreezRain	Curve and Grade	NW Vehicle Going Straight: Obstruction/Debris
32304717	08/02/07	PDO	Rear End		Other Motor Vehicle	e Daylight	Dry	Snow	Curve and Grade	NB Vehicle Slowing or Stopping: Following Too Closely; NB Vehic
32367894	10/19/07	Inj.	Other/Unknown		Other Motor Vehicle	Dark-Rd Lighted	Wet	Clear	Curve and Grade	NB Veh Going Straight: Following Too Closely/Unsafe Speed; NB
32574158	04/17/08	PDO	Overtakir	ng	Other Motor Vehicle	e Daylight	Dry	Rain	Curve and Level	NB Vehicle Changing Lanes: Passing or Lane Usage Improper; NB
32716177	09/05/08	PDO	Overtakir	ıg	Other Motor Vehicle	e Daylight	Dry	Snow	Curve and Grade	NB Vehicle Changing Lanes: Passing or Lane Usage Improper; NB
32765327	10/16/08	PDO	Rear End		Other Motor Vehicle	e Daylight	Dry	Snow	Curve and Level	NB Vehicle Going Straight: Following Too Closely; NB Vehicle Slo
32767235	10/18/08	PDO	Other/Un	known	Other Motor Vehicle	e Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Going Straight: NB Vehicle Going Straight: Failure to Y
32875464	01/12/09	PDO	Fixed Ob	ject	Guide Rail - Not End	d Daylight	Snow/Ice	Snow	Curve and Level	NB Vehicle Going Straight: Unsafe Speed
Collision	Туре	Count	Pct	Potential Count	ermeasure					
Fixed Obj	ect	7	41%	Improve skid res	istance; improve lighti	ng; check superele	evation			
Other/Un	known	4	24%	Reduce Speed L	mits					
Overtakin	g	4 24% Install raised/reflectorized pavement markings								
Rear End		2	2 12% Reduce Speed Limits; Improve skid resistance; check superelevation							
Contribu	ting Factor		Pct	Contributing Fa	ictor	Pct				
Pavement	Slippery		31%	Obstruction/Deb	ris	6%				
Following	Ilowing Too Closely 19% Unsafe Lane Changing 6%									
Unsafe Sp	nsafe Speed 13% Failure to Yield Right-of-Way 6%									
Passing of	r Lane Usage Im	proper	13%	View Obstructed	/Limited	6%				

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB I-690 EB off-ramp to I-690 EB on-ramp (southern segment) [Sheet 9]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31752288	03/14/06	Inj.	Rear End	Other Motor Vehicle	Daylight	Dry	Snow	Curve and Level	SB Vehicle Slowing or Stopping: Following Too Closely/ Drive
31906985	09/08/06	PDO	Other/Unknown	Other Motor Vehicle	Daylight	Dry	Rain	Curve and Grade	SB Vehicle Merging: Failure to Keep Right/Failure to Yield Rig
31972225	11/08/06	Inj.	Other/Unknown	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Merging: SB Vehicle Merging
32040649	01/12/07	Inj.	Other/Unknown	Other Object	Daylight	Wet	Cloudy	Straight and Level	SB Vehicle Changing Lanes: Unsafe Lane Changing; SB Vehicl
32049611	12/20/06	PDO	Rear End	Other Motor Vehicle	Dusk	Dry	Rain	Straight and Level	SB Vehicle Slowing or Stopping : SB Vehicle Slowing or Stopp
32205204	05/08/07	PDO	Other/Unknown	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Changing Lanes: Passing or Lane Usage Improper; S
32240826	06/27/07	PDO	Overtaking	Other Motor Vehicle	Dusk	Dry	Clear	Straight and Level	SB Vehicle Going Straight: SB Vehicle Changing Lanes: Unsafe
32273888	07/30/07	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Slowing or Stopping: Failure to Yield Right-of-Way
32332703	09/11/07	PDO	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Curve and Grade	SB Vehicle Slowing or Stopping: SB Vehicle Going Straight
32343186	10/06/07	PDO	Rear End	Other Motor Vehicle	Daylight	Dry	Cloudy	Curve and Grade	SB Vehicle Going Straight: Other Vehicular; SB Vehicle Going
32362714	10/13/07	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Rain	Straight and Level	SB Vehicle Merging: Failure to Yield Right-of-Way/Aggressive
32418460	11/19/07	PDO	Other/Unknown	Other Object	Daylight	Dry	Clear	Straight and Grade	SE Vehicle Changing Lanes
32575551	04/23/08	PDO	Other/Unknown	Other/Unknown	Unknown	Unknown	Clear	Curve and Level	SB Veh Going Straight: Driver Inattention/Following Too Close
32789878	11/05/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Snow	Curve and Level	SB Vehicle Changing Lanes: Unsafe Lane Changing; SB Vehicl
32859241	12/31/08	PDO	Fixed Object	Median - End	Daylight	Snow/Ice	Clear	Straight and Level	SB Vehicle Changing Lanes: Passing or Lane Usage Improper/P
Collision Ty	ype	Count	Pct Poter	tial Countermeasure					
Other/Unkne	own	6	40% Redu	ce Speed Limits					
Overtaking		4	27% Instal	l raised/reflectorized pavement mark	tings				
Rear End		4	27% Redu	ce Speed Limits; Improve skid resist	ance; check superel	evation			
Fixed Objec	Object 1 7% Improve skid resistance; improve lighting; check superelevation								

Limited
nicle Slowing or Stopping
3 Veh Slowing: NB Veh Slowing: NB Veh Slowing
3 Vehicle Going Straight
3 Vehicle Going Straight
Slowing or Stopping
Yield Right-of-Way;

ver Inattention/Distraction; SB Vehicle Slowing or Stopping Right-of-Way; SB Vehicle Going Straight: SB Vehicle Going Straight

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; SB Vehicle Going Straight: SB Vehicle Going Straight

afe Lane Changing;

ay; SB Vehicle Going Straight

ng Straight

ve Driving/Road Rage; SB Vehicle Going Straight

sely; SB Veh Slowing or Stopping: Outside Car Distraction;

icle Going Straight

Pavement Slippery

Contributing Factor	Pct	Contributing Factor	Pct
Unsafe Lane Changing	18%	Pavement Slippery	6%
Failure to Yield Right-of-Way	18%	Aggressive Driving/Road Rage	6%
Following Too Closely	12%	Other Vehicular	6%
Driver Inattention/Distraction	12%	Failure to Keep Right	6%
Passing or Lane Usage Improper	12%	Outside Car Distraction	6%

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-690 Mainline EB Between Exit 12 Ramps [Sheet 9]

Case No.	Date	Severity	Colli	sion Type	Object Struck	Light Condition	ns Road Surface	Weather	Road Characteristic	Description
32045951	1/10/2007	PDO	Fixed	l Object	Guide Rail – Not End	Daylight	Snow/Ice	Snow	Curve and Level	NE Vehicle Slowing or Stopping: Pavement Slippery
32495842	2/13/2008	PDO	Fixed	l Object	Median - Not At End	Daylight	Snow/Ice	Rain	Curve at Hillcrest	EB Vehicle Going Straight: Following Too Closely / Pav
32105244	2/20/2007	Injury	Fixed	l Object	Snow Embankment	Daylight	Wet	Cloudy	Curve at Hillcrest	EB Veh Going Straight: Aggressive Driving/Pavement St
32343186	10/6/2007	PDO	Rear	End	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Going Straight: Other Vehicular; SB Vehicle
31821672	5/18/2006	Injury	Over	taking	Other Motor Vehicle	Dark - Rd Lighte	ed Wet	Clear	Straight and Level	EB Veh Changing Lanes: Lane Usage Improper/Unsafe (
32209314	5/25/2007	PDO	Over	taking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	EB Veh Changing Lanes: Driver Inattention/Unsafe Lane
31875304	7/31/2006	PDO	Rear	End	Other Motor Vehicle	Daylight	Dry	Clear	Curve and Level	EB Veh Slowing: Reaction to Other Veh; EB Veh Slowin
32209337	5/23/2007	PDO	Rear	End	Other Motor Vehicle	Daylight	Dry	Clear	Curve and Level	EB Vehicle Going Straight: Following Too Closely; EB
32690606	8/12/2008	PDO	Rear	End	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	EB Vehicle Going Straight: Driver Inattention/Distraction
31972225	11/8/2006	Injury	Other	/Unknown	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	SB Vehicle Merging: Unknown; SB Vehicle Merging: U
Collision Ty	pe	Count	Pct	Potential Counterme	easure					
Rear End		4	40%	Reduce Speed Limits;	Improve skid resistance; cl	heck superelevation				
Fixed Object	t	3	30%	Improve skid resistant	ce; improve lighting; check	superelevation				
Overtaking		2	20%	Install raised/reflector	ized pavement markings					
Other/Unkno	own	1	10%	Reduce Speed Limits						
Contributin	g Factor		Pc	t Contributing F	actor	Pct				
Pavement Sl	ippery			21% Reaction to Oth	er Uninvolved Vehicle	14%				
Driver Inatte	ention/Distraction	n		14% Passing or Lane	e Usage Improper	7%				
Following To	Ilowing Too Closely 14% Aggressive Driving/Road Rage 7%									
Unsafe Lane	Changing			14% Other Vehicular	r	7%				
	-									

avement Slippery
t Slippery; EB Veh Going Straight: Unk
cle Going Straight: Unknown
è Chang; EB Veh Changing Lanes: Unkn
ane Chang; EB Veh Going Straight: Unk
wing: Reaction to Other Veh
B Vehicle Slowing or Stopping: Unknown
tion; EB Veh Stopped in Traffic: Unknown
Unknown

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-690 Mainline WB Between Exit 12 Ramps [Sheet 9]

Case No.	Date	Severity	Collision Type	e Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
32968696	12/22/2008	PDO	Fixed Object	Barrier	Daylight	Snow/Ice	Snow	Curve and Grade	WB Vehicle Changing Lanes: Unsafe Speed/Pavement Slippery
32548654	1/2/2008	PDO	Fixed Object	Guide Rail - Not At End	Dark - Road Lighted	Snow/Ice	Snow	Straight and Level	WB Vehicle Going Straight: Pavement Slippery; WB Vehicle Other: Pavement Slippery
32593727	5/11/2008	PDO	Fixed Object	Guide Rail - Not At End	Daylight	Dry	Clear	Straight and Level	WB Vehicle Avoiding Object in Roadway: Reaction to Other Uninvolved Vehicle
32661449	7/9/2008	Injury	Fixed Object	Guide Rail - Not At End	Dark - Road Lighted	Wet	Cloudy	Straight and Level	WB Vehicle Going Straight: Reaction to Other Uninvolved Vehicle
32821498	11/30/2008	PDO	Fixed Object	Guide Rail - Not At End	Daylight	Snow/Ice	Sleet/F Rain	Straight and Level	WB Vehicle Going Straight: Reaction to Other Uninvolved Vehicle/Pavement Slippery
32488556	2/5/2008	PDO	Rear End	Other Motor Vehicle	Dark - Road Lighted	Wet	Rain	Straight and Level	WB Vehicle Going Straight: Following Too Closely/Driver Inattention/Distraction; WB Vehicle Slowing or Stopping: Following Too Closely/Following Too Closely
32529112	3/13/2008	PDO	Other/Unknow	m Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	WB Vehicle Going Straight: Illness/Following Too Closely; WB Vehicle Going Straight: Unknown
32409114	11/15/2007	PDO	Other/Unknow	m Other Motor Vehicle	Daylight	Wet	Rain	Straight and Grade	WB Veh Making Left Turn: Alcohol Involvement/Following Too Closely; WB Veh Making Left Turn: Unknown
32664179	7/15/2008	PDO	Other/Unknow	n Other Object (Not Fixed)	Daylight	Dry	Clear	Straight and Level	WB Vehicle Going Straight: Obstruction/Debris
32676622	7/24/2008	PDO	Overtaking	Other Motor Vehicle	Daylight	Wet	Rain	Straight and Level	WB Vehicle Changing Lanes: Unsafe Lane Changing; WB Vehicle Going Straight: Unknown
32802577	11/18/2008	PDO	Overtaking	Other Motor Vehicle	Dark - Road Unlighted	Dry	Cloudy	Straight and Level	WB Vehicle Going Straight: Passing or Lane Usage Improper; WB Vehicle Going Straight: Unknown
32860698	12/31/2008	PDO	Overtaking	Other Motor Vehicle	Daylight	Snow/Ice	Snow	Straight and Level	WB Vehicle Going Straight: Unsafe Speed; WB Vehicle Going Straight: Unknown
32894133	1/26/2009	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	WB Vehicle Going Straight: Unsafe Lane Changing/Reaction to Other Uninvolved Vehicle; WB Vehicle Going Straight: Unknown
32548377	1/2/2008	PDO	Rear End	Other Motor Vehicle	Dark - Road Unlighted	Snow/Ice	Snow	Straight and Level	WB Vehicle Going Straight: Driver Inattention/Distraction; WB Vehicle Going Straight: Unknown
32553210	4/5/2008	PDO	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	WB Veh Slowing/Stopping: Driver Inattention/Distraction; WB Veh Slowing or Stopping: Unknown
32660507	6/25/2008	PDO	Rear End	Other Motor Vehicle	Unknown	Dry	Clear	Straight and Level	WB Vehicle Slowing or Stopping: Unknown; WB Vehicle Going Straight: Unknown
32752928	10/3/2008	Injury	Rear End	Other Motor Vehicle	Dark - Road Lighted	Dry	Cloudy	Straight and Level	WB Veh Slowing or Stopping: Unknown; WB Veh Going Straight: Driver Inattention/Distraction
32715011	9/2/2008	Injury	Rear End	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	WB Vehicle Changing Lanes: Driver Inattention/Distraction; WB Vehicle Stopped in Traffic
Collision Ty	ре	Count	Pct 1	Potential Countermeasure					
Rear End		6	33% 1	Reduce Speed Limits; Improve sk	tid resistance; check supere	levation			
Fixed Object		5	28% 1	mprove skid resistance; improve	lighting; check superelevat	ion			
Overtaking		4	22% 1	nstall raised/reflectorized pavem	ent markings				
Other/Unkno	wn	3	17% I	Reduce Speed Limits					
Contributing	g Factor		Pct						
Driver Inatter	ntion/Distraction		19%						
Following To	oo Closely		19%						
Reaction to C	Other Uninvolved	l Vehicle	15%						
Pavement Sli	ppery		15%						
Unsafe Speed	1		8%						
Unsafe Lane	Changing		8%						
Alcohol Invo	lvement		4%						
Illness			4%						
Passing or La	ne Usage Improj	per	4%						
Obstruction/I	Debris		4%						

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB I-690 WB off-ramp to I-690 WB on-ramp (southern segment) [Sheet 10]

Treefacile Exp	er lenee Sum	mary (red	• • • • =	000 0um 01, 1	00) I OI Mainine ND	1 0/0 mB on ful		D OH IW	mp (souther i	(Succession)	
Case No.	Date	Severity	Co	llision Type	Object Struck	Light Condition	s Road St	urface	Weather	Road Characteristic	Description
32013540	11/10/06	PDO	Otl	her/Unknown	Other Motor Vehicle	Dawn	Dry		Clear	Straight and Level	NB Vehicle Merging : Unsafe Lane Changing ; NB Vehicle Going Straigh
32389760	11/03/07	PDO	Fix	ted Object	Barrier	Daylight	Dry		Cloudy	Curve and Level	NW Vehicle Going Straight Ahead : Tire Failure/Inadequate
32423412	12/13/07	PDO	Fix	ed Object	Bridge Structure	Daylight	Snow/Ic	ce	Clear	Curve and Level	NB Vehicle Going Straight Ahead : Unsafe Speed / Pavement Slippery
32443435	11/30/07	PDO	Otl	her/Unknown	Fire/Explosion	Daylight	Dry		Cloudy	Curve and Level	NE Vehicle Going Straight Ahead : Other Vehicular
32797456	11/11/08	Inj.	Fix	ted Object	Guide Rail – Not End	Dark - Rd Lighte	ed Dry		Cloudy	Straight and Level	NB Vehicle Going Straight Ahead : Reaction to Other Uninvolved Vehicle
32925917	01/16/09	PDO	Otl	her/Unknown	Other Motor Vehicle	Daylight	Snow/Ic	ce	Cloudy	Curve and Level	NB Vehicle Going Straight Ahead : Pavement Slippery ; NB Vehicle Goin
Collision Typ	ре	Count		Pct	Potential Countermeasure						
Fixed Object			3	50%	Improve skid resistanc	Improve skid resistance; improve lighting; check supere					
Other/Unknow	wn		3	50%	Reduce Speed Limits						
Contributing	g Factor			Pct	Contributing Factor		Pct				
Pavement Slip	ppery			29%	Unsafe Lane Changing	5	14%				
Unsafe Speed			14%	Tire Failure/Inadequate		14%					
Reaction to O	Other Uninvol	ved Vehicl	e	14%	Other Vehicular		14%				
Unsafe Speed Reaction to Other Uninvolved Vehicle		e		1	e						

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB I-690 EB off-ramp to I-690 EB on-ramp (central segment) [Sheet 10]

Case No.	Date	Severity	Coll	ision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description		
32362733	10/11/07	Inj.	Rear	End	Other Motor Vehicle	Daylight	Wet	Clear	Straight and Level	SB Veh Slowing/ Stopping: Driver Inattention/Distraction/Following Too Close		
32482437	01/29/08	PDO	Rear	End	Other Motor Vehicle	Dawn	Dry	Clear	Curve and Level	SB Vehicle Avoiding Object in Roadway: Unsafe Lane Changing; SB Vehicle		
32580698	04/28/08	PDO	Rear	End	Other Motor Vehicle	Daylight	Wet	Clear	Curve and Level	SB Veh Slowing or Stopping: SB Veh Starting in Traffic: Driver Inattention/D		
32767224	10/18/08	PDO	Fixe	d Object	Median - Not End	Dark - Rd Lighted	Dry	Cloudy	Curve and Grade	SB Vehicle Going Straight: Alcohol Involvement/Unsafe Speed		
32787917	10/21/08	PDO	Ove	rtaking	Other Motor Vehicle	Dark - Rd Lighted	Wet	Clear	Straight and Level	SB Vehicle Parked: Passing or Lane Usage Improper; SB Vehicle Going Straig		
32843108	12/17/08	PDO	Rear	End	Other Motor Vehicle	Dusk	Wet	Cloudy	Curve and Grade	SB Vehicle Going Straight: Following Too Closely; SB Vehicle Slowing or St		
32880574	01/13/09	Inj.	Rear	End	Other Motor Vehicle	Daylight	Dry	Snow	Straight and Level	SB Vehicle Starting in Traffic: Following Too Closely/Driver Inattention/Distr		
Collision T	ype		Count	Pct	Potential Countermeas	ure						
Rear End			5	71%	Reduce Speed Limits; Improve skid resistance; check superelevation							
Fixed Obje	et		1	14%	Improve skid resistance; improve lighting; check superelevation							
Overtaking			1	14%	Install raised/reflectorized pavement markings							
Contributi	ng Factor			Pct								
Following 7	Foo Closely			33%								
Driver Inatt	ention/Distrac	tion		25%								
Unsafe Spe	ed			8%								
Reaction to	Reaction to Other Uninvolved Vehicle			8%								
Alcohol Inv	Alcohol Involvement			8%								
Passing or I	Passing or Lane Usage Improper			8%								
Unsafe Lan	e Changing			8%								

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-690 Mainline EB In Between Exit 11 & 12 Ramps [Sheet 10]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31792015	5/28/2006	PDO	Fixed Object	Crash Cushion Dark - Rd Lighted Dry			Clear	Straight and Level	EB Vehicle Going Straight: Driver Inexperience/Other Ve
32199145	5/11/2007	PDO	Other/Unknow	D Other Object (Not Fixed)	Unknown	Unknown	Unknown	Unknown	Unknown Dir. Unknown
32513002	2/16/2008	PDO	Overtaking	Other Motor Vehicle	Dry	Clear	Curve and Level	EB Vehicle Passing: Oversized Vehicle/Driver Inattention	
Collision Type Count		Pct	Other Motor Vehicle Daylight Dry Clear Curve and Level EB Vehicle Passing: Oversized Potential Countermeasure						
Overtaking	Overtaking 1 33% Install raised/reflectorized pavement marking								
Other/Unkno	Other/Unknown 1			Reduce Speed Limits					
Fixed Object	t	1	33%	Improve skid resistance; improve lig	ghting; check supereleva	ition			
Contributin	Contributing Factor								
Driver Inatte	Driver Inattention/Distraction		25%						
Driver Inexp	Driver Inexperience		25%						
Oversized Vehicle		25%							
Other Vehice	ular		25%						

ght Ahead
cle
ing Straight Ahead

Closely; SB Veh Slowing/Stopping

cle Going Straight n/Distraction/Following Too Closely ;

raight: Reaction to Other Vehicle;

Stopping

istraction; SB Veh Starting in Traffic

Vehicular

ion/Distraction; EB Vehicle Stopped in Traffic: Unknown

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-690 Mainline WB In Between Exit 11 & 12 Ramps [Sheet 10]

Case No.	ase No. Date Severity Collision		Collision Typ	e	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description	
32178306	4/20/2007 Injury Fixed Object		Fixed Object		Guide Rail - End	Dark - Rd Lighted	Dry	Clear	Straight and Level	NW Vehicle Going Straight: Driver Inattention/Distract	
32640329	640329 6/21/2008 PDO Fixed Object			Guide Rail - Not At End	Dawn	Dry	Clear	Straight and Level	WB Vehicle Going Straight: Reaction to Other Uninvol		
32023353	11/16/2006	PDO Overtaking			Other Motor Vehicle	Daylight	Wet	Rain	Curve and Grade	WB Veh Changing Lanes: Driver Inattention/Distractio	
32132509	509 3/11/2007 Injury Rear End			Other Motor Vehicle	Daylight	Dry	Dry Clear Straight and Level		NB Vehicle Going Straight: Failure to Yield Right-of-W		
32627532	6/10/2008	Injury	Rear End		Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	WB Vehicle Going Straight: Following Too Closely; W	
Collision Typ	Collision Type Count Pct				ential Countermeasure						
Rear End		2	40%	Redu	uce Speed Limits; Improve ski	d resistance; check supe	relevation				
Fixed Object 2 409				Improve skid resistance; improve lighting; check superelevation							
Overtaking 1 2			20%	Install raised/reflectorized pavement markings							
Contributing	g Factor		Pct								
Driver Inatter	ntion/Distraction	1	29%								
Failure to Yield Right-of-Way 14%											
Following To	o Closely		14%								
Unsafe Speed	l		14%								
Unsafe Lane	Changing		14%								
Reaction to O	ther Uninvolved	1 Vehicle	14%								

action

volved Vehicle

tion/Unsafe Lane Changing; WB Veh Going Straight: Unkn

f-Way/Unsafe Speed; NB Vehicle Going Straight: Unknown

; WB Vehicle Slowing or Stopping: Unknown

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline NB I-690 WB off-ramp to I-690 WB on-ramp (central segment) [Sheet 11]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
31771976	04/22/06	Inj.	Rear End	Other Motor Vehicle	Daylight	Wet	Cloudy	Curve and Level	NB Vehicle Going Straight: Obstruction/Debris; NB Vehicle Going Straight: Obstruction/Debris;
31782683	05/17/06	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Curve and Level	NB Vehicle Going Straight: NB Vehicle Merging: Failure to Yield Right-of-Way;
32120438	02/23/07	PDO	Fixed Object	Guide Rail - Not End	Dark - Rd Lighted	Snow/Ice	Rain	Curve and Level	NB Vehicle Going Straight: Unsafe Speed/Pavement Slippery
32148244	03/26/07	Inj.	Rear End	Other Motor Vehicle	Unknown	Unknown	Clear	Straight and Level	Unknown
32417965	12/02/07	Inj.	Fixed Object	Median - Not At End	Daylight	Snow/Ice	Clear	Curve and Level	NB Vehicle Going Straight: Pavement Slippery
32444406	12/02/07	PDO	Fixed Object	Guide Rail - Not End	Daylight	Snow/Ice	Clear	Straight and Level	NB Vehicle Changing Lanes: Pavement Slippery/Unsafe Speed
32444410	12/02/07	PDO	Fixed Object	Median	Daylight	Snow/Ice	Clear	Straight and Grade	NB Vehicle Going Straight: Pavement Slippery; NB Vehicle Going Straight
32446396	12/20/07	PDO	Other/Unknown	Other Object	Daylight	Dry	Cloudy	Curve and Grade	NB Vehicle Going Straight: Obstruction/Debris
32678512	07/09/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	WB Vehicle Merging: Failure to Yield Right-of-Way; WB Vehicle Going Straight
32697808	08/12/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Merging: NB Vehicle Merging: Driver Inattention/Distraction;
32726555	09/10/08	PDO	Overtaking	Other Motor Vehicle	Dark - Rd Lighted	Dry	Clear	Straight and Level	NB Veh Going Straight: Passing or Lane Usage Improper; NB Veh Going Straight: Unsafe Lane Changing;
32849508	12/22/08	Inj.	Fixed Object	Median - Not End	Daylight	Snow/Ice	Cloudy	Straight and Level	NB Vehicle Going Straight Ahead : Unsafe Speed
Collision Ty	pe	Count	Pct	Potential Countermeas	sure				
Fixed Object	t	5	42%	Improve skid resistance;	improve lighting; check	superelevation	1		
Overtaking		4	33%	Install raised/reflectorize	ed pavement markings				
Rear End		2	17%	Reduce Speed Limits; Ir	nprove skid resistance; o	check superelev	ation		
Other/Unkno	own	1	8%	Reduce Speed Limits					
Contributin	g Factor		Pct						
Pavement Sl	ippery		27%						
Unsafe Spee	d		20%						
Obstruction/	Debris		20%						
Failure to Yi	ield Right-of-	Way	13%						
Unsafe Lane	Changing		7%						
Driver Inatte	ention/Distract	tion	7%						
	ane Usage Im		7%						

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB I-690 EB off-ramp to I-690 EB on-ramp (northern segment) [Sheet 11]

Case No.	Date	Severity	Collision Type	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description		
32164572	04/09/07	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Rain	Straight and Level	SB Vehicle Going Straight: SB Vehicle Going Straight: Failu		
32167162	2167162 04/16/07 Inj.		Fixed Object	Guide Rail – Not End	Dark - Rd Lighted	Snow/Ice	Clear	Straight and Level	SB Vehicle Going Straight: Pavement Slippery		
32347074	2347074 09/18/07 PDO		Overtaking	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	SB Vehicle Going Straight: SB Vehicle Changing Lanes		
32390801	390801 11/01/07 Inj.		Rear End	Other Motor Vehicle	Daylight	Wet	Clear	Straight and Level	SB Vehicle Going Straight: SB Vehicle Stopped in Traffic		
32503405	2503405 02/16/08 Inj.		Rear End	Other Motor Vehicle	Daylight	Wet	Clear	Curve and Level	SB Vehicle Slowing/Stopping: Following Too Closely; SB V		
32567028	04/16/08	PDO	Overtaking	Other Motor Vehicle	Daylight	Dry	Rain	Curve and Level	SB Vehicle Changing Lanes: Driver Inattention/Distraction;		
Collision Ty	Collision Type			Pct	Potential Counterme	easure					
Overtaking	Overtaking			50%	Install raised/reflector	ized pavement mark	ings				
Rear End	End 2 33% Reduce Speed Limits; Improve skid resistance; check superelevation						perelevation				
Fixed Object	Object 1 17% Improve skid resistance; improve lighting; check superelevation						levation				
Contributin	g Factor		Pct								
Following T	oo Closely		33%								
Pavement Sl	Pavement Slippery										
Passing or L	ane Usage Impro	per	17%								
Driver Inatte	ention/Distraction		17%								
Failure to Ke	eep Right		17%								

ailure to Keep Right/Passing or Lane Usage Improper;

3 Vehicle Slowing/Stopping: Following Too Closely ; n; SB Vehicle Going Straight

Accident Exp	erience Sum	mary (Feb.)	1, 2006 – Jan.	31, 2009)	- I-81 Mainline NB I-690	WB off-ramp to 1-690 W	B on-ramp (north	ern segment) [Sh	eet 12]	
Case No.	Date	Severity	Collision Ty	pe (Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
32059144	01/26/07	Inj.	Fixed Object	: I	Bridge Structure	Daylight	Slush	Clear	Unknown	NW Vehicle Going Straight: Reaction to Other Uninvolv
	10/05/05								a 10 1	NB Veh Slowing/Stopping: NB Veh Avoiding Object in
32353330	10/05/07	Inj.	Other/Unkno		Other Motor Vehicle	Daylight	Dry	Clear	Curve and Grade	Slowing/Stopping: NB Veh Slowing/ Stopping Following
32354491 32442403	09/24/07	PDO PDO	Rear End Rear End		Other Motor Vehicle	Daylight	Dry Wet	Snow Clear	Straight and Level	NB Vehicle Changing Lanes: Unsafe Lane Changing; NF
	12/11/07	PDO PDO			Other Motor Vehicle	Dark - Rd Lighted Dark - Rd Lighted	1		Straight and Level	NB Veh Changing Lanes: Driver Inattention/Distraction/
32457955 32482488	02/01/08		Fixed Object Rear End		Guide Rail - Not End Other Motor Vehicle	Dark - Rd Lighted	Snow/Ice Snow/Ice	Cloudy Clear	Curve and Level Curve and Level	NB Vehicle Going Straight: Pavement Slippery NB Vehicle Going Straight: Unsafe Speed/Pavement Slip
32482488	02/01/08	Inj. Inj.	Fixed Object		Median - Not End	Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight: Onsale Speed/Pavenent Shp
32490919	02/15/08	PDO	Fixed Object		Guide Rail - Not End	Daylight Dark - Rd Unlighted	Snow/Ice	Clear	Curve and Grade	NB Vehicle Going Straight: Pavement Slippery/Unsafe S
32515322	02/10/08	Inj.	Other/Unkno		Other Motor Vehicle	Daylight	Wet	Clear	Curve and Level	NW Veh Slowing/Stopping: Unsafe Speed; NW Veh Sto
32520936	02/29/08	PDO	Rear End		Other Motor Vehicle	Daylight	Dry	Snow	Curve and Level	NB Vehicle Going Straight: Following Too Closely/Unsa
32528714	02/29/08	Inj.	Rear End		Other Motor Vehicle		Dry	Unknown	Unknown	NB Veh Going Straight: Pollowing 100 Closely/Ulsa NB Veh Going Straight: Driver Inattention/Unsafe Speed
	03/11/08	PDO	Rear End			Daylight	Dry	Clear		
32542763		1			Other Motor Vehicle	Daylight	1 1	1	Straight and Level	NB Vehicle Merging: Following Too Closely/Driver Inat
32564732	02/29/08	PDO	Rear End		Other Motor Vehicle	Daylight	Dry	Rain	Straight and Level	NB Vehicle Stopped in Traffic:
32618889	05/28/08	PDO	Overtaking		Other Motor Vehicle	Daylight	Dry	Unknown	Unknown	NB Vehicle Changing Lanes: Unsafe Lane Changing; NH
32636253	05/30/08	PDO	Rear End		Other Motor Vehicle	Daylight	Dry	Snow	Straight and Level	NE Vehicle Slowing or Stopping: Unsafe Lane Changing
32660308	07/02/08	PDO	Overtaking		Other Motor Vehicle	Daylight	Dry	Rain	Straight and Grade	NB Vehicle Changing Lanes: Unsafe Lane Changing; NH
32687573	08/05/08	PDO	Rear End		Other Motor Vehicle	Daylight	Dry	Clear	Curve and Level	NB Vehicle Going Straight: Following Too Closely; NB
32688449	08/08/08	PDO	Rear End		Other Motor Vehicle	Daylight	Wet	Snow	Curve and Level	NB Vehicle Slowing or Stopping: Following Too Closely
32693670	07/21/08	PDO	Overtaking		Other Motor Vehicle	Daylight	Wet	Rain	Straight and Level	NB Vehicle Going Straight: NB Vehicle Changing Lanes
32700296	06/21/08	PDO	Rear End	1	Other Motor Vehicle	Daylight	Dry	Clear	Straight and Level	NB Vehicle Slowing or Stopping: NE Vehicle Passing
32736874	09/22/08					Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Going Straight: Passing or Lane Usage Impre
32760470					Other Motor Vehicle	Daylight	Dry	Cloudy	Straight and Level	NB Vehicle Going Straight: Passing or Lane Usage Impre-
32766365	10/16/08	PDO	Overtaking	(Other Motor Vehicle	Daylight	Dry	Sleet/F Rain	Curve and Level	NE Vehicle Changing Lanes: Failure to Yield Right-of-W
32767220	10/18/08	10/18/08 Inj. Rear End		(Other Motor Vehicle	Dark - Rd Lighted	Dry	Snow	Straight and Level	NB Vehicle Merging: Following Too Closely; NB Vehic
32777551	10/23/08	10/23/08 PDO Rear End		(Other Motor Vehicle Daylight		Dry	Clear	Straight and Level	NB Vehicle Going Straight: Following Too Closely; NB
32797499	11/12/08	11/12/08 PDO Other/Unknown		own (Other Motor Vehicle Dark - Rd Lighted		Dry	Cloudy	Curve and Grade	NB Veh Going Straight: Following Too Closely; NB Veh
32864261	01/06/09	PDO	Fixed Object	. (Crash Cushion	Dark - Rd Lighted	Wet	Clear	Curve and Level	NW Vehicle Changing Lanes: Passing or Lane Usage Im
32873127	01/09/09	Inj.	Overturned	(Overturned	Daylight	Wet	Clear	Straight and Level	NB Vehicle Going Straight: Unsafe Speed
32885035	01/17/09	Inj.	Overtaking	(Other Motor Vehicle	Daylight	Wet	Rain	Curve and Level	NB Vehicle Changing Lanes: Unsafe Lane Changing; NI
32885335	01/21/09	PDO	Fixed Object	. (Guide Rail - Not End	Dark - Rd Lighted	Snow/Ice	Rain	Straight at Hillcrest	NW Vehicle Changing Lanes: Unsafe Speed/Unsafe Lane
32903766	12/22/08	PDO	Rear End		Other Motor Vehicle	Unknown	Snow/Ice	Cloudy	Straight and Grade	NB Vehicle Going Straight: NB Vehicle Going Straight
Collision Ty	ре	Count	Pct		al Countermeasure					
Rear End		14	47%	Reduce	Speed Limits; Improve skie	d resistance; check superel	evation			
Overtaking		7	23%	Install r	aised/reflectorized pavement	nt markings				
Fixed Object		5	17%	Improve	e skid resistance; improve li	ghting; check superelevati	ion			
Other/Unknow	wn	3	10%	Reduce	Speed Limits					
Overturned	Overturned 1 3% W			Widen I	Lane/Shoulder					
Contributing Factor Pct										
Following To	oo Closely			26%						
Unsafe Speed	ł			19%						
Unsafe Lane	Changing			17%						
Pavement Sli	ppery			14%						
Passing or La		proper		7%						
Driver Inatter				7%						
Failure to Yie				5%						
Reaction to C	-			2%						
Other Vehicu				2%						
			1		-					

olved Veh/Pavement Slippery

in Roadway: Following Too Closely; NB Veh Slowing/Stopping: NB Veh ring Too Closely

NB Vehicle Going Straight

on/Failure to Yield Right-of-Way; NB Veh Going Straight

Slippery; NB Vehicle Stopped in Traffic

ving Too Closely

e Speed

Stopped in Traffic: Other Vehicular; NW Veh Stopped in Traffic

nsafe Speed; NB Vehicle Slowing/Stopping

eed; NB Veh Slowing/Stopping: Unsafe Speed/Unsafe Lane Chang;

nattention; NB Vehicle Slowing or Stopping

NB Vehicle Going Straight

ing; NE Vehicle Going Straight

NB Vehicle Going Straight

B Vehicle Going Straight

sely/Pavement Slippery; NB Vehicle Stopped in Traffic

nes

proper; NB Vehicle Going Straight

proper; NB Vehicle Going Straight

f-Way/Passing or Lane Usage Improper; NE Veh Going Straight

nicle Slowing or Stopping

B Vehicle Slowing or Stopping

Veh Going Straight: Following Too Closely; NB Veh Going Straight

Improper

NB Vehicle Going Straight

ane Changing

Accident Experience Summary (Feb. 1, 2006 – Jan. 31, 2009) - I-81 Mainline SB Exit 19 off-ramp to I-690 EB off-ramp (southern segment) [Sheet 12]

3195053209/21/06PDORear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Slowing or Stopping: Following Too Closely; SB VG3218452104/26/07PDORear EndOther Motor VehicleDaylightDryRainCurve and LevelSB Vehicle Going Straight: Following Too Closely; SB VG3246034901/23/08PDORear EndOther Motor VehicleDaylightWetUnknownSB Vehicle Going Straight: Following Too Closely; SB Vehicle3250007601/29/08PDOFixed ObjectBarrierDark - Rd LightedUnknownClearStraight and LevelSB Vehicle Going Straight: Pavement Slippery3250071601/29/08PDOFixed ObjectBarrierDaylightDryClearStraight and LevelSB Vehicle Going Straight: SI Vehicle Going Stra			• •			olisi Stand					Description
3218452104/26/07PDORear EndOther Motor VehicleDaylightDryRainCurve and LevelSB Vehicle Going Straight: Following Too Closely/Glare; SB V3246634901/23/08PDORear EndOther Motor VehicleDaylightWetUnknownSB Vehicle Going Straight: Following Too Closely/Slare; SB V3248001912/26/07PDOOther/UnknownOther Motor VehicleDaylightDryUnknownSB Vehicle Going Straight: Favement Slippery325007601/29/08PDOFixed ObjectBarrierDark - Rd LightedUnknownClearStraight and LevelSB Vehicle Going Straight: Cavement Slippery3250872301/16/08Inj.Rear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: Following Too Closely/Unsafe Speed; S3250872301/16/08Inj.Rear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: Following Too Closely/Unsafe Speed; S3250872303/108PDOOther/UnknownOther Motor VehicleDaylightDryClearCurve and LevelSB Vehicle Going Straight: Following Too Closely/Unsafe Speed; S32575125803/31/08PDOFixed ObjectGuide Rait - Not EndDaylightWetClearStraight and LevelSB Vehicle Going Straight: Sevendich3267579507/21/08PDORear EndOther Motor VehicleDaylightWetClearStraight and LevelSB Vehicle Going Straight: Sevendich </th <th>Case No.</th> <th>Date</th> <th>ľ</th> <th></th> <th>1</th> <th>Object Struck</th> <th>Light Conditions</th> <th>Road Surface</th> <th>Weather</th> <th>Road Characteristic</th> <th>Description</th>	Case No.	Date	ľ		1	Object Struck	Light Conditions	Road Surface	Weather	Road Characteristic	Description
3246634901/23/08PDORear EndOther Motor VehicleDaylightWetUnknownUnknownSB Vehicle Going Straight: Following Too Closely; SB Vehicle3248001912/26/07PDOOther/UnknownOther Motor VehicleDaylightDryUnknownUnknownSB Vehicle Going Straight: Pavement Silpery325007601/29/08PDOFixed ObjectBarrierDaylightDryClearStraight and LevelSB Vehicle Going Straight: Pavement Silpery3250872301/16/08Inj.Rear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: SB Vehisle Going Straight: SB Vehisle Going Straight: Following Too Closely/Unsafe Speed; S32501102/29/08PDOOther/UnknownOther Motor VehicleDaylightDryClearCurve and LevelSB Vehicle Going Straight: SB Vehisle Speed/Pavement Slippery325512503/31/08PDORear EndOther Motor VehicleDaylightDryClearCurve and GradeSE Vehicle Changing Lanes; Unsafe Lane Changing; SB Vehicle Goin3261693105/21/08PDORear EndOther Motor VehicleDaylightWetClearStraight and LevelSB Vehicle Going Straight: Following Too Closely; SB Vehicle3275055310/01/08PDORear EndOther Motor VehicleDaylightWetSnowStraight and GradeSB Vehicle Going Straight: Following Too Closely; SB Vehicle327505310/01/08Inj.Fixed ObjectGuide Rail - Not EndDaylightWe		1				1			1	Ŭ	
3248001912/26/07PDOOther/UnknownOther Motor VehicleDaylightDryUnknownSB Veh Changing Lanes: Driver Inattention/Distraction/Failure 1325007601/29/08PDOFixed ObjectBarrierDark - Rd LightedUnknownClearStraight and LevelSW Vehicle Going Straight: Pavement Slippery3250872301/16/08Inj.Rear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: SB Vehicle Going Straight: GB Vehicle Goin				-				1 .			
3250007601/29/08PDOFixed ObjectBarrierDark - Rd LightedUnknownClearStraight and LevelSW Vehicle Going Straight: Pavement Slippery3250872301/16/08inj.Rear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: SB Vehicle Going Straight: Unsafe Speed/Pavement Slippery3255125803/31/08PDOFixed ObjectGuide Rail - Not EndDark - Rd LightedWetClearCurve and GradeSE Vehicle Going Straight: Unsafe Speed/Pavement Slippery325760704/23/08PDORear EndOther Motor VehicleDaylightWetClearStraight and LevelSB Vehicle Going Straight: SB Vehicle Going Straight: Following Too Closely: SB Vehicle Going Strai				-							
3250872301/16/08Inj.Rear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: SB Vehicle Going Straight325061102/29/08PDOOther/UnknownOther Motor VehicleDaylightDryClearCurve and LevelSB Vehicle Going Straight: Following Too Closely/Unsafe Speed, S325506104/23/08PDOFixed ObjectGuide Rail - Not EndDark - Rd LightedWetCloudyStraight and LevelSB Vehicle Coing Straight: Unsafe Speed/Parement Slippery325760704/23/08PDORear EndOther Motor VehicleDaylightDryClearStraight and LevelSB Vehicle Going Straight: Following Too Closely; SB Vehicle Going3267579507/21/08PDORear EndOther Motor VehicleDaylightWetClearStraight and LevelSB Vehicle Going Straight: Following Too Closely; SB Vehicle3267579507/21/08PDORear EndOther Motor VehicleDaylightWetSnowStraight and LevelSB Vehicle Going Straight: Following Too Closely; SB Vehicle327505310/01/08PDORear EndOther Motor VehicleDaylightDryRainStraight and LevelSB Vehicle Going Straight: Following Too Closely; SB Vehicle327565111/04/08PDORear EndOther Motor VehicleDaylightDryRainStraight and LevelSB Vehicle Going Straight: Following Too Closely; SB Vehicle3276655111/04/08PDOOther/UnknownOther Motor VehicleDaylight						Other Motor Vehicle		Dry	Unknown		
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Right Turn (Against				Right T	urn (Against						
32952971 01/29/09 PDO Other Car) Other Motor Vehicle Unknown Unknown Rain Straight and Level Unknown	32952971	32952971 01/29/09 PI			'ar)	Other Motor Vehicle	Unknown	Unknown	Rain	Straight and Level	Unknown
Collision Type Count Pct Potential Countermeasure	Collision Ty	pe	Count								
Rear End 11 52% Reduce Speed Limits; Improve skid resistance; check superelevation	Rear End		11	52%	6 Reduce Sp	peed Limits; Improve skid	resistance; check supere	elevation			
Other/Unknown 5 24% Reduce Speed Limits	Other/Unknc	own	5	24%	6 Reduce Sp	peed Limits			_		
Fixed Object 3 14% Improve skid resistance; improve lighting; check superelevation	Fixed Object	Fixed Object 3		14%	4% Improve skid resistance; improve lighting; check superelevation						
Sideswipe 1 5% Driver inattention/unsafe operations	Sideswipe	Sideswipe 1		5%	5% Driver inattention/unsafe operations						
Overtaking 1 5% Install raised/reflectorized pavement markings	Overtaking	Overtaking 1			6 Install rais	sed/reflectorized pavement	markings				
Contributing Factor Pct	Contributin	g Factor		1	Pet						
Following Too Closely 45%	Following To	Following Too Closely			45%						
Unsafe Speed 14%	Unsafe Speed				14%						
Driver Inattention/Distraction 14%	Driver Inatte	ention/Distract	ion		14%						
Unsafe Lane Changing 10%	Unsafe Lane	Changing			10%						
Pavement Slippery 7%	Pavement Sl	ippery			7%						
Reaction to Other Uninvolved Vehicle3%	Reaction to (Other Uninvol	ved Vehicle	e	3%						
Glare 3%	Glare				3%						
Failure to Yield Right-of-Way 3%	Failure to Yi	ield Right-of-V	Vay		3%						

ehicle Slowing or Stopping

ehicle Slowing or Stopping

Stopped in Traffic

to Yield Right-of-Way; SB Veh Going Straight

SB Veh Going Straight: Following Too Closely/ Unsafe Speed;

e Going Straight

g Straight

Going Straight

Going Straight: Unsafe Lane Changing;

Slowing or Stopping g Too Closely; SB Veh Going Straight: Following Too Closely;

her

Stopped in Traffic

Stopped in Traffic: SB Vehicle Stopped in Traffic

⁷ehicle Going Straight: Driver Inattention;