Collision type / Site type	Predicted average crash frequency (crashes/year)			Observed crashes, $N_{observed}$ (crashes/year)	Overdispersion Parameter, k	Weighted adjustment, w	Expected average crash frequency, $N_{expected}$
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle							
Sample Road NW 5th Avenue to SB Off Ramp	2.975	0.766	2.209	44	1.320	0.203	35.674
Sample Road SB Off Ramp to NB Off Ramp	3.903	1.004	2.899	27	1.320	0.163	23.246
Sample Road NB Off Ramp to NE 3 Avenue	3.870	0.996	2.874	40	1.320	0.164	34.085
Single-vehicle							
Sample Road NW 5th Avenue to SB Off Ramp	0.224	0.046	0.177	4	0.860	0.839	0.834
Sample Road SB Off Ramp to NB Off Ramp	0.294	0.061	0.233	3	0.860	0.798	0.840
Sample Road NB Off Ramp to NE 3 Avenue	0.291	0.060	0.231	2	0.860	0.800	0.634
INTERSECTIONS							
Multiple-vehicle							
Sample Road / NW 5th Terrace	7.498	2.295	5.203	6	0.330	0.288	6.431
Sample Road / NW 5th Avenue	8.208	2.434	5.774	19	0.330	0.270	16.090
Sample Road / NE 3rd Avenue	10.553	3.818	6.735	38	0.390	0.195	32.635
Single-vehicle							
Sample Road / NW 5th Terrace	0.303	0.079	0.224	0	0.360	0.902	0.273
Sample Road / NW 5th Avenue	0.349	0.096	0.253	2	0.360	0.889	0.533
Sample Road / NE 3rd Avenue	0.480	0.099	0.381	6	0.360	0.853	1.293
COMBINED (sum of column)	38.947	11.755	27.192	191	--	--	152.566

Sample Road No-Build and Build

Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials

Collision type / Site type	Predicted average crash frequency (crashes/year)			Observed crashes, $N_{observed}$ (crashes/year)	Overdispersion Parameter, k	Weighted adjustment, w	Expected average crash frequency, $N_{expected}$
SW 10th Street No-Build							
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle nondriveway							
SW 10th Street Military Trail to Newport Center Drive	4.512	1.170	3.342	52	1.320	0.144	45.172
SW 10th Street Newport Center Drive to SB On Ramp	1.621	0.419	1.202	37	1.320	0.318	25.733
SW 10th Street SB On Ramp to SB Off Ramp	0.737	0.190	0.547	14	1.320	0.507	7.278
SW 10th Street SB Off Ramp to NB On/Off Ramp	1.908	0.491	1.417	13	1.320	0.284	9.848
SW 10th Street NB On/Off Ramp to Natura Blvd	1.070	0.283	0.787	4	1.320	0.415	2.785
Single-vehicle							
SW 10th Street Military Trail to Newport Center Drive	0.371	0.076	0.295	1	0.860	0.758	0.523
SW 10th Street Newport Center Drive to SB On Ramp	0.129	0.027	0.103	2	0.860	0.900	0.316
SW 10th Street SB On Ramp to SB Off Ramp	0.055	0.012	0.044	3	0.860	0.954	0.190
SW 10th Street SB Off Ramp to NB On/Off Ramp	0.144	0.030	0.114	0	0.860	0.890	0.128
SW 10th Street NB On/Off Ramp to Natura Blvd	0.112	0.022	0.090	0	0.860	0.912	0.102
INTERSECTIONS							
Multiple-vehicle							
SW 10th Street / Military Trail	10.415	3.767	6.648	30	0.390	0.198	26.131
SW 10th Street / Newport Center Drive	8.303	3.067	5.237	18	0.390	0.236	15.712
SW 10th Street / Natura Blvd	8.323	2.957	5.365	9	0.390	0.236	8.840
Single-vehicle							
SW 10th Street / Military Trail	0.472	0.098	0.374	3	0.360	0.855	0.839
SW 10th Street / Newport Center Drive	0.352	0.069	0.283	0	0.360	0.888	0.312
SW 10th Street / Natura Blvd	0.406	0.088	0.318	0	0.360	0.872	0.354
COMBINED (sum of column)	38.930	12.764	26.166	186	--	--	144.265

Collision type / Site type	Predicted average crash frequency (crashes/year)			Observed crashes, $N_{observed}$ (crashes/year)	Overdispersion Parameter, k	Weighted adjustment, w	Expected average crash frequency,
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle nondriveway							
SW 10th Street Military Trail to Newport Center Drive	4.512	1.170	3.342	--	1.320	--	--
SW 10th Street Newport Center Drive to SB On Ramp	2.297	0.594	1.703	--	1.320	--	--
SW 10th Street SB Off Ramp to NB On/Off Ramp	1.908	0.491	1.417	--	1.320	--	--
SW 10th Street NB On/Off Ramp to Natura Blvd	1.070	0.283	0.787	--	1.320	--	--
Single-vehicle							
SW 10th Street Military Trail to Newport Center Drive	0.371	0.076	0.295	--	0.860	--	--
SW 10th Street Newport Center Drive to SB On Ramp	0.183	0.038	0.145	--	0.860	--	--
SW 10th Street SB Off Ramp to NB On/Off Ramp	0.144	0.030	0.114	--	0.860	--	--
SW 10th Street NB On/Off Ramp to Natura Blvd	0.112	0.022	0.090	--	0.860	--	--
INTERSECTIONS							
Multiple-vehicle							
SW 10th Street / Military Trail	10.415	3.767	6.648	--	0.390	--	--
SW 10th Street / Newport Center Drive	10.841	4.004	6.837	--	0.390	--	--
SW 10th Street / Natura Blvd	6.494	2.308	4.186	--	0.390	--	--
Single-vehicle							
SW 10th Street / Military Trail	0.472	0.098	0.374	--	0.360	--	--
SW 10th Street / Newport Center Drive	0.459	0.090	0.369	--	0.360	--	--
SW 10th Street / Natura Blvd	0.317	0.069	0.248	--	0.360	--	--
COMBINED (sum of column)	39.594	13.038	26.557	--	--	--	--

SW 10th Street Build 1

Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials

Collision type / Site type	Predicted average crash frequency (crashes/year)			Observed crashes, $N_{observed}$ (crashes/year)	Overdispersion Parameter, k	Weighted adjustment, w	Expected average crash frequency,
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
SW 10th Street Build 2							
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
ROADWAY SEGMENTS							
Multiple-vehicle nondriveway							
SW 10th Street Military Trail to Newport Center Drive	5.159	1.328	3.832	--	1.320	--	--
SW 10th Street Newport Center Drive to SB On Ramp	2.506	0.645	1.861	--	1.320	--	--
SW 10th Street SB Off Ramp to NB On/Off Ramp	1.916	0.493	1.423	--	1.320	--	--
SW 10th Street NB On/Off Ramp to Natura Blvd	1.092	0.289	0.804	--	1.320	--	--
Single-vehicle							
SW 10th Street Military Trail to Newport Center Drive	0.388	0.081	0.308	--	0.860	--	--
SW 10th Street Newport Center Drive to SB On Ramp	0.189	0.039	0.149	--	0.860	--	--
SW 10th Street SB Off Ramp to NB On/Off Ramp	0.144	0.030	0.114	--	0.860	--	--
SW 10th Street NB On/Off Ramp to Natura Blvd	0.113	0.022	0.091	--	0.860	--	--
INTERSECTIONS							
Multiple-vehicle							
SW 10th Street / Military Trail	11.399	4.168	7.231	--	0.390	--	--
SW 10th Street / Newport Center Drive	11.706	4.349	7.357	--	0.390	--	--
SW 10th Street / Natura Blvd	7.106	2.519	4.587	--	0.390	--	--
Single-vehicle							
SW 10th Street / Military Trail	0.496	0.100	0.396	--	0.360	--	--
SW 10th Street / Newport Center Drive	0.484	0.093	0.391	--	0.360	--	--
SW 10th Street / Natura Blvd	0.349	0.076	0.273	--	0.360	--	--
COMBINED (sum of column)	43.049	14.232	28.817	--	--	--	--

	SW 10th Street Build 3						
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
Collision type / Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$ (crashes/year)**	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency,**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle nondriveway							
SW 10th Street Military Trail to Newport Center Drive	5.159	1.328	3.832	--	1.320	--	--
SW 10th Street Newport Center Drive to SB On Ramp	2.506	0.645	1.861	--	1.320	--	--
SW 10th Street SB Off Ramp to NB On/Off Ramp	1.916	0.493	1.423	--	1.320	--	--
SW 10th Street NB On/Off Ramp to Natura Blvd	1.092	0.289	0.804	--	1.320	--	--
Single-vehicle							
SW 10th Street Military Trail to Newport Center Drive	0.388	0.081	0.308	--	0.860	--	--
SW 10th Street Newport Center Drive to SB On Ramp	0.189	0.039	0.149	--	0.860	--	--
SW 10th Street SB Off Ramp to NB On/Off Ramp	0.144	0.030	0.114	--	0.860	--	--
SW 10th Street NB On/Off Ramp to Natura Blvd	0.113	0.022	0.091	--	0.860	--	--
INTERSECTIONS							
Multiple-vehicle							
SW 10th Street / Military Trail	11.399	4.168	7.231	--	0.390	--	--
SW 10th Street / Newport Center Drive	11.799	4.382	7.417	--	0.390	--	--
SW 10th Street / Natura Blvd	7.114	2.521	4.593	--	0.390	--	--
Single-vehicle							
SW 10th Street / Military Trail	0.496	0.100	0.396	--	0.360	--	--
SW 10th Street / Newport Center Drive	0.489	0.094	0.394	--	0.360	--	--
SW 10th Street / Natura Blvd	0.350	0.077	0.273	--	0.360	--	--
COMBINED (sum of column)	43.154	14.268	28.886	--	--	--	--

Collision type / Site type	Predicted average crash frequency (crashes/year)			Observed crashes, $N_{observed}$ (crashes/year)	Overdispersion Parameter, k	Weighted adjustment, w	Expected average crash frequency,
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
Hillsboro Blvd No-Build							
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
ROADWAY SEGMENTS							
Multiple-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	1.531	0.395	1.136	11	1.320	0.331	7.865
Hillsboro Blvd SB Off Ramp to NB Off Ramp	2.468	0.647	1.821	13	1.320	0.235	10.527
Hillsboro Blvd NB Off Ramp to Natura Blvd	3.316	0.854	2.462	15	1.320	0.186	12.827
Single-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	0.118	0.024	0.094	3	0.860	0.908	0.384
Hillsboro Blvd SB Off Ramp to NB Off Ramp	0.232	0.046	0.186	0	0.860	0.834	0.193
Hillsboro Blvd NB Off Ramp to Natura Blvd	0.252	0.052	0.199	6	0.860	0.822	1.274
INTERSECTIONS							
Multiple-vehicle							
Hillsboro Blvd / SW 12th Avenue	9.245	3.404	5.841	18	0.390	0.217	16.099
Hillsboro Blvd / Natura Blvd	10.022	3.706	6.316	2	0.390	0.204	3.634
Single-vehicle							
Hillsboro Blvd / SW 12th Avenue	0.394	0.078	0.316	1	0.360	0.876	0.469
Hillsboro Blvd / Natura Blvd	0.421	0.082	0.339	0	0.360	0.868	0.366
COMBINED (sum of column)	27.999	9.289	18.710	69	--	--	53.638

	Hillsboro Blvd Build 1						
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
Collision type / Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$ (crashes/year)**	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, N**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	1.531	0.395	1.136	-	1.320	-	-
Hillsboro Blvd SB Off Ramp to NB Off Ramp	2.468	0.647	1.821	-	1.320	-	-
Hillsboro Blvd NB Off Ramp to Natura Blvd	3.316	0.854	2.462	-	1.320	-	-
Single-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	0.118	0.024	0.094	-	0.860	-	-
Hillsboro Blvd SB Off Ramp to NB Off Ramp	0.232	0.046	0.186	-	0.860	-	-
Hillsboro Blvd NB Off Ramp to Natura Blvd	0.252	0.052	0.199	-	0.860	-	-
INTERSECTIONS							
Multiple-vehicle							
Hillsboro Blvd / SW 12th Avenue	9.245	3.404	5.841	-	0.390	-	-
Hillsboro Blvd / Natura Blvd	10.022	3.706	6.316	-	0.390	-	-
Single-vehicle							
Hillsboro Blvd / SW 12th Avenue	0.394	0.078	0.316	-	0.360	-	-
Hillsboro Blvd / Natura Blvd	0.421	0.082	0.339	-	0.360	-	-
COMBINED (sum of column)	27.999	9.289	18.710	-	--	--	-

	Hillsboro Blvd Build 2						
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
Collision type / Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$ (crashes/year)**	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{...}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	1.457	0.377	1.080	-	1.320	-	-
Hillsboro Blvd SB Off Ramp to NB Off Ramp	3.468	0.892	2.575	-	1.320	-	-
Hillsboro Blvd NB Off Ramp to Natura Blvd	3.316	0.854	2.462	-	1.320	-	-
Single-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	0.116	0.024	0.092	-	0.860	-	-
Hillsboro Blvd SB Off Ramp to NB Off Ramp	0.261	0.054	0.207	-	0.860	-	-
Hillsboro Blvd NB Off Ramp to Natura Blvd	0.252	0.052	0.199	-	0.860	-	-
INTERSECTIONS							
Multiple-vehicle							
Hillsboro Blvd / SW 12th Avenue	8.891	3.262	5.629	-	0.390	-	-
Hillsboro Blvd / Natura Blvd	10.022	3.706	6.316	-	0.390	-	-
Single-vehicle							
Hillsboro Blvd / SW 12th Avenue	0.384	0.077	0.308	-	0.360	-	-
Hillsboro Blvd / Natura Blvd	0.421	0.082	0.339	-	0.360	-	-
COMBINED (sum of column)	28.588	9.380	19.207	-	--	--	-

							Expected
	Hillsboro Blvd Build 3						

Hillsboro Blvd Build 3							
Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials							
Collision type / Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$ (crashes/year)**	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{expected}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Multiple-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	1.460	0.377	1.082	-	1.320	-	-
Hillsboro Blvd SB Off Ramp to NB Off Ramp	3.468	0.892	2.575	-	1.320	-	-
Hillsboro Blvd NB Off Ramp to Natura Blvd	3.322	0.856	2.467	-	1.320	-	-
Single-vehicle							
Hillsboro Blvd SW 12th Avenue to SB Off Ramp	0.116	0.024	0.092	-	0.860	-	-
Hillsboro Blvd SB Off Ramp to NB Off Ramp	0.261	0.054	0.207	-	0.860	-	-
Hillsboro Blvd NB Off Ramp to Natura Blvd	0.252	0.052	0.200	-	0.860	-	-
INTERSECTIONS							
Multiple-vehicle							
Hillsboro Blvd / SW 12th Avenue	8.907	3.268	5.638	-	0.390	-	-
Hillsboro Blvd / Natura Blvd	10.039	3.713	6.326	-	0.390	-	-
Single-vehicle							
Hillsboro Blvd / SW 12th Avenue	0.385	0.077	0.308	-	0.360	-	-
Hillsboro Blvd / Natura Blvd	0.421	0.082	0.339	-	0.360	-	-
COMBINED (sum of column)	28.631	9.396	19.235	-	--	--	-