

Technical Memorandum #2 Technical Appendices
Appendix D – Crash Data

Table D-1: Intersection Identification List

ID	Location
100	Barnett Rd at Stewart Ave
200	Barnett Rd at Alba Dr
300	Barnett Rd at Highland Dr
400	Barnett Rd at Ellendale Dr
500	Garfield St at I-5 ramps
700	Garfield St at Center Dr
800	OR 99 at Garfield St
900	OR 99 at E Stewart Ave

Table D-2: Intersection Crashes

I0nt ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
100	1502161	2013	001	27.43	FIX	PDO	INTER		CLD	DLIT	WET			Yes				
100	1520726	2013	001	27.43	TURN	PDO	INTER		CLR	DUSK	DRY							
100	1524266	2013		0	REAR	INJ C	INTER		CLD	DAY	DRY							
100	1545168	2013	001	27.43	REAR	PDO	INTER		CLD	DAY	DRY							
100	1546358	2013	001	27.43	REAR	INJ B	INTER		CLR	DAY	DRY							
100	1556868	2014		0	ANGL	INJ B	INTER		RAIN	DAY	WET							
100	1556903	2014	001	27.43	TURN	PDO	INTER		CLR	DAY	DRY							
100	1593556	2014		0	TURN	PDO	INTER		CLR	DAY	DRY							
100	1593586	2014	001	27.45	REAR	INJ B	STRGHT	Yes	CLR	DAY	DRY							
100	1617824	2015	001	27.43	REAR	INJ C	INTER		CLR	DAY	DRY							
100	1628993	2015	001	27.43	TURN	INJ B	INTER		CLR	DAY	DRY							
100	1652828	2015	001	27.43	FIX	PDO	INTER		RAIN	DAY	WET							
100	1662705	2016	001	27.43	TURN	INJ B	INTER		CLD	DAY	DRY					Yes		
200	1533069	2013		0	REAR	INJ C	BRIDGE	Yes	CLR	DAY	DRY							
200	1543376	2013	001	27.73	TURN	PDO	INTER		CLR	DLIT	DRY							
200	1543379	2013		0	REAR	INJ C	INTER		CLR	DAY	DRY							
200	1666107	2016	001	27.73	REAR	INJ C	INTER		CLR	DAY	DRY							
200	1687735	2016	001	27.73	TURN	PDO	INTER		CLR	DAY	DRY							
200	1731161	2017	001	27.73	REAR	INJ C	INTER		CLR	DAY	DRY						Yes	Yes

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
300	1520546	2013		0	SS-O	PDO	INTER		CLR	DAY	DRY							
300	1520548	2013		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1523685	2013	001	27.48	PED	INJ B	INTER		CLR	DAY	DRY						Yes	
300	1532769	2013	001	27.48	TURN	PDO	INTER		CLR	DAY	DRY							
300	1533063	2013		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1536886	2013	001	27.48	ANGL	INJ B	INTER		CLR	DAY	DRY							
300	1537380	2013		0	REAR	INJ C	INTER		CLR	DAY	DRY							
300	1539659	2013	001	27.48	TURN	PDO	INTER		CLR	DAY	DRY							
300	1544194	2013		0	ANGL	PDO	INTER		UNK	DAY	UNK							
300	1552330	2014		0	TURN	PDO	INTER		CLR	DAY	DRY							
300	1556863	2014		0	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
300	1560808	2014	001	27.48	TURN	INJ B	INTER		CLD	DLIT	WET							
300	1567596	2014		0	REAR	INJ C	INTER		CLR	DAY	DRY							
300	1577950	2014	001	27.48	REAR	INJ C	INTER		UNK	DAY	UNK							
300	1578188	2014		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
300	1583054	2014		0	TURN	INJ B	INTER		CLR	DAY	DRY							
300	1588004	2014	001	27.48	REAR	INJ C	INTER		RAIN	DAY	WET							
300	1588210	2014		0	TURN	PDO	INTER		CLR	DAY	DRY							
300	1593225	2014	001	27.46	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
300	1597675	2014	001	27.48	TURN	PDO	INTER		CLR	DUSK	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
300	1616206	2015		0	REAR	INJ C	STRGHT	Yes	CLR	DUSK	DRY		Yes					
300	1616207	2015		0	REAR	INJ C	INTER		CLR	DUSK	DRY							
300	1616209	2015		0	FIX	INJ C	INTER		CLD	DAY	DRY							
300	1617829	2015		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
300	1623781	2015		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
300	1651911	2015		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1652830	2015	001	27.48	TURN	PDO	INTER		RAIN	DLIT	WET							
300	1654661	2015		0	FIX	PDO	INTER		CLR	DAY	DRY		Yes		Yes			
300	1654665	2015		0	TURN	PDO	INTER		CLR	DAY	DRY							
300	1655697	2015		0	REAR	PDO	STRGHT	Yes	CLD	DLIT	DRY							Yes
300	1662577	2016	001	27.46	REAR	INJ C	STRGHT	Yes	CLR	DUSK	DRY							
300	1662606	2016		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
300	1663731	2016		0	REAR	INJ C	INTER		CLR	DAY	DRY							
300	1679380	2016		0	REAR	INJ C	INTER		CLR	DAY	DRY							
300	1688855	2016	001	27.48	BACK	PDO	INTER		CLR	DLIT	DRY							
300	1707495	2016	001	27.48	TURN	PDO	INTER		CLD	DAY	DRY							
300	1709084	2016		0	REAR	PDO	INTER		CLR	DAY	DRY			Yes				
300	1709804	2016		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1735335	2017		0	REAR	INJ C	INTER		CLR	DAY	DRY							
300	1753224	2017		0	REAR	PDO	INTER		CLD	DLIT	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
300	1753522	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1753805	2017	001	27.48	ANGL	PDO	INTER		CLR	DAY	DRY							
300	1755898	2017		0	TURN	PDO	INTER		CLR	DAY	DRY							
300	1757316	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1760242	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							
300	1762354	2017	001	27.48	TURN	PDO	INTER		CLR	DAY	DRY							
400	1572679	2014		0	REAR	INJ B	INTER		CLR	DAY	DRY							
400	1617831	2015		0	REAR	INJ C	STRGHT	Yes	CLD	DAY	DRY							
400	1627326	2015		0	REAR	INJ C	STRGHT	Yes	CLD	DAY	WET							
400	1653353	2015		0	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY		Yes					
400	1654549	2015		0	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
400	1655306	2015		0	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY		Yes					Yes
400	1662685	2016		0	REAR	INJ C	STRGHT	Yes	CLD	DAY	DRY		Yes					
400	1663025	2016		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
400	1710322	2016		0	ANGL	PDO	INTER		RAIN	DAY	WET							
400	1731935	2017		0	REAR	INJ C	INTER		CLR	DAY	DRY						Yes	
400	1755124	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							Yes

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
500	1501686	2013	001	27.21	TURN	PDO	INTER		UNK	DLIT	UNK							
500	1501702	2013	001	27.92	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1511324	2013	001	27.26	TURN	PDO	INTER		RAIN	DAY	WET							
500	1520554	2013	001	27.92	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1523696	2013	001	27.14	REAR	PDO	INTER		CLR	DAY	DRY							
500	1528060	2013	001	27.92	REAR	INJ C	INTER		RAIN	DLIT	WET							Yes
500	1536820	2013	001	27.26	TURN	PDO	INTER		CLR	DLIT	DRY							
500	1536825	2013	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY							Yes
500	1536828	2013	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY							
500	1536884	2013	001	27.21	TURN	PDO	INTER		CLR	DAY	DRY							
500	1536889	2013	001	27.21	OTH	PDO	INTER		CLR	DAY	DRY							
500	1536890	2013	001	27.24	TURN	PDO	INTER		CLR	DAY	DRY							
500	1539724	2013	001	27.21	FIX	INJ C	INTER		CLR	DAY	DRY							
500	1539797	2013	001	27.93	REAR	PDO	INTER		UNK	DAY	UNK							
500	1543446	2013	001	27.19	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1546527	2013	001	27.14	REAR	INJ C	INTER		RAIN	DLIT	WET							
500	1552348	2014	001	27.26	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1556536	2014	001	27.14	REAR	INJ C	INTER		CLR	DLIT	DRY							
500	1563691	2014	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY							
500	1563696	2014	001	27.24	REAR	PDO	INTER		CLR	DAY	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
500	1567491	2014	001	27.21	REAR	PDO	INTER		CLR	DAY	DRY							
500	1582881	2014	001	27.19	REAR	PDO	INTER		CLR	DAY	DRY							
500	1588013	2014	001	27.24	TURN	PDO	INTER		CLR	DAY	DRY							
500	1588036	2014	001	27.92	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1593149	2014	001	27.24	FIX	PDO	INTER		CLR	DAY	DRY		Yes					
500	1593201	2014	001	27.21	REAR	PDO	INTER		CLR	DAY	DRY							
500	1600379	2014	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY							
500	1617710	2015	001	27.21	TURN	INJ C	INTER		CLR	DAY	DRY							
500	1619178	2015	001	27.14	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1619191	2015	001	27.92	REAR	INJ C	INTER		CLD	DAY	DRY							
500	1619203	2015	001	27.21	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1623607	2015	001	27.26	FIX	INJ B	INTER		CLR	DAWN	DRY		Yes					Yes
500	1626070	2015	001	27.19	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1628446	2015	001	27.92	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1652805	2015	001	27.26	FIX	PDO	INTER		CLD	DLIT	WET							
500	1653583	2015	001	27.24	TURN	PDO	INTER		CLR	DAY	DRY							
500	1653716	2015	001	27.21	TURN	PDO	INTER		CLR	DAY	DRY							
500	1653994	2015	001	27.21	TURN	PDO	INTER		CLD	DUSK	DRY							
500	1654904	2015	001	27.2	REAR	PDO	INTER		CLR	DAY	DRY							
500	1655096	2015	001	27.2	REAR	PDO	INTER		CLR	DAY	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
500	1655111	2015	001	27.21	REAR	PDO	INTER		CLR	DAY	DRY							
500	1655166	2015	001	27.19	REAR	PDO	INTER		CLR	DAY	DRY							
500	1655556	2015	001	27.57	SS-O	PDO	INTER		CLR	DAWN	DRY							
500	1659941	2016	001	27.21	REAR	INJ C	INTER		RAIN	DLIT	WET							
500	1662582	2016	001	27.19	REAR	INJ C	INTER		CLD	DAY	DRY							
500	1664452	2016	001	27.21	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1664645	2016	001	27.92	TURN	INJ A	INTER		CLR	DAY	DRY							
500	1666163	2016	001	27.21	TURN	INJ C	INTER		CLR	DAY	DRY							
500	1669863	2016	001	27.19	REAR	INJ C	INTER		CLR	DLIT	DRY							
500	1687722	2016	001	27.21	REAR	PDO	INTER		CLR	DAY	DRY							
500	1688971	2016	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY							
500	1707241	2016	001	27.21	REAR	PDO	INTER		CLR	DAY	DRY							
500	1709022	2016	001	27.21	TURN	PDO	INTER		CLR	DAY	DRY							
500	1709044	2016	001	27.92	TURN	PDO	INTER		CLR	DAY	DRY							
500	1709185	2016	001	27.92	TURN	PDO	INTER		CLR	DAY	DRY							
500	1710250	2016	001	27.19	TURN	PDO	INTER		CLR	DAY	DRY							
500	1710464	2016	001	27.21	TURN	PDO	INTER		CLR	DAY	DRY							
500	1735166	2017	001	27.92	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1736067	2017	001	27.92	REAR	INJ C	INTER		CLR	DAY	DRY							
500	1738046	2017	001	27.21	REAR	INJ C	INTER		CLR	DAY	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
500	1754395	2017	001	27.21	TURN	PDO	INTER		CLR	DAY	DRY							
500	1755486	2017	001	27.19	TURN	PDO	INTER		CLR	DAY	UNK							
500	1756138	2017	001	27.19	TURN	PDO	INTER		CLR	DAY	DRY							
500	1757148	2017	001	27.24	REAR	PDO	INTER		CLR	DUSK	DRY							
500	1757887	2017	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY							
500	1759191	2017	001	27.26	TURN	PDO	INTER		CLR	DUSK	DRY							
500	1762287	2017	001	27.92	REAR	PDO	INTER		CLR	DAY	DRY		Yes					
700	1501705	2013	001	26.95	ANGL	PDO	INTER		CLR	DAY	DRY							
700	1520537	2013	001	26.95	REAR	PDO	INTER		CLR	DAY	DRY							
700	1521307	2013	001	26.95	REAR	INJ C	INTER		CLR	DAWN	DRY							
700	1528094	2013	001	26.95	TURN	PDO	INTER		CLR	DAY	DRY							
700	1532751	2013	001	26.95	TURN	INJ B	INTER		CLR	DAY	DRY							
700	1532760	2013	001	26.95	REAR	PDO	INTER		CLR	DAY	DRY							
700	1560456	2014	001	26.95	TURN	INJ C	INTER		CLR	DAY	DRY							
700	1567473	2014	001	26.96	BACK	PDO	STRGHT	Yes	CLR	DAY	DRY							
700	1572594	2014	001	26.95	TURN	PDO	INTER		CLR	DAY	DRY							
700	1577944	2014	001	26.95	TURN	INJ B	INTER		CLR	DAY	DRY							
700	1597014	2014	001	26.95	TURN	INJ B	INTER		CLD	DLIT	DRY							
700	1598584	2014	001	26.95	TURN	PDO	INTER		RAIN	DAY	WET							
700	1617689	2015	001	26.95	TURN	INJ C	INTER		CLR	DLIT	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
700	1626765	2015	001	26.95	TURN	INJ B	INTER		CLR	DAY	DRY							
700	1653565	2015	001	26.95	TURN	PDO	INTER		RAIN	DLIT	WET							
700	1655027	2015	001	26.95	REAR	PDO	INTER		CLR	DAY	DRY							
700	1655153	2015	001	26.95	BACK	PDO	INTER		CLR	DAY	DRY							Yes
700	1655379	2015	001	26.95	REAR	PDO	INTER		CLD	DAY	DRY							
700	1655422	2015		0	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
700	1655423	2015	001	26.95	REAR	PDO	INTER		CLR	DLIT	DRY							
700	1656102	2015		0	SS-O	PDO	STRGHT	Yes	CLR	DAY	DRY							
700	1656207	2015	001	26.96	REAR	PDO	STRGHT	Yes	CLR	DLIT	DRY							
700	1665576	2016		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY			Yes				
700	1670536	2016	001	26.95	TURN	INJ B	INTER		CLR	DAY	DRY							
700	1689621	2016	001	26.95	TURN	PDO	INTER		CLR	DLIT	DRY							
700	1690711	2016	001	26.95	TURN	PDO	INTER		CLR	DLIT	WET							
700	1704801	2016	001	26.95	TURN	PDO	INTER		CLR	DAY	DRY							
700	1708994	2016	001	26.95	REAR	PDO	INTER		CLR	DAY	DRY							Yes
700	1731940	2017	001	26.95	REAR	INJ C	INTER		CLR	DAY	DRY							Yes
700	1735462	2017	001	26.95	TURN	INJ C	INTER		CLR	DAY	DRY							
700	1736229	2017	001	26.95	ANGL	INJ B	INTER		CLR	DLIT	DRY							
700	1736638	2017	001	26.95	TURN	INJ C	INTER		RAIN	DAY	WET		Yes					
700	1738312	2017	001	26.95	TURN	INJ B	INTER		CLD	DAY	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
700	1753902	2017	001	26.95	TURN	PDO	INTER		CLD	DAY	DRY							
700	1758978	2017	001	26.95	TURN	PDO	INTER		CLR	DARK	DRY							
700	1759271	2017	001	26.95	REAR	PDO	INTER		CLR	DAY	DRY							Yes
700	1762228	2017	001	26.95	TURN	PDO	INTER		CLR	DLIT	DRY							
800	1520536	2013	001	26.76	REAR	INJ C	INTER		CLR	DAY	DRY							
800	1528209	2013	001	26.76	REAR	INJ C	INTER		CLR	DAY	DRY							
800	1543296	2013	063	8.56	ANGL	INJ C	INTER		CLR	DAY	DRY							
800	1544205	2013	001	26.76	REAR	PDO	INTER		CLR	DAY	DRY							
800	1544292	2013	001	26.76	TURN	PDO	INTER		CLR	DARK	DRY							
800	1556223	2014	001	26.76	REAR	PDO	INTER		CLR	DAY	DRY							
800	1556225	2014	001	26.76	SS-O	PDO	INTER		CLR	DLIT	DRY							
800	1560222	2014	063	8.57	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
800	1563697	2014	001	26.76	REAR	PDO	INTER		UNK	DAY	UNK							
800	1572326	2014	063	8.56	TURN	PDO	INTER		CLR	DAY	DRY							
800	1592947	2014	063	8.56	REAR	INJ C	INTER		CLR	DAY	DRY							
800	1596890	2014	063	8.59	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
800	1598132	2014	063	8.56	TURN	PDO	INTER		CLR	DLIT	DRY							
800	1626497	2015	063	8.56	REAR	INJ B	INTER		CLR	DAY	DRY							
800	1653522	2015	063	8.56	REAR	PDO	INTER		CLR	DAY	DRY					Yes		
800	1663209	2016	063	8.56	ANGL	INJ B	INTER		CLR	DLIT	DRY		Yes	Yes				

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
800	1664548	2016	001	26.76	REAR	INJ C	INTER		CLR	DAY	DRY							
800	1669230	2016		0	REAR	INJ B	INTER		CLR	DLIT	DRY		Yes					
800	1670044	2016	063	8.56	REAR	INJ C	INTER		CLR	DAY	DRY							
800	1670526	2016	001	26.78	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
800	1687675	2016	063	8.59	REAR	PDO	INTER		CLR	DAY	DRY							
800	1688995	2016	001	26.78	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
800	1704750	2016	063	8.56	TURN	PDO	INTER		CLD	DAY	WET							
800	1709600	2016	063	8.57	REAR	PDO	STRGHT	Yes	CLR	DLIT	DRY							
800	1709806	2016	001	26.76	TURN	PDO	INTER		CLR	DAY	DRY							
800	1728983	2017	001	26.76	REAR	INJ B	INTER		RAIN	DAY	WET							
800	1732853	2017	063	8.56	TURN	INJ C	INTER		CLR	DAY	DRY					Yes		
800	1734650	2017	063	8.56	REAR	INJ C	INTER		SMOK	DAY	DRY							Yes
800	1735744	2017	001	26.76	ANGL	INJ B	INTER		CLR	DAY	DRY							
800	1736370	2017	001	26.76	REAR	INJ C	INTER		CLR	DAY	DRY							
800	1736668	2017		0	BACK	INJ C	INTER		RAIN	DAY	WET							
800	1738620	2017	063	8.56	TURN	INJ C	INTER		CLD	DLIT	DRY							
800	1755196	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							
800	1759941	2017	063	8.56	TURN	PDO	INTER		CLR	DUSK	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
900	1529463	2013		0	REAR	PDO	STRGHT	Yes	CLD	DAY	DRY							
900	1529519	2013		0	ANGL	PDO	INTER		CLD	DAY	DRY							Yes
900	1537156	2013		0	REAR	INJ C	STRGHT	Yes	SMOK	DAY	DRY							
900	1545651	2013		0	REAR	INJ C	INTER		CLR	DARK	DRY							
900	1546033	2013	063	8.13	REAR	INJ C	INTER		CLR	DAY	DRY							
900	1546306	2013		0	SS-O	PDO	INTER		CLR	DARK	DRY							
900	1547375	2013		0	ANGL	PDO	INTER		CLD	DARK	DRY							
900	1578121	2014		0	REAR	PDO	INTER		CLR	DAY	DRY							
900	1588106	2014		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
900	1588161	2014		0	REAR	PDO	INTER		CLR	DAY	DRY							Yes
900	1588192	2014		0	ANGL	INJ B	INTER		CLR	DLIT	DRY							
900	1593378	2014	063	8.13	ANGL	INJ B	INTER		RAIN	DLIT	WET							
900	1620700	2015		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY			Yes				
900	1627446	2015		0	REAR	INJ C	STRGHT	Yes	CLR	DAY	DRY							
900	1627905	2015	063	8.13	REAR	INJ C	INTER		CLD	DAY	WET							
900	1653688	2015		0	REAR	PDO	INTER		CLD	DAY	WET							
900	1654520	2015		0	REAR	PDO	INTER		UNK	DARK	UNK							
900	1654529	2015	063	8.15	REAR	PDO	STRGHT	Yes	CLD	DAY	DRY							Yes
900	1656442	2015	063	8.13	TURN	PDO	INTER		CLR	DAY	DRY							
900	1660587	2016	063	8.13	REAR	INJ C	INTER		CLR	DAY	DRY							

Table D-2: Intersection Crashes, continued

Int ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
900	1662541	2016	063	8.13	REAR	INJ B	INTER		CLD	DAY	WET							
900	1668142	2016		0	REAR	INJ C	INTER		CLR	DLIT	DRY							Yes
900	1668371	2016		0	REAR	INJ C	INTER		CLR	DAY	DRY							
900	1689289	2016		0	REAR	PDO	STRGHT	Yes	CLD	DAY	DRY							
900	1695078	2016	063	8.15	REAR	PDO	STRGHT	Yes	CLR	DAY	DRY							
900	1708843	2016	063	8.13	TURN	PDO	INTER		CLR	DAY	DRY							
900	1733942	2017		0	FIX	INJ A	INTER		CLR	DAY	DRY							
900	1735271	2017		0	REAR	INJ C	INTER		CLR	DAY	DRY						Yes	
900	1736071	2017		0	REAR	INJ C	INTER		CLD	DAY	DRY							Yes
900	1755478	2017	063	8.13	TURN	PDO	INTER		CLR	DARK	DRY							
900	1756350	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							
900	1757886	2017		0	REAR	PDO	INTER		CLR	DAY	DRY							Yes

Table D-3: Interstate Ramp and Mainline Segments List

ID	Location
1	I-5 SB off ramp (WX, WY)
2	I-5 SB on ramp (WZ, XA)
3	I-5 NB off ramp (WS, WT)
4	I-5 NB on ramp (WV, WW)
6.1.1	I-5 SB MN (Rd 1) north of SB off ramp
6.1.2	I-5 SB MN (Rd 1) between ramps
6.1.3	I-5 SB MN (Rd 1) south of SB off ramp
6.2.1	I-5 NB MN (Rd 2) south of NB off ramp
6.2.2	I-5 NB MN (Rd 2) between ramps
6.2.3	I-5 NB MN (Rd 2) north of NB on ramp

Table D-4: Interstate Ramp and Mainline Segment Crashes

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
1	1615935	2015	001	27.9	REAR	INJ A	STRGHT		CLR	DLIT	DRY							
1	1627050	2015	001	27.85	REAR	INJ C	STRGHT		CLR	DAY	DRY							
1	1729410	2017	001	27.89	REAR	INJ C	GRADE		RAIN	DAWN	WET							
1	1731674	2017	001	27.85	REAR	INJ C	STRGHT		CLR	DAWN	DRY							
1	1755620	2017	001	27.69	FIX	PDO	STRGHT		CLR	DAY	DRY	Yes						Yes
2	1622308	2015	001	26.77	REAR	INJ C	STRGHT		CLD	DAY	DRY							
2	1627139	2015	001	27.09	REAR	INJ C	CURVE		CLR	DAY	DRY							
2	1667078	2016	001	26.73	FIX	INJ B	STRGHT		CLR	DARK	DRY	Yes		Yes				
2	1690625	2016	001	26.64	REAR	PDO	BRIDGE		CLR	DAY	DRY							Yes
2	1735211	2017	001	27.09	REAR	INJ C	CURVE		CLR	DAY	DRY							Yes
2	1774475	2017	001	27.06	SS-O	PDO	STRGHT		CLR	DAY	DRY							
3	1626881	2015	001	27.13	REAR	INJ A	STRGHT		CLR	DAY	DRY							
4	1528120	2013	001	27.54	REAR	PDO	STRGHT		CLR	DAY	DRY		Yes					
4	1563689	2014	001	27.55	REAR	INJ C	STRGHT		CLR	DAY	DRY							
4	1593210	2014	001	27.28	SS-O	PDO	STRGHT		CLR	DLIT	DRY							
4	1670056	2016	001	27.38	REAR	INJ C	TRANS		CLR	DAY	DRY							
4	1710380	2016	001	27.35	SS-O	PDO	TRANS		UNK	DAY	UNK							
4	1734144	2017	001	27.23	SS-O	INJ C	CURVE		CLR	DAY	DRY							
4	1738343	2017	001	27.36	FIX	INJ C	CURVE		CLR	DLIT	DRY	Yes	Yes					
4	1757120	2017	001	27.2	REAR	PDO	STRGHT		CLD	DAY	DRY							Yes

Table D-4: Interstate Ramp and Mainline Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
6.1.1	1539716	2013	001	28	FIX	PDO	STRGHT		CLR	DAY	DRY	Yes						
6.1.1	1547538	2013	001	28	FIX	INJ C	STRGHT		CLR	DAY	ICE	Yes						
6.1.1	1593299	2014	001	28	REAR	PDO	STRGHT		CLR	DAY	DRY		Yes					
6.1.1	1599639	2014	001	28.52	SS-O	PDO	CURVE		CLR	DARK	DRY							
6.1.1	1626660	2015	001	27.73	REAR	INJ B	STRGHT		CLR	DAY	DRY							
6.1.1	1627343	2015	001	28.44	SS-O	INJ C	CURVE		RAIN	DARK	WET							
6.1.1	1627533	2015	001	27.82	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
6.1.1	1627555	2015	001	27.58	REAR	INJ C	STRGHT		RAIN	DLIT	WET							
6.1.1	1627760	2015	001	28.57	REAR	INJ B	STRGHT		CLD	DAY	DRY							
6.1.1	1651909	2015	001	27.9	REAR	PDO	STRGHT		CLR	DAY	DRY							
6.1.1	1655770	2015	001	28	SS-O	PDO	STRGHT		RAIN	DAWN	WET							
6.1.1	1660528	2016	001	27.9	FIX	INJ B	STRGHT		CLR	DAY	DRY	Yes						
6.1.1	1669632	2016	001	27.62	REAR	INJ C	STRGHT		CLD	DAY	WET							Yes
6.1.1	1688529	2016	001	28.07	SS-O	PDO	STRGHT		CLR	DAY	DRY							
6.1.1	1708785	2016	001	28	REAR	PDO	STRGHT		RAIN	DARK	WET							
6.1.1	1730151	2017	001	28.3	SS-O	INJ B	STRGHT		CLD	DAY	DRY		Yes					Yes
6.1.1	1732678	2017	001	27.82	REAR	INJ C	STRGHT		CLR	DAY	DRY		Yes					Yes
6.1.1	1734576	2017	001	28.09	REAR	INJ A	STRGHT		CLR	DAY	DRY		Yes					
6.1.1	1754248	2017	001	27.67	REAR	PDO	STRGHT		CLR	DAY	WET							
6.1.1	1755622	2017	001	28.07	SS-O	PDO	STRGHT		CLR	DAY	DRY							

Table D-4: Interstate Ramp and Mainline Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
6.1.1	1759087	2017	001	27.97	SS-O	PDO	STRGHT		CLD	DAY	WET							
6.1.2	1523792	2013	001	27	REAR	PDO	STRGHT		CLR	DAY	DRY		Yes					
6.1.2	1547480	2013	001	27.35	FIX	INJ B	STRGHT		CLR	DAY	ICE	Yes	Yes					
6.1.2	1557571	2014	001	27	REAR	PDO	STRGHT		CLD	DUSK	WET							Yes
6.1.2	1597639	2014	001	27.45	REAR	INJ C	STRGHT		CLR	DAY	DRY							
6.1.2	1598788	2014	001	27.39	REAR	PDO	STRGHT		CLD	DARK	DRY							Yes
6.1.2	1652909	2015	001	27.22	TURN	PDO	INTER		CLR	DAY	DRY							
6.1.2	1709747	2016	001	27.55	SS-O	PDO	STRGHT		CLR	DAY	DRY							
6.1.2	1754252	2017	001	27.1	FIX	PDO	GRADE		CLD	DAY	WET	Yes	Yes					
6.1.2	1762161	2017	001	27	SS-O	PDO	STRGHT		UNK	DARK	ICE		Yes					
6.1.3	1567453	2014	001	26	REAR	PDO	STRGHT		CLR	DAY	DRY							
6.1.3	1567457	2014	001	26.25	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
6.1.3	1623613	2015	001	26.78	FIX	INJ C	STRGHT		CLR	DARK	DRY	Yes						
6.1.3	1694886	2016	001	26	FIX	PDO	STRGHT		CLR	DAY	DRY	Yes						
6.1.3	1734209	2017	001	26	FIX	INJ C	STRGHT		CLR	DAY	DRY	Yes						
6.2.1	1667075	2016	001	25.87	REAR	INJ B	STRGHT		CLR	DAY	DRY							
6.2.1	1755343	2017	001	25.9	REAR	PDO	STRGHT		CLR	DAY	DRY		Yes					Yes
6.2.2	1523832	2013	001	26	FIX	INJ C	STRGHT		CLR	DARK	DRY	Yes						
6.2.2	1539592	2013	001	27	SS-O	INJ C	STRGHT		CLD	DAY	DRY							Yes
6.2.2	1572605	2014	001	26	REAR	INJ B	STRGHT		CLR	DAY	DRY		Yes					

Table D-4: Interstate Ramp and Mainline Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	Speed Involved?	Alcohol Involved?	Drug Involved?	Bike Present?	Pedestrian Present?	Distracted?
6.2.2	1617702	2015	001	26	REAR	INJ C	STRGHT		CLR	DAY	DRY							
6.2.2	1619209	2015	001	27.37	FIX	INJ C	STRGHT		CLR	DAY	DRY	Yes						
6.2.2	1620001	2015	001	25.91	REAR	INJ C	STRGHT		CLR	DAY	DRY							
6.2.2	1654929	2015	001	27.33	REAR	PDO	STRGHT		SMOK	DAWN	DRY		Yes					
6.2.2	1663486	2016	001	27.5	REAR	INJ B	STRGHT		RAIN	DARK	WET		Yes	Yes				
6.2.2	1663497	2016	001	27.5	REAR	INJ B	STRGHT		RAIN	DARK	WET		Yes	Yes				
6.2.2	1664629	2016	001	27.56	REAR	INJ C	INTER		CLR	DAY	DRY							
6.2.2	1687503	2016	001	26	FIX	PDO	STRGHT		CLR	DARK	DRY	Yes						
6.2.2	1688042	2016	001	27	SS-O	PDO	STRGHT		CLR	DAY	DRY							
6.2.2	1728739	2017	001	27.33	FIX	INJ B	STRGHT		CLR	DAY	ICE	Yes	Yes					
6.2.2	1730955	2017	001	27.56	REAR	INJ C	INTER		CLR	DAY	DRY							
6.2.2	1734297	2017	001	27	REAR	INJ C	STRGHT		CLR	DARK	DRY							
6.2.2	1757481	2017	001	25.91	SS-O	PDO	STRGHT		CLR	DARK	DRY							
6.2.2	1760224	2017	001	26.9	REAR	PDO	STRGHT		CLR	DARK	DRY							
6.2.3	1501674	2013	001	28.5	FIX	PDO	BRIDGE		CLR	DUSK	ICE	Yes	Yes					
6.2.3	1528114	2013	001	28	OTH	INJ C	STRGHT		CLR	DAY	DRY							
6.2.3	1539793	2013	001	27.62	REAR	PDO	STRGHT		RAIN	DAY	WET		Yes					
6.2.3	1561704	2014	001	28	REAR	INJ A	STRGHT		CLR	DAY	DRY		Yes					Yes
6.2.3	1577914	2014	001	28.18	FIX	PDO	STRGHT		CLR	DAY	DRY	Yes						
6.2.3	1626836	2015	001	27.57	REAR	INJ C	STRGHT		CLR	DAY	DRY							

Table D-4: Interstate Ramp and Mainline Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
6.2.3	1655323	2015	001	28.2	FIX	PDO	STRGHT		CLR	DAY	DRY	Yes	Yes					
6.2.3	1663481	2016	001	28	REAR	INJ A	STRGHT		CLR	DAY	DRY							
6.2.3	1664514	2016	001	27.7	PED	INJ B	STRGHT		RAIN	DARK	WET						Yes	
6.2.3	1731151	2017	001	27.98	REAR	INJ B	STRGHT		CLR	DARK	DRY							

Table D-5: Urban Principal Arterial Segments List

ID	Location
12	Riverside Ave (OR 99), Stewart Ave to Barnett Rd
14	Riverside Ave (OR 99), Stewart Ave to Garfield St
15	Riverside Ave (OR 99), Garfield St to Charlotte Ann Rd
18	Garfield St, OR 99 to Center Dr (connector WU)
19	Garfield St, Center Dr to SPUI (connector WU)
20	Garfield St, SPUI to Barnett Rd (connector WU)

Table D-6: Urban Principal Arterial Segment Crashes

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
12	1511604	2013		0	REAR	PDO	STRGHT		RAIN	DAY	WET							
12	1520600	2013		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
12	1524071	2013		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
12	1524121	2013		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
12	1532865	2013		0	TURN	INJ B	ALLEY		CLR	DUSK	DRY							
12	1543826	2013		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
12	1545141	2013		0	SS-M	INJ A	STRGHT		CLR	DLIT	DRY	Yes			Yes			
12	1546290	2013		0	TURN	PDO	STRGHT		CLR	DAY	DRY							
12	1552441	2014		0	REAR	PDO	STRGHT		CLR	DLIT	DRY							
12	1556684	2014		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
12	1593518	2014		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
12	1623627	2015		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
12	1652023	2015		0	REAR	PDO	STRGHT		CLR	DAY	DRY							Yes
12	1656190	2015		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							Yes
12	1660525	2016		0	REAR	INJ B	STRGHT		CLR	DAY	DRY							
12	1667826	2016		0	TURN	INJ C	ALLEY		CLR	DAY	DRY		Yes			Yes		
12	1668624	2016		0	REAR	INJ B	STRGHT		CLR	DAY	DRY							
12	1684208	2016		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
12	1688010	2016		0	REAR	PDO	STRGHT		CLR	DAY	DRY							Yes
12	1689613	2016		0	REAR	PDO	STRGHT		CLR	DLIT	DRY							

Table D-6: Urban Principal Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
12	1728675	2017		0	TURN	INJ B	ALLEY		RAIN	DAY	WET							
12	1729512	2017		0	SS-O	INJ A	STRGHT		CLR	DAY	DRY							
12	1732599	2017		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							
12	1736102	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
12	1755155	2017		0	SS-O	PDO	STRGHT		CLD	DAY	WET							
12	1756089	2017		0	REAR	PDO	STRGHT		CLD	DAY	DRY							
12	1756463	2017		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
12	1757924	2017		0	REAR	PDO	STRGHT		SMOK	DAY	DRY							Yes
12	1758796	2017		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
12	1759899	2017		0	TURN	PDO	ALLEY		CLD	DAY	WET							
12	1759924	2017		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
14	1577985	2014	063	8.15	REAR	INJ C	STRGHT		CLR	DAY	DRY							
14	1627574	2015	063	8.15	REAR	INJ C	STRGHT		CLR	DAY	DRY							
14	1627709	2015	063	8.52	REAR	INJ C	STRGHT		CLR	DAY	DRY							
14	1654878	2015	063	8.17	REAR	PDO	STRGHT		CLR	DLIT	DRY							
14	1728684	2017	063	8.16	REAR	INJ B	STRGHT		SNOW	DLIT	SNO							
14	1728733	2017	063	8.52	FIX	INJ C	STRGHT		CLR	DAY	ICE	Yes	Yes					
14	1728941	2017	063	8.15	REAR	INJ C	STRGHT		CLD	DUSK	DRY							
14	1753493	2017	063	8.51	REAR	PDO	STRGHT		RAIN	DAY	WET							
15	1501381	2013	063	8.69	TURN	PDO	ALLEY		CLD	DLIT	ICE							

Table D-6: Urban Principal Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
15	1523929	2013	063	8.66	SS-O	PDO	STRGHT		CLR	DAY	DRY							
15	1528210	2013	063	8.6	REAR	PDO	STRGHT		CLR	DAY	DRY							
15	1592953	2014	063	8.58	REAR	PDO	STRGHT		CLR	DAY	DRY							
15	1666128	2016	063	8.69	TURN	INJ A	ALLEY		CLR	DAY	DRY							
15	1729661	2017	063	8.58	REAR	INJ C	STRGHT		CLD	DAY	DRY							
15	1734672	2017	063	8.69	TURN	INJ B	ALLEY		CLR	DAY	DRY							
15	1752610	2017	063	8.6	SS-O	PDO	STRGHT		CLR	DAY	DRY							
18	1511285	2013	001	26.78	REAR	INJ C	STRGHT		CLR	DAY	DRY							
18	1619171	2015	001	26.82	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
18	1667946	2016	001	26.8	REAR	INJ C	STRGHT		CLR	DAY	DRY				Yes			
18	1689346	2016	001	26.79	SS-O	PDO	STRGHT		CLR	DAY	DRY							
18	1690081	2016	001	26.86	REAR	PDO	STRGHT		UNK	DAY	DRY							
18	1757988	2017	001	26.93	SS-O	PDO	CURVE		CLR	DAY	DRY							
19	1501704	2013	001	27.18	REAR	INJ C	STRGHT		CLR	DARK	DRY							
19	1553265	2014	001	26.98	REAR	INJ C	STRGHT		CLD	DAY	DRY							
19	1567486	2014	001	27.13	REAR	PDO	STRGHT		CLR	DAY	DRY							Yes
19	1627435	2015	001	27.12	REAR	INJ C	GRADE		CLD	DAY	DRY							
19	1663585	2016	001	26.99	REAR	INJ C	STRGHT		CLR	DAY	DRY							
19	1688079	2016	001	26.98	REAR	PDO	STRGHT		CLR	DAY	DRY							Yes
19	1708956	2016	001	27.15	REAR	PDO	STRGHT		RAIN	DAY	WET							

Table D-6: Urban Principal Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
19	1736026	2017	001	27	REAR	INJ B	STRGHT		CLR	DAWN	DRY							
19	1757072	2017	001	27.05	SS-O	PDO	STRGHT		CLR	DAY	DRY							
19	1759364	2017	001	27.01	SS-O	PDO	STRGHT		CLR	DLIT	DRY							
20	1536818	2013	001	27.46	SS-O	PDO	STRGHT		CLR	DLIT	DRY							
20	1572590	2014	001	27.47	REAR	INJ C	STRGHT		CLR	DAY	DRY							
20	1572591	2014	001	27.47	SS-O	PDO	STRGHT		CLR	DAY	DRY							
20	1572681	2014	001	27.46	REAR	PDO	STRGHT		CLR	DAY	DRY							
20	1620582	2015	001	27.46	NCOL	INJ B	CURVE		CLR	DAY	DRY	Yes						
20	1626880	2015	001	27.28	REAR	INJ C	STRGHT		CLR	DAY	DRY							
20	1629448	2015	001	27.46	REAR	INJ B	STRGHT		CLR	DAY	DRY							
20	1655329	2015	001	27.29	SS-O	PDO	CURVE		CLR	DAY	DRY							Yes
20	1664844	2016	001	27.45	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
20	1687778	2016	001	27.45	REAR	PDO	STRGHT		SMOK	DAY	DRY		Yes					
20	1690173	2016	001	27.36	SS-O	PDO	STRGHT		CLR	DAY	DRY							
20	1755225	2017	001	27.39	SS-O	PDO	STRGHT		CLR	DAY	DRY							
20	1755292	2017	001	27.28	SS-O	PDO	BRIDGE		CLR	DAY	DRY							
20	1755721	2017	001	27.47	REAR	PDO	STRGHT		CLR	DAY	DRY							

Table D-7: Urban Minor Arterial Segments List

ID	Location
13	Stewart west of OR 99 to Myers
17	Garfield St, west of Riverside Ave to Anton Dr
22	Barnett Rd west of Stewart Ave to OR 99
23	Barnett Rd, Stewart Ave to Alba Dr (001BE)
24	Barnett Rd, Alba Dr to Highland Dr
27	Barnett Rd, Highland Dr to Ellendale Dr
29	Barnett Rd east of Ellendale Dr to Hilldale St
31	Center Dr north of Walmart entrance
32	Center Dr south of Walmart entrance
33	Stewart Ave, OR 99 to Center D
34	Stewart Ave, Center Dr to Barnett Rd

Table D-8: Urban Minor Arterial Segment Crashes

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
13	1501743	2013		0	REAR	INJ C	STRGHT		FOG	DLIT	DRY							
13	1532862	2013		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
13	1537171	2013		0	REAR	INJ C	STRGHT		SMOK	DAY	DRY							Yes
13	1546356	2013		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
13	1655444	2015		0	FIX	PDO	STRGHT		RAIN	DLIT	WET	Yes						Yes
13	1666693	2016		0	HEAD	INJ C	STRGHT		CLR	DAY	DRY	Yes						
13	1666826	2016		0	REAR	INJ B	STRGHT		CLR	DAY	DRY							
13	1728806	2017		0	HEAD	INJ B	STRGHT		CLD	DAY	ICE	Yes		Yes				

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
17	1652268	2015		0	TURN	PDO	CURVE		CLR	DAY	DRY							
17	1728068	2017		0	FIX	FATAL	CURVE		CLR	DAY	DRY	Yes	Yes	Yes	Yes			
17	1759464	2017		0	SS-O	PDO	STRGHT		CLR	DUSK	DRY			Yes				
22	1520733	2013		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
22	1524681	2013		0	FIX	PDO	STRGHT		CLD	DAY	DRY	Yes		Yes				
22	1528648	2013		0	TURN	INJ C	ALLEY		CLR	DUSK	DRY							
22	1528666	2013		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
22	1533072	2013		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
22	1537378	2013		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
22	1537397	2013		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
22	1540089	2013		0	REAR	PDO	ALLEY		RAIN	DAY	WET							
22	1540090	2013		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							
22	1547287	2013		0	TURN	INJ C	STRGHT		CLR	DAY	DRY							
22	1552451	2014		0	REAR	PDO	STRGHT		CLR	DUSK	DRY							
22	1572669	2014		0	REAR	INJ C	STRGHT		CLR	DAY	DRY		Yes					
22	1572715	2014		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
22	1578183	2014		0	REAR	PDO	ALLEY		CLR	DAY	DRY							
22	1583034	2014		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
22	1588051	2014		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
22	1588219	2014		0	TURN	INJ B	ALLEY		CLR	DAY	DRY							

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
22	1593582	2014		0	TURN	PDO	ALLEY		CLR	DUSK	DRY							
22	1621027	2015		0	TURN	INJ B	ALLEY		CLR	DAY	DRY							
22	1653081	2015		0	TURN	PDO	ALLEY		CLD	DAY	DRY							
22	1653515	2015		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
22	1654696	2015		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
22	1655674	2015		0	TURN	PDO	ALLEY		CLD	DARK	DRY							
22	1656539	2015		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
22	1662690	2016		0	REAR	INJ C	STRGHT		CLD	DAY	DRY		Yes					Yes
22	1665558	2016		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
22	1665570	2016		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
22	1666740	2016		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
22	1666931	2016		0	REAR	INJ C	STRGHT		CLR	DAY	DRY		Yes					
22	1688588	2016		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
22	1690048	2016		0	FIX	PDO	ALLEY		RAIN	DAY	WET	Yes						
22	1694922	2016		0	FIX	PDO	STRGHT		CLR	DLIT	DRY	Yes						
22	1707485	2016		0	TURN	PDO	ALLEY		CLD	DAY	WET							
22	1710193	2016		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
22	1729022	2017		0	REAR	INJ A	STRGHT		CLR	DLIT	DRY			Yes				
22	1730158	2017		0	PED	INJ C	STRGHT		CLD	DAY	DRY	Yes					Yes	Yes
22	1733420	2017		0	REAR	INJ C	ALLEY		CLR	DAY	DRY							

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	Rdway/Departure?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
22	1735508	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
22	1755037	2017		0	SS-O	PDO	STRGHT		CLD	DAY	DRY							
22	1756988	2017		0	REAR	PDO	STRGHT		CLR	DAY	DRY							Yes
22	1757457	2017		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
22	1760253	2017		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
23	1520717	2013	001	27.44	REAR	PDO	STRGHT		CLR	DAY	DRY							
23	1577965	2014	001	27.71	REAR	INJ C	STRGHT		CLR	DAY	DRY					Yes		Yes
23	1598596	2014	001	27.5	PED	INJ A	BRIDGE		CLD	DLIT	WET		Yes		Yes		Yes	
23	1628070	2015	001	27.66	SS-O	INJ B	BRIDGE		CLD	DLIT	WET					Yes		
23	1660232	2016	001	27.45	REAR	INJ C	STRGHT		CLD	DAY	DRY							
23	1670639	2016	001	27.5	REAR	INJ C	STRGHT		CLD	DLIT	DRY		Yes					Yes
23	1731705	2017	001	27.45	REAR	INJ C	GRADE		CLR	DAY	DRY							
23	1735854	2017	001	27.45	REAR	INJ C	GRADE		CLR	DAY	DRY							
23	1755322	2017	001	27.44	SS-O	PDO	STRGHT		UNK	DAY	UNK							
24	1524265	2013		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
24	1556898	2014		0	REAR	PDO	STRGHT		RAIN	DLIT	WET							
24	1653827	2015		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
24	1655888	2015		0	ANGL	PDO	ALLEY		RAIN	DAY	WET							
24	1662576	2016		0	REAR	INJ C	STRGHT		CLD	DAY	WET							
24	1736986	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
24	1758797	2017		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
27	1502155	2013		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
27	1520718	2013		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
27	1552582	2014		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
27	1552585	2014		0	REAR	INJ C	STRGHT		CLD	DAY	DRY							
27	1572662	2014		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
27	1593583	2014		0	REAR	PDO	STRGHT		RAIN	DLIT	WET							
27	1597849	2014		0	REAR	INJ C	STRGHT		RAIN	DLIT	WET							
27	1626823	2015		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
27	1627657	2015		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
27	1655865	2015		0	SS-O	PDO	ALLEY		CLR	DAY	DRY							
27	1656278	2015		0	SS-O	PDO	STRGHT		CLD	DAY	DRY							
27	1690248	2016		0	REAR	PDO	STRGHT		CLD	DAY	WET							
27	1710191	2016		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
27	1730976	2017		0	FIX	INJ C	STRGHT		UNK	DLIT	DRY	Yes						
27	1733195	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							Yes
27	1736382	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
27	1737009	2017		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
27	1737470	2017		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							
27	1737581	2017		0	REAR	INJ C	STRGHT		CLD	DAY	WET							

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
27	1755897	2017		0	SS-O	PDO	GRADE		CLR	DAY	DRY							
27	1759130	2017		0	REAR	PDO	STRGHT		CLR	DAY	DRY		Yes					
27	1762148	2017		0	TURN	PDO	ALLEY		CLR	DLIT	WET							
29	1519216	2013		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
29	1545447	2013		0	SS-O	INJ C	STRGHT		CLR	DAY	ICE	Yes	Yes					
29	1560810	2014		0	FIX	PDO	STRGHT		CLR	DAY	DRY	Yes						
29	1564205	2014		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
29	1588208	2014		0	REAR	PDO	STRGHT		CLR	DAY	DRY							Yes
29	1616220	2015		0	PED	INJ A	STRGHT		CLR	DUSK	DRY						Yes	
29	1623754	2015		0	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
29	1626216	2015		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
29	1626684	2015		0	REAR	INJ C	STRGHT		SMOK	DAY	DRY						Yes	
29	1626715	2015		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
29	1654551	2015		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
29	1654658	2015		0	REAR	PDO	ALLEY		CLR	DAY	DRY							
29	1655539	2015		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
29	1662546	2016		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							
29	1662962	2016		0	TURN	INJ B	STRGHT		CLD	DAY	DRY							
29	1668418	2016		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
29	1670781	2016		0	REAR	INJ C	STRGHT		CLR	DLIT	DRY							

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
29	1689448	2016		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
29	1689614	2016		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
29	1705557	2016		0	REAR	PDO	STRGHT		CLD	DUSK	DRY							
29	1707481	2016		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
29	1708398	2016		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
29	1709054	2016		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
29	1730570	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							
29	1735350	2017		0	REAR	INJ B	STRGHT		CLR	DAY	DRY							
29	1737572	2017		0	REAR	INJ C	STRGHT		RAIN	DLIT	WET							Yes
29	1738315	2017		0	REAR	INJ C	STRGHT		CLD	DAY	DRY							Yes
29	1752496	2017		0	SS-O	PDO	STRGHT		RAIN	DAY	WET							
29	1753244	2017		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
29	1754377	2017		0	FIX	PDO	ALLEY		CLR	DAY	DRY	Yes						Yes
29	1755134	2017		0	TURN	PDO	ALLEY		CLD	DAY	DRY							
29	1755399	2017		0	REAR	PDO	STRGHT		RAIN	DAY	WET							
29	1762167	2017		0	REAR	PDO	STRGHT		CLR	DAY	DRY		Yes					Yes
31	1533279	2013		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
31	1537650	2013		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
31	1616540	2015		0	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
31	1628252	2015		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							

Table D-8: Urban Minor Arterial Segment Crashes, continued

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
31	1628614	2015		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							
31	1660683	2016		0	TURN	INJ C	ALLEY		CLD	DAY	DRY							
31	1668606	2016		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
31	1668863	2016		0	ANGL	INJ B	ALLEY		RAIN	DAY	WET	Yes						
31	1733110	2017		0	TURN	INJ C	ALLEY		CLR	DAY	DRY							
32	1547250	2013		0	REAR	PDO	STRGHT		SNOW	DUSK	SNO						Yes	
32	1557086	2014		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
32	1561034	2014		0	TURN	INJ B	ALLEY		CLR	DAY	DRY							
32	1655877	2015		0	TURN	PDO	ALLEY		RAIN	DAY	WET							
32	1736074	2017		0	SS-O	INJ C	STRGHT		CLR	DAY	DRY							
32	1752492	2017		0	ANGL	PDO	ALLEY		CLR	DARK	DRY							
32	1760261	2017		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
33	1573367	2014		0	REAR	PDO	CURVE		CLR	DAY	DRY							
33	1599178	2014		0	REAR	PDO	STRGHT		CLD	DAY	WET							
33	1654992	2015		0	SS-O	PDO	CURVE		CLR	DAY	DRY							

Table D-9: Urban Collector and Minor Road Segments List

25	Alba Dr north of Barnett Rd
26	Highland Dr north of Barnett Rd to creek
28	Ellendale Dr north of Barnett Rd to Crestbrook Rd
30	Ellendale Dr south of Barnett Rd to Hospitality Way

Table D-10: Urban Collector and Local Road Segment Crashes

Segment ID	CRASH_ID	Year	HWY NUM	MP	Collision Type	Severity	Rd Characteristic	Intersection Related?	Weather	Light	Surface	RdwayDeparture?	SpeedInvolved?	AlcoholInvolved?	DrugInvolved?	Bikepresent?	Pedestrian Present?	Distracted?
25	1710425	2016		0	TURN	PDO	ALLEY		CLR	DAY	DRY							
25	1761968	2017		0	FIX	PDO	STRGHT		CLD	DLIT	DRY	Yes	Yes	Yes	Yes			
26	1520551	2013		0	SS-O	PDO	TRANS		CLR	DAY	DRY							
26	1520720	2013		0	REAR	INJ B	STRGHT		CLR	DAY	DRY							
26	1597707	2014		0	SS-O	PDO	STRGHT		CLR	DAY	DRY							
26	1655102	2015		0	SS-O	PDO	TRANS		CLR	DAY	DRY							
26	1656251	2015		0	TURN	PDO	ALLEY		CLD	DAY	DRY							
26	1705654	2016		0	REAR	PDO	STRGHT		CLR	DAY	DRY							
26	1729052	2017		0	REAR	INJ C	STRGHT		CLR	DAY	DRY							Yes
26	1757219	2017		0	SS-O	PDO	TRANS		CLR	DAY	DRY							
30	1709729	2016		0	TURN	PDO	ALLEY		CLR	DAY	DRY							

Contact Information

If you have any questions or comments please contact:

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