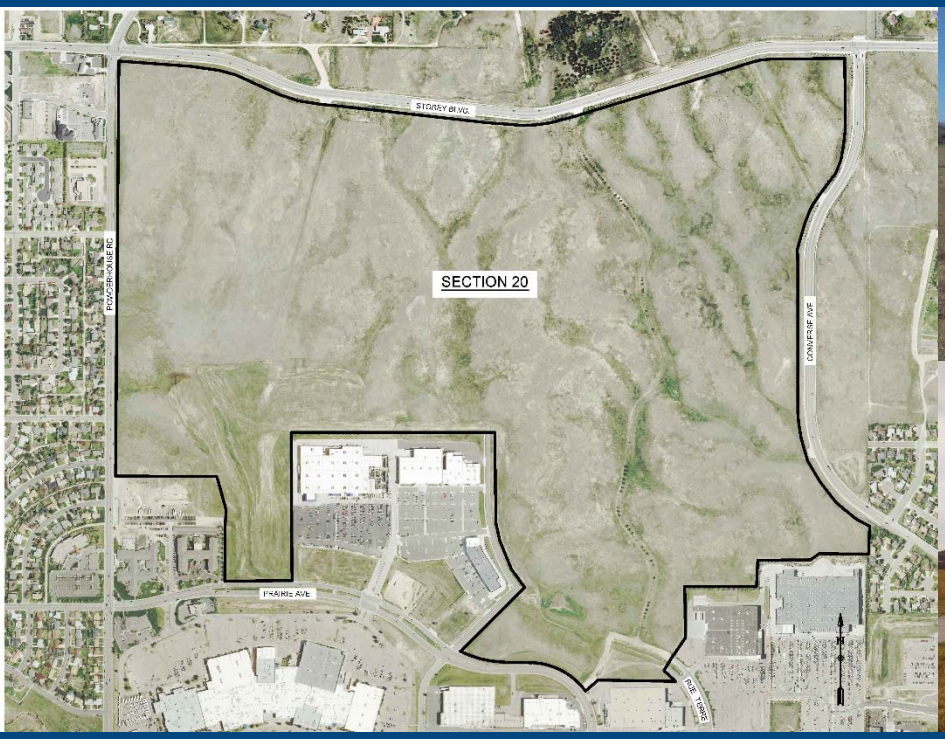
Dell Range Boulevard Corridor Study

PHASE II – SECTION 20







Prepared for:

Cheyenne Metropolitan Planning Organization

Adopted February 8, 2016

HireSmart®

AYRES ASSOCIATES

Dell Range Corridor Study Phase II: Section 20

(Section 20 is bordered by Powderhouse Road on the west, Storey Boulevard on the north, Converse Avenue on the east, and Prairie Avenue on the south.)

Cheyenne, WY

Final Report - APPENDICES

Prepared for:
Cheyenne Metropolitan Planning Organization

Adopted February 8, 2016

"The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation."

APPENDICES

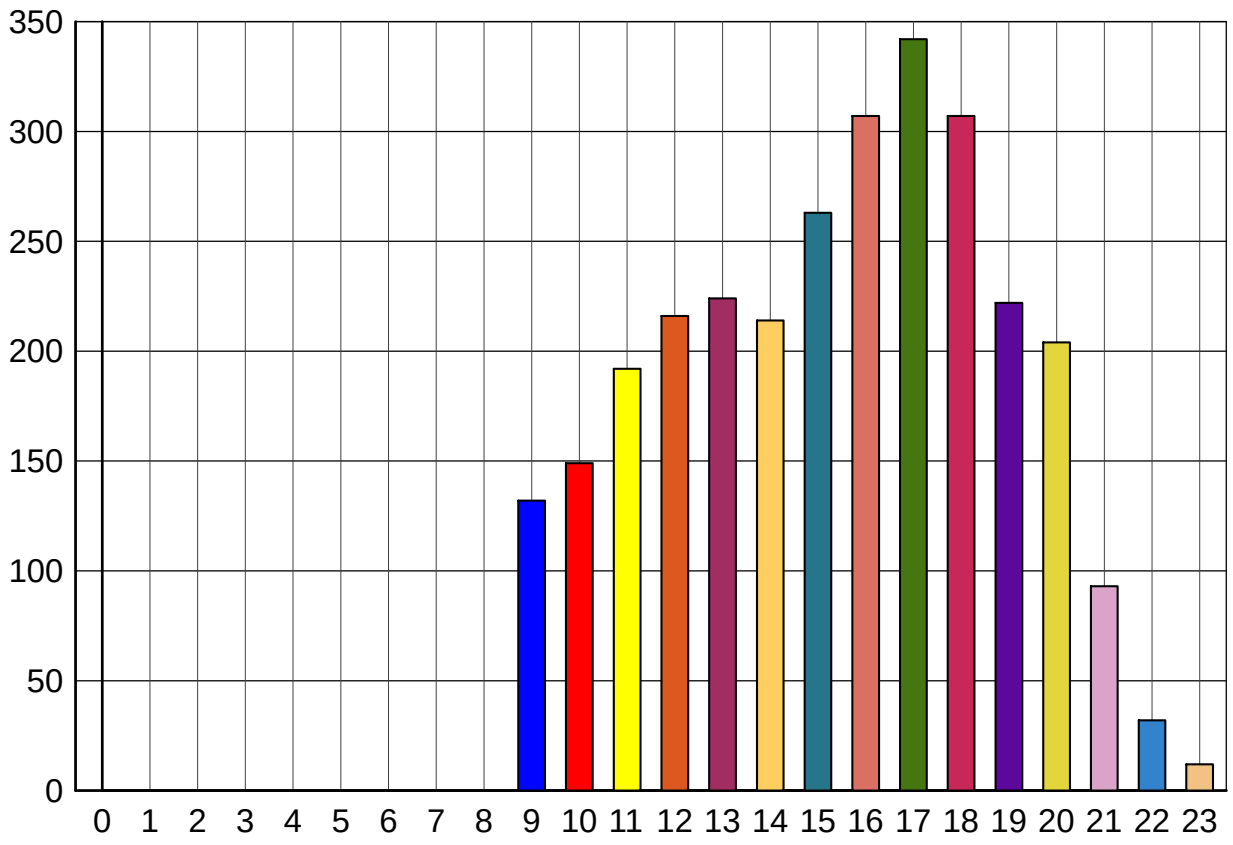
APPENDIX A – Hi-Star Data Collection
APPENDIX B – Turning Movement Counts
APPENDIX C – Synchro Reports Existing Conditions
APPENDIX D – Collision Diagrams and Summarized Crash Data
APPENDIX E – WYDOT Crash Data
APPENDIX F – Section 20 Plan and Profiles
APPENDIX G – Synchro Reports 2040 Conditions

APPENDIX A

HI-STAR DATA COLLECTION

Time/Volume Graph

HI-Star ID: 6158	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: NB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3772
County: Laramie	AADT Factor: 1	AADT Count: 3,233

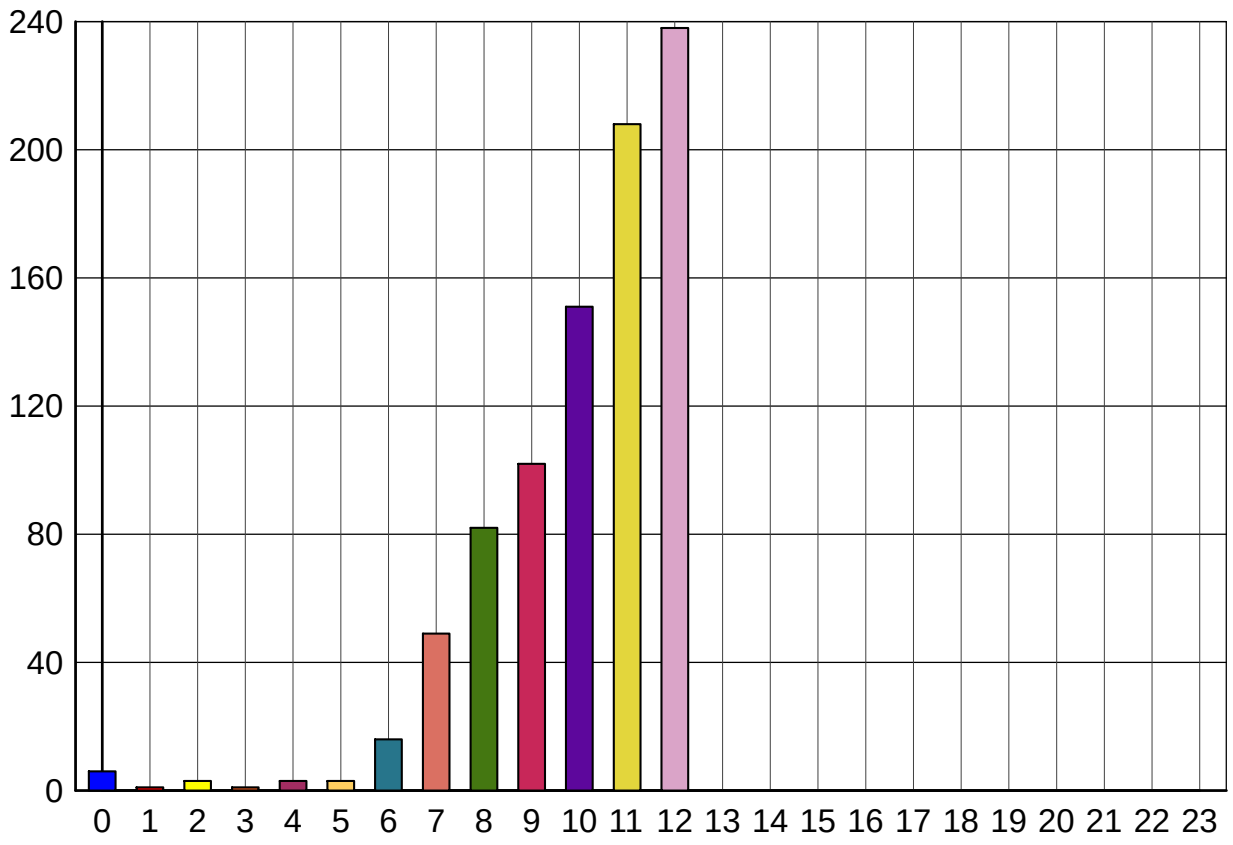


Wed,Mar/12/2014

(0) 12:00 - 12:59	(6) 06:00 - 06:59		(12) 12:00 - 12:59	216	(18) 18:00 - 18:59	307
(1) 01:00 - 01:59	(7) 07:00 - 07:59		(13) 13:00 - 13:59	224	(19) 19:00 - 19:59	222
(2) 02:00 - 02:59	(8) 08:00 - 08:59		(14) 14:00 - 14:59	214	(20) 20:00 - 20:59	204
(3) 03:00 - 03:59	(9) 09:00 - 09:59	132	(15) 15:00 - 15:59	263	(21) 21:00 - 21:59	93
(4) 04:00 - 04:49	(10) 10:00 - 10:59	149	(16) 16:00 - 16:59	307	(22) 22:00 - 22:59	32
(5) 05:00 - 05:59	(11) 11:00 - 11:59	192	(17) 17:00 - 17:59	342	(23) 23:00 - 23:59	12

Time/Volume Graph

HI-Star ID:	6158	Begin:	Mar/12/2014 09:00:00 AM	End:	Mar/13/2014 01:00:00 PM
Street:	Powderhouse Rd - S of Storey	Lane:	NB	Hours:	28.00
State:	WY	Oper:	Ayr	Period:	15
City:	Cheyenne	Posted:	35	Raw Count:	3772
County:	Laramie	AADT Factor:	1	AADT Count:	3,233



Thu,Mar/13/2014

(0) 12:00 - 12:59	6	(6) 06:00 - 06:59	16	(12) 12:00 - 12:59	238	(18) 18:00 - 18:59	
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	49	(13) 13:00 - 13:59		(19) 19:00 - 19:59	
(2) 02:00 - 02:59	3	(8) 08:00 - 08:59	82	(14) 14:00 - 14:59		(20) 20:00 - 20:59	
(3) 03:00 - 03:59	1	(9) 09:00 - 09:59	102	(15) 15:00 - 15:59		(21) 21:00 - 21:59	
(4) 04:00 - 04:49	3	(10) 10:00 - 10:59	151	(16) 16:00 - 16:59		(22) 22:00 - 22:59	
(5) 05:00 - 05:59	3	(11) 11:00 - 11:59	208	(17) 17:00 - 17:59		(23) 23:00 - 23:59	

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: NB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3772
County: Laramie	AADT Factor: 1	AADT Count: 3,233

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[09:00-09:15]	27	33 MPH	46 F	---
[09:15-09:30]	30	32 MPH	44 F	---
[09:30-09:45]	35	32 MPH	44 F	---
[09:45-10:00]	40	33 MPH	48 F	---
[10:00-10:15]	28	31 MPH	50 F	---
[10:15-10:30]	37	31 MPH	52 F	---
[10:30-10:45]	48	32 MPH	54 F	---
[10:45-11:00]	36	33 MPH	58 F	---
[11:00-11:15]	37	31 MPH	60 F	---
[11:15-11:30]	46	32 MPH	62 F	---
[11:30-11:45]	51	32 MPH	66 F	---
[11:45-12:00]	58	32 MPH	68 F	---
[12:00-12:15]	59	33 MPH	70 F	---
[12:15-12:30]	44	35 MPH	74 F	---
[12:30-12:45]	55	32 MPH	76 F	---
[12:45-13:00]	58	31 MPH	76 F	---
[13:00-13:15]	43	30 MPH	78 F	---
[13:15-13:30]	59	33 MPH	78 F	---
[13:30-13:45]	64	31 MPH	78 F	---
[13:45-14:00]	58	31 MPH	80 F	---
[14:00-14:15]	54	33 MPH	80 F	---
[14:15-14:30]	52	31 MPH	82 F	---
[14:30-14:45]	55	33 MPH	82 F	---
[14:45-15:00]	53	30 MPH	80 F	---
[15:00-15:15]	70	32 MPH	80 F	---
[15:15-15:30]	66	32 MPH	78 F	---
[15:30-15:45]	59	31 MPH	80 F	---
[15:45-16:00]	68	31 MPH	78 F	---
[16:00-16:15]	75	31 MPH	76 F	---
[16:15-16:30]	66	33 MPH	76 F	---
[16:30-16:45]	89	31 MPH	72 F	---
[16:45-17:00]	77	32 MPH	70 F	---
[17:00-17:15]	103	31 MPH	68 F	---
[17:15-17:30]	75	32 MPH	66 F	---
[17:30-17:45]	86	32 MPH	64 F	---
[17:45-18:00]	78	33 MPH	60 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: NB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3772
County: Laramie	AADT Factor: 1	AADT Count: 3,233

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[18:00-18:15]	72	32 MPH	56 F	---
[18:15-18:30]	81	31 MPH	52 F	---
[18:30-18:45]	75	32 MPH	50 F	---
[18:45-19:00]	79	31 MPH	48 F	---
[19:00-19:15]	45	33 MPH	44 F	---
[19:15-19:30]	52	33 MPH	44 F	---
[19:30-19:45]	57	30 MPH	42 F	---
[19:45-20:00]	68	31 MPH	41 F	---
[20:00-20:15]	71	30 MPH	41 F	---
[20:15-20:30]	51	30 MPH	39 F	---
[20:30-20:45]	46	31 MPH	39 F	---
[20:45-21:00]	36	31 MPH	37 F	---
[21:00-21:15]	27	30 MPH	37 F	---
[21:15-21:30]	29	34 MPH	35 F	---
[21:30-21:45]	16	33 MPH	35 F	---
[21:45-22:00]	21	33 MPH	33 F	---
[22:00-22:15]	10	30 MPH	33 F	---
[22:15-22:30]	11	30 MPH	33 F	---
[22:30-22:45]	7	29 MPH	31 F	---
[22:45-23:00]	4	45 MPH	31 F	---
[23:00-23:15]	5	28 MPH	31 F	---
[23:15-23:30]	1	18 MPH	33 F	---
[23:30-23:45]	4	29 MPH	33 F	---
[23:45-00:00]	2	25 MPH	33 F	---
Wed,Mar/12/2014	2909	31 MPH	56 F	
Thu,Mar/13/2014				
[00:00-00:15]	2	25 MPH	33 F	---
[00:15-00:30]	0	0 MPH	33 F	---
[00:30-00:45]	4	29 MPH	33 F	---
[00:45-01:00]	0	0 MPH	35 F	---
[01:00-01:15]	0	0 MPH	35 F	---
[01:15-01:30]	0	0 MPH	35 F	---
[01:30-01:45]	1	32 MPH	35 F	---
[01:45-02:00]	0	0 MPH	37 F	---
[02:00-02:15]	3	36 MPH	37 F	---
[02:15-02:30]	0	0 MPH	37 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: NB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3772
County: Laramie	AADT Factor: 1	AADT Count: 3,233

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[02:30-02:45]	0	0 MPH	37 F	---
[02:45-03:00]	0	0 MPH	37 F	---
[03:00-03:15]	0	0 MPH	39 F	---
[03:15-03:30]	0	0 MPH	39 F	---
[03:30-03:45]	1	28 MPH	39 F	---
[03:45-04:00]	0	0 MPH	39 F	---
[04:00-04:15]	1	32 MPH	39 F	---
[04:15-04:30]	1	38 MPH	39 F	---
[04:30-04:45]	0	0 MPH	39 F	---
[04:45-05:00]	1	0 MPH	39 F	---
[05:00-05:15]	1	28 MPH	39 F	---
[05:15-05:30]	0	0 MPH	39 F	---
[05:30-05:45]	0	0 MPH	39 F	---
[05:45-06:00]	2	40 MPH	39 F	---
[06:00-06:15]	1	32 MPH	39 F	---
[06:15-06:30]	5	27 MPH	39 F	---
[06:30-06:45]	3	33 MPH	39 F	---
[06:45-07:00]	7	36 MPH	39 F	---
[07:00-07:15]	10	36 MPH	39 F	---
[07:15-07:30]	13	36 MPH	39 F	---
[07:30-07:45]	15	34 MPH	39 F	---
[07:45-08:00]	11	34 MPH	35 F	---
[08:00-08:15]	17	34 MPH	33 F	---
[08:15-08:30]	17	32 MPH	37 F	---
[08:30-08:45]	24	32 MPH	41 F	---
[08:45-09:00]	24	33 MPH	44 F	---
[09:00-09:15]	19	32 MPH	48 F	---
[09:15-09:30]	25	32 MPH	50 F	---
[09:30-09:45]	28	33 MPH	52 F	---
[09:45-10:00]	30	32 MPH	56 F	---
[10:00-10:15]	31	34 MPH	60 F	---
[10:15-10:30]	27	32 MPH	62 F	---
[10:30-10:45]	44	30 MPH	64 F	---
[10:45-11:00]	49	32 MPH	68 F	---
[11:00-11:15]	46	30 MPH	70 F	---
[11:15-11:30]	44	33 MPH	72 F	---

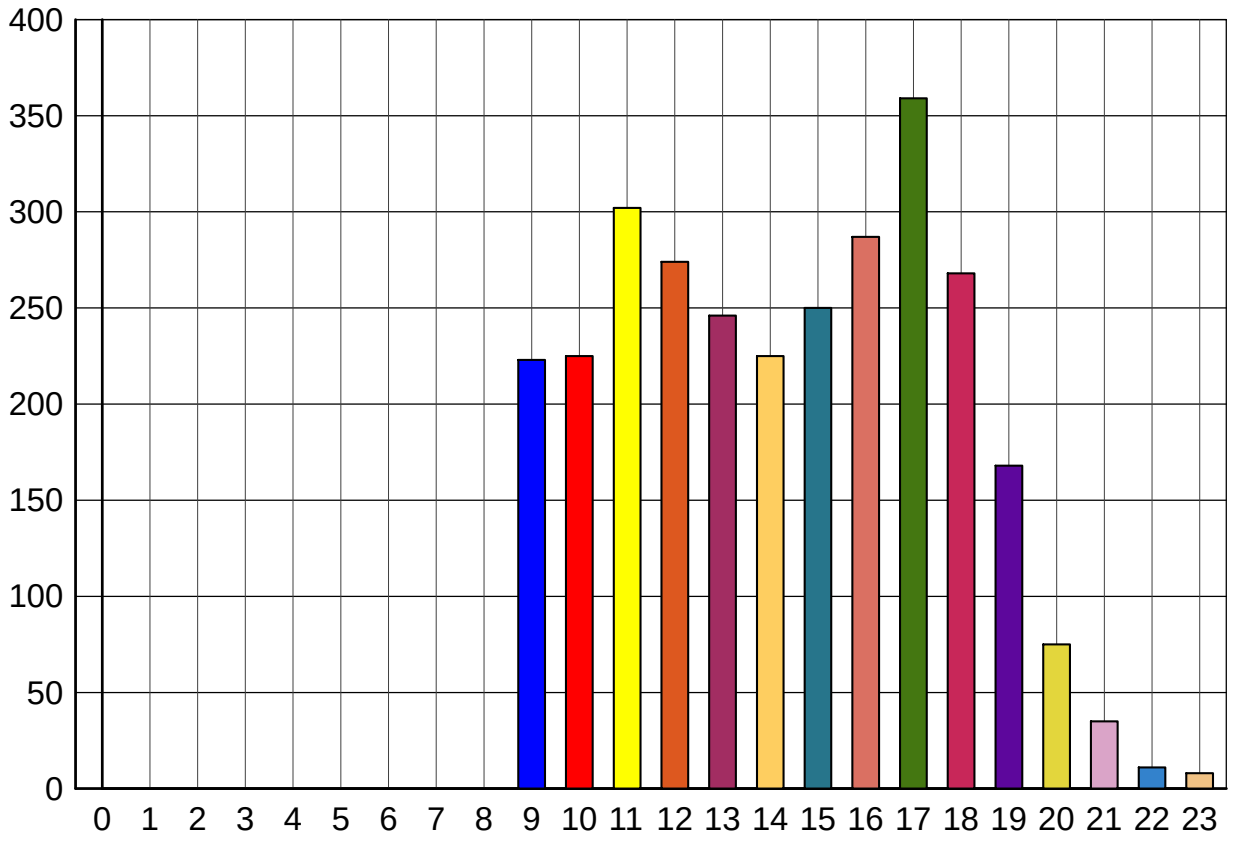
Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: NB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3772
County: Laramie	AADT Factor: 1	AADT Count: 3,233

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[11:30-11:45]	51	34 MPH	72 F	---
[11:45-12:00]	67	32 MPH	74 F	---
[12:00-12:15]	77	32 MPH	76 F	---
[12:15-12:30]	58	32 MPH	76 F	---
[12:30-12:45]	54	32 MPH	78 F	---
[12:45-13:00]	49	32 MPH	80 F	---
Thu,Mar/13/2014	863	32 MPH	46 F	
Mar/12/2014 09:00:00 AM Mar/13/2014 01:00:00 PM	3772	32 MPH	52 F	

Time/Volume Graph

HI-Star ID: 6157	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: SB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 4431
County: Laramie	AADT Factor: 1	AADT Count: 3,798

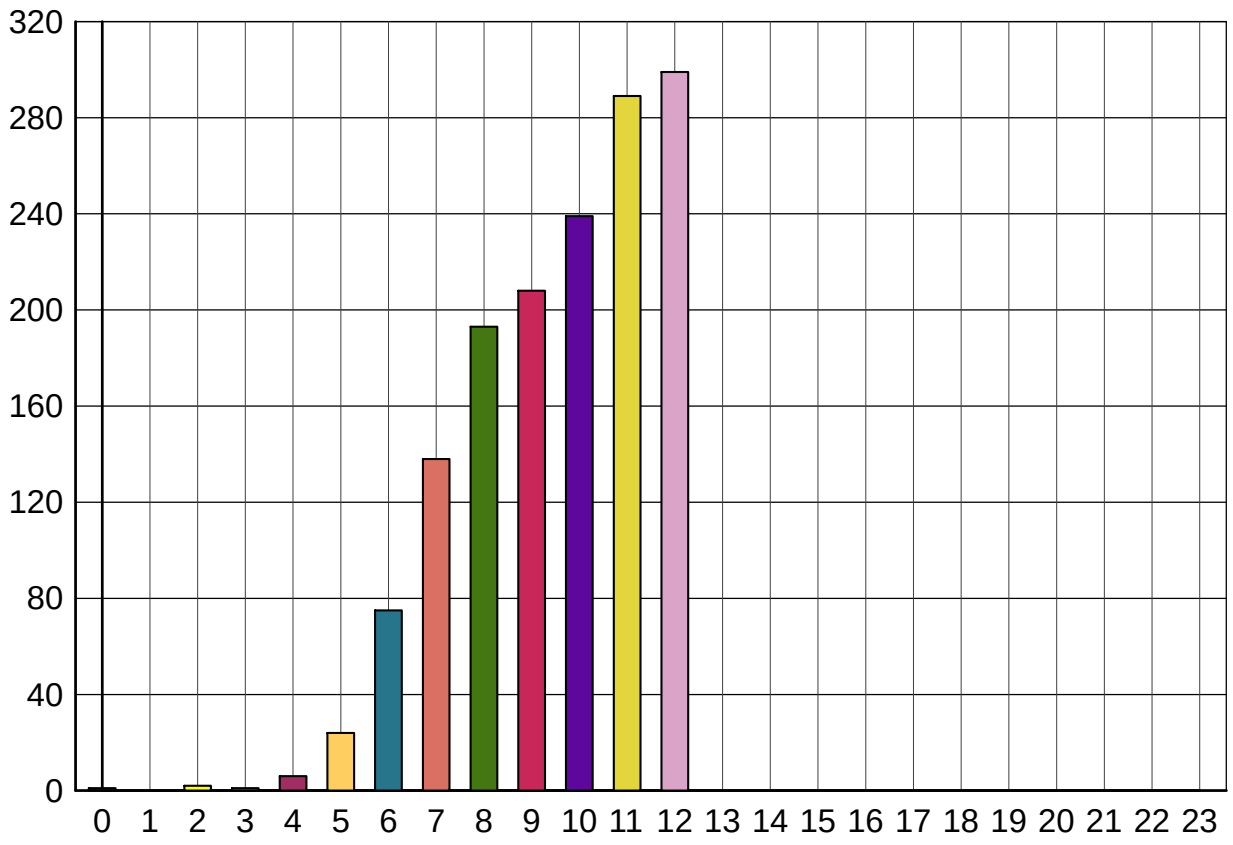


Wed,Mar/12/2014

(0) 12:00 - 12:59	(6) 06:00 - 06:59		(12) 12:00 - 12:59	274	(18) 18:00 - 18:59	268
(1) 01:00 - 01:59	(7) 07:00 - 07:59		(13) 13:00 - 13:59	246	(19) 19:00 - 19:59	168
(2) 02:00 - 02:59	(8) 08:00 - 08:59		(14) 14:00 - 14:59	225	(20) 20:00 - 20:59	75
(3) 03:00 - 03:59	(9) 09:00 - 09:59	223	(15) 15:00 - 15:59	250	(21) 21:00 - 21:59	35
(4) 04:00 - 04:49	(10) 10:00 - 10:59	225	(16) 16:00 - 16:59	287	(22) 22:00 - 22:59	11
(5) 05:00 - 05:59	(11) 11:00 - 11:59	302	(17) 17:00 - 17:59	359	(23) 23:00 - 23:59	8

Time/Volume Graph

HI-Star ID: 6157	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: SB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 4431
County: Laramie	AADT Factor: 1	AADT Count: 3,798



Thu,Mar/13/2014

(0) 12:00 - 12:59	1	(6) 06:00 - 06:59	75	(12) 12:00 - 12:59	299	(18) 18:00 - 18:59	
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	138	(13) 13:00 - 13:59		(19) 19:00 - 19:59	
(2) 02:00 - 02:59	2	(8) 08:00 - 08:59	193	(14) 14:00 - 14:59		(20) 20:00 - 20:59	
(3) 03:00 - 03:59	1	(9) 09:00 - 09:59	208	(15) 15:00 - 15:59		(21) 21:00 - 21:59	
(4) 04:00 - 04:49	6	(10) 10:00 - 10:59	239	(16) 16:00 - 16:59		(22) 22:00 - 22:59	
(5) 05:00 - 05:59	24	(11) 11:00 - 11:59	289	(17) 17:00 - 17:59		(23) 23:00 - 23:59	

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6157	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: SB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 4431
County: Laramie	AADT Factor: 1	AADT Count: 3,798

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[09:00-09:15]	46	17 MPH	44 F	---
[09:15-09:30]	48	14 MPH	41 F	---
[09:30-09:45]	73	17 MPH	41 F	---
[09:45-10:00]	56	17 MPH	42 F	---
[10:00-10:15]	53	18 MPH	46 F	---
[10:15-10:30]	43	18 MPH	48 F	---
[10:30-10:45]	55	16 MPH	52 F	---
[10:45-11:00]	74	15 MPH	52 F	---
[11:00-11:15]	78	14 MPH	56 F	---
[11:15-11:30]	82	15 MPH	58 F	---
[11:30-11:45]	75	15 MPH	62 F	---
[11:45-12:00]	67	15 MPH	66 F	---
[12:00-12:15]	63	17 MPH	68 F	---
[12:15-12:30]	68	14 MPH	72 F	---
[12:30-12:45]	74	14 MPH	74 F	---
[12:45-13:00]	69	13 MPH	76 F	---
[13:00-13:15]	61	17 MPH	76 F	---
[13:15-13:30]	67	13 MPH	78 F	---
[13:30-13:45]	53	15 MPH	78 F	---
[13:45-14:00]	65	12 MPH	80 F	---
[14:00-14:15]	49	13 MPH	82 F	---
[14:15-14:30]	61	14 MPH	82 F	---
[14:30-14:45]	49	14 MPH	82 F	---
[14:45-15:00]	66	15 MPH	82 F	---
[15:00-15:15]	68	14 MPH	82 F	---
[15:15-15:30]	55	15 MPH	82 F	---
[15:30-15:45]	62	12 MPH	82 F	---
[15:45-16:00]	65	15 MPH	82 F	---
[16:00-16:15]	72	15 MPH	78 F	---
[16:15-16:30]	72	17 MPH	78 F	---
[16:30-16:45]	60	15 MPH	76 F	---
[16:45-17:00]	83	16 MPH	74 F	---
[17:00-17:15]	83	13 MPH	72 F	---
[17:15-17:30]	96	12 MPH	70 F	---
[17:30-17:45]	96	12 MPH	66 F	---
[17:45-18:00]	84	15 MPH	62 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6157	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: SB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 4431
County: Laramie	AADT Factor: 1	AADT Count: 3,798

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[18:00-18:15]	71	15 MPH	58 F	---
[18:15-18:30]	86	14 MPH	54 F	---
[18:30-18:45]	60	15 MPH	52 F	---
[18:45-19:00]	51	17 MPH	46 F	---
[19:00-19:15]	46	14 MPH	44 F	---
[19:15-19:30]	40	14 MPH	42 F	---
[19:30-19:45]	39	16 MPH	41 F	---
[19:45-20:00]	43	15 MPH	39 F	---
[20:00-20:15]	28	14 MPH	39 F	---
[20:15-20:30]	17	16 MPH	37 F	---
[20:30-20:45]	20	16 MPH	37 F	---
[20:45-21:00]	10	19 MPH	35 F	---
[21:00-21:15]	9	16 MPH	35 F	---
[21:15-21:30]	12	13 MPH	33 F	---
[21:30-21:45]	11	16 MPH	33 F	---
[21:45-22:00]	3	18 MPH	31 F	---
[22:00-22:15]	2	28 MPH	31 F	---
[22:15-22:30]	1	4 MPH	31 F	---
[22:30-22:45]	4	23 MPH	33 F	---
[22:45-23:00]	4	25 MPH	33 F	---
[23:00-23:15]	1	38 MPH	33 F	---
[23:15-23:30]	3	9 MPH	33 F	---
[23:30-23:45]	4	19 MPH	35 F	---
[23:45-00:00]	0	0 MPH	35 F	---
Wed,Mar/12/2014	2956	15 MPH	56 F	
Thu,Mar/13/2014				
[00:00-00:15]	0	0 MPH	35 F	---
[00:15-00:30]	1	4 MPH	35 F	---
[00:30-00:45]	0	0 MPH	35 F	---
[00:45-01:00]	0	0 MPH	35 F	---
[01:00-01:15]	0	0 MPH	37 F	---
[01:15-01:30]	0	0 MPH	37 F	---
[01:30-01:45]	0	0 MPH	37 F	---
[01:45-02:00]	0	0 MPH	37 F	---
[02:00-02:15]	0	0 MPH	39 F	---
[02:15-02:30]	1	12 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6157	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: SB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 4431
County: Laramie	AADT Factor: 1	AADT Count: 3,798

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[02:30-02:45]	1	0 MPH	39 F	---
[02:45-03:00]	0	0 MPH	39 F	---
[03:00-03:15]	0	0 MPH	39 F	---
[03:15-03:30]	0	0 MPH	39 F	---
[03:30-03:45]	1	4 MPH	41 F	---
[03:45-04:00]	0	0 MPH	41 F	---
[04:00-04:15]	0	0 MPH	41 F	---
[04:15-04:30]	0	0 MPH	41 F	---
[04:30-04:45]	3	7 MPH	41 F	---
[04:45-05:00]	3	8 MPH	41 F	---
[05:00-05:15]	3	18 MPH	41 F	---
[05:15-05:30]	4	21 MPH	41 F	---
[05:30-05:45]	8	17 MPH	41 F	---
[05:45-06:00]	9	13 MPH	39 F	---
[06:00-06:15]	10	20 MPH	39 F	---
[06:15-06:30]	11	13 MPH	39 F	---
[06:30-06:45]	18	12 MPH	39 F	---
[06:45-07:00]	36	13 MPH	39 F	---
[07:00-07:15]	14	15 MPH	39 F	---
[07:15-07:30]	31	17 MPH	39 F	---
[07:30-07:45]	44	16 MPH	37 F	---
[07:45-08:00]	49	15 MPH	35 F	---
[08:00-08:15]	48	17 MPH	31 F	---
[08:15-08:30]	40	16 MPH	33 F	---
[08:30-08:45]	46	17 MPH	37 F	---
[08:45-09:00]	59	16 MPH	41 F	---
[09:00-09:15]	43	14 MPH	44 F	---
[09:15-09:30]	40	14 MPH	46 F	---
[09:30-09:45]	67	17 MPH	50 F	---
[09:45-10:00]	58	15 MPH	52 F	---
[10:00-10:15]	53	16 MPH	54 F	---
[10:15-10:30]	38	18 MPH	58 F	---
[10:30-10:45]	64	12 MPH	60 F	---
[10:45-11:00]	84	14 MPH	62 F	---
[11:00-11:15]	74	13 MPH	64 F	---
[11:15-11:30]	73	16 MPH	66 F	---

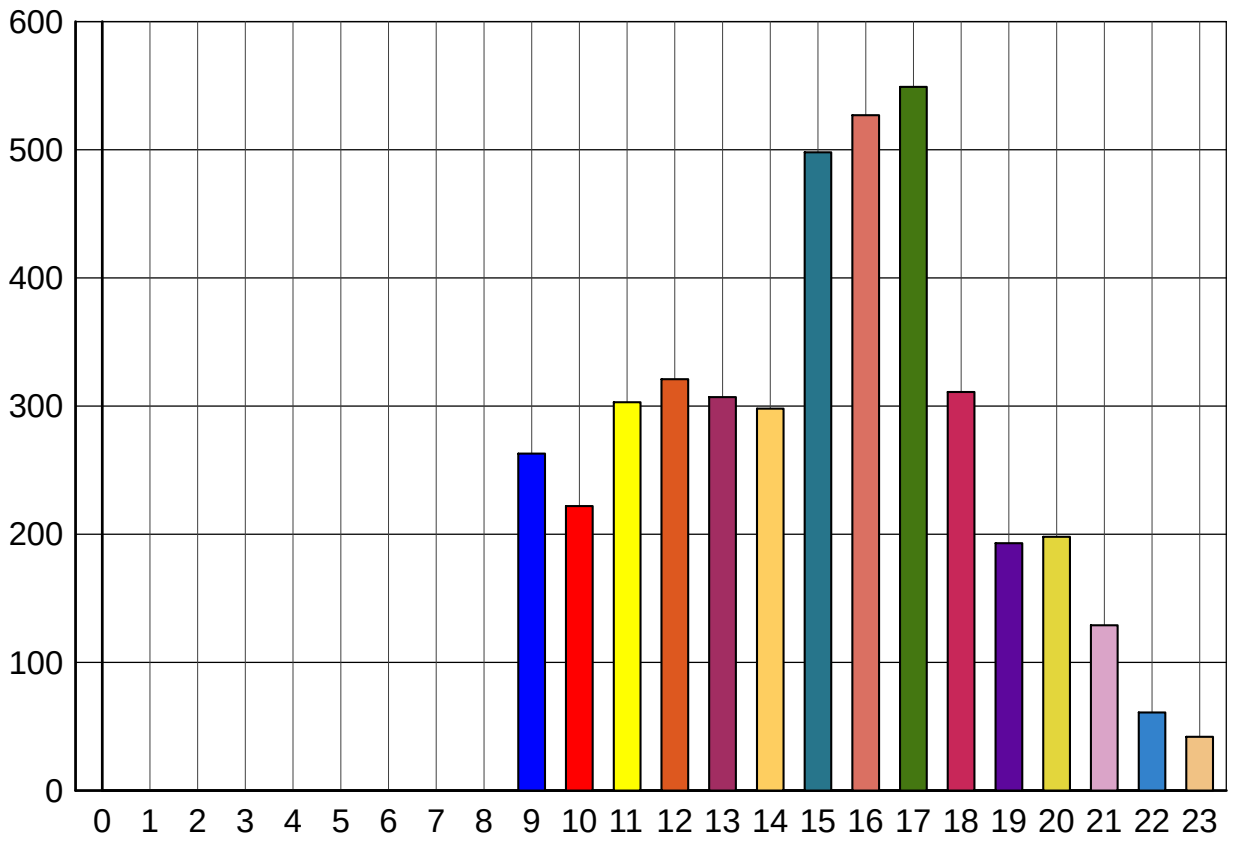
Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6157	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Powderhouse Rd - S of Storey	Lane: SB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 4431
County: Laramie	AADT Factor: 1	AADT Count: 3,798

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[11:30-11:45]	73	16 MPH	68 F	---
[11:45-12:00]	69	15 MPH	70 F	---
[12:00-12:15]	64	15 MPH	72 F	---
[12:15-12:30]	70	12 MPH	74 F	---
[12:30-12:45]	84	13 MPH	76 F	---
[12:45-13:00]	81	14 MPH	76 F	---
Thu,Mar/13/2014	1475	13 MPH	46 F	
Mar/12/2014 09:00:00 AM Mar/13/2014 01:00:00 PM	4431	15 MPH	51 F	

Time/Volume Graph

HI-Star ID: 6151	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: EB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 6328
County: Laramie	AADT Factor: 1	AADT Count: 5,424

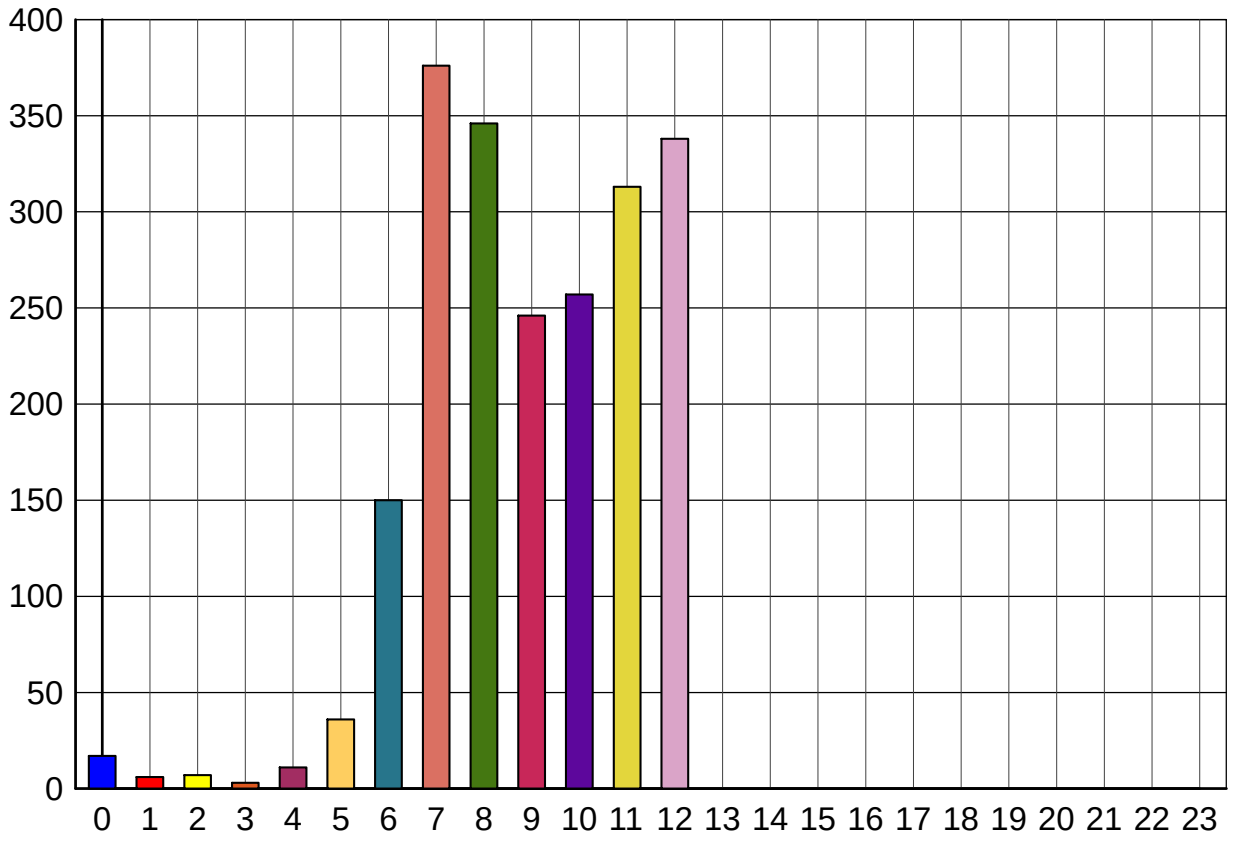


Wed,Mar/12/2014

(0) 12:00 - 12:59	(6) 06:00 - 06:59		(12) 12:00 - 12:59	321	(18) 18:00 - 18:59	311
(1) 01:00 - 01:59	(7) 07:00 - 07:59		(13) 13:00 - 13:59	307	(19) 19:00 - 19:59	193
(2) 02:00 - 02:59	(8) 08:00 - 08:59		(14) 14:00 - 14:59	298	(20) 20:00 - 20:59	198
(3) 03:00 - 03:59	(9) 09:00 - 09:59	263	(15) 15:00 - 15:59	498	(21) 21:00 - 21:59	129
(4) 04:00 - 04:49	(10) 10:00 - 10:59	222	(16) 16:00 - 16:59	527	(22) 22:00 - 22:59	61
(5) 05:00 - 05:59	(11) 11:00 - 11:59	303	(17) 17:00 - 17:59	549	(23) 23:00 - 23:59	42

Time/Volume Graph

HI-Star ID:	6151	Begin:	Mar/12/2014 09:00:00 AM	End:	Mar/13/2014 01:00:00 PM
Street:	Storey Blvd - E of Powderhouse	Lane:	EB	Hours:	28.00
State:	WY	Oper:	Ayr	Period:	15
City:	Cheyenne	Posted:	40	Raw Count:	6328
County:	Laramie	AADT Factor:	1	AADT Count:	5,424



Thu,Mar/13/2014

(0) 12:00 - 12:59	17	(6) 06:00 - 06:59	150	(12) 12:00 - 12:59	338	(18) 18:00 - 18:59	
(1) 01:00 - 01:59	6	(7) 07:00 - 07:59	376	(13) 13:00 - 13:59		(19) 19:00 - 19:59	
(2) 02:00 - 02:59	7	(8) 08:00 - 08:59	346	(14) 14:00 - 14:59		(20) 20:00 - 20:59	
(3) 03:00 - 03:59	3	(9) 09:00 - 09:59	246	(15) 15:00 - 15:59		(21) 21:00 - 21:59	
(4) 04:00 - 04:49	11	(10) 10:00 - 10:59	257	(16) 16:00 - 16:59		(22) 22:00 - 22:59	
(5) 05:00 - 05:59	36	(11) 11:00 - 11:59	313	(17) 17:00 - 17:59		(23) 23:00 - 23:59	

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: EB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 6328
County: Laramie	AADT Factor: 1	AADT Count: 5,424

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[09:00-09:15]	63	32 MPH	48 F	---
[09:15-09:30]	55	32 MPH	42 F	---
[09:30-09:45]	76	35 MPH	41 F	---
[09:45-10:00]	69	34 MPH	42 F	---
[10:00-10:15]	48	35 MPH	46 F	---
[10:15-10:30]	62	35 MPH	50 F	---
[10:30-10:45]	63	36 MPH	52 F	---
[10:45-11:00]	49	34 MPH	54 F	---
[11:00-11:15]	67	35 MPH	58 F	---
[11:15-11:30]	76	34 MPH	60 F	---
[11:30-11:45]	84	35 MPH	64 F	---
[11:45-12:00]	76	35 MPH	66 F	---
[12:00-12:15]	86	34 MPH	68 F	---
[12:15-12:30]	81	33 MPH	72 F	---
[12:30-12:45]	90	35 MPH	74 F	---
[12:45-13:00]	64	34 MPH	76 F	---
[13:00-13:15]	83	34 MPH	76 F	---
[13:15-13:30]	67	35 MPH	78 F	---
[13:30-13:45]	78	34 MPH	78 F	---
[13:45-14:00]	79	35 MPH	80 F	---
[14:00-14:15]	90	33 MPH	80 F	---
[14:15-14:30]	66	34 MPH	80 F	---
[14:30-14:45]	69	35 MPH	82 F	---
[14:45-15:00]	73	35 MPH	80 F	---
[15:00-15:15]	105	35 MPH	80 F	---
[15:15-15:30]	125	34 MPH	78 F	---
[15:30-15:45]	138	34 MPH	78 F	---
[15:45-16:00]	130	35 MPH	76 F	---
[16:00-16:15]	143	34 MPH	76 F	---
[16:15-16:30]	111	35 MPH	76 F	---
[16:30-16:45]	157	35 MPH	72 F	---
[16:45-17:00]	116	34 MPH	70 F	---
[17:00-17:15]	184	34 MPH	68 F	---
[17:15-17:30]	140	35 MPH	66 F	---
[17:30-17:45]	136	36 MPH	64 F	---
[17:45-18:00]	89	35 MPH	60 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: EB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 6328
County: Laramie	AADT Factor: 1	AADT Count: 5,424

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[18:00-18:15]	109	36 MPH	56 F	---
[18:15-18:30]	74	35 MPH	52 F	---
[18:30-18:45]	73	35 MPH	50 F	---
[18:45-19:00]	55	35 MPH	46 F	---
[19:00-19:15]	53	35 MPH	44 F	---
[19:15-19:30]	41	34 MPH	42 F	---
[19:30-19:45]	48	35 MPH	41 F	---
[19:45-20:00]	51	34 MPH	41 F	---
[20:00-20:15]	64	34 MPH	39 F	---
[20:15-20:30]	48	34 MPH	37 F	---
[20:30-20:45]	53	35 MPH	37 F	---
[20:45-21:00]	33	34 MPH	35 F	---
[21:00-21:15]	44	34 MPH	35 F	---
[21:15-21:30]	35	36 MPH	35 F	---
[21:30-21:45]	23	35 MPH	33 F	---
[21:45-22:00]	27	33 MPH	33 F	---
[22:00-22:15]	22	35 MPH	31 F	---
[22:15-22:30]	17	35 MPH	31 F	---
[22:30-22:45]	12	35 MPH	31 F	---
[22:45-23:00]	10	35 MPH	33 F	---
[23:00-23:15]	13	35 MPH	33 F	---
[23:15-23:30]	5	36 MPH	33 F	---
[23:30-23:45]	10	36 MPH	35 F	---
[23:45-00:00]	14	33 MPH	35 F	---
Wed,Mar/12/2014	4222	35 MPH	55 F	
Thu,Mar/13/2014				
[00:00-00:15]	10	33 MPH	35 F	---
[00:15-00:30]	3	33 MPH	35 F	---
[00:30-00:45]	3	39 MPH	35 F	---
[00:45-01:00]	1	32 MPH	35 F	---
[01:00-01:15]	1	38 MPH	37 F	---
[01:15-01:30]	1	32 MPH	37 F	---
[01:30-01:45]	3	31 MPH	37 F	---
[01:45-02:00]	1	32 MPH	37 F	---
[02:00-02:15]	1	32 MPH	39 F	---
[02:15-02:30]	1	38 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: EB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 6328
County: Laramie	AADT Factor: 1	AADT Count: 5,424

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[02:30-02:45]	3	41 MPH	39 F	---
[02:45-03:00]	2	35 MPH	39 F	---
[03:00-03:15]	0	0 MPH	39 F	---
[03:15-03:30]	0	0 MPH	41 F	---
[03:30-03:45]	0	0 MPH	41 F	---
[03:45-04:00]	3	35 MPH	41 F	---
[04:00-04:15]	0	0 MPH	41 F	---
[04:15-04:30]	4	33 MPH	41 F	---
[04:30-04:45]	3	36 MPH	41 F	---
[04:45-05:00]	4	39 MPH	41 F	---
[05:00-05:15]	8	34 MPH	41 F	---
[05:15-05:30]	5	33 MPH	41 F	---
[05:30-05:45]	12	38 MPH	41 F	---
[05:45-06:00]	11	37 MPH	41 F	---
[06:00-06:15]	31	35 MPH	39 F	---
[06:15-06:30]	28	35 MPH	39 F	---
[06:30-06:45]	46	35 MPH	39 F	---
[06:45-07:00]	45	35 MPH	39 F	---
[07:00-07:15]	71	36 MPH	39 F	---
[07:15-07:30]	120	32 MPH	37 F	---
[07:30-07:45]	111	33 MPH	37 F	---
[07:45-08:00]	74	35 MPH	35 F	---
[08:00-08:15]	95	33 MPH	31 F	---
[08:15-08:30]	111	34 MPH	33 F	---
[08:30-08:45]	79	35 MPH	37 F	---
[08:45-09:00]	61	35 MPH	41 F	---
[09:00-09:15]	54	36 MPH	42 F	---
[09:15-09:30]	55	35 MPH	46 F	---
[09:30-09:45]	63	36 MPH	50 F	---
[09:45-10:00]	74	34 MPH	52 F	---
[10:00-10:15]	74	35 MPH	56 F	---
[10:15-10:30]	52	35 MPH	58 F	---
[10:30-10:45]	70	34 MPH	60 F	---
[10:45-11:00]	61	34 MPH	62 F	---
[11:00-11:15]	83	34 MPH	66 F	---
[11:15-11:30]	63	35 MPH	68 F	---

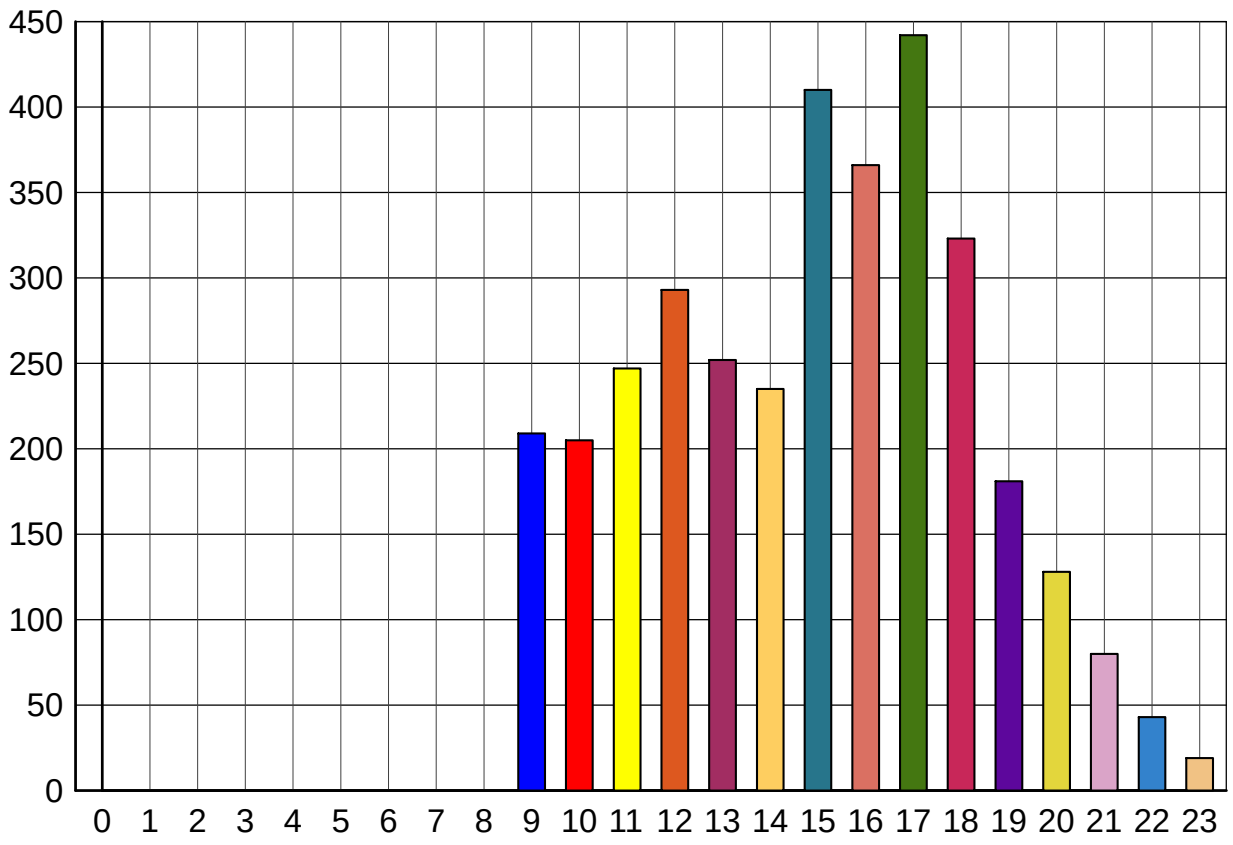
Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: EB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 6328
County: Laramie	AADT Factor: 1	AADT Count: 5,424

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[11:30-11:45]	88	36 MPH	70 F	---
[11:45-12:00]	79	35 MPH	72 F	---
[12:00-12:15]	90	35 MPH	74 F	---
[12:15-12:30]	79	34 MPH	76 F	---
[12:30-12:45]	80	35 MPH	76 F	---
[12:45-13:00]	89	34 MPH	78 F	---
Thu,Mar/13/2014	2106	35 MPH	46 F	
Mar/12/2014 09:00:00 AM Mar/13/2014 01:00:00 PM	6328	35 MPH	51 F	

Time/Volume Graph

HI-Star ID: 6153	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: WB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 5389
County: Laramie	AADT Factor: 1	AADT Count: 4,619

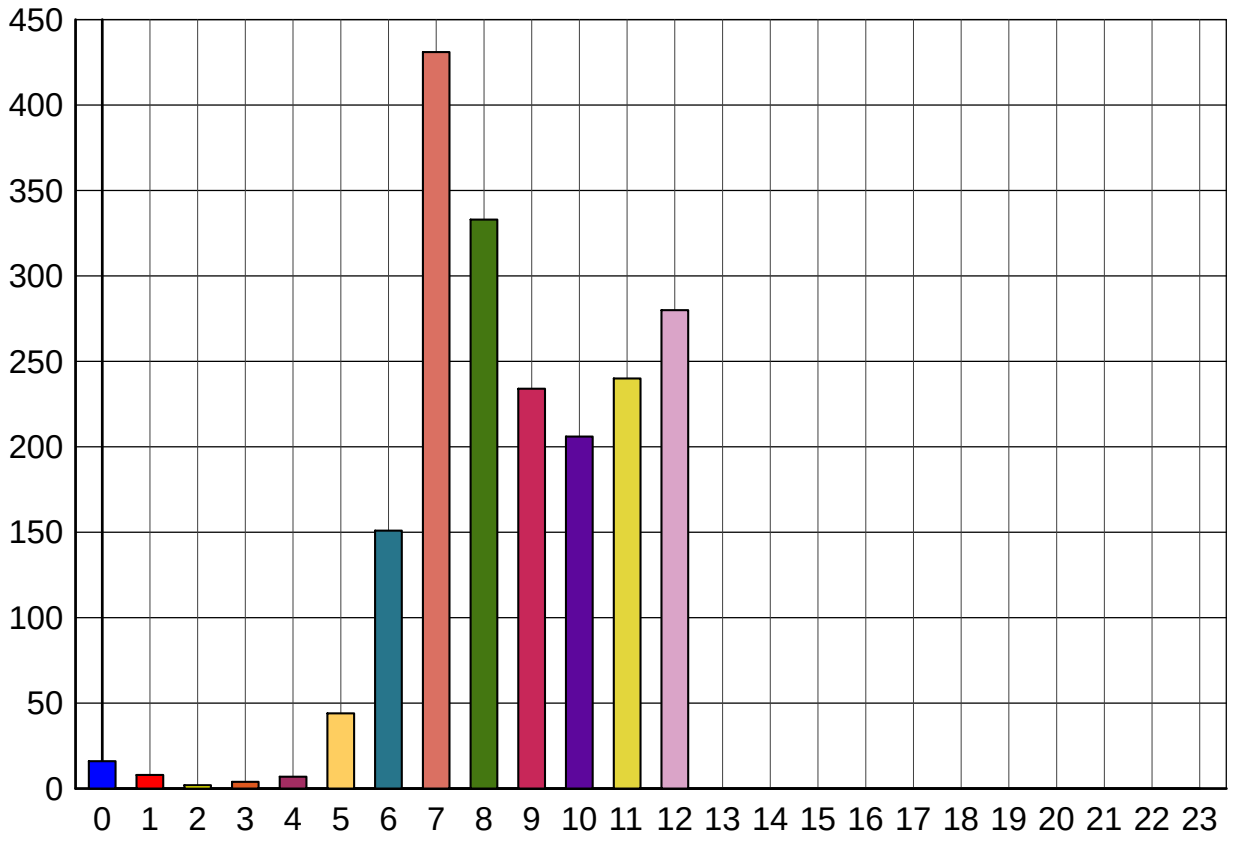


Wed,Mar/12/2014

(0) 12:00 - 12:59		(6) 06:00 - 06:59			(12) 12:00 - 12:59	293		(18) 18:00 - 18:59	323		
(1) 01:00 - 01:59		(7) 07:00 - 07:59			(13) 13:00 - 13:59	252		(19) 19:00 - 19:59	181		
(2) 02:00 - 02:59		(8) 08:00 - 08:59			(14) 14:00 - 14:59	235		(20) 20:00 - 20:59	128		
(3) 03:00 - 03:59		(9) 09:00 - 09:59	209		(15) 15:00 - 15:59	410		(21) 21:00 - 21:59	80		
(4) 04:00 - 04:49		(10) 10:00 - 10:59	205		(16) 16:00 - 16:59	366		(22) 22:00 - 22:59	43		
(5) 05:00 - 05:59		(11) 11:00 - 11:59	247		(17) 17:00 - 17:59	442		(23) 23:00 - 23:59	19		

Time/Volume Graph

HI-Star ID: 6153	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: WB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 5389
County: Laramie	AADT Factor: 1	AADT Count: 4,619



Thu,Mar/13/2014

(0) 12:00 - 12:59	16	(6) 06:00 - 06:59	151	(12) 12:00 - 12:59	280	(18) 18:00 - 18:59	
(1) 01:00 - 01:59	8	(7) 07:00 - 07:59	431	(13) 13:00 - 13:59		(19) 19:00 - 19:59	
(2) 02:00 - 02:59	2	(8) 08:00 - 08:59	333	(14) 14:00 - 14:59		(20) 20:00 - 20:59	
(3) 03:00 - 03:59	4	(9) 09:00 - 09:59	234	(15) 15:00 - 15:59		(21) 21:00 - 21:59	
(4) 04:00 - 04:49	7	(10) 10:00 - 10:59	206	(16) 16:00 - 16:59		(22) 22:00 - 22:59	
(5) 05:00 - 05:59	44	(11) 11:00 - 11:59	240	(17) 17:00 - 17:59		(23) 23:00 - 23:59	

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6153	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: WB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 5389
County: Laramie	AADT Factor: 1	AADT Count: 4,619

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[09:00-09:15]	41	33 MPH	52 F	---
[09:15-09:30]	48	35 MPH	46 F	---
[09:30-09:45]	57	34 MPH	44 F	---
[09:45-10:00]	63	34 MPH	46 F	---
[10:00-10:15]	49	35 MPH	48 F	---
[10:15-10:30]	48	36 MPH	52 F	---
[10:30-10:45]	51	34 MPH	52 F	---
[10:45-11:00]	57	34 MPH	56 F	---
[11:00-11:15]	43	34 MPH	58 F	---
[11:15-11:30]	65	34 MPH	62 F	---
[11:30-11:45]	69	34 MPH	66 F	---
[11:45-12:00]	70	34 MPH	68 F	---
[12:00-12:15]	57	35 MPH	70 F	---
[12:15-12:30]	85	34 MPH	72 F	---
[12:30-12:45]	75	33 MPH	74 F	---
[12:45-13:00]	76	35 MPH	76 F	---
[13:00-13:15]	64	35 MPH	76 F	---
[13:15-13:30]	74	37 MPH	78 F	---
[13:30-13:45]	56	33 MPH	78 F	---
[13:45-14:00]	58	34 MPH	80 F	---
[14:00-14:15]	57	35 MPH	80 F	---
[14:15-14:30]	54	35 MPH	80 F	---
[14:30-14:45]	47	34 MPH	82 F	---
[14:45-15:00]	77	35 MPH	80 F	---
[15:00-15:15]	92	34 MPH	80 F	---
[15:15-15:30]	87	34 MPH	78 F	---
[15:30-15:45]	102	34 MPH	78 F	---
[15:45-16:00]	129	33 MPH	76 F	---
[16:00-16:15]	95	35 MPH	76 F	---
[16:15-16:30]	94	34 MPH	76 F	---
[16:30-16:45]	75	35 MPH	74 F	---
[16:45-17:00]	102	33 MPH	72 F	---
[17:00-17:15]	122	33 MPH	70 F	---
[17:15-17:30]	107	34 MPH	68 F	---
[17:30-17:45]	105	35 MPH	64 F	---
[17:45-18:00]	108	34 MPH	60 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6153	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: WB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 5389
County: Laramie	AADT Factor: 1	AADT Count: 4,619

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/12/2014				
[18:00-18:15]	84	35 MPH	56 F	---
[18:15-18:30]	98	34 MPH	52 F	---
[18:30-18:45]	68	35 MPH	50 F	---
[18:45-19:00]	73	33 MPH	46 F	---
[19:00-19:15]	59	35 MPH	44 F	---
[19:15-19:30]	39	33 MPH	42 F	---
[19:30-19:45]	31	33 MPH	41 F	---
[19:45-20:00]	52	33 MPH	39 F	---
[20:00-20:15]	40	34 MPH	39 F	---
[20:15-20:30]	35	33 MPH	37 F	---
[20:30-20:45]	34	33 MPH	37 F	---
[20:45-21:00]	19	34 MPH	35 F	---
[21:00-21:15]	29	34 MPH	35 F	---
[21:15-21:30]	13	35 MPH	33 F	---
[21:30-21:45]	18	33 MPH	33 F	---
[21:45-22:00]	20	35 MPH	33 F	---
[22:00-22:15]	16	34 MPH	31 F	---
[22:15-22:30]	14	41 MPH	31 F	---
[22:30-22:45]	9	36 MPH	33 F	---
[22:45-23:00]	4	32 MPH	33 F	---
[23:00-23:15]	3	43 MPH	33 F	---
[23:15-23:30]	3	33 MPH	33 F	---
[23:30-23:45]	6	32 MPH	35 F	---
[23:45-00:00]	7	36 MPH	35 F	---
Wed,Mar/12/2014	3433	34 MPH	56 F	
Thu,Mar/13/2014				
[00:00-00:15]	6	34 MPH	35 F	---
[00:15-00:30]	4	36 MPH	35 F	---
[00:30-00:45]	5	38 MPH	35 F	---
[00:45-01:00]	1	38 MPH	35 F	---
[01:00-01:15]	1	38 MPH	37 F	---
[01:15-01:30]	3	36 MPH	37 F	---
[01:30-01:45]	3	33 MPH	37 F	---
[01:45-02:00]	1	32 MPH	37 F	---
[02:00-02:15]	1	38 MPH	39 F	---
[02:15-02:30]	0	0 MPH	39 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6153	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: WB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 5389
County: Laramie	AADT Factor: 1	AADT Count: 4,619

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[02:30-02:45]	0	0 MPH	39 F	---
[02:45-03:00]	1	38 MPH	39 F	---
[03:00-03:15]	1	32 MPH	41 F	---
[03:15-03:30]	0	0 MPH	41 F	---
[03:30-03:45]	1	42 MPH	41 F	---
[03:45-04:00]	2	38 MPH	41 F	---
[04:00-04:15]	1	42 MPH	41 F	---
[04:15-04:30]	3	31 MPH	41 F	---
[04:30-04:45]	0	0 MPH	41 F	---
[04:45-05:00]	3	37 MPH	41 F	---
[05:00-05:15]	2	35 MPH	41 F	---
[05:15-05:30]	14	41 MPH	41 F	---
[05:30-05:45]	16	36 MPH	41 F	---
[05:45-06:00]	12	37 MPH	41 F	---
[06:00-06:15]	12	35 MPH	39 F	---
[06:15-06:30]	27	34 MPH	39 F	---
[06:30-06:45]	46	35 MPH	39 F	---
[06:45-07:00]	66	36 MPH	39 F	---
[07:00-07:15]	74	35 MPH	39 F	---
[07:15-07:30]	98	32 MPH	37 F	---
[07:30-07:45]	113	33 MPH	37 F	---
[07:45-08:00]	146	33 MPH	33 F	---
[08:00-08:15]	84	36 MPH	31 F	---
[08:15-08:30]	106	36 MPH	35 F	---
[08:30-08:45]	76	34 MPH	37 F	---
[08:45-09:00]	67	35 MPH	41 F	---
[09:00-09:15]	62	35 MPH	44 F	---
[09:15-09:30]	52	34 MPH	46 F	---
[09:30-09:45]	54	34 MPH	50 F	---
[09:45-10:00]	66	34 MPH	52 F	---
[10:00-10:15]	60	34 MPH	54 F	---
[10:15-10:30]	43	36 MPH	56 F	---
[10:30-10:45]	42	35 MPH	58 F	---
[10:45-11:00]	61	34 MPH	62 F	---
[11:00-11:15]	55	36 MPH	64 F	---
[11:15-11:30]	58	34 MPH	66 F	---

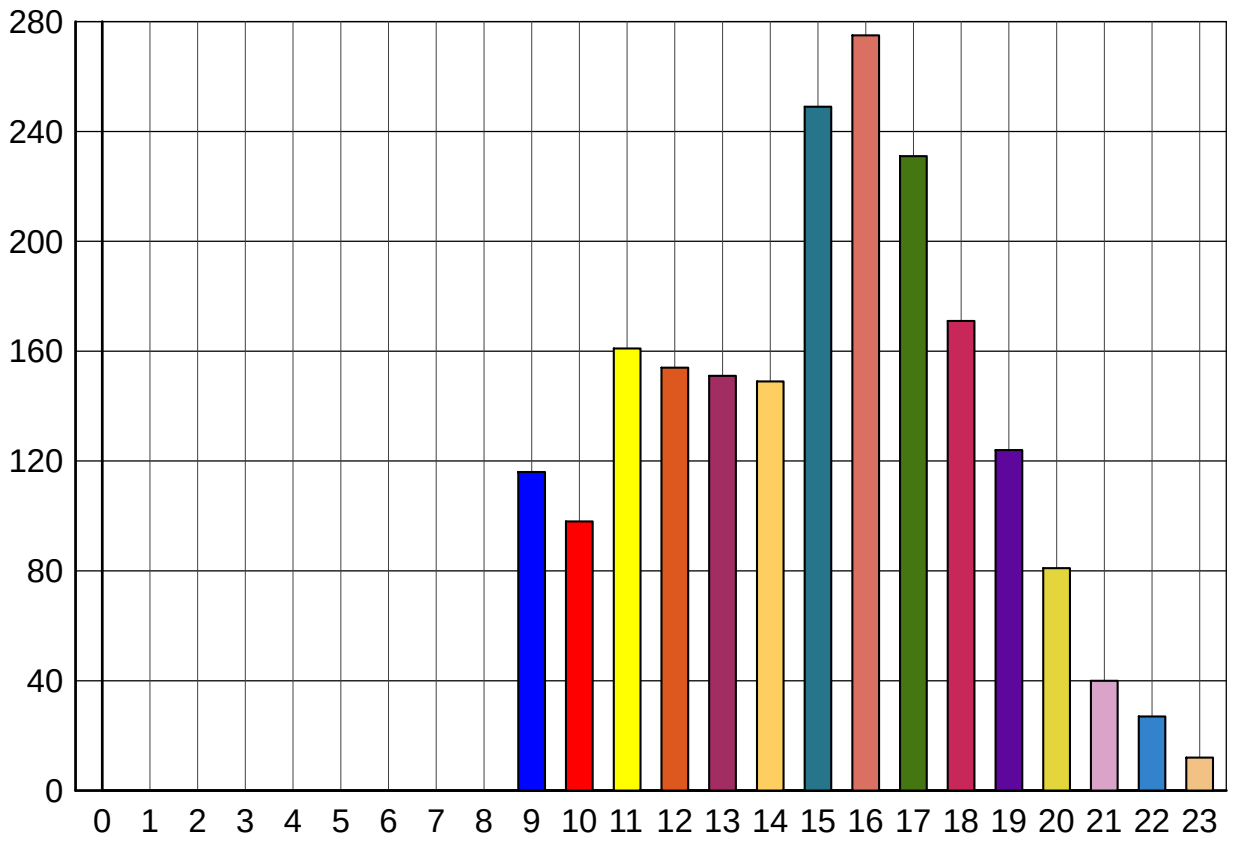
Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6153	Begin: Mar/12/2014 09:00:00 AM	End: Mar/13/2014 01:00:00 PM
Street: Storey Blvd - E of Powderhouse	Lane: WB	Hours: 28.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 40	Raw Count: 5389
County: Laramie	AADT Factor: 1	AADT Count: 4,619

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/13/2014				
[11:30-11:45]	64	34 MPH	68 F	---
[11:45-12:00]	63	34 MPH	70 F	---
[12:00-12:15]	51	34 MPH	72 F	---
[12:15-12:30]	79	34 MPH	74 F	---
[12:30-12:45]	60	33 MPH	76 F	---
[12:45-13:00]	90	34 MPH	76 F	---
Thu,Mar/13/2014	1956	35 MPH	46 F	
Mar/12/2014 09:00:00 AM Mar/13/2014 01:00:00 PM	5389	34 MPH	51 F	

Time/Volume Graph

HI-Star ID: 6151	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse Ave.	Lane: NB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 2758
County: Laramie	AADT Factor: 1	AADT Count: 2,452

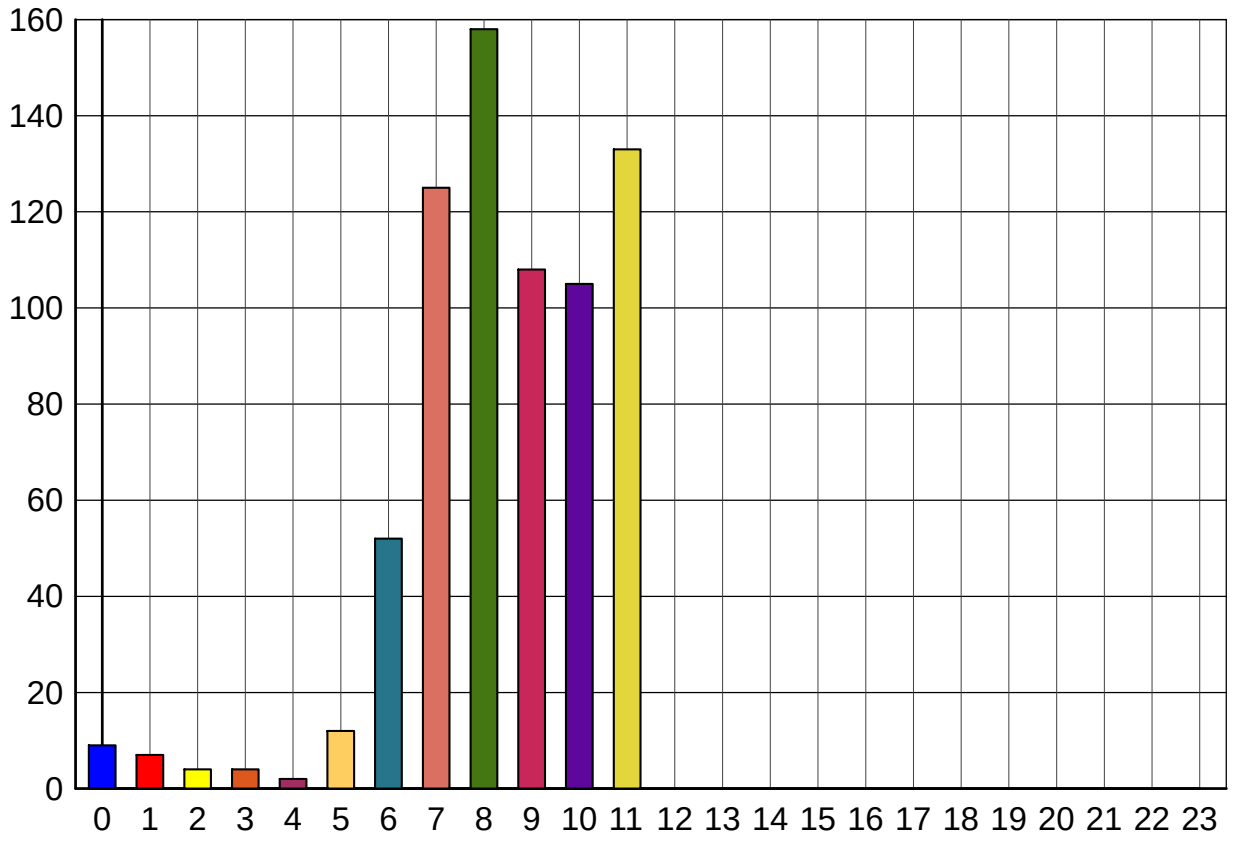


Wed,Mar/19/2014

(0) 12:00 - 12:59		(6) 06:00 - 06:59			(12) 12:00 - 12:59	154		(18) 18:00 - 18:59	171		
(1) 01:00 - 01:59		(7) 07:00 - 07:59			(13) 13:00 - 13:59	151		(19) 19:00 - 19:59	124		
(2) 02:00 - 02:59		(8) 08:00 - 08:59			(14) 14:00 - 14:59	149		(20) 20:00 - 20:59	81		
(3) 03:00 - 03:59		(9) 09:00 - 09:59	116		(15) 15:00 - 15:59	249		(21) 21:00 - 21:59	40		
(4) 04:00 - 04:49		(10) 10:00 - 10:59	98		(16) 16:00 - 16:59	275		(22) 22:00 - 22:59	27		
(5) 05:00 - 05:59		(11) 11:00 - 11:59	161		(17) 17:00 - 17:59	231		(23) 23:00 - 23:59	12		

Time/Volume Graph

HI-Star ID: 6151	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse Ave.	Lane: NB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 2758
County: Laramie	AADT Factor: 1	AADT Count: 2,452



Thu,Mar/20/2014

(0) 12:00 - 12:59	9	(6) 06:00 - 06:59	52	(12) 12:00 - 12:59		(18) 18:00 - 18:59	
(1) 01:00 - 01:59	7	(7) 07:00 - 07:59	125	(13) 13:00 - 13:59		(19) 19:00 - 19:59	
(2) 02:00 - 02:59	4	(8) 08:00 - 08:59	158	(14) 14:00 - 14:59		(20) 20:00 - 20:59	
(3) 03:00 - 03:59	4	(9) 09:00 - 09:59	108	(15) 15:00 - 15:59		(21) 21:00 - 21:59	
(4) 04:00 - 04:49	2	(10) 10:00 - 10:59	105	(16) 16:00 - 16:59		(22) 22:00 - 22:59	
(5) 05:00 - 05:59	12	(11) 11:00 - 11:59	133	(17) 17:00 - 17:59		(23) 23:00 - 23:59	

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse Ave.	Lane: NB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 2758
County: Laramie	AADT Factor: 1	AADT Count: 2,452

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/19/2014				
[09:00-09:15]	24	38 MPH	48 F	---
[09:15-09:30]	29	35 MPH	50 F	---
[09:30-09:45]	33	35 MPH	52 F	---
[09:45-10:00]	30	38 MPH	56 F	---
[10:00-10:15]	24	36 MPH	60 F	---
[10:15-10:30]	20	36 MPH	66 F	---
[10:30-10:45]	24	34 MPH	70 F	---
[10:45-11:00]	30	37 MPH	72 F	---
[11:00-11:15]	38	35 MPH	72 F	---
[11:15-11:30]	36	34 MPH	72 F	---
[11:30-11:45]	50	34 MPH	74 F	---
[11:45-12:00]	37	35 MPH	76 F	---
[12:00-12:15]	43	35 MPH	78 F	---
[12:15-12:30]	34	35 MPH	80 F	---
[12:30-12:45]	36	36 MPH	82 F	---
[12:45-13:00]	41	36 MPH	82 F	---
[13:00-13:15]	45	34 MPH	82 F	---
[13:15-13:30]	32	37 MPH	82 F	---
[13:30-13:45]	37	36 MPH	80 F	---
[13:45-14:00]	37	36 MPH	82 F	---
[14:00-14:15]	35	36 MPH	82 F	---
[14:15-14:30]	36	37 MPH	83 F	---
[14:30-14:45]	34	36 MPH	83 F	---
[14:45-15:00]	44	36 MPH	83 F	---
[15:00-15:15]	51	36 MPH	83 F	---
[15:15-15:30]	49	35 MPH	83 F	---
[15:30-15:45]	68	34 MPH	82 F	---
[15:45-16:00]	81	34 MPH	78 F	---
[16:00-16:15]	64	35 MPH	74 F	---
[16:15-16:30]	68	35 MPH	68 F	---
[16:30-16:45]	75	34 MPH	64 F	---
[16:45-17:00]	68	35 MPH	60 F	---
[17:00-17:15]	65	34 MPH	58 F	---
[17:15-17:30]	47	35 MPH	56 F	---
[17:30-17:45]	64	36 MPH	52 F	---
[17:45-18:00]	55	36 MPH	52 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse Ave.	Lane: NB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 2758
County: Laramie	AADT Factor: 1	AADT Count: 2,452

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/19/2014				
[18:00-18:15]	36	36 MPH	52 F	---
[18:15-18:30]	46	34 MPH	50 F	---
[18:30-18:45]	47	36 MPH	48 F	---
[18:45-19:00]	42	34 MPH	46 F	---
[19:00-19:15]	33	36 MPH	44 F	---
[19:15-19:30]	36	37 MPH	44 F	---
[19:30-19:45]	27	37 MPH	42 F	---
[19:45-20:00]	28	33 MPH	42 F	---
[20:00-20:15]	22	33 MPH	41 F	---
[20:15-20:30]	22	34 MPH	41 F	---
[20:30-20:45]	23	33 MPH	39 F	---
[20:45-21:00]	14	32 MPH	39 F	---
[21:00-21:15]	10	35 MPH	37 F	---
[21:15-21:30]	9	34 MPH	37 F	---
[21:30-21:45]	12	35 MPH	35 F	---
[21:45-22:00]	9	33 MPH	35 F	---
[22:00-22:15]	12	33 MPH	35 F	---
[22:15-22:30]	8	33 MPH	33 F	---
[22:30-22:45]	4	27 MPH	33 F	---
[22:45-23:00]	3	36 MPH	33 F	---
[23:00-23:15]	4	33 MPH	33 F	---
[23:15-23:30]	4	35 MPH	33 F	---
[23:30-23:45]	1	38 MPH	31 F	---
[23:45-00:00]	3	42 MPH	33 F	---
Wed,Mar/19/2014	2039	35 MPH	58 F	
Thu,Mar/20/2014				
[00:00-00:15]	1	32 MPH	33 F	---
[00:15-00:30]	4	38 MPH	33 F	---
[00:30-00:45]	1	28 MPH	33 F	---
[00:45-01:00]	3	36 MPH	33 F	---
[01:00-01:15]	3	27 MPH	33 F	---
[01:15-01:30]	1	42 MPH	33 F	---
[01:30-01:45]	2	37 MPH	33 F	---
[01:45-02:00]	1	38 MPH	31 F	---
[02:00-02:15]	1	32 MPH	31 F	---
[02:15-02:30]	2	42 MPH	31 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse Ave.	Lane: NB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 2758
County: Laramie	AADT Factor: 1	AADT Count: 2,452

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/20/2014				
[02:30-02:45]	0	0 MPH	33 F	---
[02:45-03:00]	1	32 MPH	33 F	---
[03:00-03:15]	1	68 MPH	35 F	---
[03:15-03:30]	0	0 MPH	35 F	---
[03:30-03:45]	2	30 MPH	35 F	---
[03:45-04:00]	1	32 MPH	35 F	---
[04:00-04:15]	0	0 MPH	35 F	---
[04:15-04:30]	1	32 MPH	35 F	---
[04:30-04:45]	0	0 MPH	35 F	---
[04:45-05:00]	1	38 MPH	35 F	---
[05:00-05:15]	0	0 MPH	35 F	---
[05:15-05:30]	4	32 MPH	35 F	---
[05:30-05:45]	2	35 MPH	33 F	---
[05:45-06:00]	6	37 MPH	35 F	---
[06:00-06:15]	5	38 MPH	35 F	---
[06:15-06:30]	7	33 MPH	35 F	---
[06:30-06:45]	15	37 MPH	35 F	---
[06:45-07:00]	25	36 MPH	35 F	---
[07:00-07:15]	19	38 MPH	35 F	---
[07:15-07:30]	33	35 MPH	35 F	---
[07:30-07:45]	36	35 MPH	35 F	---
[07:45-08:00]	37	37 MPH	31 F	---
[08:00-08:15]	40	35 MPH	37 F	---
[08:15-08:30]	52	35 MPH	37 F	---
[08:30-08:45]	43	35 MPH	42 F	---
[08:45-09:00]	23	35 MPH	46 F	---
[09:00-09:15]	32	36 MPH	48 F	---
[09:15-09:30]	29	35 MPH	54 F	---
[09:30-09:45]	22	34 MPH	58 F	---
[09:45-10:00]	25	37 MPH	62 F	---
[10:00-10:15]	26	35 MPH	66 F	---
[10:15-10:30]	16	34 MPH	66 F	---
[10:30-10:45]	28	39 MPH	70 F	---
[10:45-11:00]	35	34 MPH	74 F	---
[11:00-11:15]	27	37 MPH	74 F	---
[11:15-11:30]	37	36 MPH	76 F	---

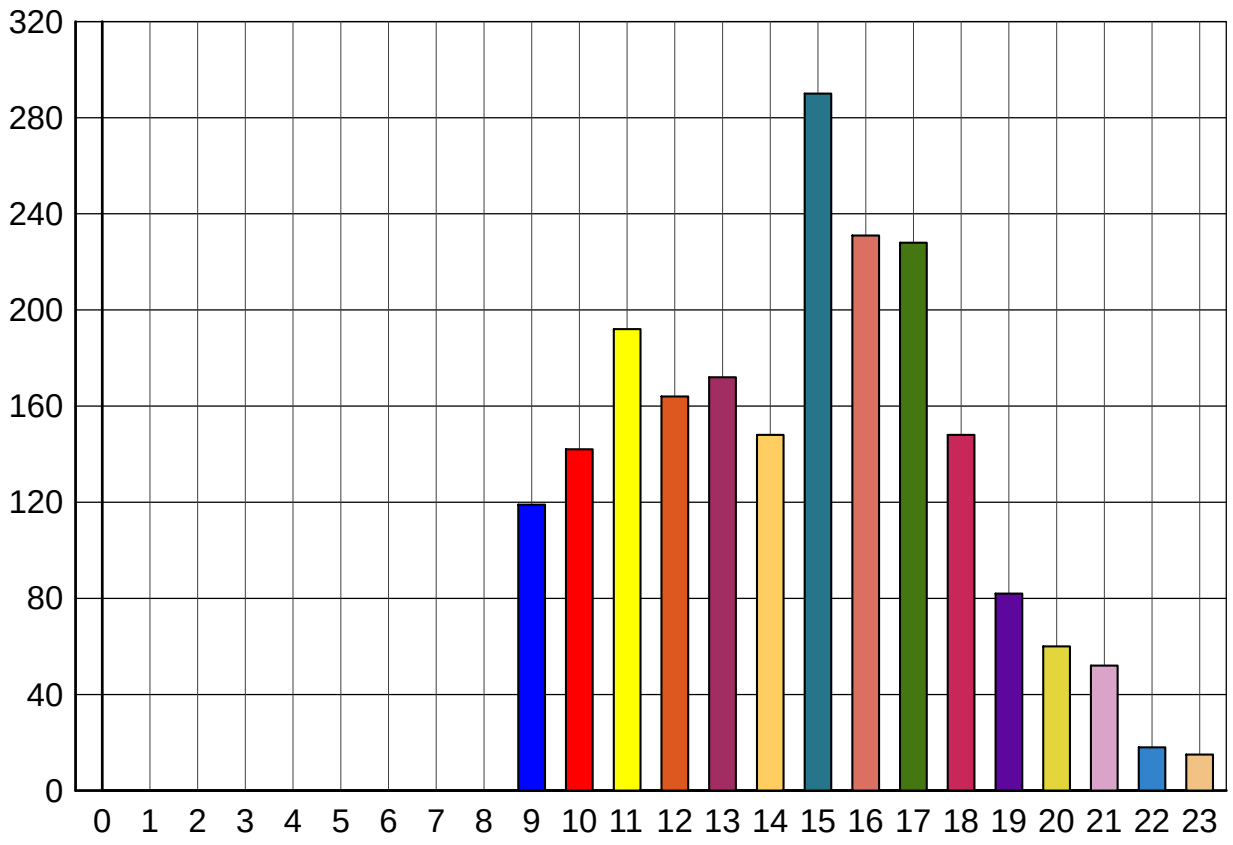
Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6151	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse Ave.	Lane: NB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 2758
County: Laramie	AADT Factor: 1	AADT Count: 2,452

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/20/2014				
[11:30-11:45]	33	37 MPH	76 F	---
[11:45-12:00]	36	36 MPH	80 F	---
Thu,Mar/20/2014	719	35 MPH	43 F	
Mar/19/2014 09:00:00 AM Mar/20/2014 12:00:00 PM	2758	35 MPH	51 F	

Time/Volume Graph

HI-Star ID: 6158	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse South of Storey	Lane: SB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3060
County: Laramie	AADT Factor: 1	AADT Count: 2,720

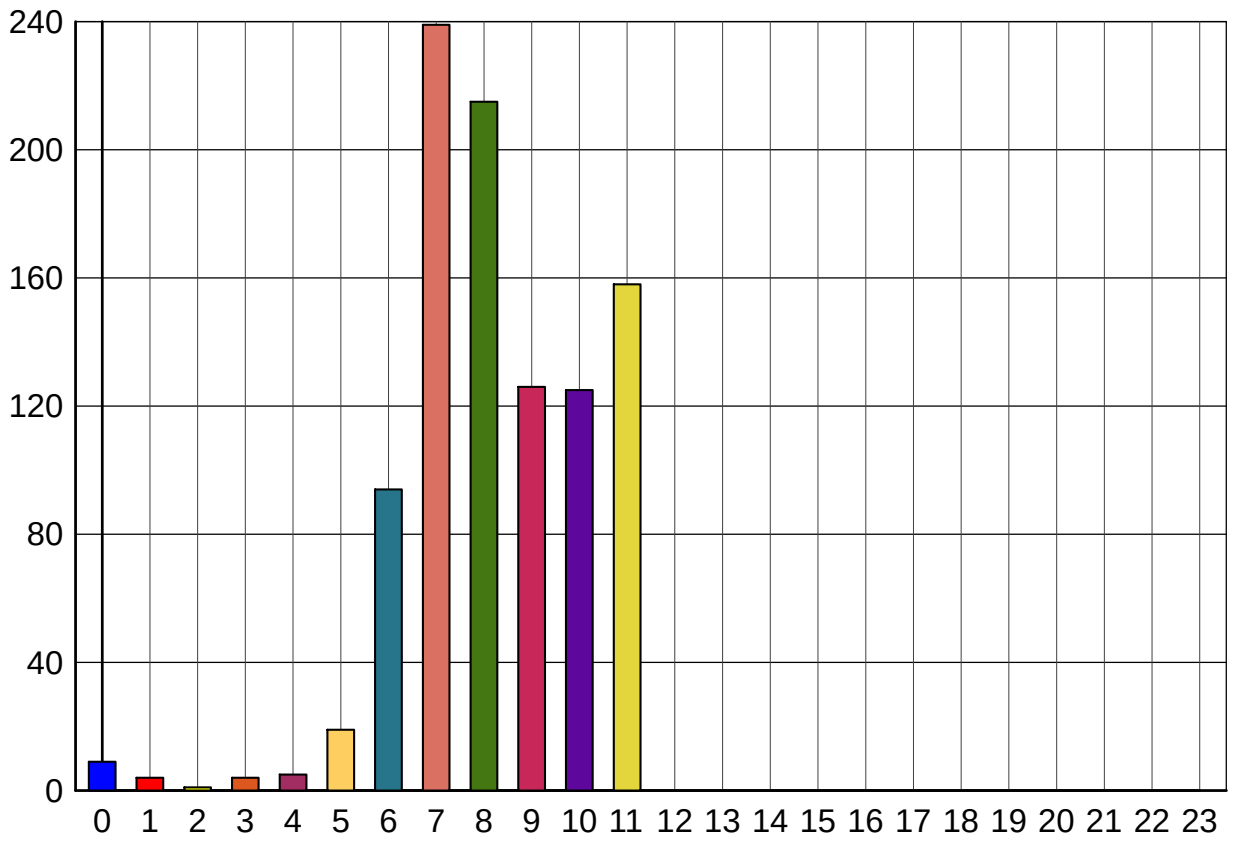


Wed,Mar/19/2014

(0) 12:00 - 12:59		(6) 06:00 - 06:59			(12) 12:00 - 12:59	164		(18) 18:00 - 18:59	148		
(1) 01:00 - 01:59		(7) 07:00 - 07:59			(13) 13:00 - 13:59	172		(19) 19:00 - 19:59	82		
(2) 02:00 - 02:59		(8) 08:00 - 08:59			(14) 14:00 - 14:59	148		(20) 20:00 - 20:59	60		
(3) 03:00 - 03:59		(9) 09:00 - 09:59	119		(15) 15:00 - 15:59	290		(21) 21:00 - 21:59	52		
(4) 04:00 - 04:49		(10) 10:00 - 10:59	142		(16) 16:00 - 16:59	231		(22) 22:00 - 22:59	18		
(5) 05:00 - 05:59		(11) 11:00 - 11:59	192		(17) 17:00 - 17:59	228		(23) 23:00 - 23:59	15		

Time/Volume Graph

HI-Star ID: 6158	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse South of Storey	Lane: SB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3060
County: Laramie	AADT Factor: 1	AADT Count: 2,720



Thu,Mar/20/2014

(0) 12:00 - 12:59	9	(6) 06:00 - 06:59	94	(12) 12:00 - 12:59		(18) 18:00 - 18:59	
(1) 01:00 - 01:59	4	(7) 07:00 - 07:59	239	(13) 13:00 - 13:59		(19) 19:00 - 19:59	
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	215	(14) 14:00 - 14:59		(20) 20:00 - 20:59	
(3) 03:00 - 03:59	4	(9) 09:00 - 09:59	126	(15) 15:00 - 15:59		(21) 21:00 - 21:59	
(4) 04:00 - 04:49	5	(10) 10:00 - 10:59	125	(16) 16:00 - 16:59		(22) 22:00 - 22:59	
(5) 05:00 - 05:59	19	(11) 11:00 - 11:59	158	(17) 17:00 - 17:59		(23) 23:00 - 23:59	

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse South of Storey	Lane: SB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3060
County: Laramie	AADT Factor: 1	AADT Count: 2,720

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/19/2014				
[09:00-09:15]	21	14 MPH	48 F	---
[09:15-09:30]	29	20 MPH	50 F	---
[09:30-09:45]	33	17 MPH	52 F	---
[09:45-10:00]	36	19 MPH	54 F	---
[10:00-10:15]	29	16 MPH	60 F	---
[10:15-10:30]	33	20 MPH	66 F	---
[10:30-10:45]	44	15 MPH	70 F	---
[10:45-11:00]	36	19 MPH	72 F	---
[11:00-11:15]	50	14 MPH	70 F	---
[11:15-11:30]	44	16 MPH	72 F	---
[11:30-11:45]	54	14 MPH	74 F	---
[11:45-12:00]	44	13 MPH	76 F	---
[12:00-12:15]	39	15 MPH	78 F	---
[12:15-12:30]	31	16 MPH	80 F	---
[12:30-12:45]	53	16 MPH	83 F	---
[12:45-13:00]	41	15 MPH	83 F	---
[13:00-13:15]	38	15 MPH	83 F	---
[13:15-13:30]	41	14 MPH	83 F	---
[13:30-13:45]	45	15 MPH	82 F	---
[13:45-14:00]	48	19 MPH	82 F	---
[14:00-14:15]	38	13 MPH	83 F	---
[14:15-14:30]	30	22 MPH	87 F	---
[14:30-14:45]	38	12 MPH	87 F	---
[14:45-15:00]	42	16 MPH	87 F	---
[15:00-15:15]	70	14 MPH	87 F	---
[15:15-15:30]	75	16 MPH	87 F	---
[15:30-15:45]	76	16 MPH	85 F	---
[15:45-16:00]	69	19 MPH	82 F	---
[16:00-16:15]	70	15 MPH	76 F	---
[16:15-16:30]	58	16 MPH	68 F	---
[16:30-16:45]	62	13 MPH	64 F	---
[16:45-17:00]	41	15 MPH	58 F	---
[17:00-17:15]	72	14 MPH	56 F	---
[17:15-17:30]	69	16 MPH	54 F	---
[17:30-17:45]	46	16 MPH	52 F	---
[17:45-18:00]	41	16 MPH	52 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse South of Storey	Lane: SB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3060
County: Laramie	AADT Factor: 1	AADT Count: 2,720

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,Mar/19/2014				
[18:00-18:15]	43	17 MPH	50 F	---
[18:15-18:30]	32	15 MPH	48 F	---
[18:30-18:45]	34	13 MPH	46 F	---
[18:45-19:00]	39	18 MPH	44 F	---
[19:00-19:15]	24	15 MPH	42 F	---
[19:15-19:30]	24	14 MPH	42 F	---
[19:30-19:45]	9	11 MPH	41 F	---
[19:45-20:00]	25	20 MPH	39 F	---
[20:00-20:15]	14	16 MPH	39 F	---
[20:15-20:30]	16	15 MPH	39 F	---
[20:30-20:45]	16	14 MPH	37 F	---
[20:45-21:00]	14	14 MPH	35 F	---
[21:00-21:15]	11	12 MPH	35 F	---
[21:15-21:30]	17	17 MPH	33 F	---
[21:30-21:45]	13	24 MPH	33 F	---
[21:45-22:00]	11	11 MPH	33 F	---
[22:00-22:15]	7	20 MPH	31 F	---
[22:15-22:30]	7	19 MPH	31 F	---
[22:30-22:45]	2	12 MPH	31 F	---
[22:45-23:00]	2	8 MPH	31 F	---
[23:00-23:15]	1	18 MPH	31 F	---
[23:15-23:30]	4	16 MPH	33 F	---
[23:30-23:45]	2	21 MPH	33 F	---
[23:45-00:00]	8	18 MPH	31 F	---
Wed,Mar/19/2014	2061	16 MPH	58 F	
Thu,Mar/20/2014				
[00:00-00:15]	3	15 MPH	31 F	---
[00:15-00:30]	0	0 MPH	31 F	---
[00:30-00:45]	5	11 MPH	31 F	---
[00:45-01:00]	1	22 MPH	31 F	---
[01:00-01:15]	0	0 MPH	31 F	---
[01:15-01:30]	2	0 MPH	31 F	---
[01:30-01:45]	0	0 MPH	31 F	---
[01:45-02:00]	2	20 MPH	33 F	---
[02:00-02:15]	0	0 MPH	33 F	---
[02:15-02:30]	0	0 MPH	33 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse South of Storey	Lane: SB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3060
County: Laramie	AADT Factor: 1	AADT Count: 2,720

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/20/2014				
[02:30-02:45]	0	0 MPH	35 F	---
[02:45-03:00]	1	18 MPH	35 F	---
[03:00-03:15]	0	0 MPH	37 F	---
[03:15-03:30]	1	4 MPH	37 F	---
[03:30-03:45]	1	0 MPH	37 F	---
[03:45-04:00]	2	4 MPH	39 F	---
[04:00-04:15]	0	0 MPH	39 F	---
[04:15-04:30]	1	48 MPH	37 F	---
[04:30-04:45]	2	8 MPH	37 F	---
[04:45-05:00]	2	30 MPH	37 F	---
[05:00-05:15]	3	35 MPH	37 F	---
[05:15-05:30]	3	23 MPH	37 F	---
[05:30-05:45]	3	10 MPH	35 F	---
[05:45-06:00]	10	17 MPH	35 F	---
[06:00-06:15]	10	11 MPH	35 F	---
[06:15-06:30]	14	15 MPH	37 F	---
[06:30-06:45]	20	14 MPH	37 F	---
[06:45-07:00]	50	17 MPH	37 F	---
[07:00-07:15]	45	17 MPH	35 F	---
[07:15-07:30]	77	11 MPH	35 F	---
[07:30-07:45]	58	13 MPH	35 F	---
[07:45-08:00]	59	16 MPH	33 F	---
[08:00-08:15]	55	16 MPH	37 F	---
[08:15-08:30]	76	14 MPH	37 F	---
[08:30-08:45]	43	14 MPH	42 F	---
[08:45-09:00]	41	16 MPH	46 F	---
[09:00-09:15]	28	13 MPH	48 F	---
[09:15-09:30]	32	12 MPH	54 F	---
[09:30-09:45]	30	12 MPH	58 F	---
[09:45-10:00]	36	15 MPH	64 F	---
[10:00-10:15]	32	15 MPH	68 F	---
[10:15-10:30]	27	10 MPH	66 F	---
[10:30-10:45]	39	13 MPH	72 F	---
[10:45-11:00]	27	19 MPH	76 F	---
[11:00-11:15]	35	14 MPH	76 F	---
[11:15-11:30]	42	13 MPH	76 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 6158	Begin: Mar/19/2014 09:00:00 AM	End: Mar/20/2014 12:00:00 PM
Street: Converse South of Storey	Lane: SB	Hours: 27.00
State: WY	Oper: Ayr	Period: 15
City: Cheyenne	Posted: 35	Raw Count: 3060
County: Laramie	AADT Factor: 1	AADT Count: 2,720

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,Mar/20/2014				
[11:30-11:45]	41	15 MPH	78 F	---
[11:45-12:00]	40	15 MPH	82 F	---
Thu,Mar/20/2014	999	13 MPH	44 F	
Mar/19/2014 09:00:00 AM Mar/20/2014 12:00:00 PM	3060	15 MPH	52 F	

APPENDIX B

TURNING MOVEMENT COUNTS

Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Wednesday, March 12, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

Traffic count summary sheet template created by Wisconsin Department of Transportation

Intersection of: Powderhouse Road and Melton Street

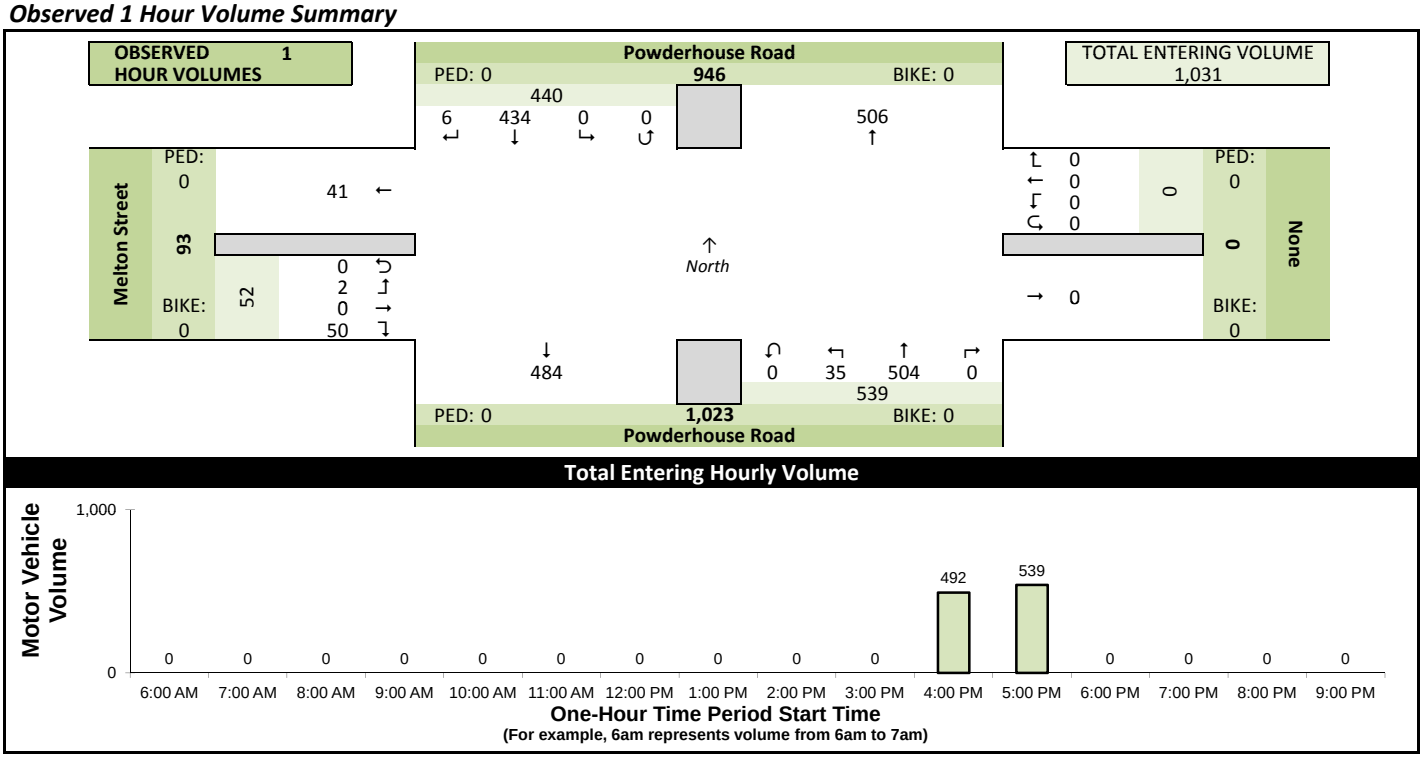
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Partial Stop Control		
Roadway Names		North Direction	↑
North Leg	Powderhouse Road		
East Leg	None		
South Leg	Powderhouse Road		
West Leg	Melton Street		
Special Considerations			
Schools	In Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None		

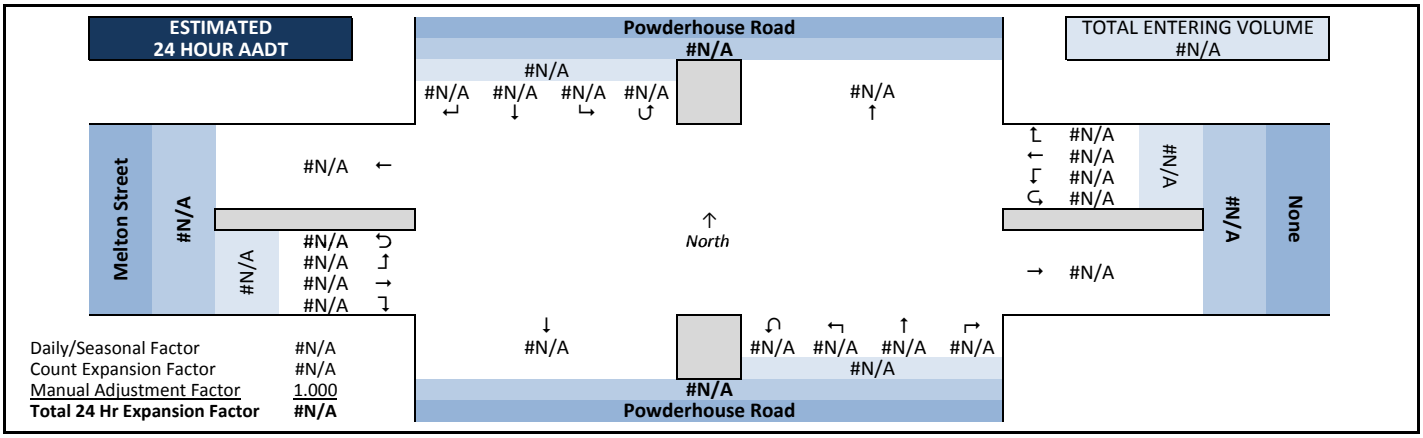
Count Information

Hrs Counted:	4:30 PM-5:30 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period					
PM Peak Period	Wednesday, March 12, 2014				
Calculated Peak Hours					
	AM		MD	PM	4:30-5:30pm
Peak Hours Selected for Analysis					
	AM		MD	PM	4:30-5:30pm
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Wednesday, March 12, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

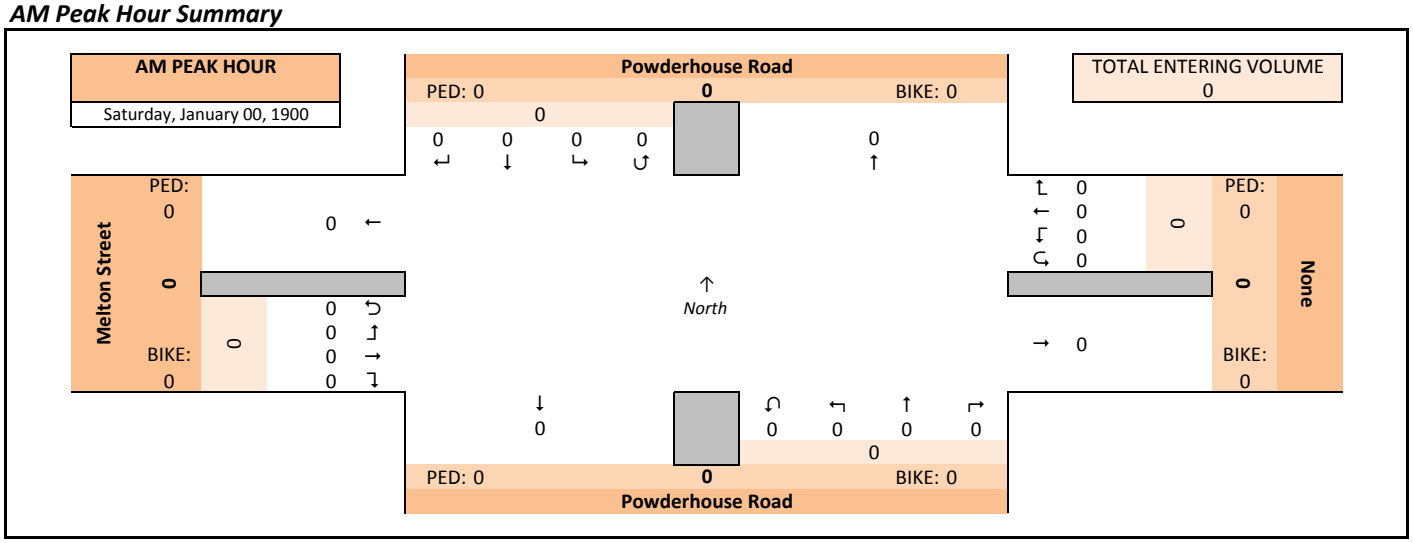
Peak Hour Volume Graphical Summary

All Motor Vehicles

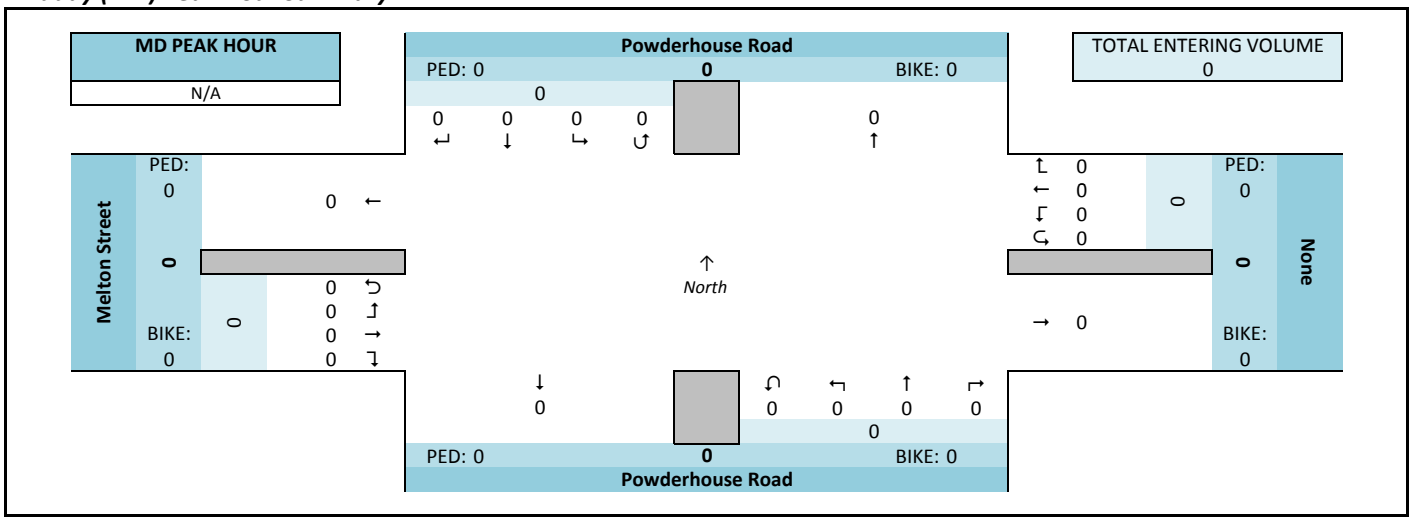


Powderhouse Road and Melton Street

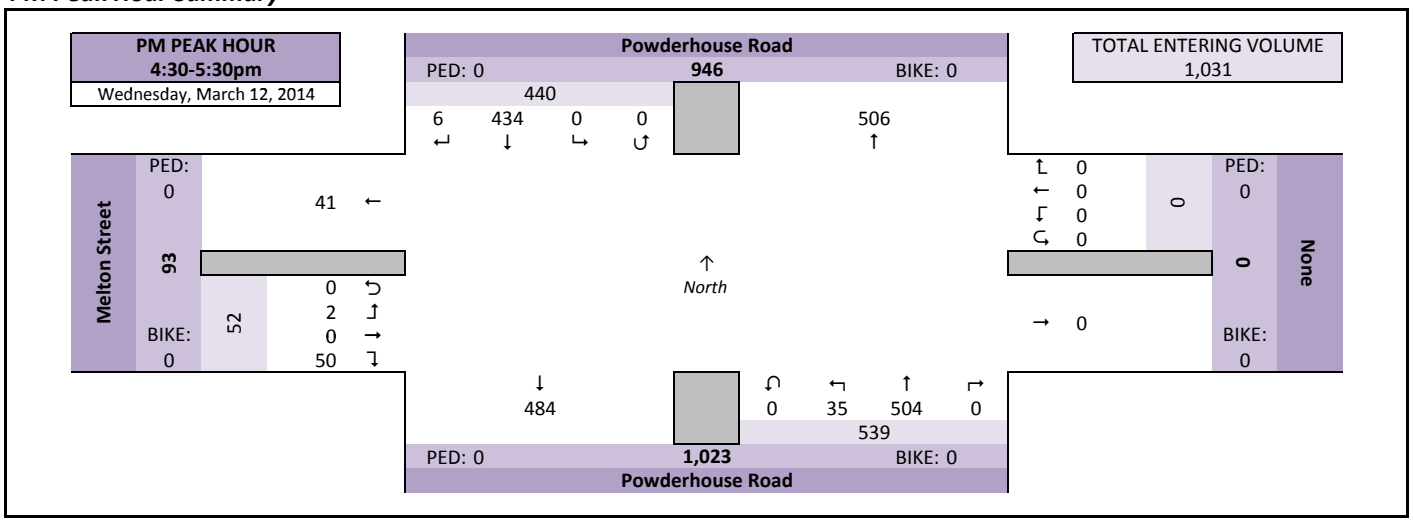
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics			*Page 3 of 11*
Start Date:	Wednesday, March 12, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Peak Hour Volume Summary

Powderhouse Road and Melton Street

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	Powderhouse Road					None					Powderhouse Road					Melton Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

N/A		From North					From East					From South					From West					
	MD Peak Hour	Powderhouse Road					None					Powderhouse Road					Melton Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Wednesday, March 12, 2014		From North					From East					From South					From West					
	PM Peak Hour	Powderhouse Road					None					Powderhouse Road					Melton Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:30 PM	1	94	0	0	95	0	0	0	0	0	0	128	6	0	134	15	0	0	0	15	244
	4:45 PM	2	95	0	0	97	0	0	0	0	0	0	119	11	0	130	21	0	0	0	21	248
	5:00 PM	2	124	0	0	126	0	0	0	0	0	0	124	9	0	133	8	0	2	0	10	269
	5:15 PM	1	121	0	0	122	0	0	0	0	0	0	133	9	0	142	6	0	0	0	6	270
	Peak Hour Volume	6	434	0	0	440	0	0	0	0	0	0	504	35	0	539	50	0	2	0	52	1031
	Rounded Hourly Volume	5	435	0	0	440	0	0	0	0	0	0	505	35	0	540	50	0	0	0	50	1030
	% Single Unit Trucks	16.7	0.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	2.0	0.0	0.0	0.0	1.9	0.7
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	16.7	0.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	2.0	0.0	0.0	0.0	1.9	0.7
	Peak Hour Factor (PHF)	0.75	0.87	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.80	0.00	0.95	0.60	0.00	0.25	0.00	0.62	0.95

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		Powderhouse Road			None			Powderhouse Road			Melton Street			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Wednesday, March 12, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

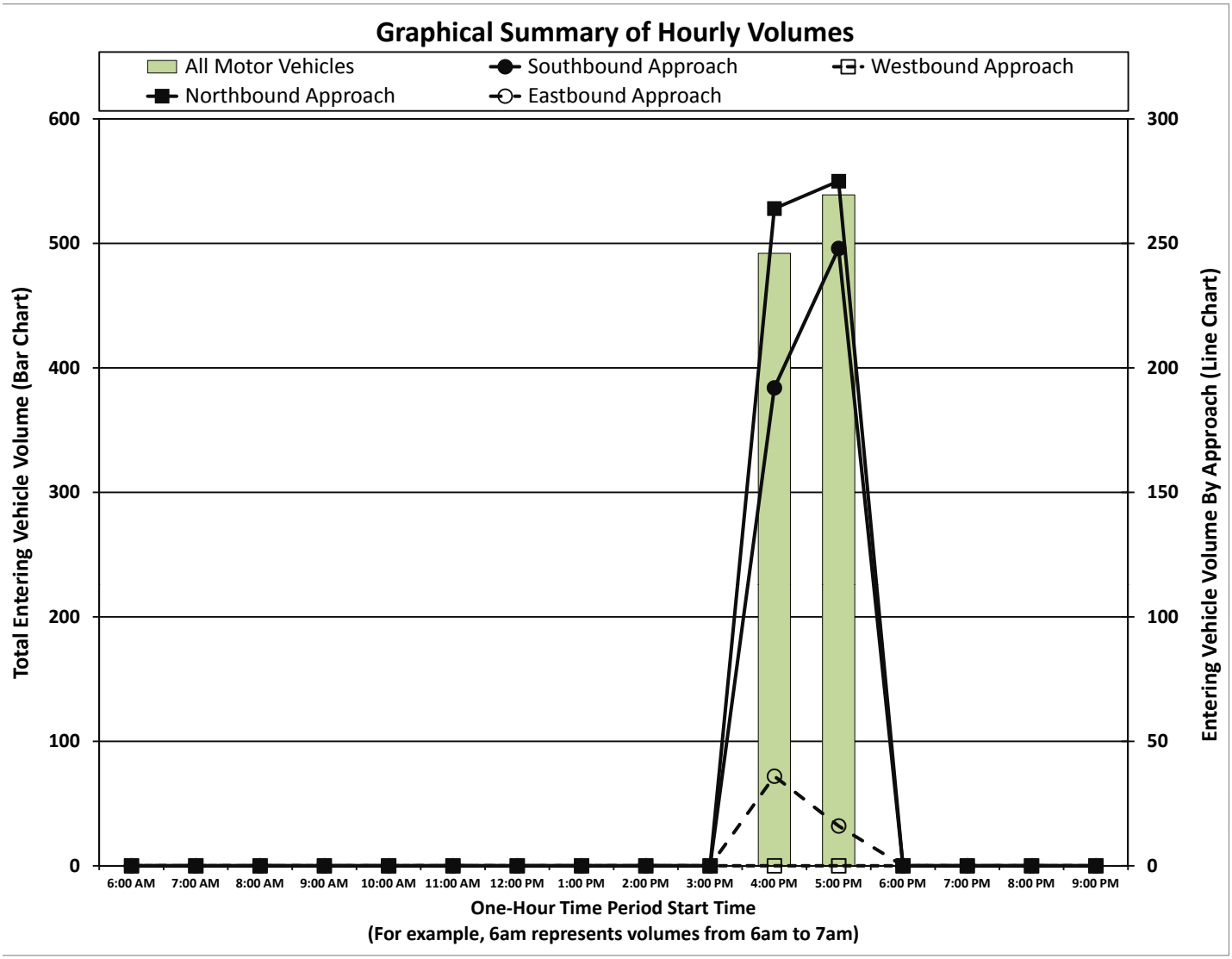
All Motor Vehicles



Powderhouse Road and Melton Street

One-Hour Motor Vehicle Data

	One-Hour Time Period Start Time	From North (↓) Powderhouse Road					From East (←) None					From South (↑) Powderhouse Road					From West (→) Melton Street					Total Vehicle Volume	Directional Volume Totals	
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total		E/W	N/S
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:00 PM	3	189	0	0	192	0	0	0	0	0	0	247	17	0	264	36	0	0	0	36	492	36	456
	5:00 PM	3	245	0	0	248	0	0	0	0	0	0	257	18	0	275	14	0	2	0	16	539	16	523
	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		6	434	0	0	440	0	0	0	0	0	0	504	35	0	539	50	0	2	0	52	1031	52	979



Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

Traffic count summary sheet template created by Wisconsin Department of Transportation

Intersection of: Powderhouse Road and Melton Street

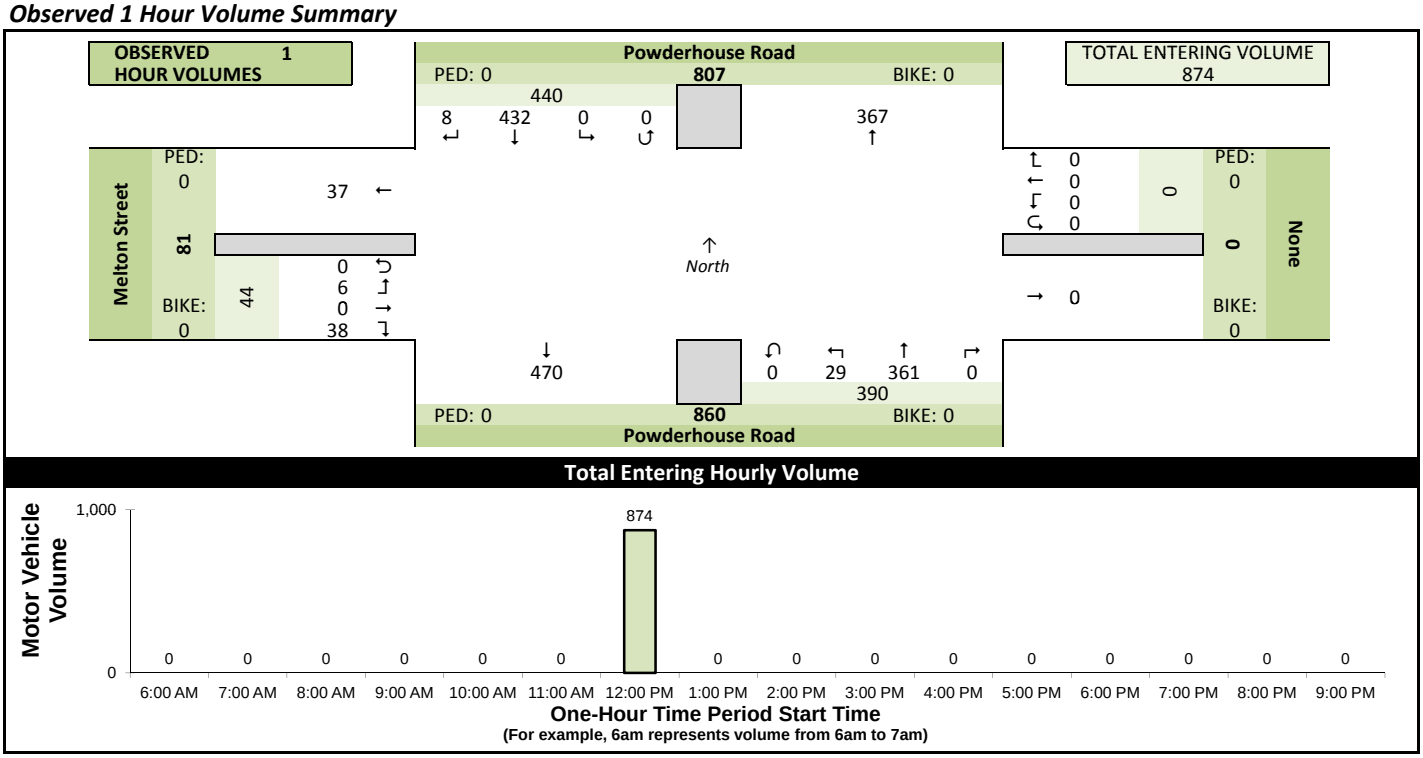
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Partial Stop Control		
Roadway Names		North Direction	↑
North Leg	Powderhouse Road		
East Leg	None		
South Leg	Powderhouse Road		
West Leg	Melton Street		
Special Considerations			
Schools	Not in Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None		

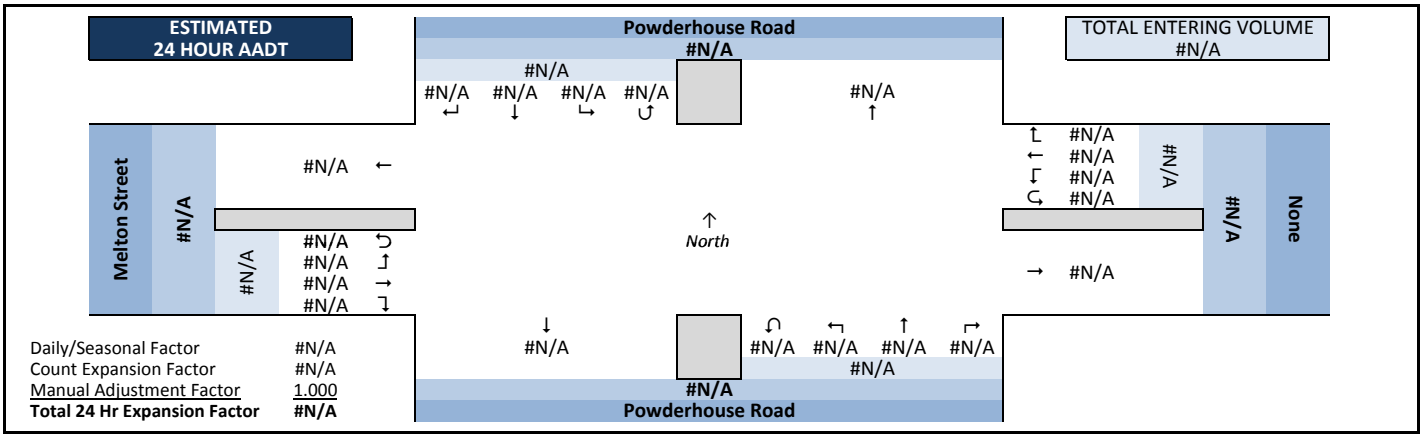
Count Information

Hrs Counted:	12:00 PM-1:00 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period	Saturday, March 15, 2014				
PM Peak Period					
Calculated Peak Hours					
AM		MD	12:00-1:00pm	PM	
Peak Hours Selected for Analysis					
AM		MD	12:00-1:00pm	PM	
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

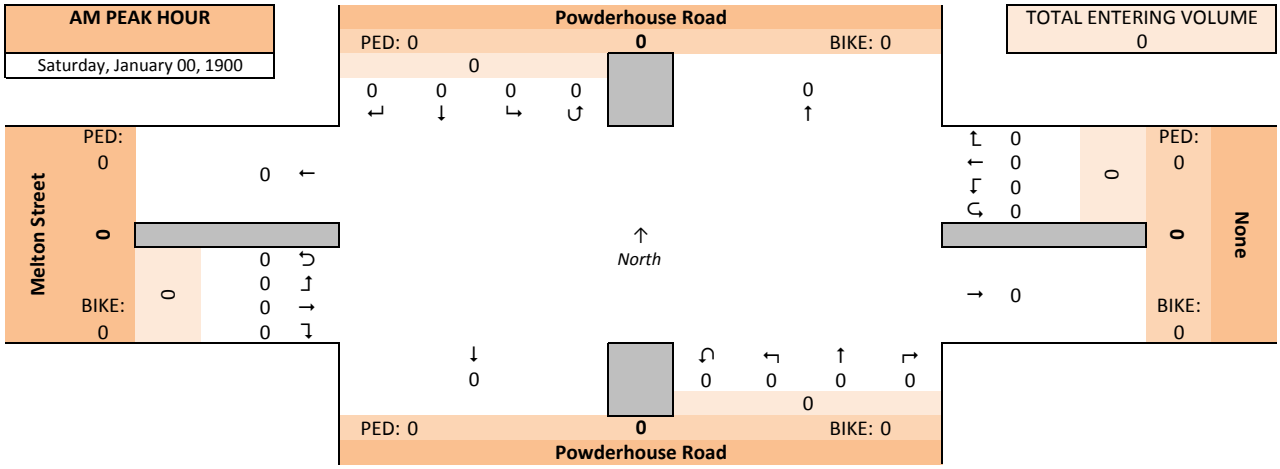
Peak Hour Volume Graphical Summary

Powderhouse Road and Melton Street

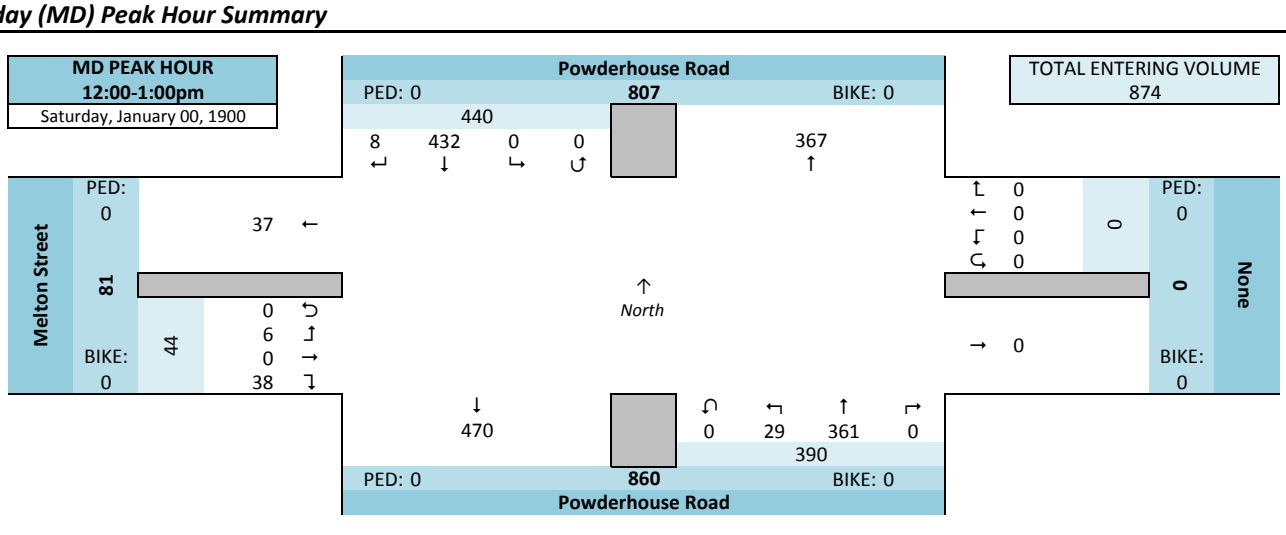
All Motor Vehicles



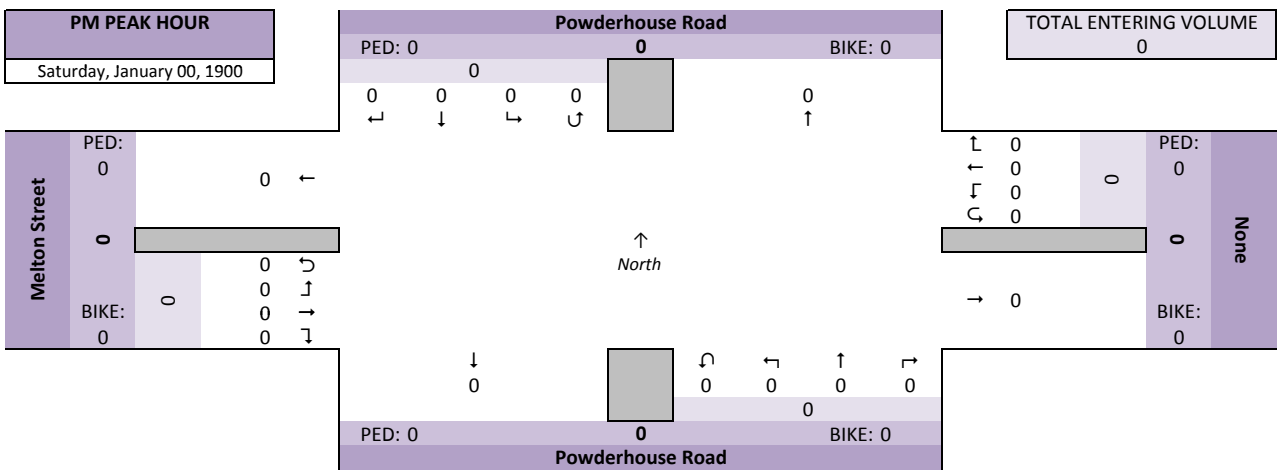
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics		*Page 3 of 11*
Start Date: Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Peak Hour Volume Summary

Powderhouse Road and Melton Street

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	Powderhouse Road					None					Powderhouse Road					Melton Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Saturday, January 00, 1900		From North					From East					From South					From West					
	MD Peak Hour	Powderhouse Road					None					Powderhouse Road					Melton Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	2	98	0	0	100	0	0	0	0	0	0	91	9	0	100	12	0	0	0	12	212
	12:15 PM	0	101	0	0	101	0	0	0	0	0	0	75	6	0	81	8	0	3	0	11	193
	12:30 PM	3	111	0	0	114	0	0	0	0	0	0	101	6	0	107	7	0	2	0	9	230
	12:45 PM	3	122	0	0	125	0	0	0	0	0	0	94	8	0	102	11	0	1	0	12	239
	Peak Hour Volume	8	432	0	0	440	0	0	0	0	0	0	361	29	0	390	38	0	6	0	44	874
	Rounded Hourly Volume	10	430	0	0	440	0	0	0	0	0	0	360	30	0	390	40	0	5	0	45	875
	% Single Unit Trucks	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Peak Hour Factor (PHF)	0.67	0.89	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.81	0.00	0.91	0.79	0.00	0.50	0.00	0.92	0.91

Saturday, January 00, 1900		From North					From East					From South					From West					
	PM Peak Hour	Powderhouse Road					None					Powderhouse Road					Melton Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

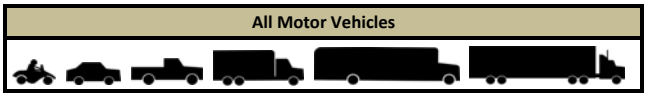
Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike
		Powderhouse Road			None			Powderhouse Road			Melton Street			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Volume
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

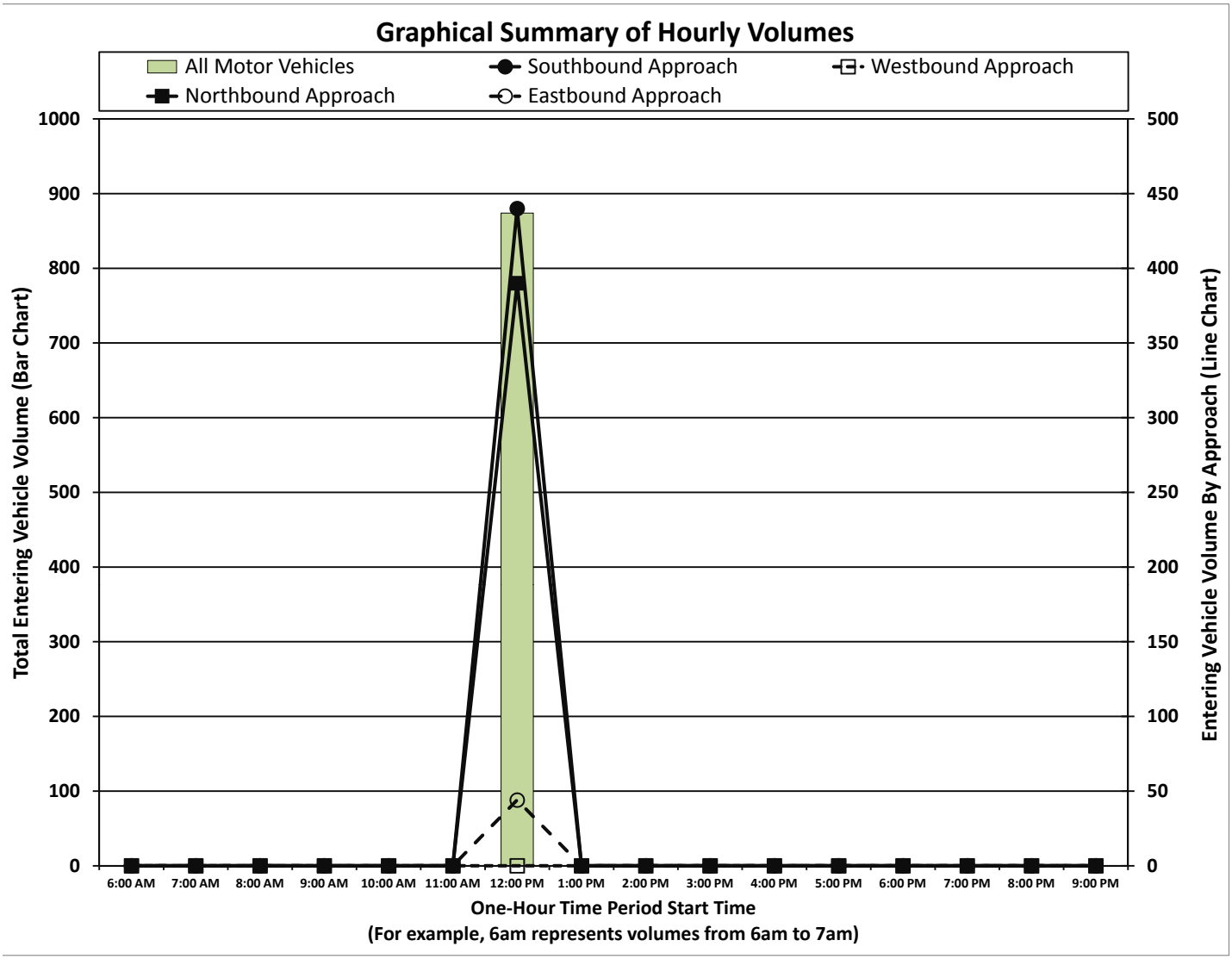
Hourly Volume Summary - Motor Vehicle Data



Powderhouse Road and Melton Street

One-Hour Motor Vehicle Data

One-Hour Time Period Start Time		From North (↓) Powderhouse Road					From East (←) None					From South (↑) Powderhouse Road					From West (→) Melton Street					Total Vehicle Volume	Directional Volume Totals E/W	Directional Volume Totals N/S
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	8	432	0	0	440	0	0	0	0	0	0	361	29	0	390	38	0	6	0	44	874	44	830
MD	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		8	432	0	0	440	0	0	0	0	0	0	361	29	0	390	38	0	6	0	44	874	44	830



Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Thursday, March 13, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

***Traffic count summary sheet template created by Wisconsin Department of Transportation**

Intersection of: Powderhouse Road and Carlson Street

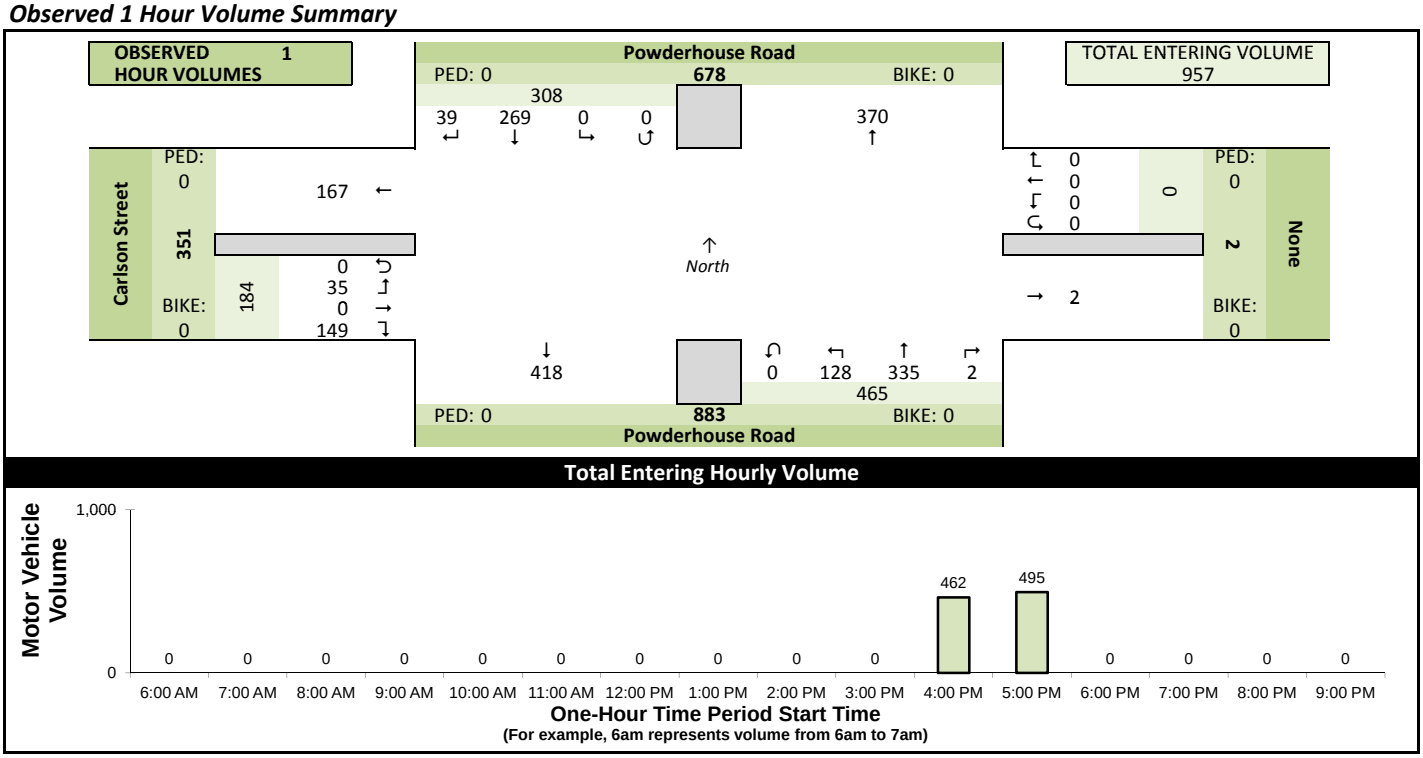
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Partial Stop Control		
Roadway Names		North Direction	↑
North Leg	Powderhouse Road		
East Leg	None		
South Leg	Powderhouse Road		
West Leg	Carlson Street		
Special Considerations			
Schools	In Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None		

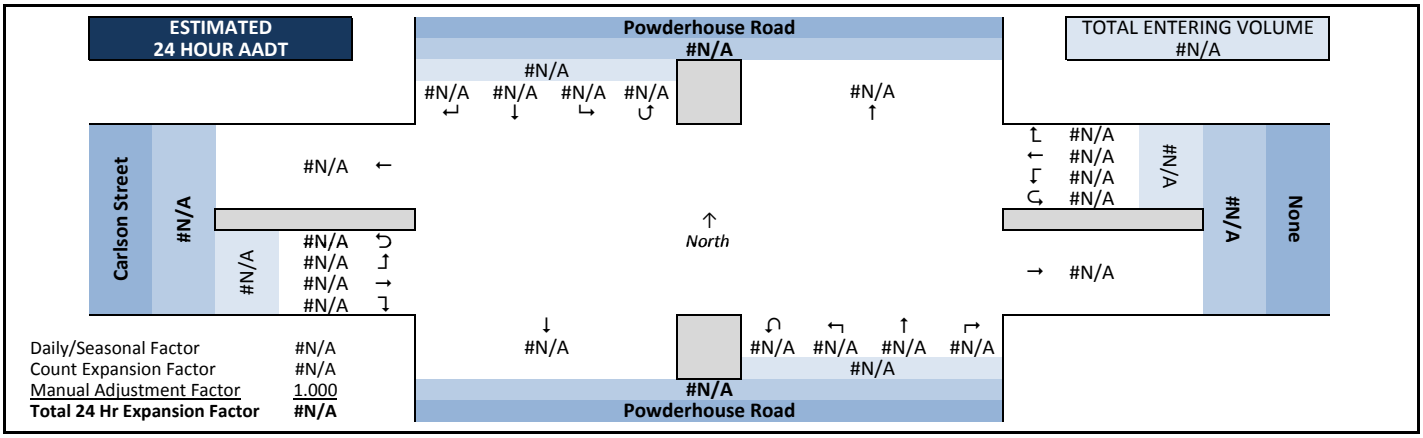
Count Information

Hrs Counted:	4:30 PM-5:30 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period					
PM Peak Period	Thursday, March 13, 2014				
Calculated Peak Hours					
AM		MD		PM	4:30-5:30pm
Peak Hours Selected for Analysis					
AM		MD		PM	4:30-5:30pm
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Thursday, March 13, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

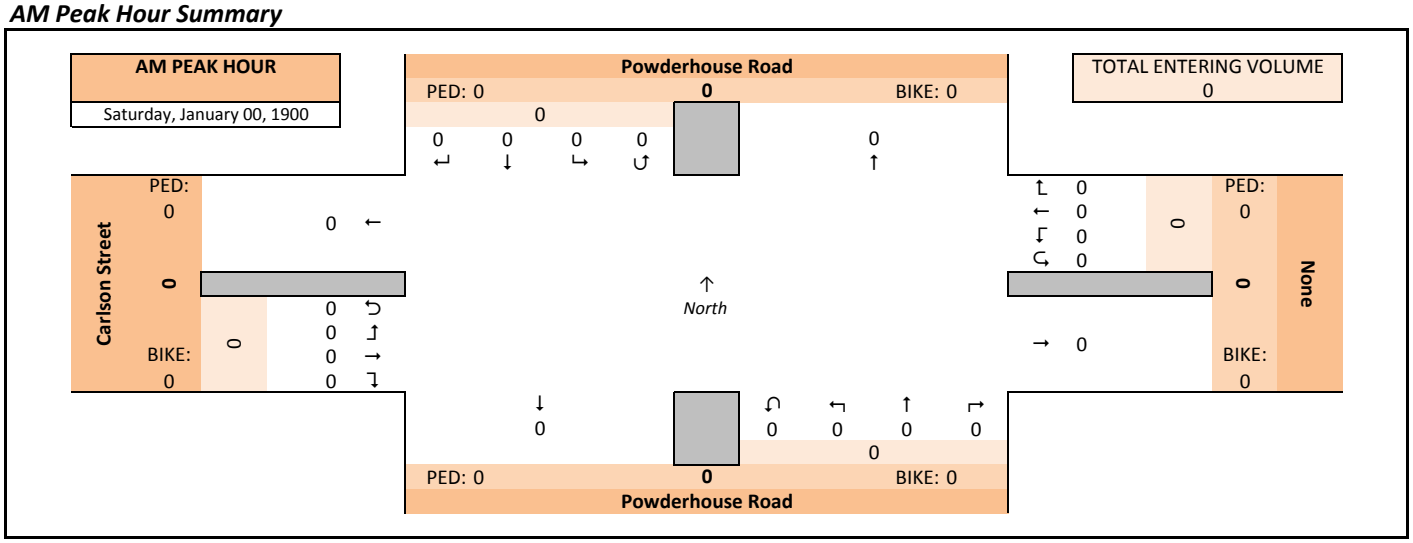
Peak Hour Volume Graphical Summary

All Motor Vehicles

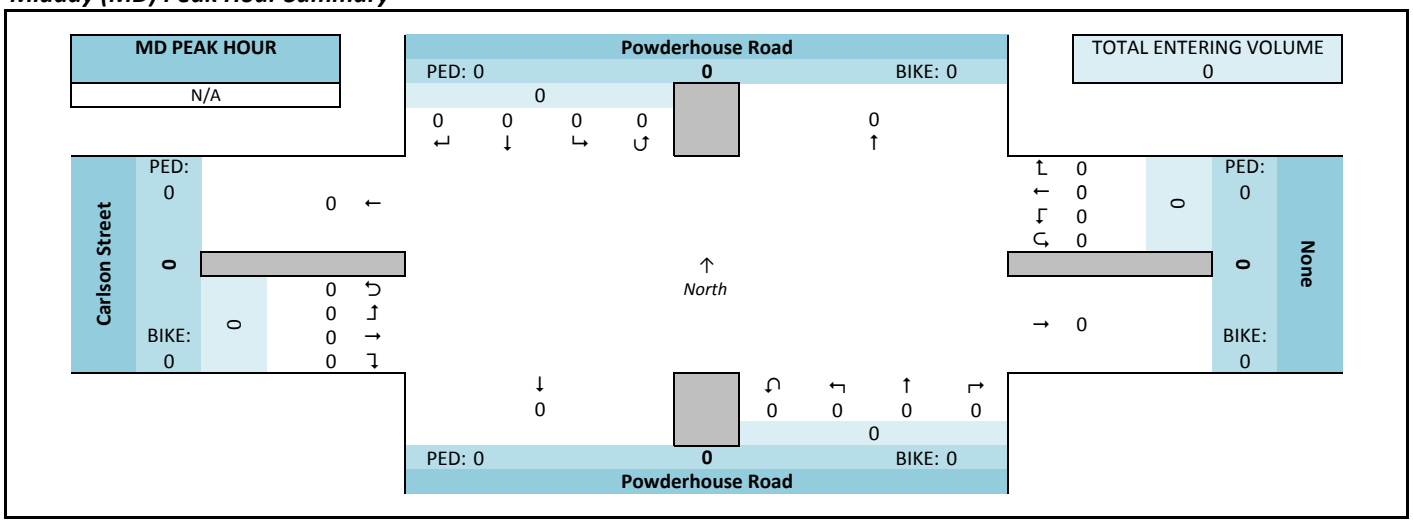


Powderhouse Road and Carlson Street

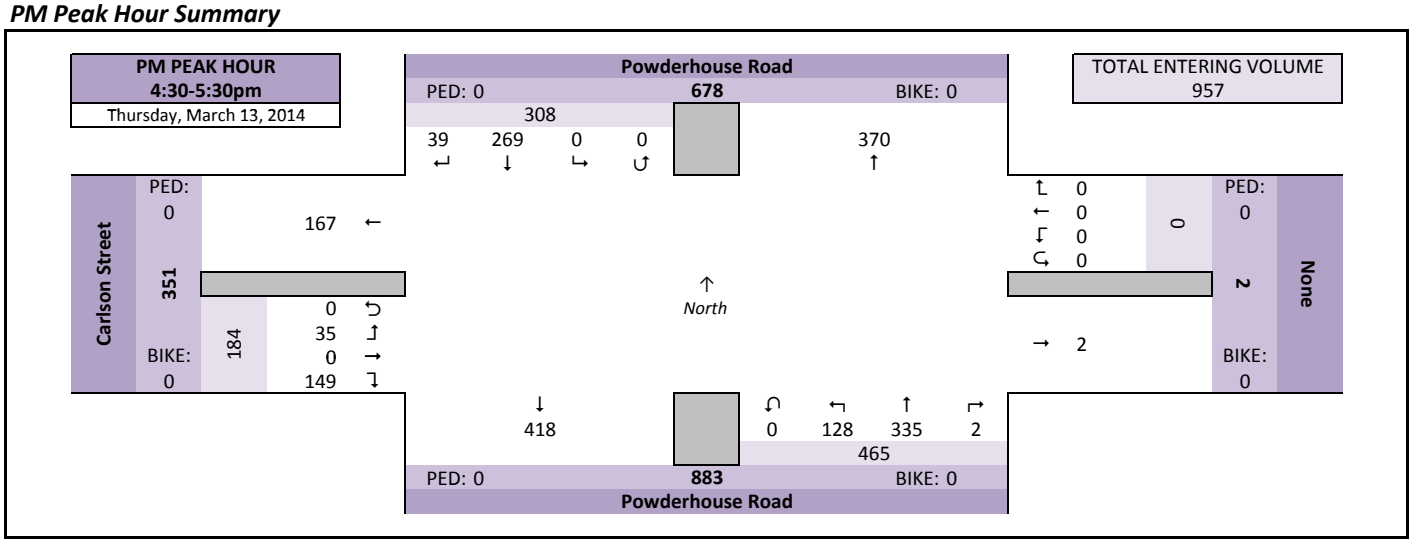
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics			*Page 3 of 11*
Start Date:	Thursday, March 13, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Peak Hour Volume Summary

Powderhouse Road and Carlson Street

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	Powderhouse Road					None					Powderhouse Road					Carlson Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

N/A		From North					From East					From South					From West					
	MD Peak Hour	Powderhouse Road					None					Powderhouse Road					Carlson Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Thursday, March 13, 2014		From North					From East					From South					From West					
	PM Peak Hour	Powderhouse Road					None					Powderhouse Road					Carlson Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:30 PM	11	62	0	0	73	0	0	0	0	0	2	82	25	0	109	32	0	7	0	39	221
	4:45 PM	11	64	0	0	75	0	0	0	0	0	0	75	37	0	112	44	0	10	0	54	241
	5:00 PM	5	73	0	0	78	0	0	0	0	0	0	97	32	0	129	38	0	7	0	45	252
	5:15 PM	12	70	0	0	82	0	0	0	0	0	0	81	34	0	115	35	0	11	0	46	243
	Peak Hour Volume	39	269	0	0	308	0	0	0	0	0	2	335	128	0	465	149	0	35	0	184	957
	Rounded Hourly Volume	40	270	0	0	310	0	0	0	0	0	0	335	130	0	465	150	0	35	0	185	960
	% Single Unit Trucks	0.0	1.9	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	0.0	1.3	1.3	0.0	0.0	0.0	1.1	1.4
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	1.9	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	0.0	1.3	1.3	0.0	0.0	0.0	1.1	1.4
	Peak Hour Factor (PHF)	0.81	0.92	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.25	0.86	0.86	0.00	0.90	0.85	0.00	0.80	0.00	0.85	0.95

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		Powderhouse Road			None			Powderhouse Road			Carlson Street			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Thursday, March 13, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

All Motor Vehicles

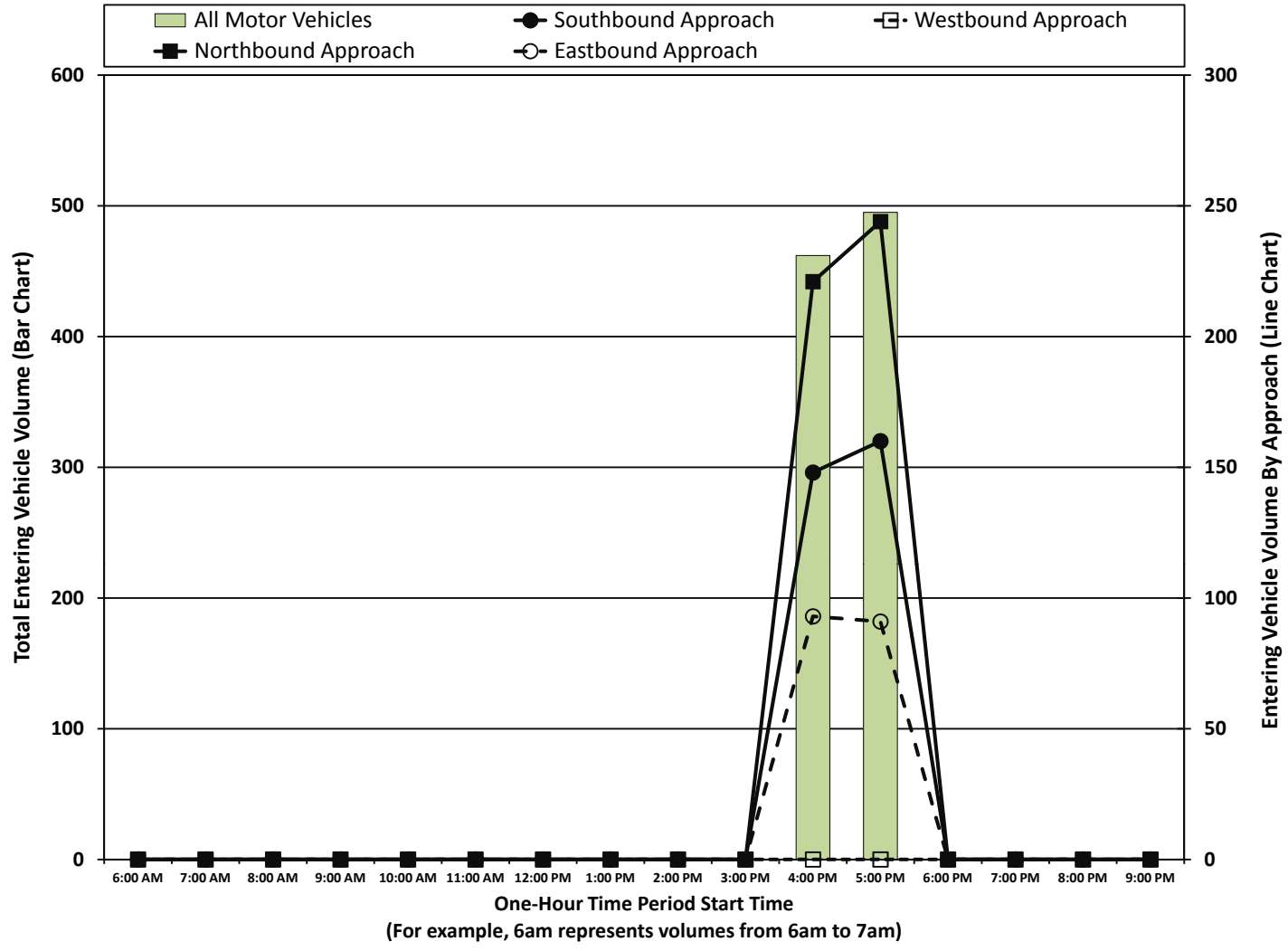


Powderhouse Road and Carlson Street

One-Hour Motor Vehicle Data

	One-Hour Time Period Start Time	From North (↓) Powderhouse Road					From East (←) None					From South (↑) Powderhouse Road					From West (→) Carlson Street					Total Vehicle Volume	Directional Volume Totals E/W	Directional Volume Totals N/S
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	22	126	0	0	148	0	0	0	0	0	2	157	62	0	221	76	0	17	0	93	462	93	369
PM	5:00 PM	17	143	0	0	160	0	0	0	0	0	0	178	66	0	244	73	0	18	0	91	495	91	404
PM	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		39	269	0	0	308	0	0	0	0	0	2	335	128	0	465	149	0	35	0	184	957	184	773

Graphical Summary of Hourly Volumes



Intersection Traffic Volume Report

Count Basics	*Version 2011.J3*		*Page 1 of 11*
Start Date:	Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

Traffic count summary sheet template created by Wisconsin Department of Transportation

Intersection of: Powderhouse Road and Carlson Street

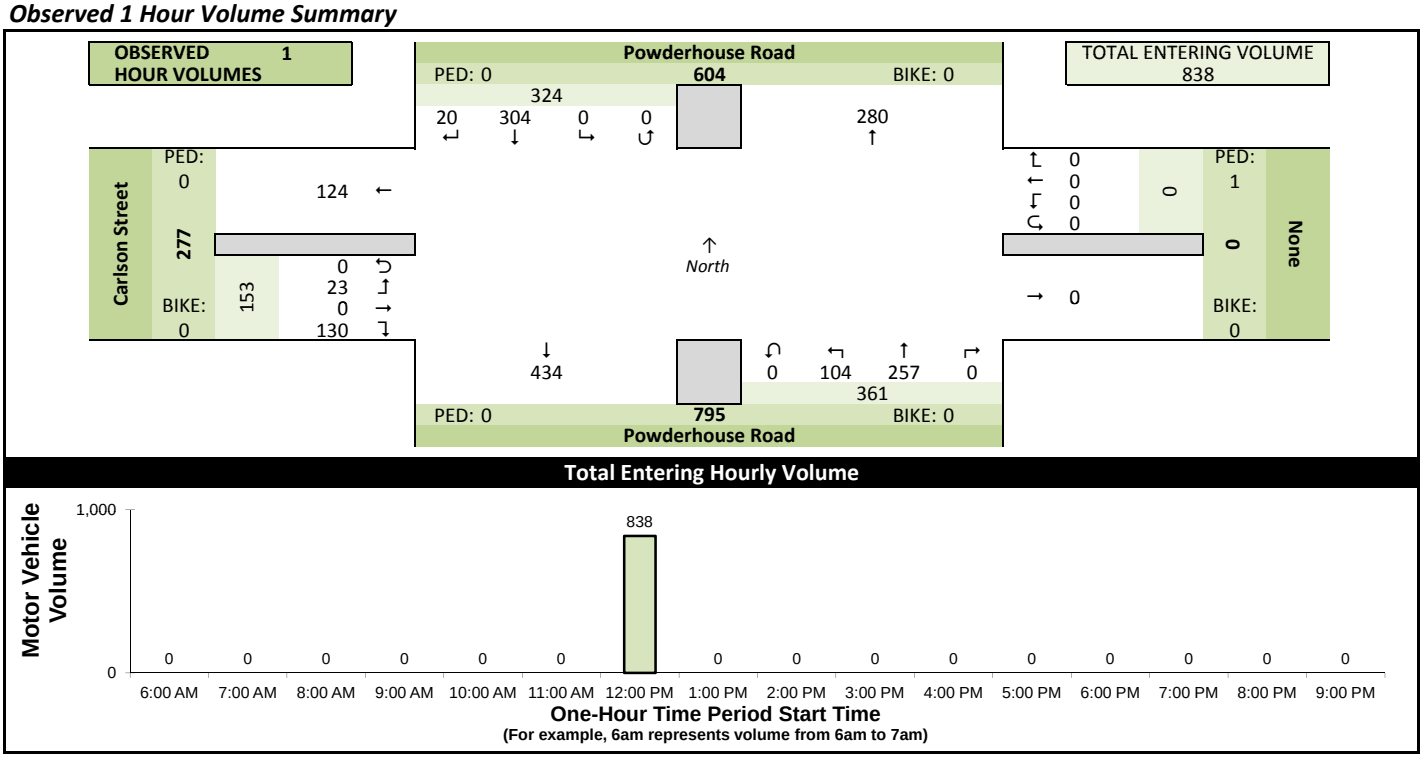
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Partial Stop Control		
Roadway Names		North Direction	↑
North Leg	Powderhouse Road		
East Leg	None		
South Leg	Powderhouse Road		
West Leg	Carlson Street		
Special Considerations			
Schools	Not in Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None		

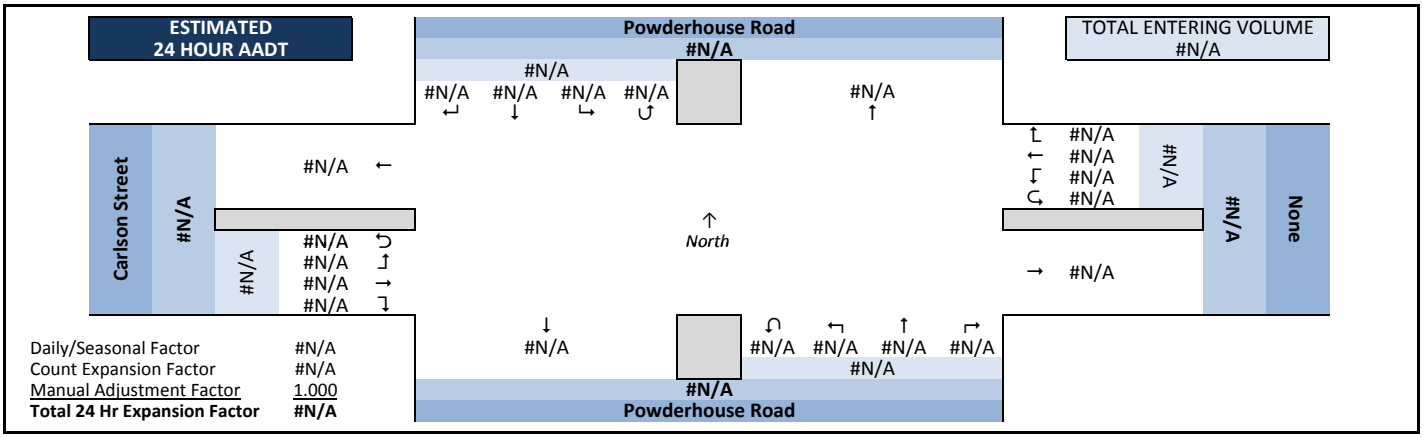
Count Information

Hrs Counted:	12:00 PM-1:00 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period	Saturday, March 15, 2014				
PM Peak Period					
Calculated Peak Hours					
AM		MD	12:00-1:00pm	PM	
Peak Hours Selected for Analysis					
AM		MD	12:00-1:00pm	PM	
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

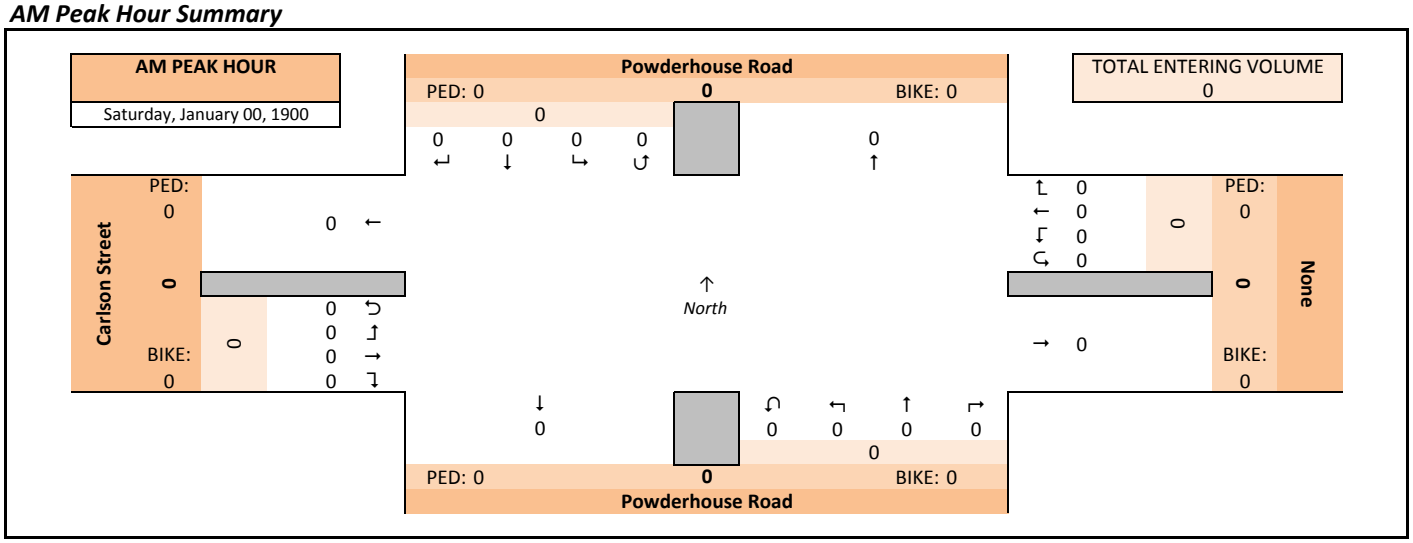
Peak Hour Volume Graphical Summary

All Motor Vehicles

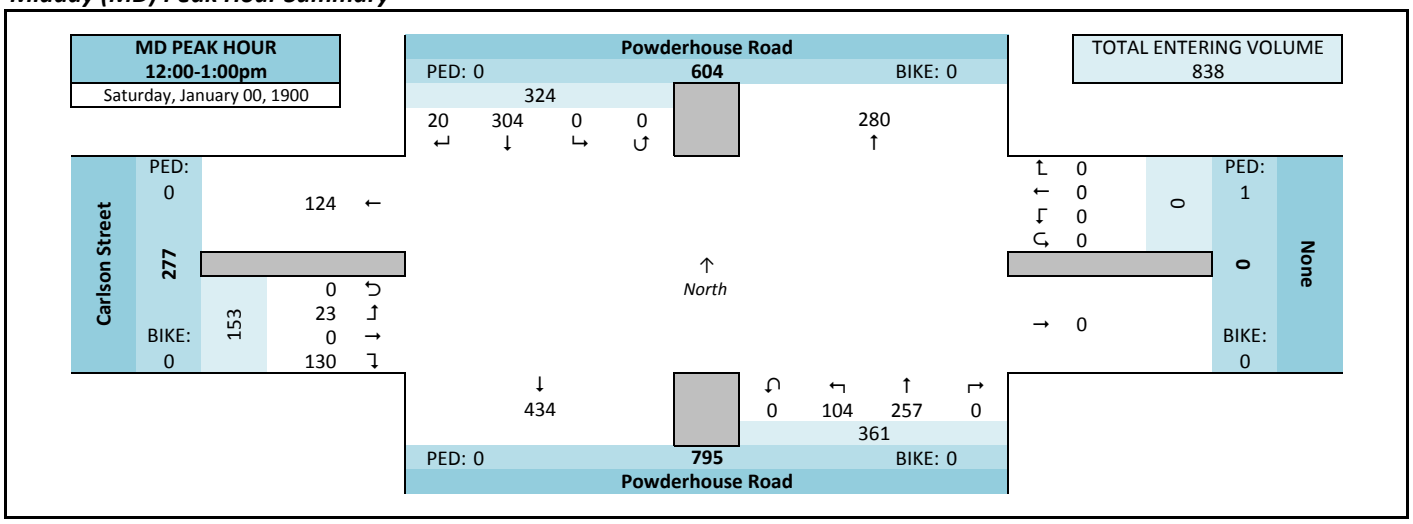


Powderhouse Road and Carlson Street

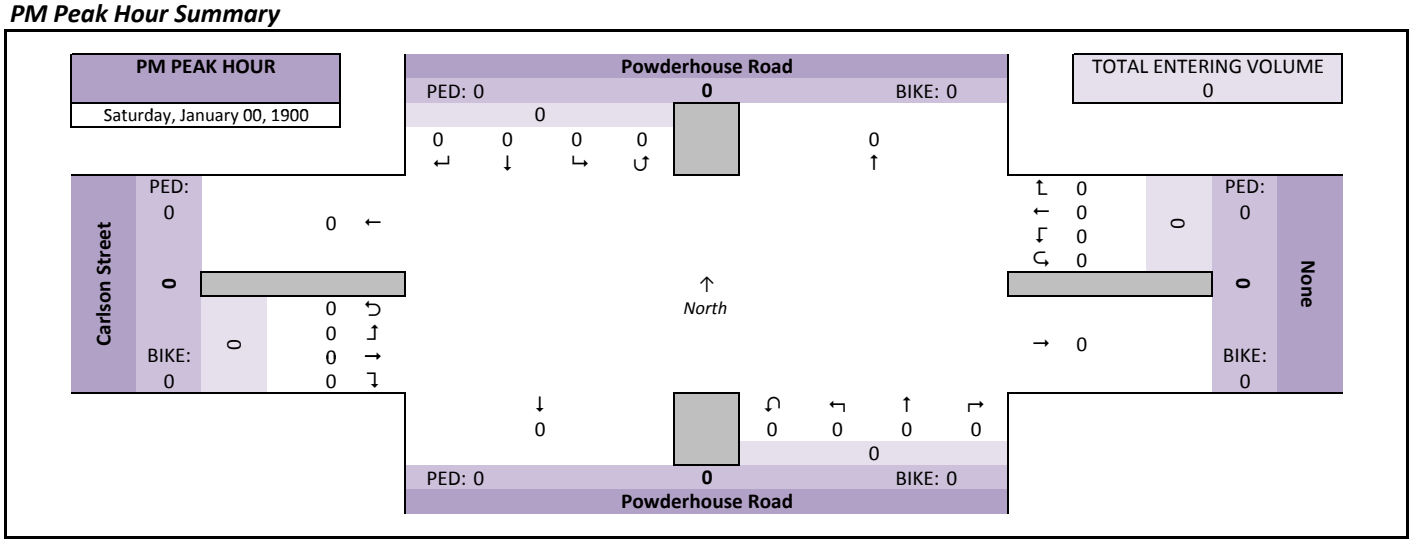
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics		*Page 3 of 11*
Start Date: Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Peak Hour Volume Summary

Powderhouse Road and Carlson Street

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	Powderhouse Road					None					Powderhouse Road					Carlson Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Saturday, January 00, 1900		From North					From East					From South					From West					
	MD Peak Hour	Powderhouse Road					None					Powderhouse Road					Carlson Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	3	68	0	0	71	0	0	0	0	0	0	63	19	0	82	37	0	3	0	40	193
	12:15 PM	8	69	0	0	77	0	0	0	0	0	0	62	20	0	82	26	0	5	0	31	190
	12:30 PM	3	90	0	0	93	0	0	0	0	0	0	78	26	0	104	24	0	6	0	30	227
	12:45 PM	6	77	0	0	83	0	0	0	0	0	0	54	39	0	93	43	0	9	0	52	228
	Peak Hour Volume	20	304	0	0	324	0	0	0	0	0	0	257	104	0	361	130	0	23	0	153	838
	Rounded Hourly Volume	20	305	0	0	325	0	0	0	0	0	0	255	105	0	360	130	0	25	0	155	840
	% Single Unit Trucks	0.0	0.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.4
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.4
	Peak Hour Factor (PHF)	0.62	0.84	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.67	0.00	0.87	0.76	0.00	0.64	0.00	0.74	0.92

Saturday, January 00, 1900		From North					From East					From South					From West					
	PM Peak Hour	Powderhouse Road					None					Powderhouse Road					Carlson Street					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike
		Powderhouse Road			None			Powderhouse Road			Carlson Street			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Volume
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	1	0	1	0	0	0	0	0	0	1
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	0	1	0	0	0	0	0	0	1
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Saturday, March 15, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

All Motor Vehicles

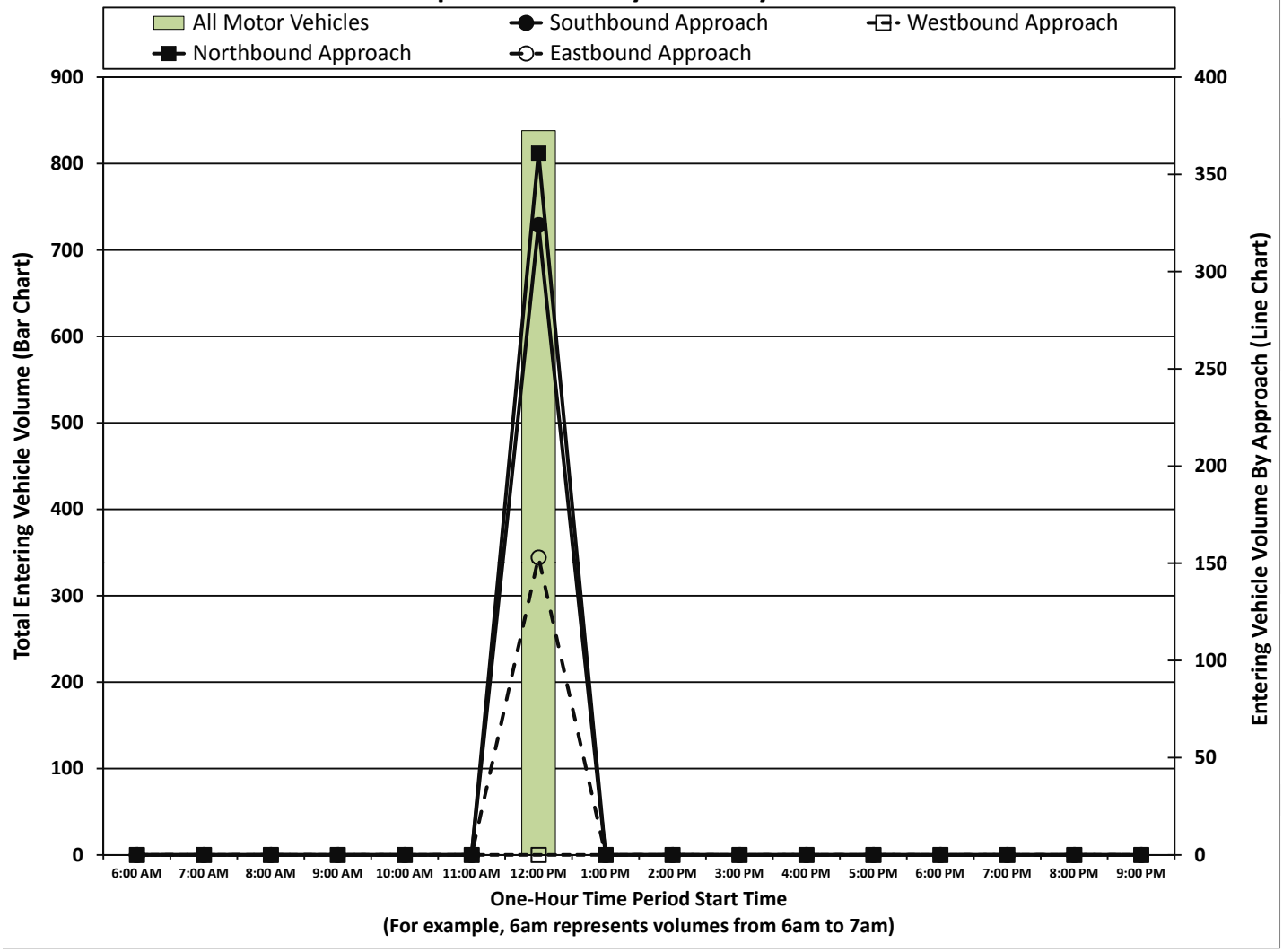


Powderhouse Road and Carlson Street

One-Hour Motor Vehicle Data

One-Hour Time Period Start Time		From North (↓) Powderhouse Road					From East (←) None					From South (↑) Powderhouse Road					From West (→) Carlson Street					Total Vehicle Volume	Directional Volume Totals E/W	Directional Volume Totals N/S
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	20	304	0	0	324	0	0	0	0	0	0	257	104	0	361	130	0	23	0	153	838	153	685
MD	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		20	304	0	0	324	0	0	0	0	0	0	257	104	0	361	130	0	23	0	153	838	153	685

Graphical Summary of Hourly Volumes



Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Tuesday, March 18, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

***Traffic count summary sheet template created by Wisconsin Department of Transportation**

Intersection of: Powderhouse Road and Storey Boulevard

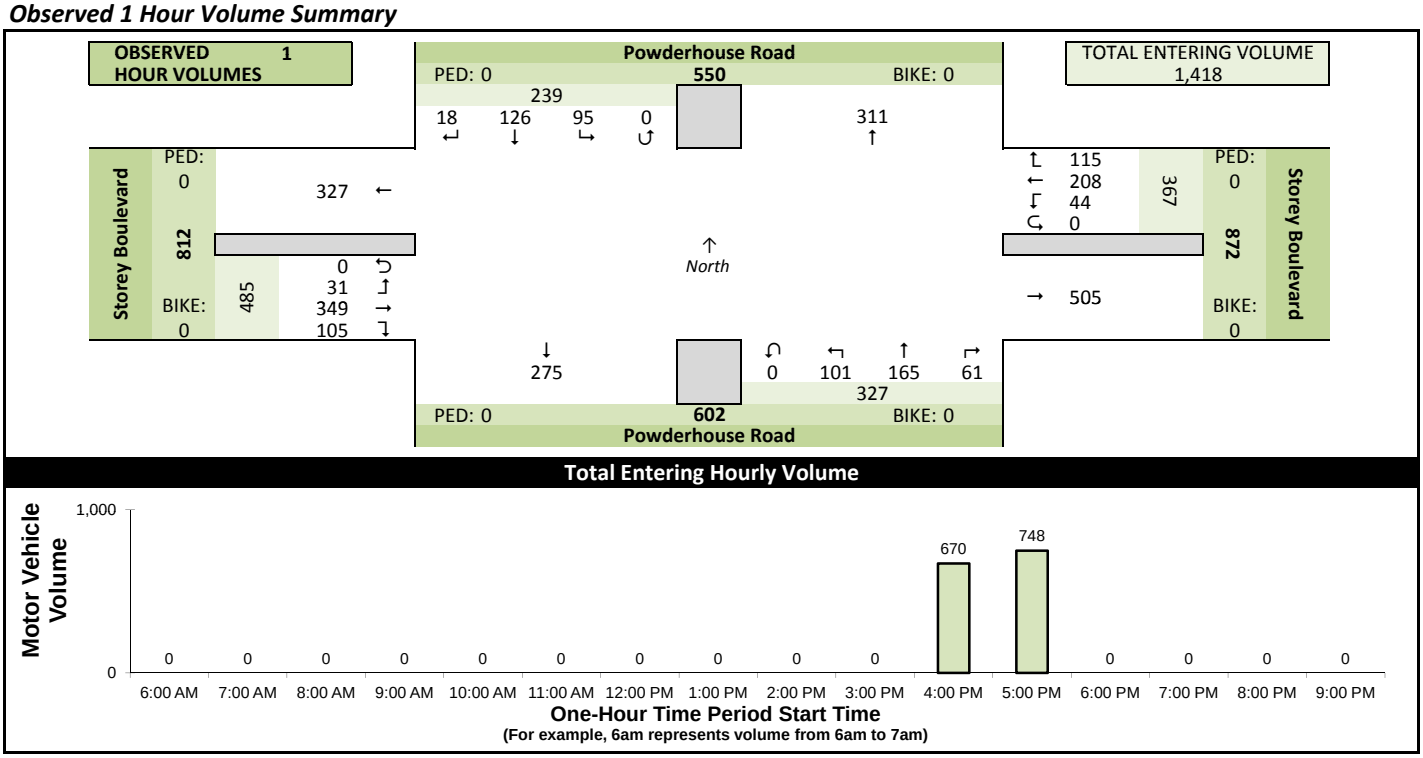
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Traffic Signal		
Roadway Names		North Direction	↑
North Leg	Powderhouse Road		
East Leg	Storey Boulevard		
South Leg	Powderhouse Road		
West Leg	Storey Boulevard		
Special Considerations			
Schools	In Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None		

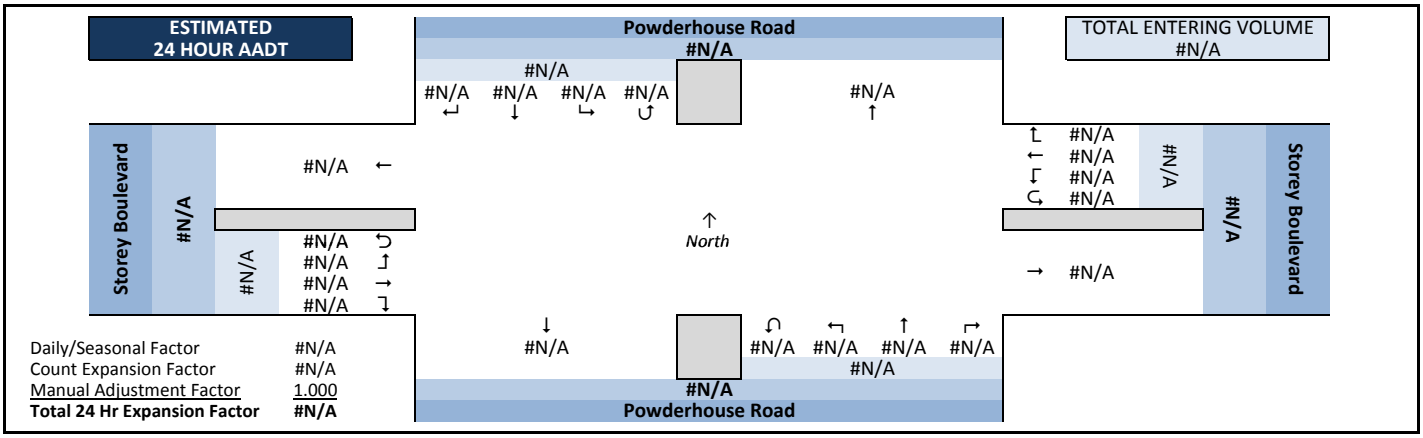
Count Information

Hrs Counted:	4:30 PM-5:30 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period					
PM Peak Period	Tuesday, March 18, 2014				
Calculated Peak Hours					
	AM		MD	PM	4:30-5:30pm
Peak Hours Selected for Analysis					
	AM		MD	PM	4:30-5:30pm
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Tuesday, March 18, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

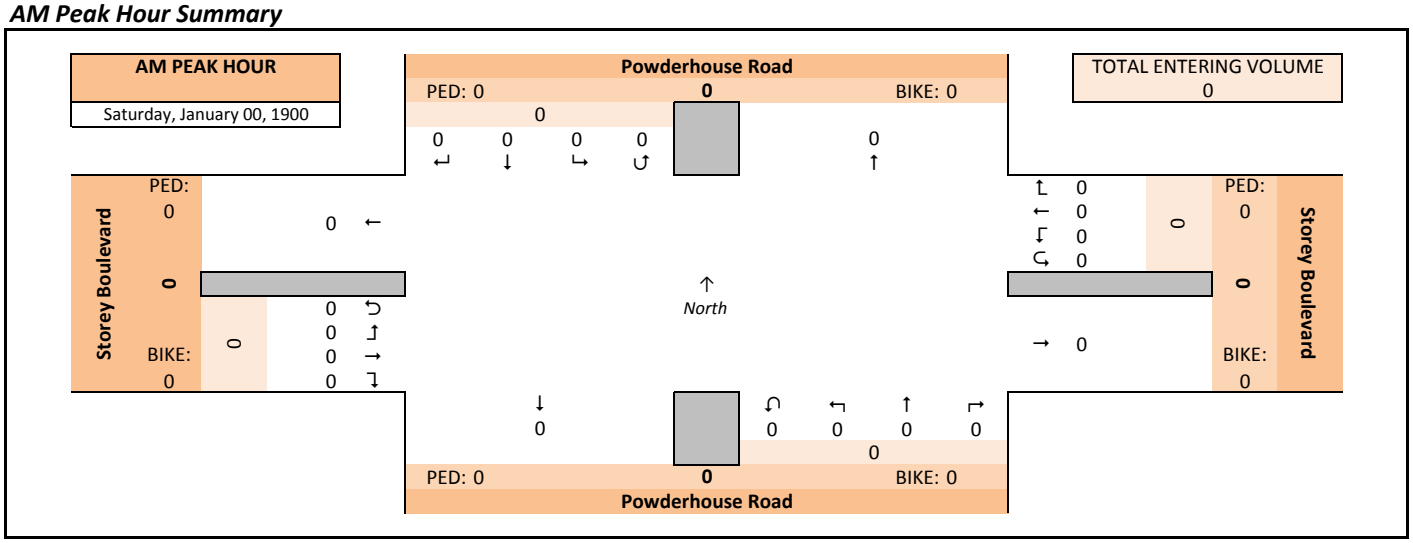
Peak Hour Volume Graphical Summary

All Motor Vehicles

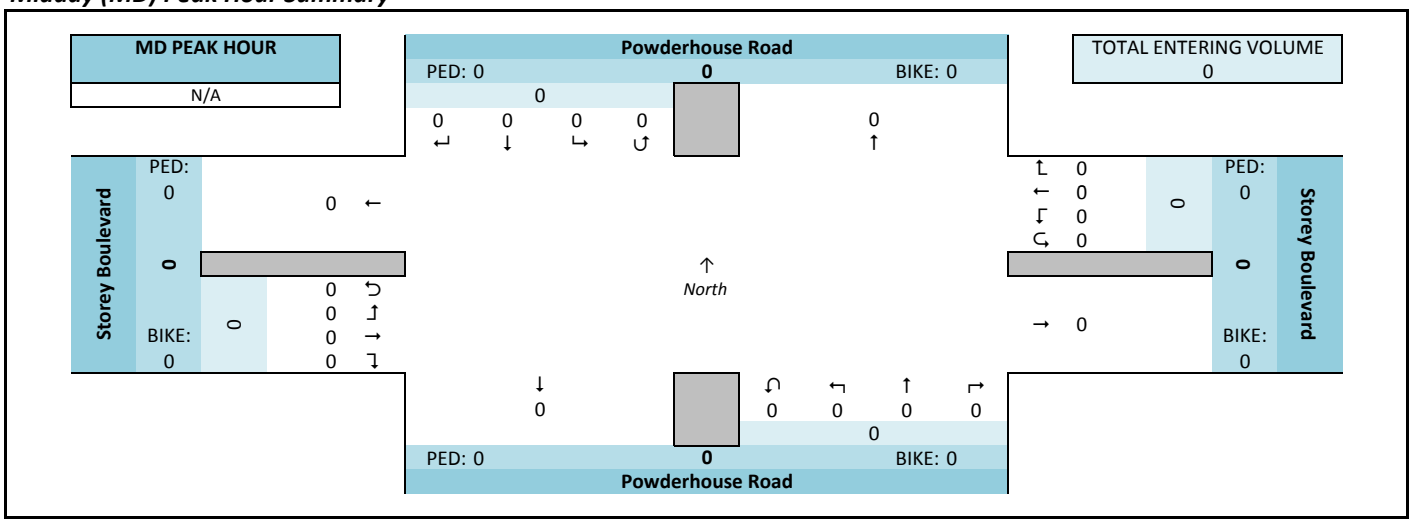


Powderhouse Road and Storey Boulevard

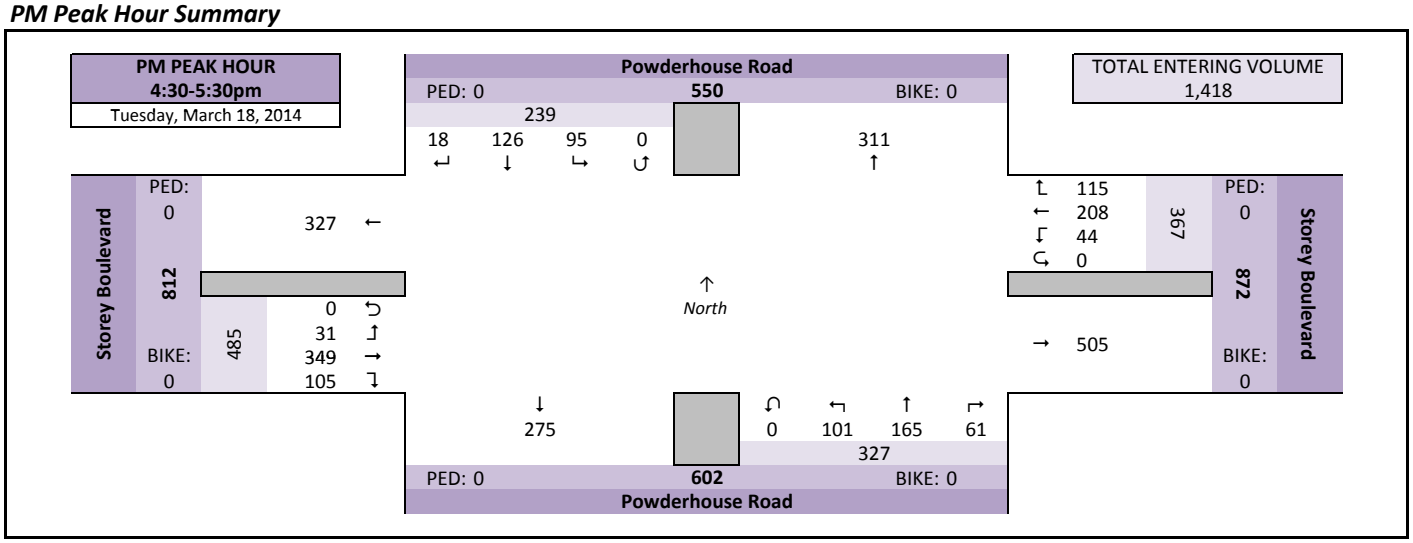
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics			*Page 3 of 11*
Start Date:	Tuesday, March 18, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Peak Hour Volume Summary

Powderhouse Road and Storey Boulevard

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	Powderhouse Road					Storey Boulevard					Powderhouse Road					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

N/A		From North					From East					From South					From West					
	MD Peak Hour	Powderhouse Road					Storey Boulevard					Powderhouse Road					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Tuesday, March 18, 2014		From North					From East					From South					From West					
	PM Peak Hour	Powderhouse Road					Storey Boulevard					Powderhouse Road					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:30 PM	4	27	23	0	54	35	48	11	0	94	10	39	27	0	76	23	76	6	0	105	329
	4:45 PM	5	29	26	0	60	33	50	6	0	89	12	35	29	0	76	24	85	7	0	116	341
	5:00 PM	2	33	28	0	63	30	59	9	0	98	23	48	20	0	91	35	100	9	0	144	396
	5:15 PM	7	37	18	0	62	17	51	18	0	86	16	43	25	0	84	23	88	9	0	120	352
	Peak Hour Volume	18	126	95	0	239	115	208	44	0	367	61	165	101	0	327	105	349	31	0	485	1418
	Rounded Hourly Volume	20	125	95	0	240	115	210	45	0	370	60	165	100	0	325	105	350	30	0	485	1420
	% Single Unit Trucks	0.0	1.6	2.1	0.0	1.7	0.9	1.4	0.0	0.0	1.1	0.0	1.2	1.0	0.0	0.9	1.0	0.6	0.0	0.0	0.6	1.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	1.6	2.1	0.0	1.7	0.9	1.4	0.0	0.0	1.1	0.0	1.2	1.0	0.0	0.9	1.0	0.6	0.0	0.0	0.6	1.0
	Peak Hour Factor (PHF)	0.64	0.85	0.85	0.00	0.95	0.82	0.88	0.61	0.00	0.94	0.66	0.86	0.87	0.00	0.90	0.75	0.87	0.86	0.00	0.84	0.90

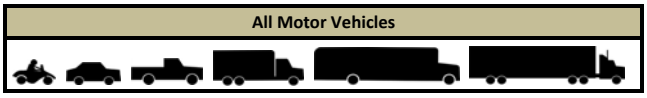
Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		Powderhouse Road			Storey Boulevard			Powderhouse Road			Storey Boulevard			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Tuesday, March 18, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

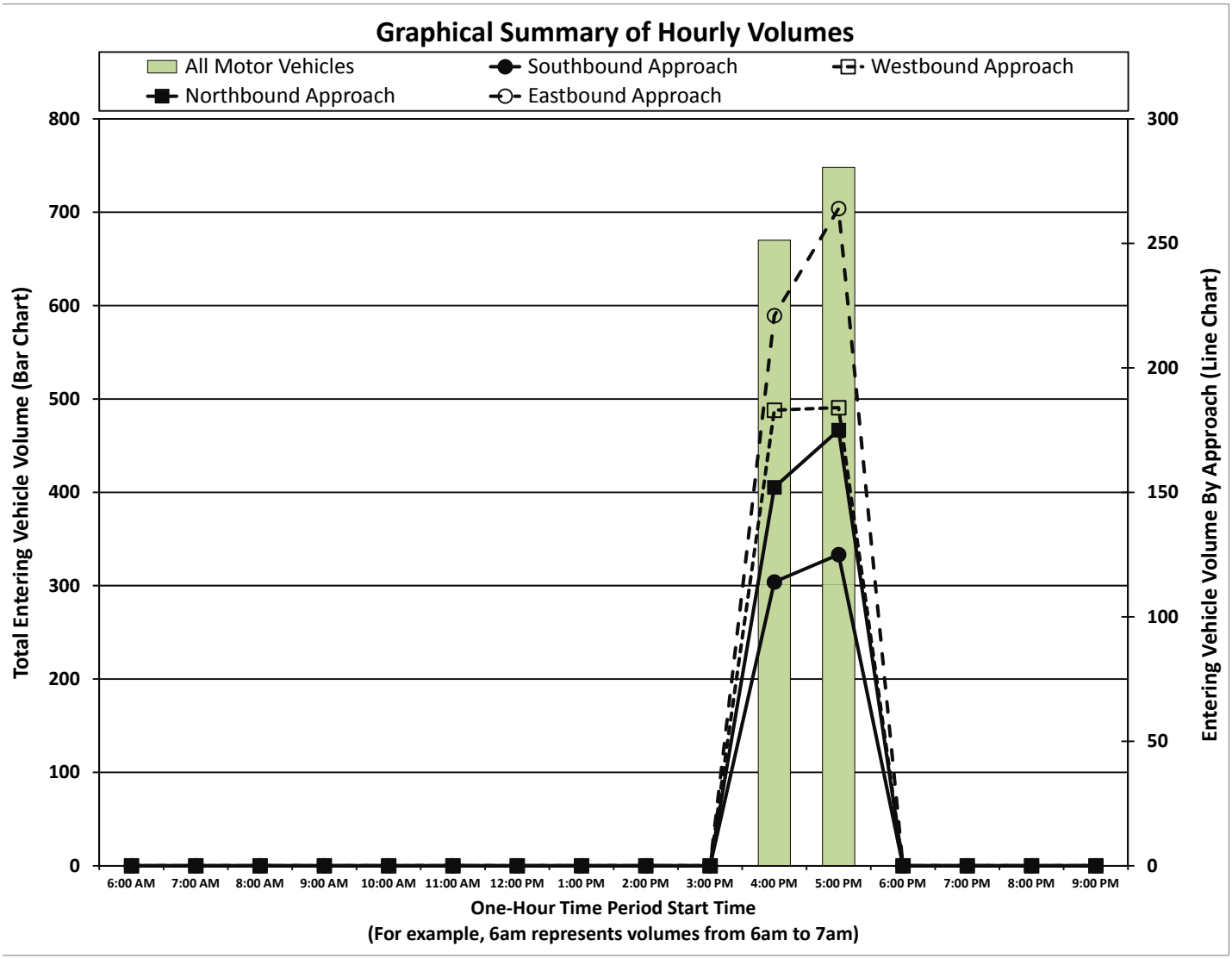
Hourly Volume Summary - Motor Vehicle Data



Powderhouse Road and Storey Boulevard

One-Hour Motor Vehicle Data

One-Hour Time Period Start Time		From North (↓) Powderhouse Road					From East (←) Storey Boulevard					From South (↑) Powderhouse Road					From West (→) Storey Boulevard					Total Vehicle Volume	Directional Volume Totals E/W	Directional Volume Totals N/S
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	9	56	49	0	114	68	98	17	0	183	22	74	56	0	152	47	161	13	0	221	670	404	266
PM	5:00 PM	9	70	46	0	125	47	110	27	0	184	39	91	45	0	175	58	188	18	0	264	748	448	300
PM	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		18	126	95	0	239	115	208	44	0	367	61	165	101	0	327	105	349	31	0	485	1418	852	566



Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

***Traffic count summary sheet template created by Wisconsin Department of Transportation**

Intersection of: Powderhouse Road and Storey Boulevard

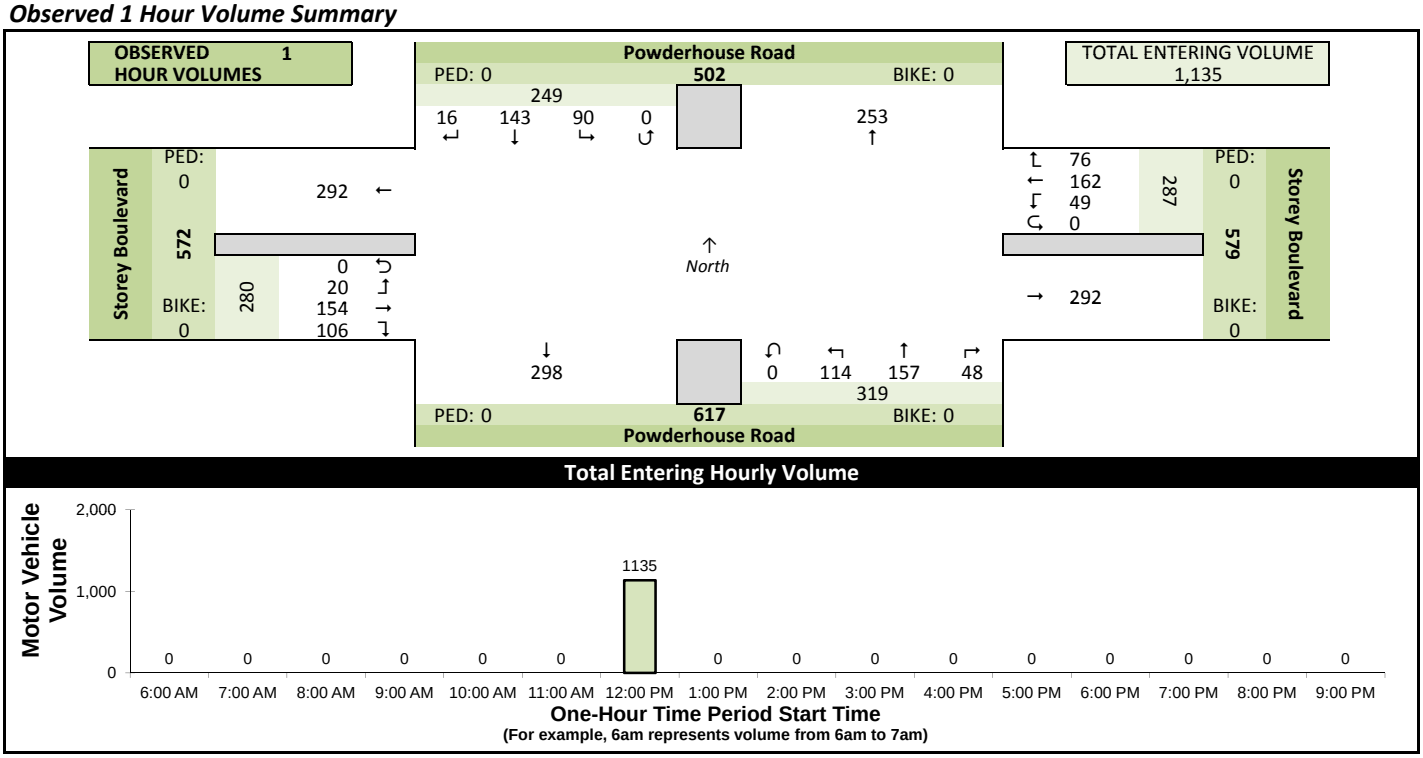
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Traffic Signal		
Roadway Names		North Direction	↑
North Leg	Powderhouse Road		
East Leg	Storey Boulevard		
South Leg	Powderhouse Road		
West Leg	Storey Boulevard		
Special Considerations			
Schools	Not in Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None	None	

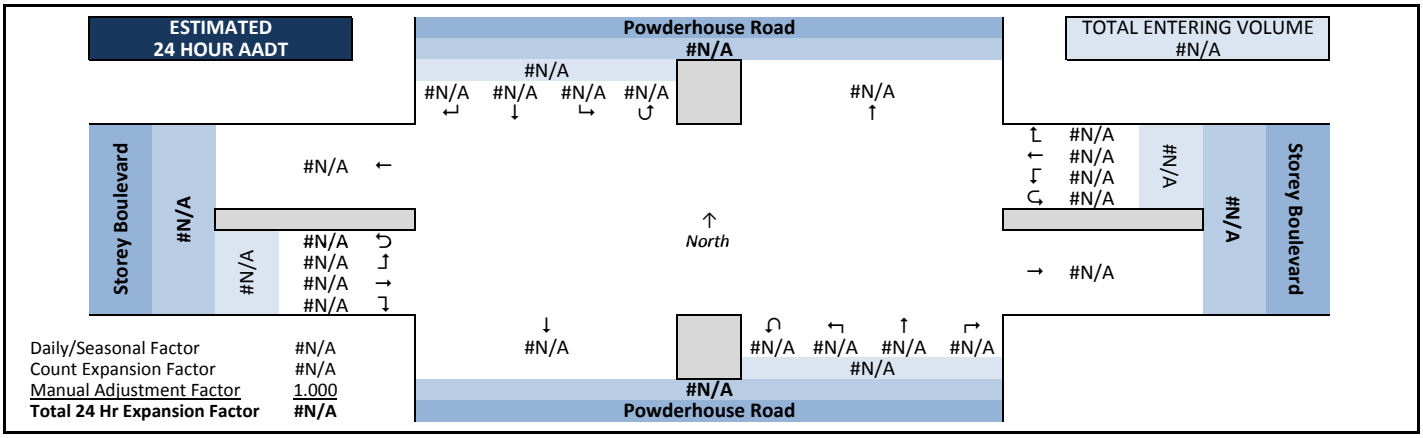
Count Information

Hrs Counted:	12:00 PM-1:00 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period	Saturday, March 29, 2014				
PM Peak Period					
Calculated Peak Hours					
AM		MD	12:00-1:00pm	PM	
Peak Hours Selected for Analysis					
AM		MD	12:00-1:00pm	PM	
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

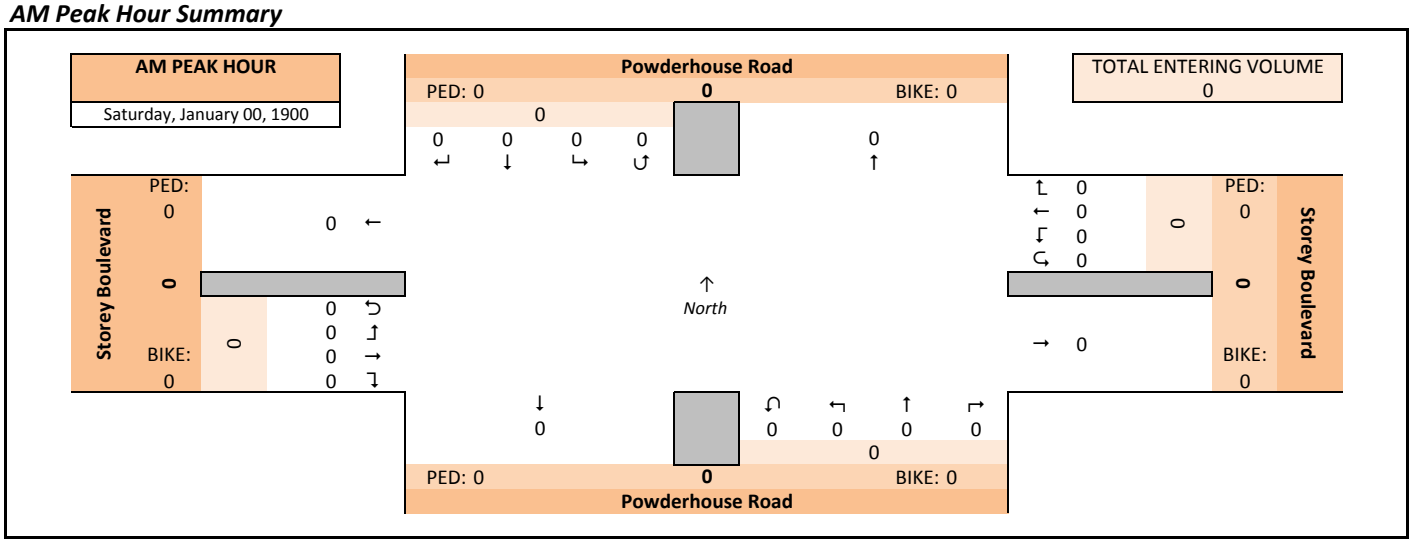
Peak Hour Volume Graphical Summary

All Motor Vehicles

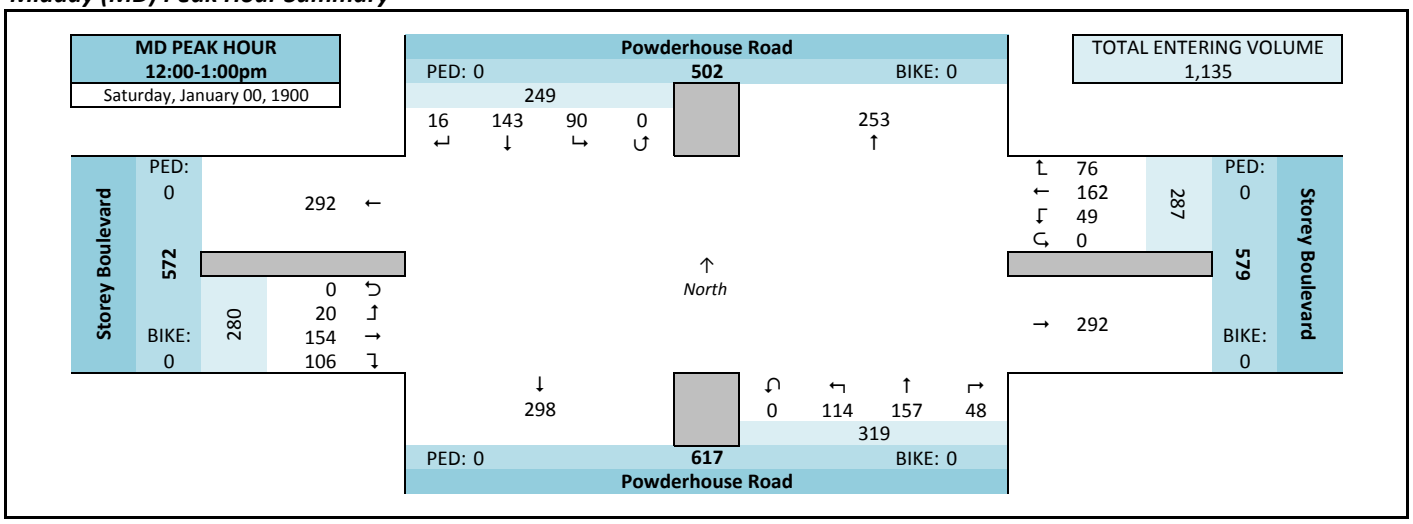


Powderhouse Road and Storey Boulevard

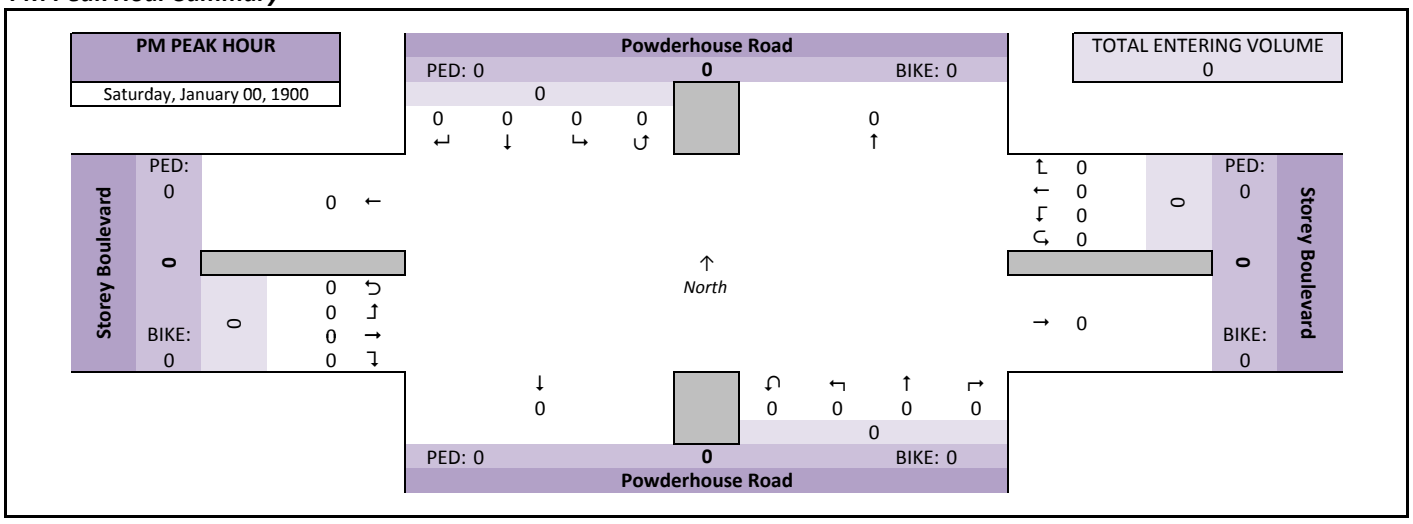
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics		*Page 3 of 11*
Start Date: Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Peak Hour Volume Summary

Powderhouse Road and Storey Boulevard

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	Powderhouse Road					Storey Boulevard					Powderhouse Road					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Saturday, January 00, 1900		From North					From East					From South					From West					
	MD Peak Hour	Powderhouse Road					Storey Boulevard					Powderhouse Road					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	4	41	30	0	75	20	47	8	0	75	15	31	18	0	64	25	47	4	0	76	290
	12:15 PM	3	30	19	0	52	26	41	17	0	84	7	38	27	0	72	28	34	5	0	67	275
	12:30 PM	3	33	20	0	56	14	39	11	0	64	10	46	25	0	81	27	34	5	0	66	267
	12:45 PM	6	39	21	0	66	16	35	13	0	64	16	42	44	0	102	26	39	6	0	71	303
	Peak Hour Volume	16	143	90	0	249	76	162	49	0	287	48	157	114	0	319	106	154	20	0	280	1135
	Rounded Hourly Volume	15	145	90	0	250	75	160	50	0	285	50	155	115	0	320	105	155	20	0	280	1135
	% Single Unit Trucks	0.0	1.4	1.1	0.0	1.2	1.3	0.0	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.4	0.5
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	1.4	1.1	0.0	1.2	1.3	0.0	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.4	0.5
	Peak Hour Factor (PHF)	0.67	0.87	0.75	0.00	0.83	0.73	0.86	0.72	0.00	0.85	0.75	0.85	0.65	0.00	0.78	0.95	0.82	0.83	0.00	0.92	0.94

Saturday, January 00, 1900		From North					From East					From South					From West					
	PM Peak Hour	Powderhouse Road					Storey Boulevard					Powderhouse Road					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike
		Powderhouse Road			Storey Boulevard			Powderhouse Road			Storey Boulevard			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Volume
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

All Motor Vehicles

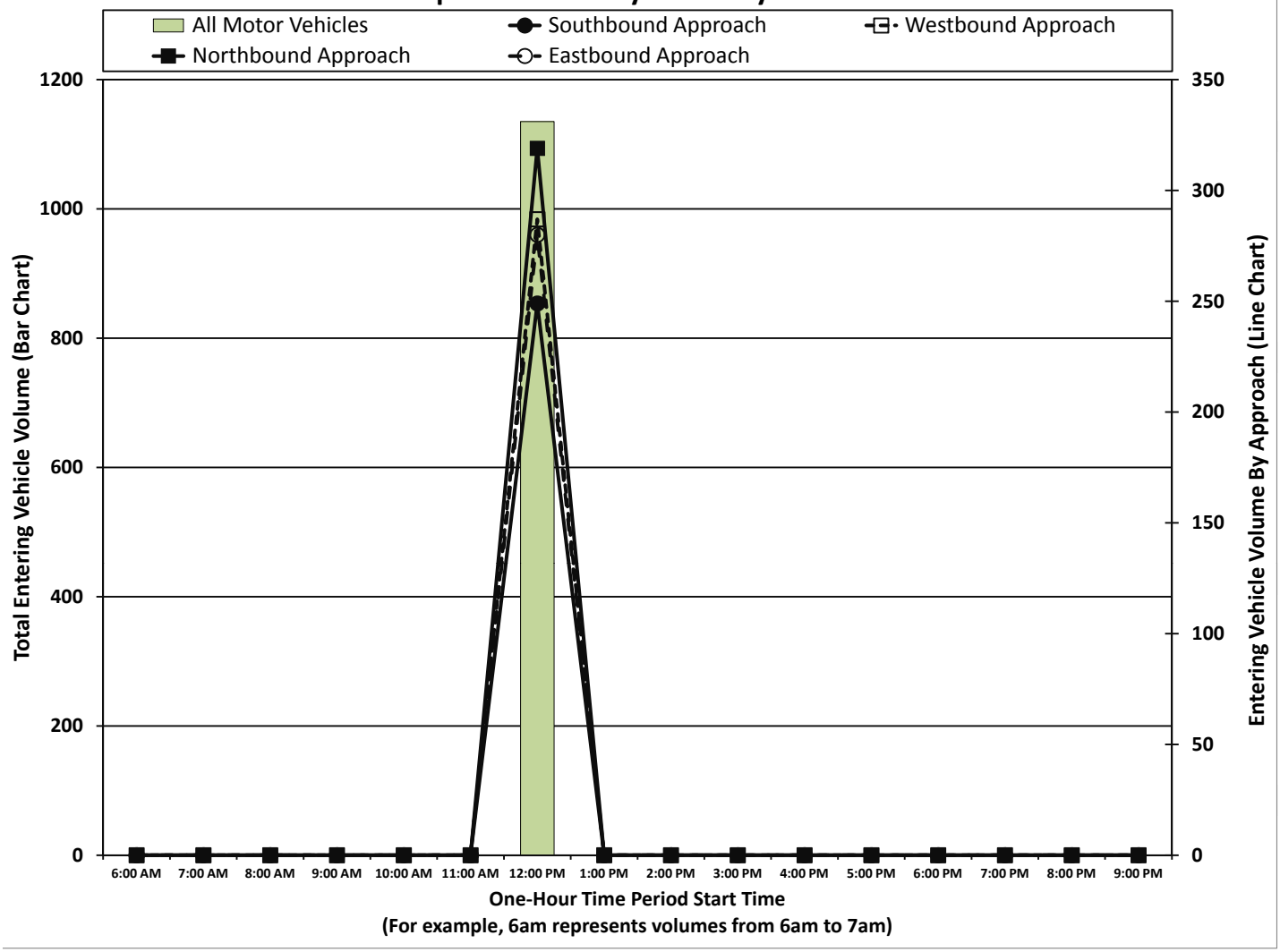


Powderhouse Road and Storey Boulevard

One-Hour Motor Vehicle Data

One-Hour Time Period Start Time		From North (↓) Powderhouse Road					From East (←) Storey Boulevard					From South (↑) Powderhouse Road					From West (→) Storey Boulevard					Total Vehicle Volume	Directional Volume Totals	
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total		E/W	N/S
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	16	143	90	0	249	76	162	49	0	287	48	157	114	0	319	106	154	20	0	280	1135	567	568
	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		16	143	90	0	249	76	162	49	0	287	48	157	114	0	319	106	154	20	0	280	1135	567	568

Graphical Summary of Hourly Volumes



Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Wednesday, March 19, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

***Traffic count summary sheet template created by Wisconsin Department of Transportation**

Intersection of: Converse Avenue and Storey Boulevard

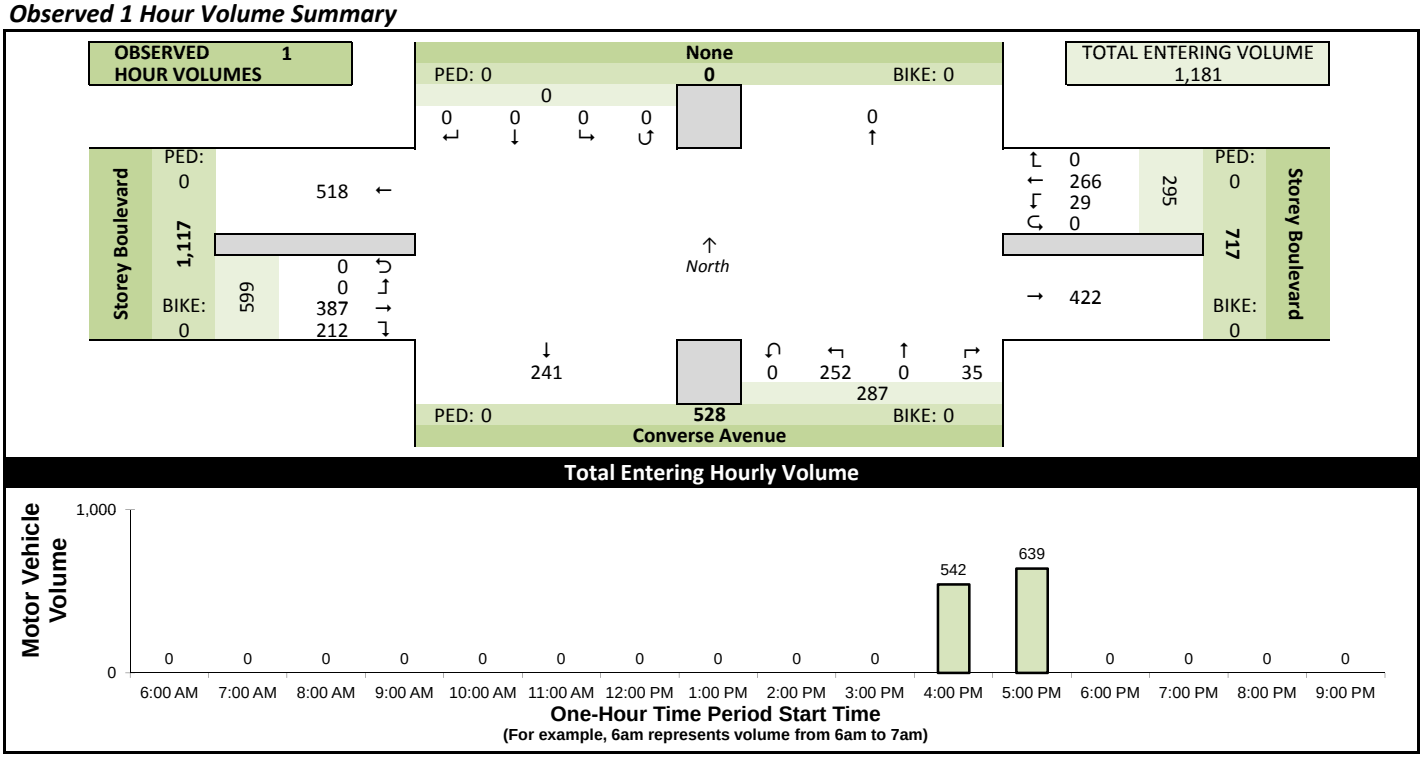
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Traffic Signal		
Roadway Names		North Direction	↑
North Leg	None		
East Leg	Storey Boulevard		
South Leg	Converse Avenue		
West Leg	Storey Boulevard		
Special Considerations			
Schools	In Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None		

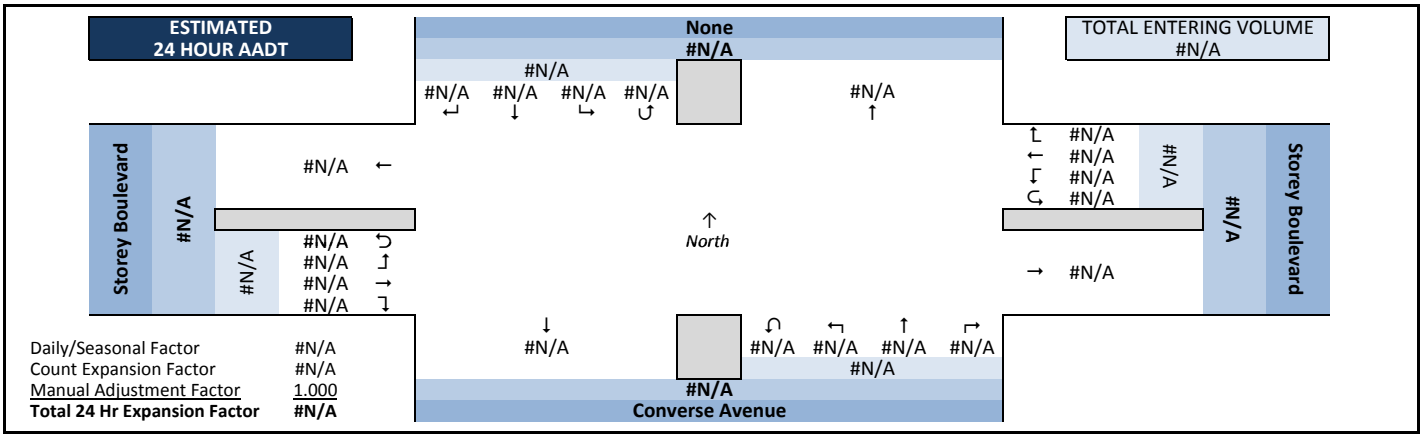
Count Information

Hrs Counted:	4:30 PM-5:30 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period					
PM Peak Period	Wednesday, March 19, 2014				
Calculated Peak Hours					
	AM		MD	PM	4:30-5:30pm
Peak Hours Selected for Analysis					
	AM		MD	PM	4:30-5:30pm
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT


ESTIMATED 24 HOUR AADT
None
#N/A
TOTAL ENTERING VOLUME
#N/A
Storey Boulevard
#N/A
#N/A
#N/A
#N/A
North
#N/A
#N/A
#N/A
#N/A

Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Wednesday, March 19, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

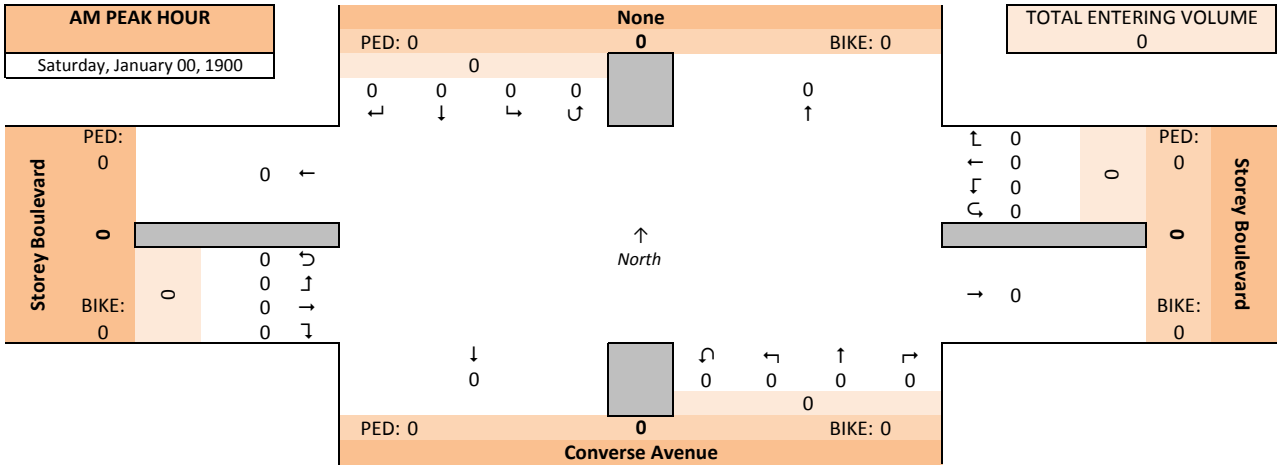
Peak Hour Volume Graphical Summary

Converse Avenue and Storey Boulevard

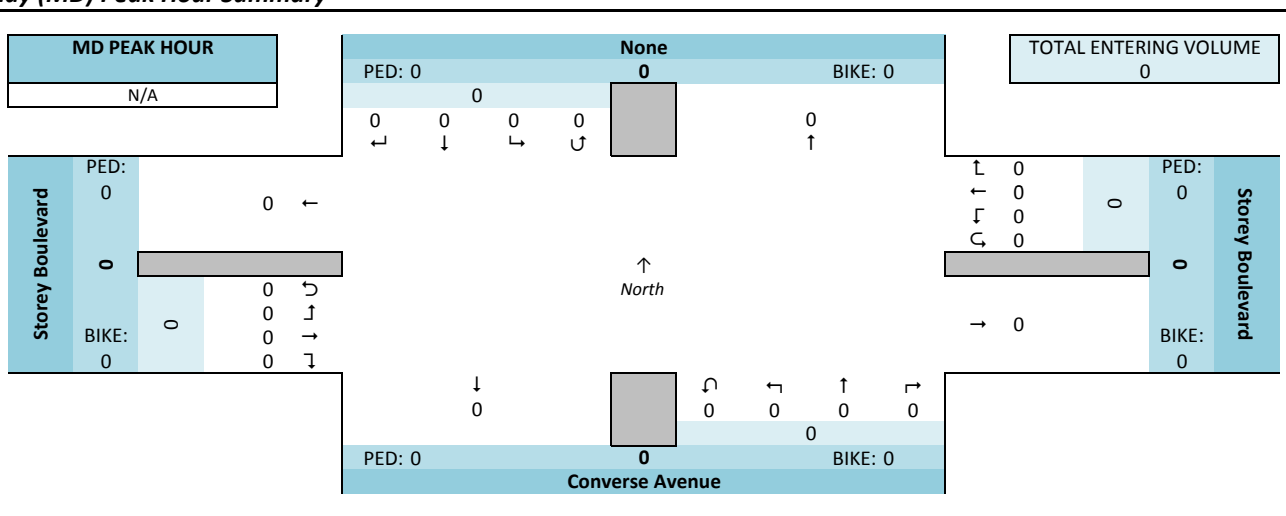
All Motor Vehicles



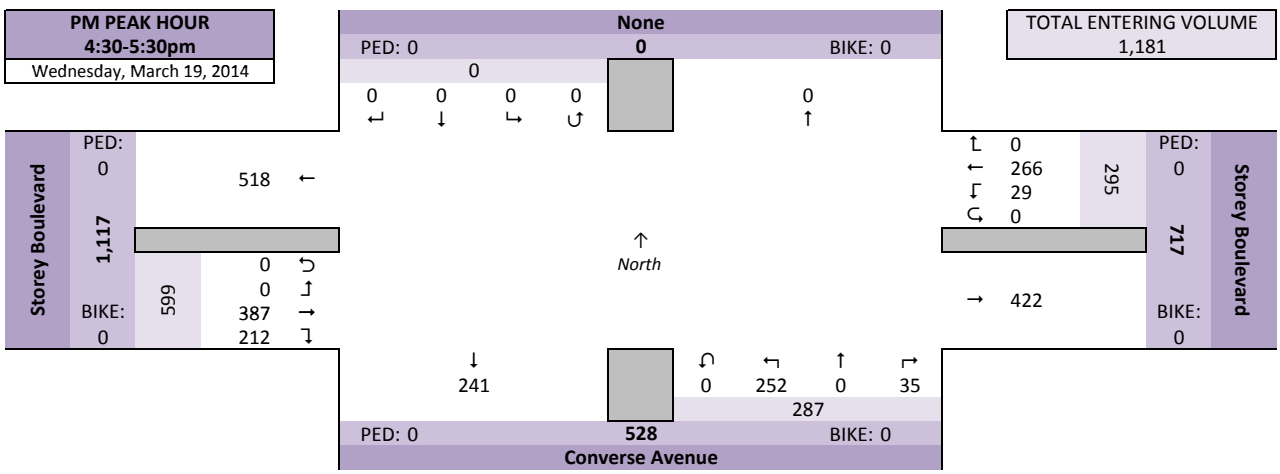
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics			*Page 3 of 11*
Start Date:	Wednesday, March 19, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Peak Hour Volume Summary

Converse Avenue and Storey Boulevard

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	None					Storey Boulevard					Converse Avenue					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

N/A		From North					From East					From South					From West					
	MD Peak Hour	None					Storey Boulevard					Converse Avenue					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Wednesday, March 19, 2014		From North					From East					From South					From West					
	PM Peak Hour	None					Storey Boulevard					Converse Avenue					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:30 PM	0	0	0	0	0	0	53	9	0	62	8	0	75	0	83	43	68	0	0	111	256
	4:45 PM	0	0	0	0	0	0	70	7	0	77	13	0	61	0	74	40	95	0	0	135	286
	5:00 PM	0	0	0	0	0	0	61	6	0	67	10	0	72	0	82	61	109	0	0	170	319
	5:15 PM	0	0	0	0	0	0	82	7	0	89	4	0	44	0	48	68	115	0	0	183	320
	Peak Hour Volume	0	0	0	0	0	0	266	29	0	295	35	0	252	0	287	212	387	0	0	599	1181
	Rounded Hourly Volume	0	0	0	0	0	0	265	30	0	295	35	0	250	0	285	210	385	0	0	595	1175
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.7	0.0	0.0	0.4	0.0	0.3	0.0	0.8	0.0	0.0	0.5	0.5
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.7	0.0	0.0	0.4	0.0	0.3	0.0	0.8	0.0	0.0	0.5	0.5
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.81	0.00	0.83	0.67	0.00	0.84	0.00	0.86	0.78	0.84	0.00	0.00	0.82	0.92

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		None			Storey Boulevard			Converse Avenue			Storey Boulevard			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Wednesday, March 19, 2014	Weekday	Schools in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

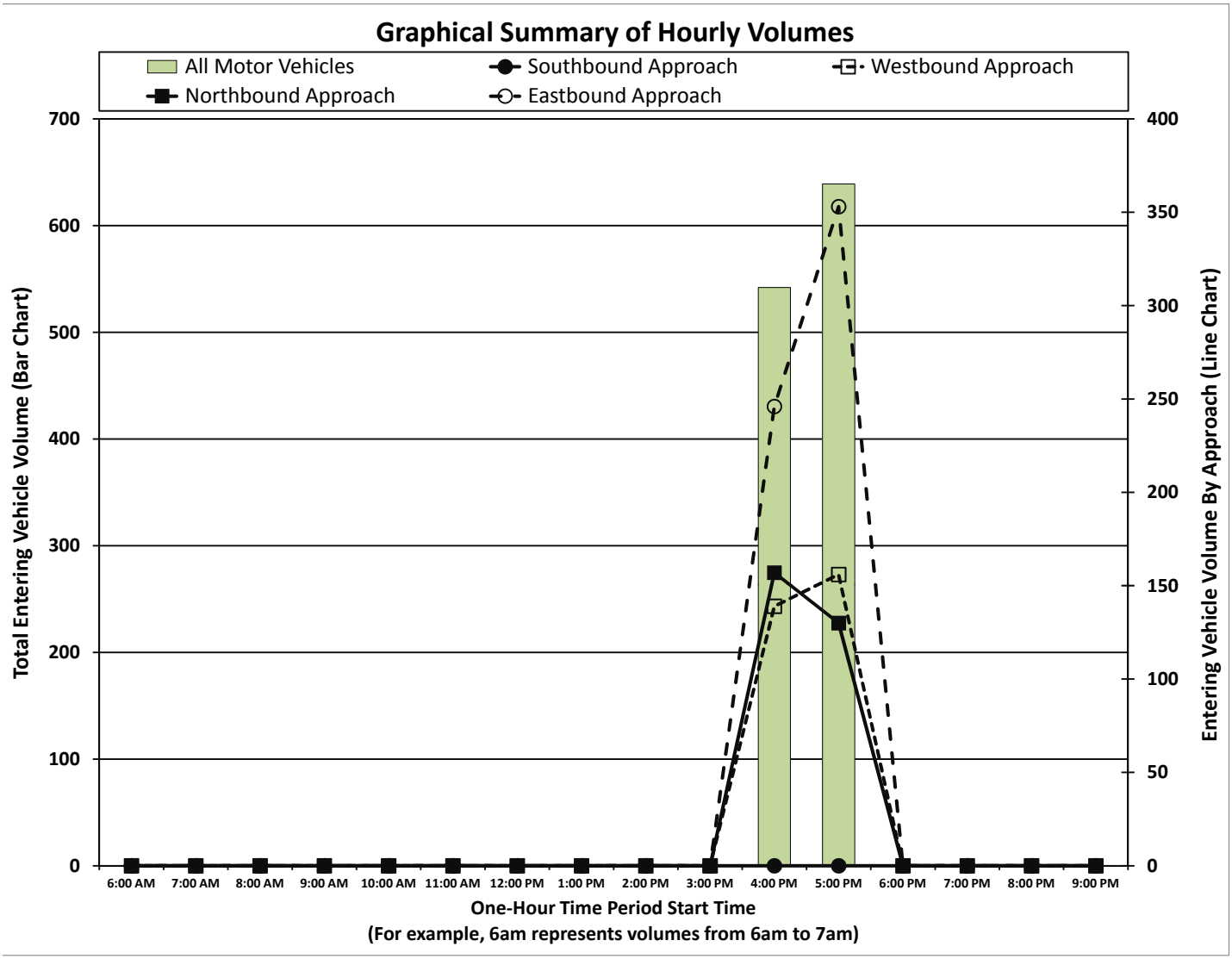
All Motor Vehicles



Converse Avenue and Storey Boulevard

One-Hour Motor Vehicle Data

One-Hour Time Period Start Time		From North (↓) None					From East (←) Storey Boulevard					From South (↑) Converse Avenue					From West (→) Storey Boulevard					Total Vehicle Volume	Directional Volume Totals E/W	Directional Volume Totals N/S
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	123	16	0	139	21	0	136	0	157	83	163	0	0	246	542	385	157
PM	5:00 PM	0	0	0	0	0	0	143	13	0	156	14	0	116	0	130	129	224	0	0	353	639	509	130
PM	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		0	0	0	0	0	0	266	29	0	295	35	0	252	0	287	212	387	0	0	599	1181	894	287



Intersection Traffic Volume Report

Count Basics	Version 2011.J3		Page 1 of 11
Start Date:	Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

Base Information, Observed (1) Hour and Estimated (24) Hour Volume Summaries

***Traffic count summary sheet template created by Wisconsin Department of Transportation**

Intersection of: Converse Avenue and Storey Boulevard

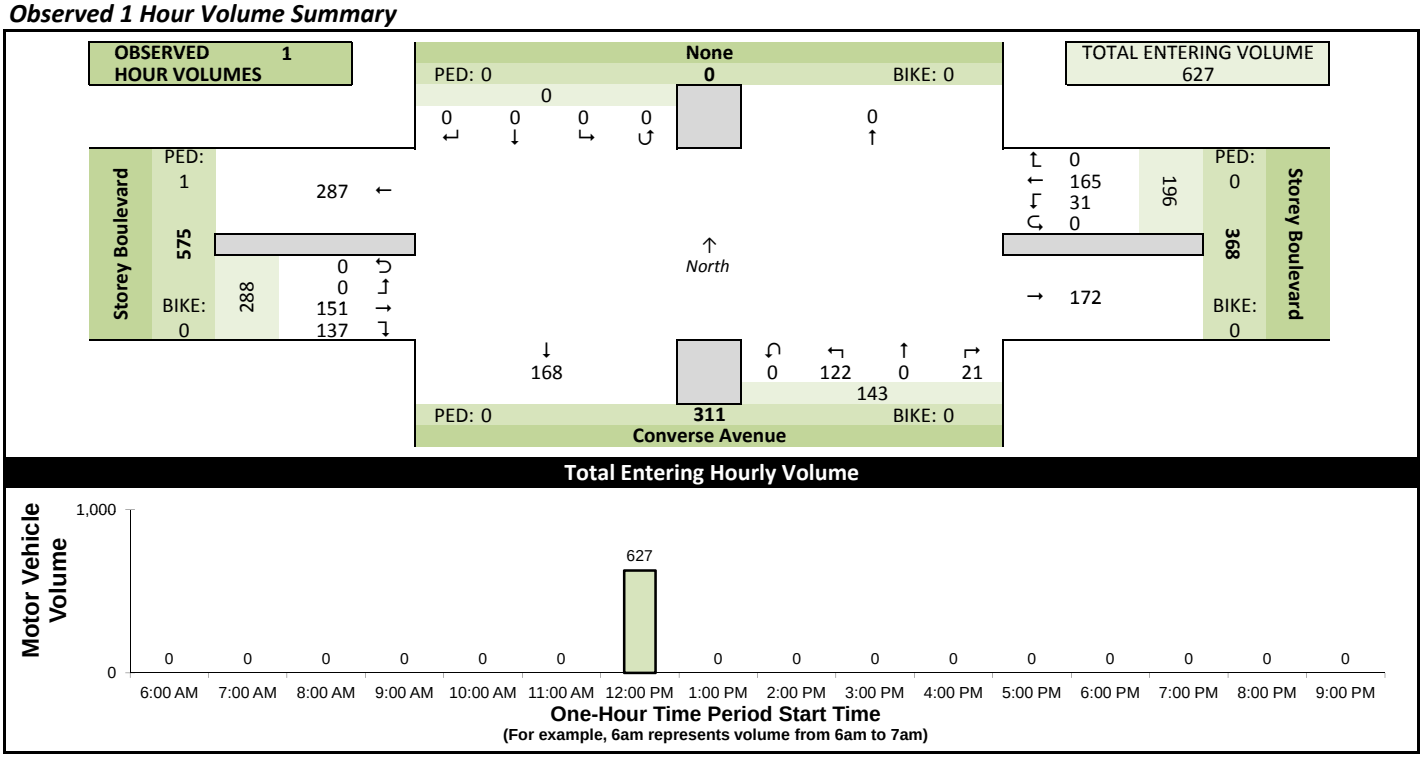
Site Information

Municipality	City of Cheyenne		
County		WisDOT Region	
Traffic Control	Traffic Signal		
Roadway Names		North Direction	↑
North Leg	None		
East Leg	Storey Boulevard		
South Leg	Converse Avenue		
West Leg	Storey Boulevard		
Special Considerations			
Schools	Not in Session		
Holidays	None		
Special Events	None		
Special Pedestrians Observed			
Pre-school children	None		
Elementry school age children	None		
Visually impaired (white cane/helper dog)	None		
Elderly/disabled (except wheelchairs)	None		
Wheelchairs/electric scooters	None		
Other (describe)	None	None	

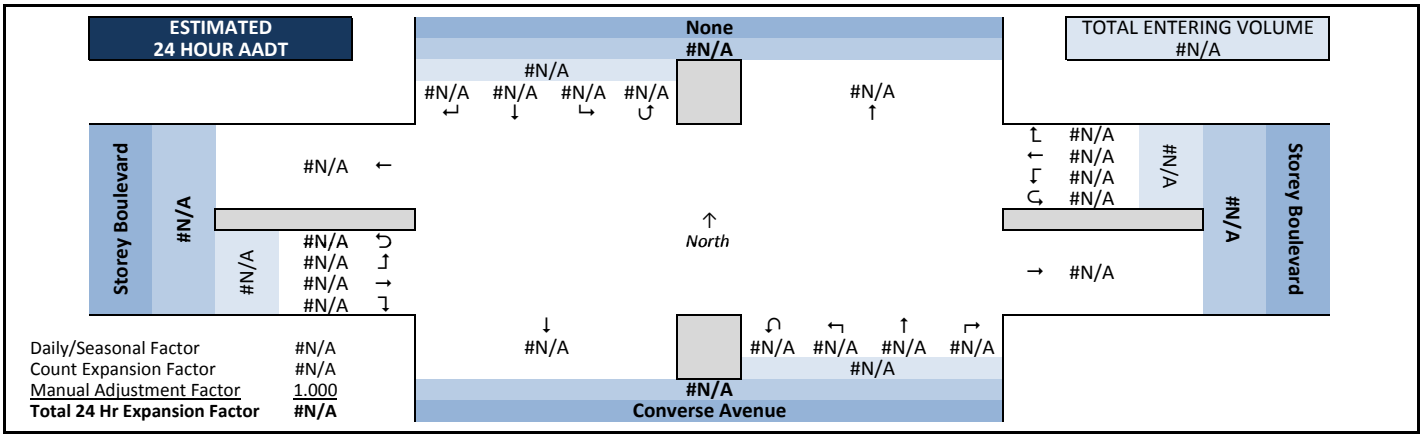
Count Information

Hrs Counted:	12:00 PM-1:00 PM				
Count Dates				Weather	
AM Peak Period					
Midday Peak Period	Saturday, March 29, 2014				
PM Peak Period					
Calculated Peak Hours					
AM		MD	12:00-1:00pm	PM	
Peak Hours Selected for Analysis					
AM		MD	12:00-1:00pm	PM	
Daily/Seasonal Adjustment Group	Other				
Count Expansion Group	Other				
Daily/Seasonal Adjustment Factor	#N/A	Count Expansion Factor	#N/A		
Company Name	Ayres Associates			Manual Adj.	1.000
Observers	AM Peak Period				
	Midday Peak Period				
	PM Peak Period				
Comments					

Observed 1 Hour Volume Summary



Estimated 24 Hour AADT


ESTIMATED 24 HOUR AADT
None
#N/A
TOTAL ENTERING VOLUME
#N/A
Storey Boulevard
#N/A
#N/A
#N/A
North
#N/A
#N/A
#N/A

Intersection Traffic Volume Report

Count Basics			Page 2 of 11
Start Date:	Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1		Non-Holiday	No Special Events

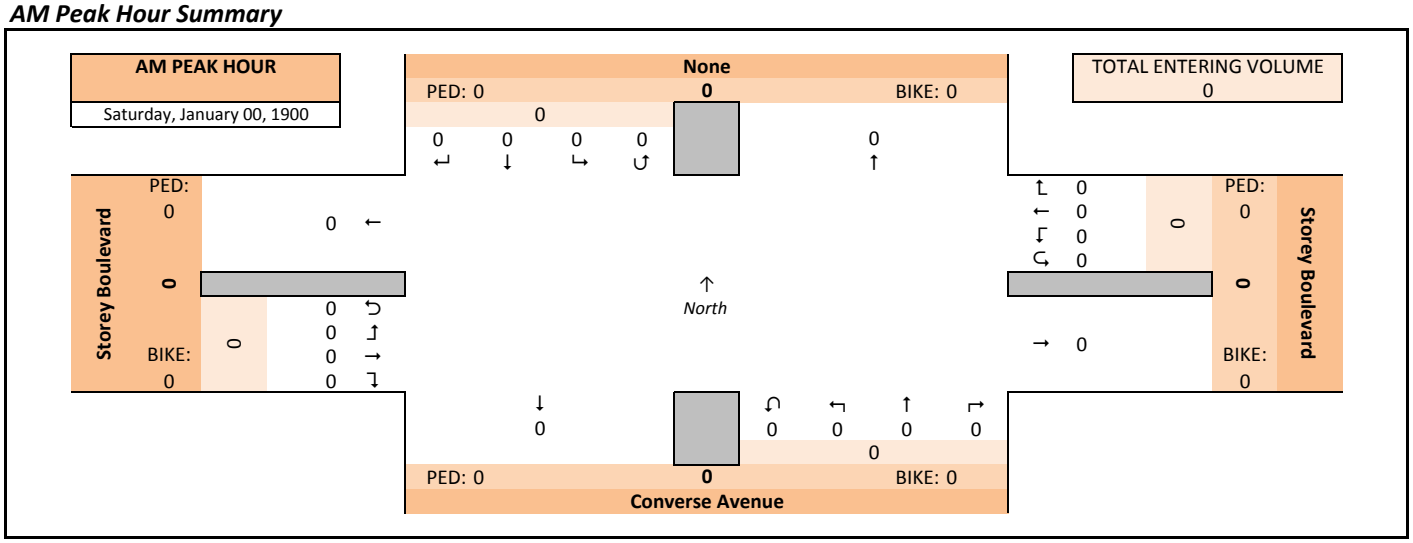
Peak Hour Volume Graphical Summary

All Motor Vehicles

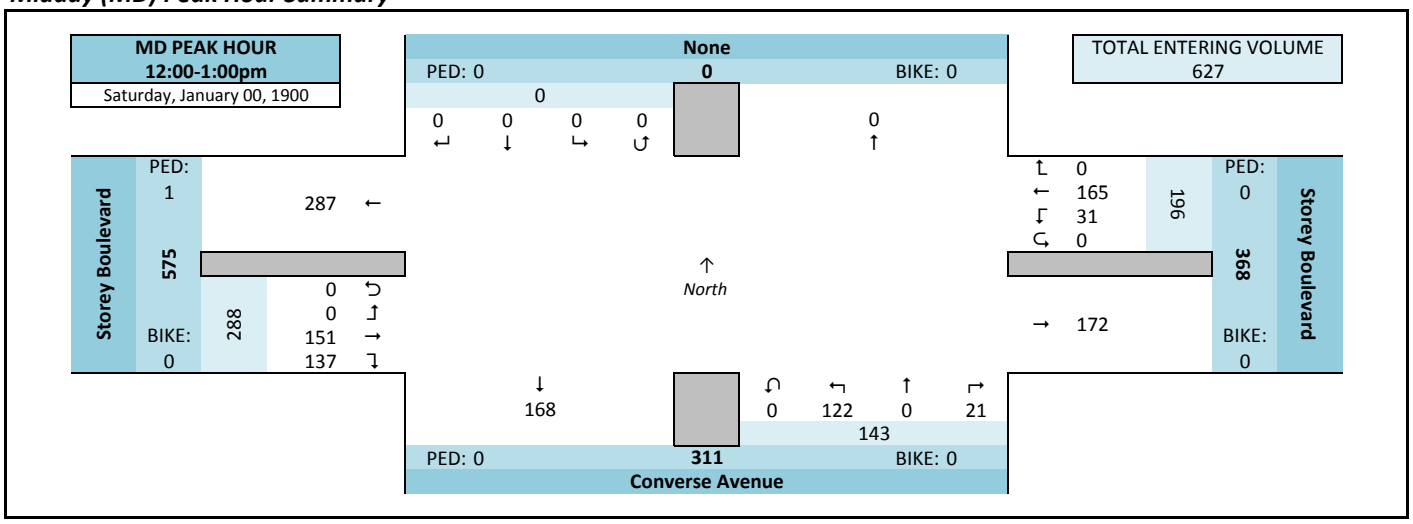


None and Storey Boulevard

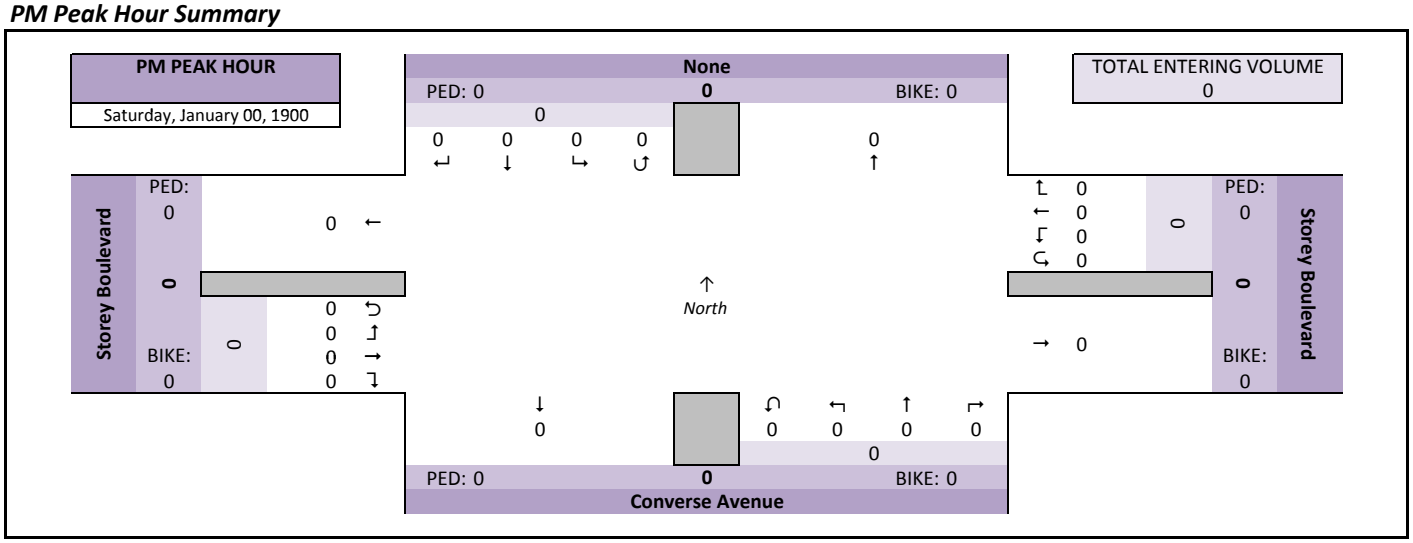
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Count Basics		*Page 3 of 11*
Start Date: Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Peak Hour Volume Summary

None and Storey Boulevard

All Motor Vehicles



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 00, 1900		From North					From East					From South					From West					
	AM Peak Hour	None					Storey Boulevard					Converse Avenue					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
AM Peak Hour	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Saturday, January 00, 1900		From North					From East					From South					From West					
	MD Peak Hour	None					Storey Boulevard					Converse Avenue					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
Midday (MD) Peak Hour	12:00 PM	0	0	0	0	0	0	49	10	0	59	5	0	21	0	26	42	42	0	0	84	169
	12:15 PM	0	0	0	0	0	0	52	8	0	60	6	0	35	0	41	34	39	0	0	73	174
	12:30 PM	0	0	0	0	0	0	31	7	0	38	7	0	32	0	39	31	31	0	0	62	139
	12:45 PM	0	0	0	0	0	0	33	6	0	39	3	0	34	0	37	30	39	0	0	69	145
	Peak Hour Volume	0	0	0	0	0	0	165	31	0	196	21	0	122	0	143	137	151	0	0	288	627
	Rounded Hourly Volume	0	0	0	0	0	0	165	30	0	195	20	0	120	0	140	135	150	0	0	285	620
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.7	0.3
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.7	0.3
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.77	0.00	0.82	0.75	0.00	0.87	0.00	0.87	0.82	0.90	0.00	0.00	0.86	0.90

Saturday, January 00, 1900		From North					From East					From South					From West					
	PM Peak Hour	None					Storey Boulevard					Converse Avenue					Storey Boulevard					
	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
PM Peak Hour	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike
		None			Storey Boulevard			Converse Avenue			Storey Boulevard			
	15-Minute Start Time	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Volume
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	1	0	1	1
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		*Page 4 of 11*
Start Date: Saturday, March 29, 2014	Weekend	Schools Not in Session
Total Number of Hours Counted: 1	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

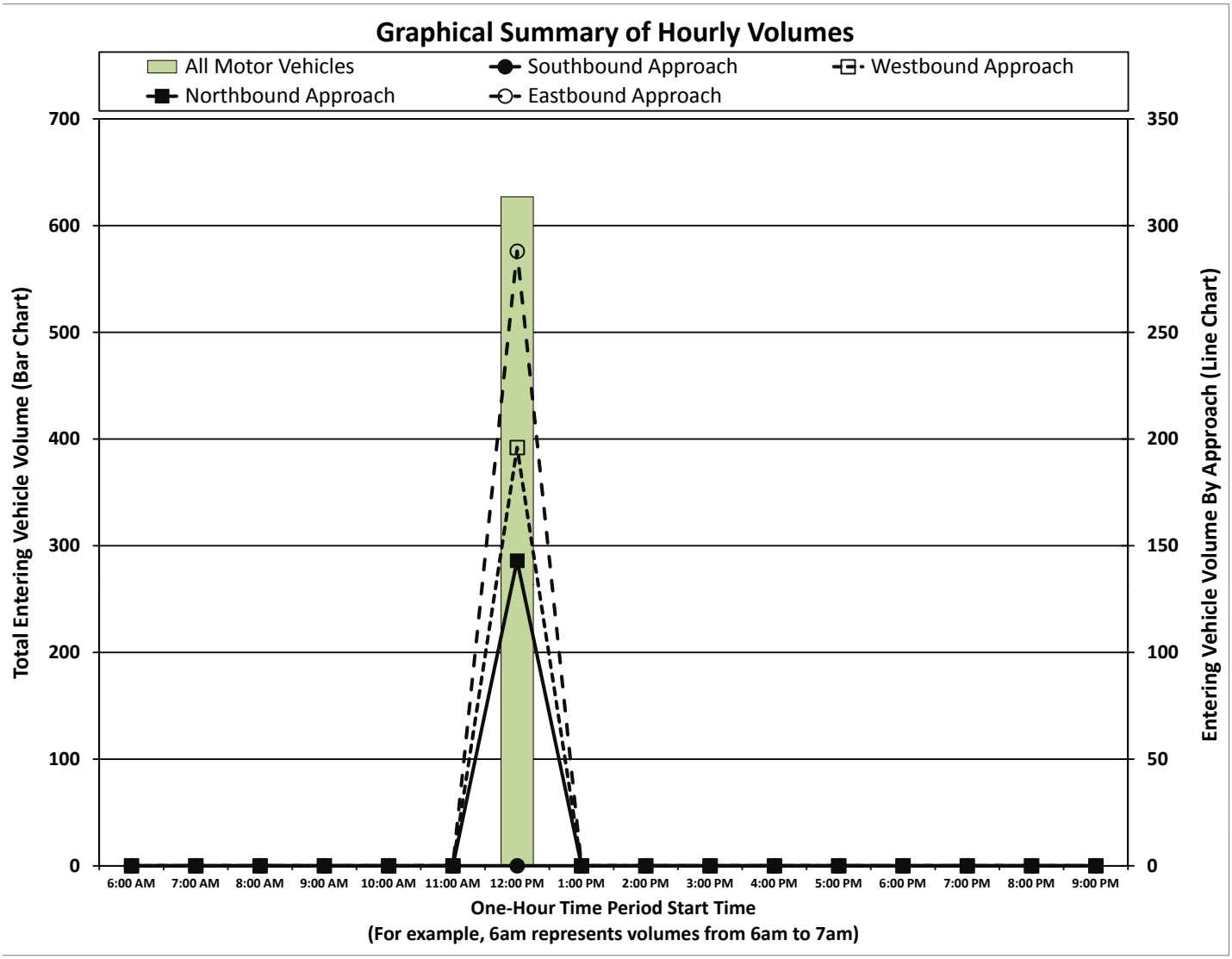
All Motor Vehicles



None and Storey Boulevard

One-Hour Motor Vehicle Data

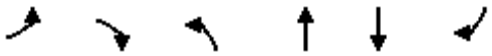
One-Hour Time Period Start Time		From North (↓) None					From East (←) Storey Boulevard					From South (↑) Converse Avenue					From West (→) Storey Boulevard					Total Vehicle Volume	Directional Volume Totals E/W	Directional Volume Totals N/S
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	0	0	0	0	0	0	165	31	0	196	21	0	122	0	143	137	151	0	0	288	627	484	143
	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		0	0	0	0	0	0	165	31	0	196	21	0	122	0	143	137	151	0	0	288	627	484	143



APPENDIX C

SYNCHRO REPORTS
EXISTING CONDITIONS

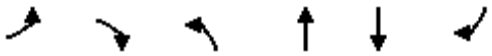
WEEKDAY PM PEAK



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	35	149	128	335	269	39
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.85	0.85	0.90	0.90	0.94	0.94
Hourly flow rate (vph)	41	175	142	372	286	41
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	964	307	328			
vC1, stage 1 conf vol	307					
vC2, stage 2 conf vol	657					
vCu, unblocked vol	964	307	328			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	90	76	88			
cM capacity (veh/h)	424	733	1232			

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	216	514	328
Volume Left	41	142	0
Volume Right	175	0	41
cSH	644	1232	1700
Volume to Capacity	0.34	0.12	0.19
Queue Length 95th (ft)	37	10	0
Control Delay (s)	13.4	3.2	0.0
Lane LOS	B	A	
Approach Delay (s)	13.4	3.2	0.0
Approach LOS	B		

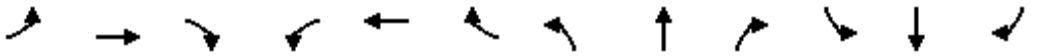
Intersection Summary			
Average Delay	4.3		
Intersection Capacity Utilization	62.4%	ICU Level of Service	B
Analysis Period (min)	15		



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	2	50	35	504	434	6
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.62	0.62	0.95	0.95	0.87	0.87
Hourly flow rate (vph)	3	81	37	531	499	7
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1107	502	506			
vC1, stage 1 conf vol	502					
vC2, stage 2 conf vol	604					
vCu, unblocked vol	1107	502	506			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	86	97			
cM capacity (veh/h)	438	569	1059			

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	84	567	506
Volume Left	3	37	0
Volume Right	81	0	7
cSH	563	1059	1700
Volume to Capacity	0.15	0.03	0.30
Queue Length 95th (ft)	13	3	0
Control Delay (s)	12.5	1.0	0.0
Lane LOS	B	A	
Approach Delay (s)	12.5	1.0	0.0
Approach LOS	B		

Intersection Summary			
Average Delay	1.4		
Intersection Capacity Utilization	65.0%	ICU Level of Service	C
Analysis Period (min)	15		



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	31	349	105	44	208	115	101	165	61	95	126	18
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.2	4.9	4.9	4.2	4.9	4.9	4.2	4.2	4.2	4.2	4.2	4.2
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	1863	1583	1770	1863	1583
Flt Permitted	0.54	1.00	1.00	0.25	1.00	1.00	0.67	1.00	1.00	0.62	1.00	1.00
Satd. Flow (perm)	1000	1863	1583	470	1863	1583	1247	1863	1583	1153	1863	1583
Peak-hour factor, PHF	0.84	0.84	0.84	0.94	0.94	0.94	0.90	0.90	0.90	0.95	0.95	0.95
Adj. Flow (vph)	37	415	125	47	221	122	112	183	68	100	133	19
RTOR Reduction (vph)	0	0	90	0	0	88	0	0	43	0	0	12
Lane Group Flow (vph)	37	415	35	47	221	34	112	183	25	100	133	7
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	24.5	20.9	20.9	23.9	20.6	20.6	32.0	27.1	27.1	31.8	27.0	27.0
Effective Green, g (s)	24.5	20.9	20.9	23.9	20.6	20.6	32.0	27.1	27.1	31.8	27.0	27.0
Actuated g/C Ratio	0.33	0.28	0.28	0.32	0.28	0.28	0.43	0.37	0.37	0.43	0.37	0.37
Clearance Time (s)	4.2	4.9	4.9	4.2	4.9	4.9	4.2	4.2	4.2	4.2	4.2	4.2
Vehicle Extension (s)	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lane Grp Cap (vph)	370	529	449	210	521	443	576	685	582	538	683	580
v/s Ratio Prot	0.00	c0.22		c0.01	0.12		c0.01	c0.10		0.01	0.07	
v/s Ratio Perm	0.03		0.02	0.06		0.02	0.07		0.02	0.07		0.00
v/c Ratio	0.10	0.78	0.08	0.22	0.42	0.08	0.19	0.27	0.04	0.19	0.19	0.01
Uniform Delay, d1	16.8	24.3	19.3	18.0	21.7	19.5	12.6	16.3	14.9	12.6	15.9	14.8
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	7.9	0.1	0.2	0.2	0.0	0.1	1.0	0.1	0.1	0.6	0.0
Delay (s)	16.9	32.2	19.4	18.2	21.9	19.5	12.6	17.2	15.1	12.6	16.5	14.9
Level of Service	B	C	B	B	C	B	B	B	B	B	B	B
Approach Delay (s)		28.4			20.7			15.4			14.9	
Approach LOS		C			C			B			B	

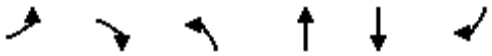
Intersection Summary			
HCM 2000 Control Delay	21.4	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.45		
Actuated Cycle Length (s)	73.6	Sum of lost time (s)	17.5
Intersection Capacity Utilization	50.2%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	387	212	29	266	252	35
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.9	4.9	4.9	4.9	4.2	4.2
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted	1.00	1.00	0.31	1.00	0.95	1.00
Satd. Flow (perm)	1863	1583	578	1863	1770	1583
Peak-hour factor, PHF	0.82	0.82	0.83	0.83	0.86	0.86
Adj. Flow (vph)	472	259	35	320	293	41
RTOR Reduction (vph)	0	165	0	0	0	22
Lane Group Flow (vph)	472	94	35	320	293	19
Turn Type	NA	Perm	Perm	NA	Prot	Perm
Protected Phases	4			8	2	
Permitted Phases		4	8			2
Actuated Green, G (s)	19.5	19.5	19.5	19.5	25.0	25.0
Effective Green, g (s)	19.5	19.5	19.5	19.5	25.0	25.0
Actuated g/C Ratio	0.36	0.36	0.36	0.36	0.47	0.47
Clearance Time (s)	4.9	4.9	4.9	4.9	4.2	4.2
Vehicle Extension (s)	4.0	4.0	4.0	4.0	2.0	2.0
Lane Grp Cap (vph)	677	575	210	677	825	738
v/s Ratio Prot	c0.25			0.17	c0.17	
v/s Ratio Perm		0.06	0.06			0.01
v/c Ratio	0.70	0.16	0.17	0.47	0.36	0.03
Uniform Delay, d1	14.5	11.5	11.5	13.1	9.1	7.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	3.4	0.2	0.5	0.7	1.2	0.1
Delay (s)	17.9	11.7	12.1	13.8	10.3	7.8
Level of Service	B	B	B	B	B	A
Approach Delay (s)	15.7			13.6	10.0	
Approach LOS	B			B	B	

Intersection Summary			
HCM 2000 Control Delay	13.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.50		
Actuated Cycle Length (s)	53.6	Sum of lost time (s)	9.1
Intersection Capacity Utilization	45.6%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

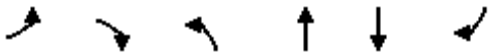
WEEKEND MD PEAK



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	23	130	104	257	304	20
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.74	0.74	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	31	176	120	295	349	23
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	895	361	372			
vC1, stage 1 conf vol	361					
vC2, stage 2 conf vol	534					
vCu, unblocked vol	895	361	372			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	93	74	90			
cM capacity (veh/h)	473	684	1186			

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	207	415	372
Volume Left	31	120	0
Volume Right	176	0	23
cSH	641	1186	1700
Volume to Capacity	0.32	0.10	0.22
Queue Length 95th (ft)	35	8	0
Control Delay (s)	13.3	3.1	0.0
Lane LOS	B	A	
Approach Delay (s)	13.3	3.1	0.0
Approach LOS	B		

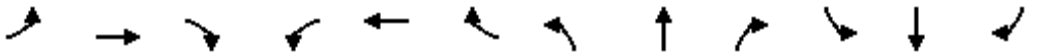
Intersection Summary			
Average Delay	4.1		
Intersection Capacity Utilization	55.8%	ICU Level of Service	B
Analysis Period (min)	15		



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	6	38	29	361	432	8
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.91	0.91	0.88	0.88
Hourly flow rate (vph)	7	41	32	397	491	9
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	956	495	500			
vC1, stage 1 conf vol	495					
vC2, stage 2 conf vol	460					
vCu, unblocked vol	956	495	500			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	93	97			
cM capacity (veh/h)	490	574	1064			

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	48	429	500
Volume Left	7	32	0
Volume Right	41	0	9
cSH	561	1064	1700
Volume to Capacity	0.09	0.03	0.29
Queue Length 95th (ft)	7	2	0
Control Delay (s)	12.0	0.9	0.0
Lane LOS	B	A	
Approach Delay (s)	12.0	0.9	0.0
Approach LOS	B		

Intersection Summary			
Average Delay	1.0		
Intersection Capacity Utilization	52.9%	ICU Level of Service	A
Analysis Period (min)	15		



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	20	154	106	49	162	76	114	157	48	90	143	16
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.2	4.9	4.9	4.2	4.9	4.9	4.2	4.2	4.2	4.2	4.2	4.2
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	1863	1583	1770	1863	1583
Flt Permitted	0.64	1.00	1.00	0.54	1.00	1.00	0.64	1.00	1.00	0.62	1.00	1.00
Satd. Flow (perm)	1187	1863	1583	1000	1863	1583	1199	1863	1583	1153	1863	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.85	0.85	0.85	0.78	0.78	0.78	0.83	0.83	0.83
Adj. Flow (vph)	22	167	115	58	191	89	146	201	62	108	172	19
RTOR Reduction (vph)	0	0	91	0	0	68	0	0	37	0	0	11
Lane Group Flow (vph)	22	167	24	58	191	21	146	201	25	108	172	8
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	14.8	13.7	13.7	19.4	16.0	16.0	32.2	27.3	27.3	31.8	27.1	27.1
Effective Green, g (s)	14.8	13.7	13.7	19.4	16.0	16.0	32.2	27.3	27.3	31.8	27.1	27.1
Actuated g/C Ratio	0.22	0.21	0.21	0.29	0.24	0.24	0.48	0.41	0.41	0.48	0.41	0.41
Clearance Time (s)	4.2	4.9	4.9	4.2	4.9	4.9	4.2	4.2	4.2	4.2	4.2	4.2
Vehicle Extension (s)	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lane Grp Cap (vph)	273	383	325	330	447	380	621	763	648	594	758	644
v/s Ratio Prot	0.00	0.09		c0.01	c0.10		c0.02	c0.11		0.01	0.09	
v/s Ratio Perm	0.02		0.01	0.04		0.01	0.10		0.02	0.07		0.00
v/c Ratio	0.08	0.44	0.07	0.18	0.43	0.06	0.24	0.26	0.04	0.18	0.23	0.01
Uniform Delay, d1	20.4	23.1	21.3	17.4	21.4	19.5	9.7	13.0	11.8	9.7	12.9	11.8
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	1.1	0.1	0.1	0.2	0.0	0.1	0.8	0.1	0.1	0.7	0.0
Delay (s)	20.6	24.2	21.5	17.4	21.7	19.5	9.8	13.8	11.9	9.7	13.6	11.8
Level of Service	C	C	C	B	C	B	A	B	B	A	B	B
Approach Delay (s)		22.9			20.4			12.1			12.1	
Approach LOS		C			C			B			B	

Intersection Summary			
HCM 2000 Control Delay	16.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.32		
Actuated Cycle Length (s)	66.6	Sum of lost time (s)	17.5
Intersection Capacity Utilization	40.3%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group



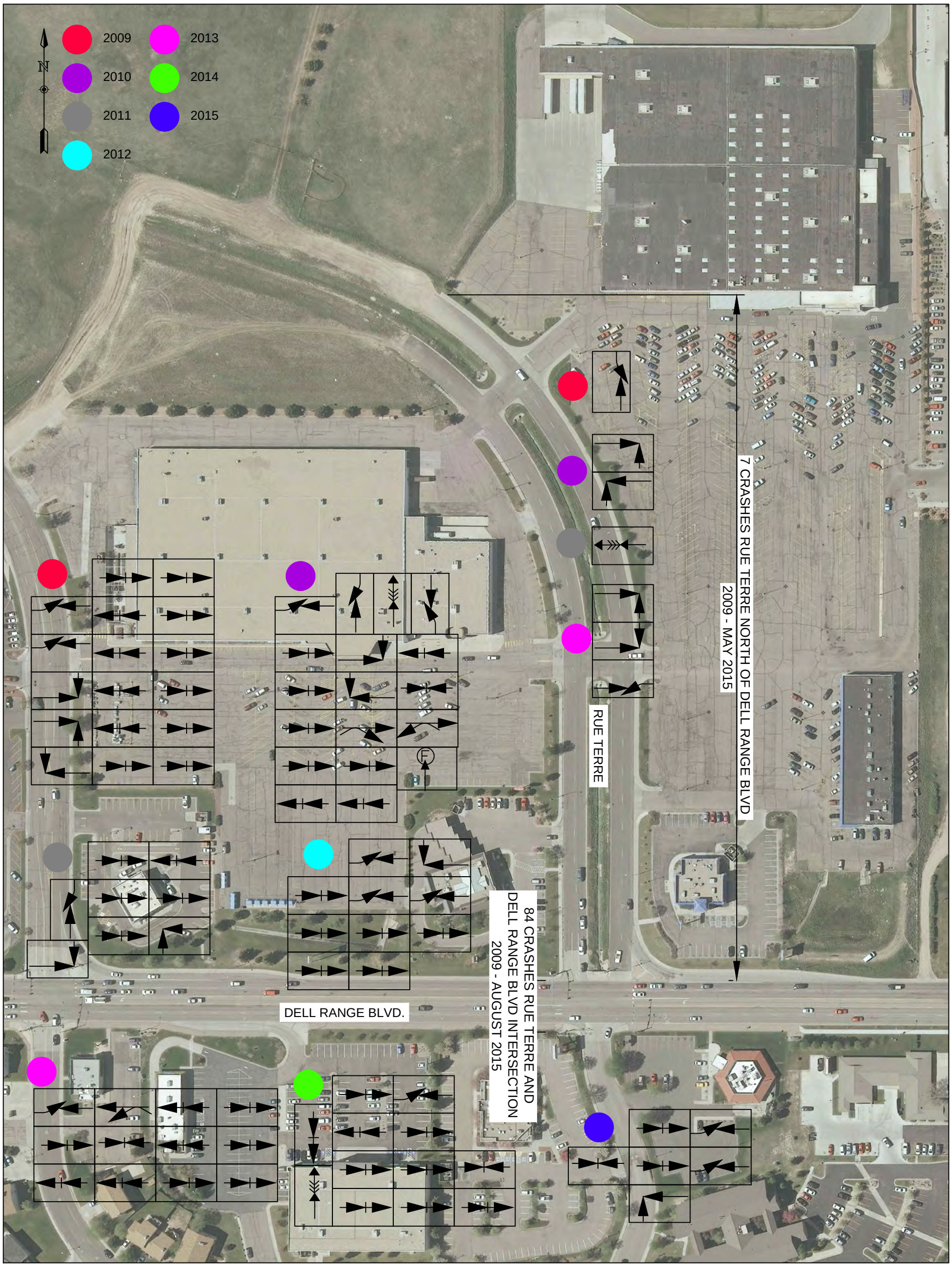
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	151	137	31	165	122	21
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.9	4.9	4.9	4.9	4.2	4.2
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted	1.00	1.00	0.65	1.00	0.95	1.00
Satd. Flow (perm)	1863	1583	1204	1863	1770	1583
Peak-hour factor, PHF	0.86	0.86	0.82	0.82	0.87	0.87
Adj. Flow (vph)	176	159	38	201	140	24
RTOR Reduction (vph)	0	121	0	0	0	10
Lane Group Flow (vph)	176	38	38	201	140	14
Turn Type	NA	Perm	Perm	NA	Prot	Perm
Protected Phases	4			8	2	
Permitted Phases		4	8			2
Actuated Green, G (s)	11.3	11.3	11.3	11.3	26.3	26.3
Effective Green, g (s)	11.3	11.3	11.3	11.3	26.3	26.3
Actuated g/C Ratio	0.24	0.24	0.24	0.24	0.56	0.56
Clearance Time (s)	4.9	4.9	4.9	4.9	4.2	4.2
Vehicle Extension (s)	4.0	4.0	4.0	4.0	2.0	2.0
Lane Grp Cap (vph)	450	383	291	450	996	891
v/s Ratio Prot	0.09			c0.11	c0.08	
v/s Ratio Perm		0.02	0.03			0.01
v/c Ratio	0.39	0.10	0.13	0.45	0.14	0.02
Uniform Delay, d1	14.8	13.8	13.9	15.0	4.8	4.5
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.8	0.2	0.3	1.0	0.3	0.0
Delay (s)	15.6	13.9	14.1	16.0	5.1	4.5
Level of Service	B	B	B	B	A	A
Approach Delay (s)	14.8			15.7	5.0	
Approach LOS	B			B	A	

Intersection Summary			
HCM 2000 Control Delay	12.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.23		
Actuated Cycle Length (s)	46.7	Sum of lost time (s)	9.1
Intersection Capacity Utilization	29.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

APPENDIX D

COLLISION DIAGRAMS AND SUMMARIZED CRASH DATA

RUE TERRE CRASH DIAGRAM



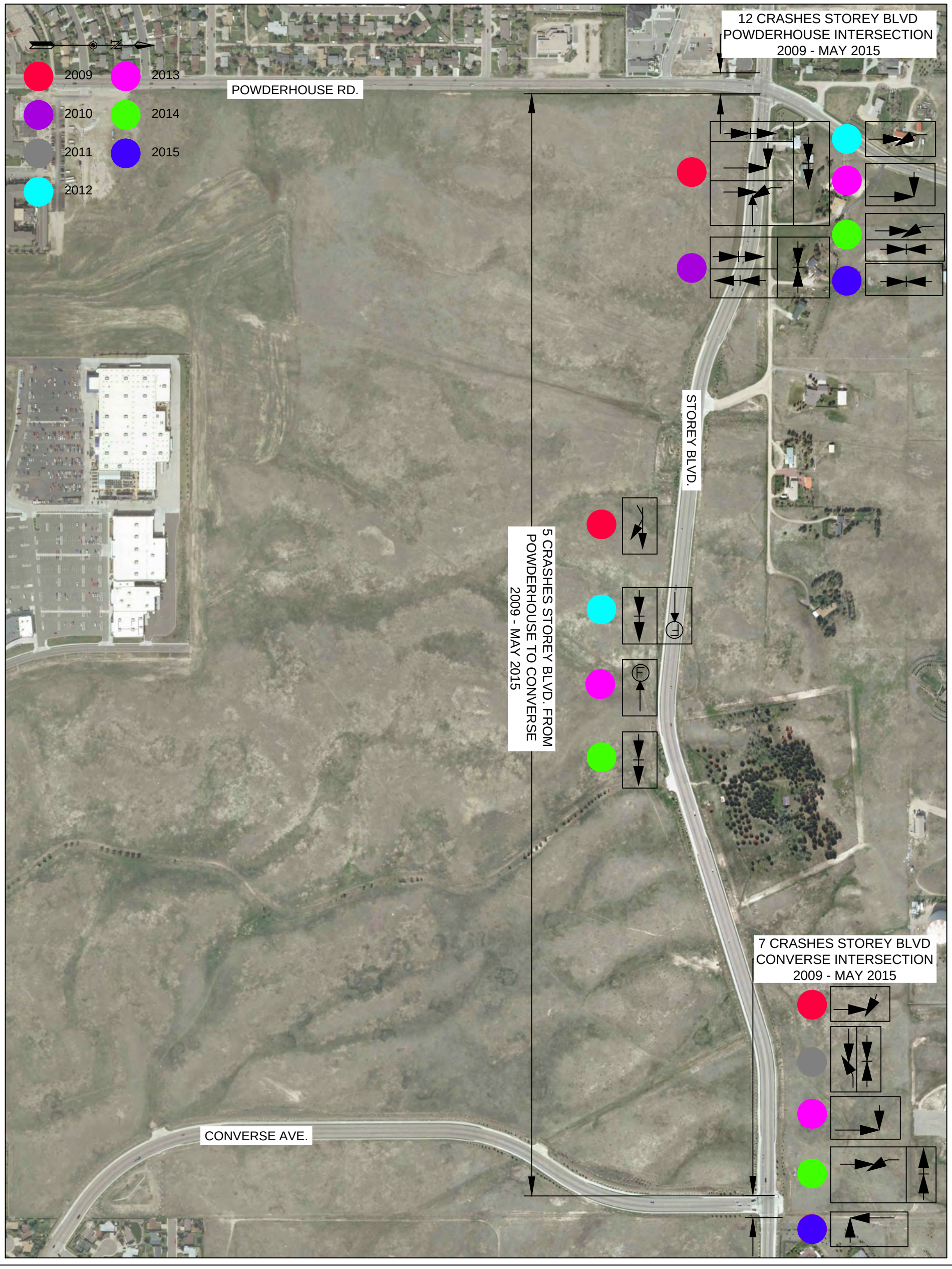
CRASH DATA SUMMARY

SYMBOLS	TYPES OF COLLISIONS	CRASHES PER YEAR	CRASH PATTERN
MOVING VEHICLE BACKING VEHICLE PEDESTRIAN BICYCLIST PARKED VEHICLE Ⓕ FIXED OBJECT Ⓝ NON-FIXED OBJECT Ⓤ UTILITY POLE	ANGLE (RIGHT ANGLE) ANGLE (LEFT TURN) ANGLE (RIGHT TURN) OUT OF CONTROL HEAD-ON REAR-END SIDESWIPE - SAME	2009 19 2010 20 2011 9 2012 10 2013 15 2014 12 2015 6 TOTAL 91	• 2 CRASHES DURING SNOW OR ICE CONDITIONS • 26 CRASHES RESULTING IN INJURIES

* ALL CRASH DATA PROVIDED BY WYDOT, EXACT LOCATIONS OF CRASHES NOT PROVIDED

AYRES ASSOCIATES

STOREY BOULEVARD CRASH DIAGRAM



CRASH DATA SUMMARY

SYMBOLS

- MOVING VEHICLE
- BACKING VEHICLE
- PEDESTRIAN
- BICYCLIST
- PARKED VEHICLE
- (F) FIXED OBJECT
- (N) NON-FIXED OBJECT
- (U) UTILITY POLE

TYPES OF COLLISIONS

- ANGLE (RIGHT ANGLE)
- ANGLE (LEFT TURN)
- ANGLE (RIGHT TURN)
- OUT OF CONTROL
- HEAD-ON
- REAR-END
- SIDESWIPE - SAME

CRASHES PER YEAR

2009	6
2010	3
2011	2
2012	3
2013	2
2014	5
2015	2
TOTAL	23

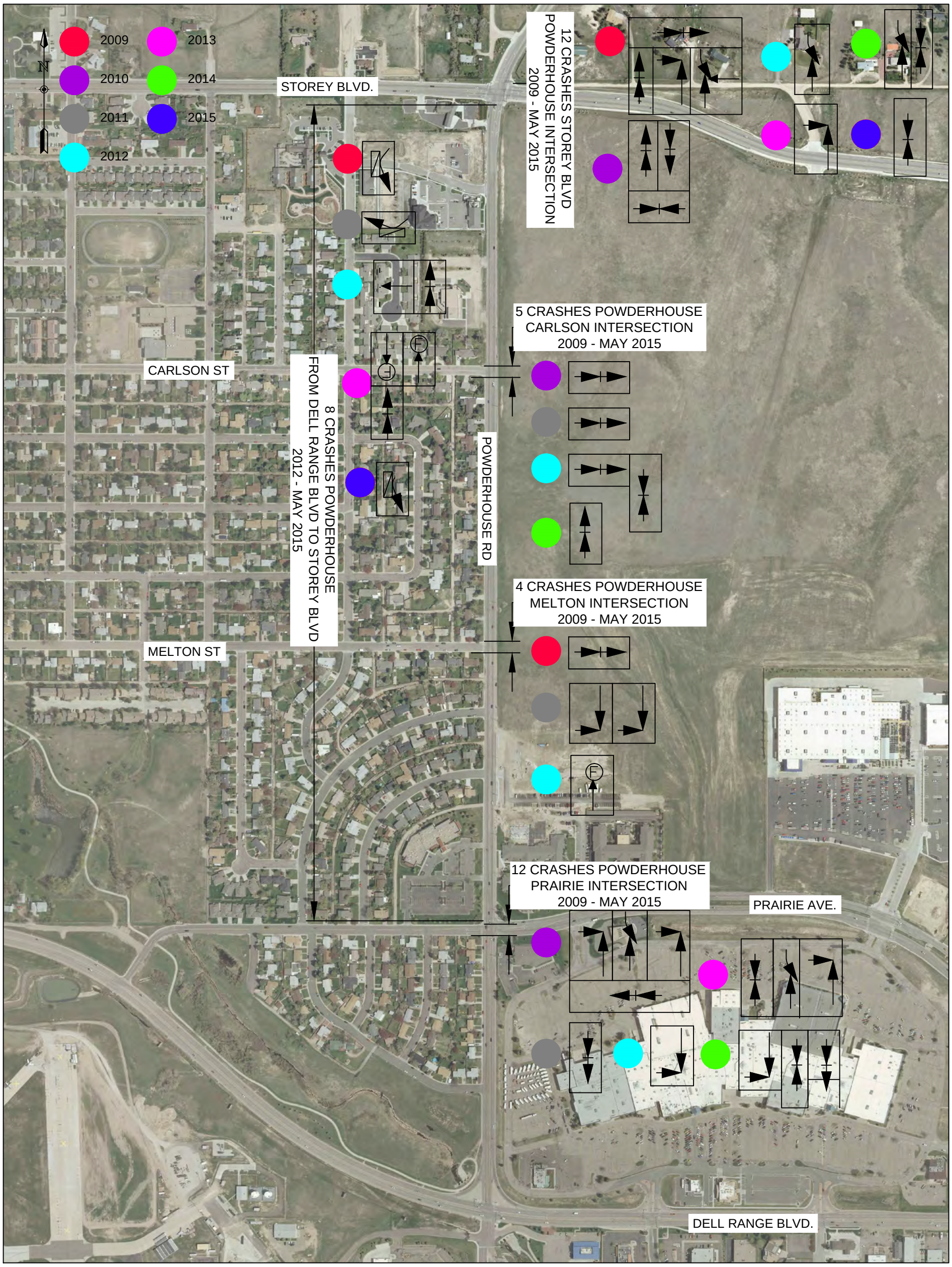
CRASH PATTERN

- 4 CRASHES DURING SNOW OR ICE CONDITIONS
- 7 CRASH RESULTING IN INJURIES

* ALL CRASH DATA PROVIDED BY WYDOT, EXACT LOCATIONS OF CRASHES NOT PROVIDED

AYRES ASSOCIATES

POWDERHOUSE ROAD CRASH DIAGRAM



CRASH DATA SUMMARY

SYMBOLS

- MOVING VEHICLE
- BACKING VEHICLE
- PEDESTRIAN
- BICYCLIST
- PARKED VEHICLE
- (F) FIXED OBJECT
- (N) NON-FIXED OBJECT
- (U) UTILITY POLE

TYPES OF COLLISIONS

- ANGLE (RIGHT ANGLE)
- ANGLE (LEFT TURN)
- ANGLE (RIGHT TURN)
- OUT OF CONTROL
- HEAD-ON
- REAR-END
- SIDESWIPE - SAME

CRASHES PER YEAR

2009	6
2010	8
2011	5
2012	7
2013	7
2014	6
2015	2
TOTAL	41

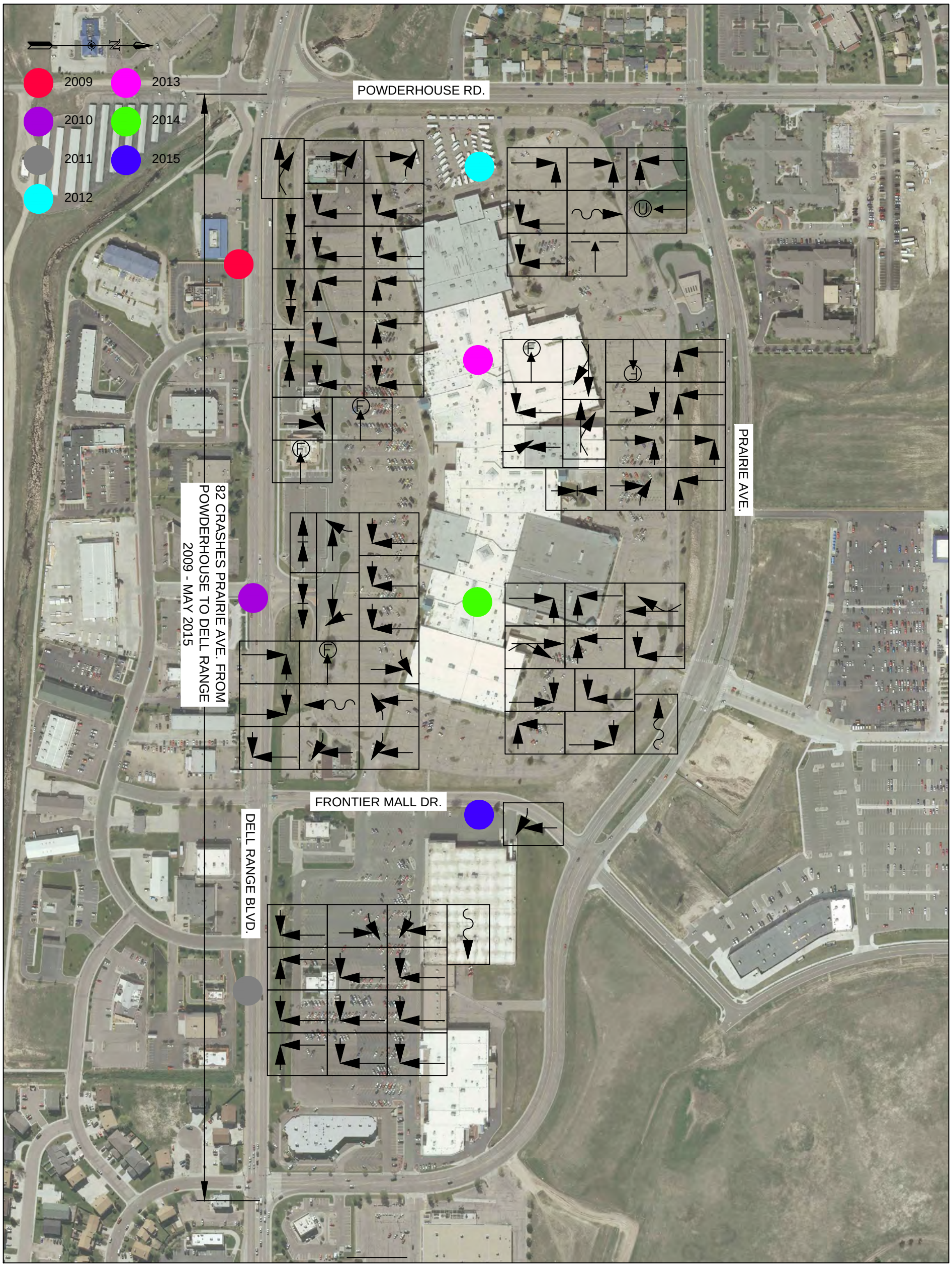
CRASH PATTERN

- 8 CRASHES DURING SNOW OR ICE CONDITIONS
- 10 CRASHES RESULTING IN INJURIES

* ALL CRASH DATA PROVIDED BY WYDOT, EXACT LOCATIONS OF CRASHES NOT PROVIDED

AYRES ASSOCIATES

PRAIRIE AVENUE CRASH DIAGRAM



CRASH DATA SUMMARY

SYMBOLS

- MOVING VEHICLE
- BACKING VEHICLE
- PEDESTRIAN
- BICYCLIST
- PARKED VEHICLE
- (F) FIXED OBJECT
- (N) NON-FIXED OBJECT
- (U) UTILITY POLE

TYPES OF COLLISIONS

- ANGLE (RIGHT ANGLE)
- ANGLE (LEFT TURN)
- ANGLE (RIGHT TURN)
- OUT OF CONTROL
- HEAD-ON
- REAR-END
- SIDESWIPE - SAME

CRASHES PER YEAR

2009	19
2010	16
2011	13
2012	8
2013	14
2014	11
2015	1
TOTAL	82

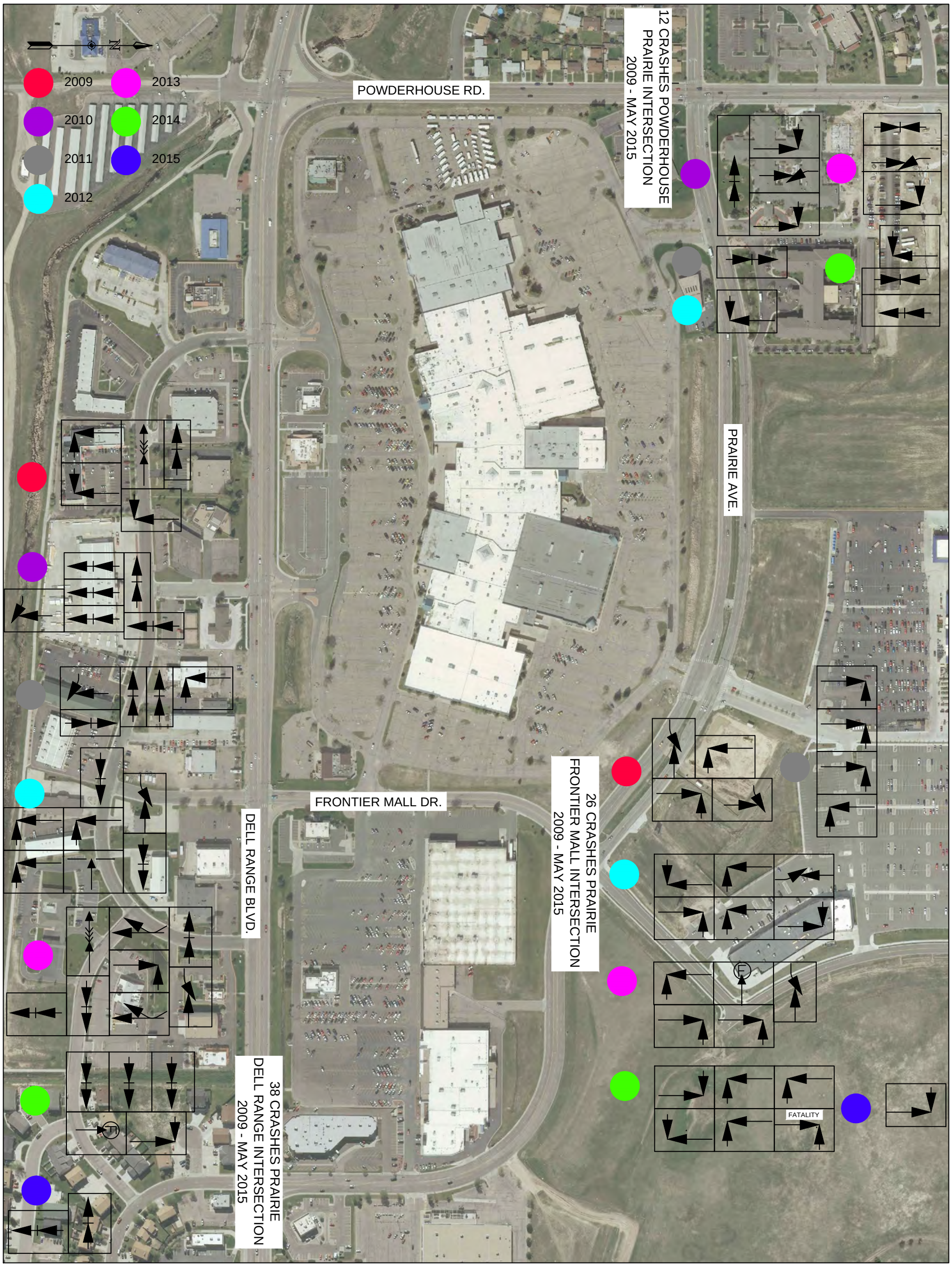
CRASH PATTERN

- 8 CRASHES DURING SNOW OR ICE CONDITIONS
- 26 CRASHES RESULTING IN INJURIES

* ALL CRASH DATA PROVIDED BY WYDOT, EXACT LOCATIONS OF CRASHES NOT PROVIDED

AYRES ASSOCIATES

PRAIRIE AVENUE INTERSECTIONS CRASH DIAGRAM



CRASH DATA SUMMARY

SYMBOLS

- MOVING VEHICLE
- BACKING VEHICLE
- PEDESTRIAN
- BICYCLIST
- PARKED VEHICLE
- (F) FIXED OBJECT
- (N) NON-FIXED OBJECT
- (U) UTILITY POLE

TYPES OF COLLISIONS

- ANGLE (RIGHT ANGLE)
- ANGLE (LEFT TURN)
- ANGLE (RIGHT TURN)
- OUT OF CONTROL
- HEAD-ON
- REAR-END
- SIDESWIPE - SAME

CRASHES PER YEAR

2009	9
2010	10
2011	10
2012	14
2013	16
2014	14
2015	3
TOTAL	76

CRASH PATTERN

- 9 CRASHES DURING SNOW OR ICE CONDITIONS
- 20 CRASHES RESULTING IN INJURIES
- 1 CRASH RESULTING IN A FATALITY

* ALL CRASH DATA PROVIDED BY WYDOT, EXACT LOCATIONS OF CRASHES NOT PROVIDED

AYRES ASSOCIATES

ROADWAY CRASH STATISTICS

ROADWAY: POWDERHOUSE RD. FROM PRAIRIE AVE. TO STOREY BLVD.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 6 YEARS 4 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

ROADWAY CHARACTERISTICS

ROADWAY TYPE: URBAN STREET
CLASSIFICATION: MINOR ARTERIAL
CROSS SECTION: TWO LANE UNDIVIDED
DEER CRASHES INCLUDED IN ANALYSIS: NO
SEGMENT LENGTH (MI): 0.7
AREA TYPE: URBAN
ROADWAY AADT (2004): 10,625
POSTED SPEED: 40

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	1	0	0	1
2010	0	0	0	0
2011	0	0	0	0
2012	1	1	0	2
2013	3	0	0	3
2014	0	0	0	0
2015	1	0	0	1
TOTAL	6	1	0	7
PERCENT	85.7%	14.3%	0.0%	100.0%
YEAR AVG.	0.95	0.16	0.00	1.11

ROAD CONDITIONS		%
DRY	5	71.4%
WET	1	14.3%
SNOW	1	14.3%
ICE	0	0.0%
OTHER	0	0.0%
TOTAL	7	100.0%

CRASH TYPE		%
ANGLE	0	0.0%
REAR-END	2	28.6%
HEAD-ON	0	0.0%
SS-SAME	2	28.6%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	3	42.9%
TOTAL	7	100.0%

LIGHT CONDITIONS		%
DAY	6	85.7%
DARK	1	14.3%
TOTAL	7	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	1	1	0	2	
TUESDAY	0	0	1	1	0	2	
WEDNESDAY	0	0	0	0	0	0	*Weekday*
THURSDAY	0	0	0	1	0	1	
FRIDAY	0	0	0	0	0	0	
SATURDAY	0	0	0	1	0	1	*Weekend*
SUNDAY	0	0	1	0	0	1	
TOTAL	0	0	3	4	0	7	

Notes:

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ROADWAY CRASH DATA

ROADWAY: POWDERHOUSE RD. FROM PRAIRIE AVE. TO STOREY BLVD.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 6 YEARS 4 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

CRASH DETAILS

REF. NUMBER	LABEL	DATE	DAY OF WEEK	TIME OF DAY	SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
2009111117		7/28/2009	TUESDAY	5 PM	PDO	SSS	PARKED MV	DAY	DRY
201211731		9/1/2012	SATURDAY	4 PM	INJ	UNKNOWN	PEDACYCLE	DAY	DRY
201215679		11/29/2012	THURSDAY	6 PM	PDO	REAR-END	MV IN TRANS.	DUSK	DRY
201302398		2/24/2013	SUNDAY	11 AM	PDO	OTHER	FENCE	DAY	SNOW
201303978		3/25/2013	MONDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201311400		9/9/2013	MONDAY	5 PM	PDO	OTHER	OTHER NOT-FIXED	DAY	WET
201504751		4/21/2015	TUESDAY	11 AM	PDO	SSS	MV IN TRANS.	DAY	DRY

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ROADWAY CRASH STATISTICS

ROADWAY: PRAIRIE AVE. FROM POWDERHOUSE RD TO DELL RANGE BLVD.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 3 YEARS 4 MONTHS FROM: 1/1/2012 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

ROADWAY CHARACTERISTICS

ROADWAY TYPE: URBAN STREET
CLASSIFICATION: MINOR ARTERIAL
CROSS SECTION:
DEER CRASHES INCLUDED IN ANALYSIS: NO
SEGMENT LENGTH (MI): 0.8
AREA TYPE: URBAN
ROADWAY AADT (2004): 11,444
POSTED SPEED: 40

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	14	5	0	19
2010	12	4	0	16
2011	9	4	0	13
2012	4	4	0	8
2013	7	7	0	14
2014	9	2	0	11
2015	1	0	0	1
TOTAL	56	26	0	82
PERCENT	68.3%	31.7%	0.0%	100.0%
YEAR AVG.	16.81	7.80	0.00	24.61

ROAD CONDITIONS		%
DRY	68	82.9%
WET	6	7.3%
SNOW	5	6.1%
ICE	3	3.7%
OTHER	0	0.0%
TOTAL	82	100.0%

CRASH TYPE		%
ANGLE	60	73.2%
REAR-END	3	3.7%
HEAD-ON	2	2.4%
SS-SAME	5	6.1%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	12	14.6%
TOTAL	82	100.0%

LIGHT CONDITIONS		%
DAY	66	80.5%
DARK	16	19.5%
TOTAL	82	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	9	3	1	13	
TUESDAY	1	1	7	7	2	18	
WEDNESDAY	0	1	4	3	1	9	*Weekday*
THURSDAY	0	2	4	3	0	9	
FRIDAY	0	1	9	3	1	14	
SATURDAY	0	0	6	4	0	10	*Weekend*
SUNDAY	0	1	5	2	1	9	
TOTAL	1	6	44	25	6	82	

ROADWAY CRASH DATA

AYRES ASSOCIATES

ROADWAY: PRAIRIE AVE. FROM POWDERHOUSE RD TO DELL RANGE BLVD.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 3 YEARS 4 MONTHS FROM: 1/1/2012 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

CRASH DETAILS

REF. NUMBER	LABEL	DATE	DAY OF WEEK	TIME OF DAY	SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
01974		1/10/2009	SATURDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
02307		1/19/2009	MONDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
03592		2/10/2009	TUESDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
04459		3/5/2009	THURSDAY	8 AM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
04668		3/10/2009	TUESDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
05228		3/24/2009	TUESDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
05212		3/26/2009	THURSDAY	5 PM	PDO	OTHER	FENCE	DUSK	SNOW
05438		4/13/2009	MONDAY	12 PM	PDO	OTHER	CULVERT	DAY	DRY
07227		5/12/2009	TUESDAY	9 PM	PDO	ANGLE	MV IN TRANS.	DARK LT	DRY
07631		5/22/2009	FRIDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
09118		6/20/2009	SATURDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
08970		6/28/2009	SUNDAY	1 PM	PDO	OTHER	MV IN TRANS.	DAY	DRY
09779		7/7/2009	TUESDAY	5 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
13547		9/23/2009	WEDNESDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
13689		9/29/2009	TUESDAY	2 PM	INJ	HEAD-ON	MV IN TRANS.	DAY	DRY
15185		10/13/2009	TUESDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DAY	WET
16762		10/18/2009	SUNDAY	5 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
19333		11/27/2009	FRIDAY	8 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
19581		12/5/2009	SATURDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
01144		1/2/2010	SATURDAY	10 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
04562		4/15/2010	THURSDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
05747		4/22/2010	THURSDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	WET
05235		4/28/2010	WEDNESDAY	3 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
06401		5/9/2010	SUNDAY	2 PM	INJ	OTHER	CURB	DAY	DRY
06475		5/10/2010	MONDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
10281		7/23/2010	FRIDAY	9 PM	PDO	ANGLE	MV IN TRANS.	DARK LT	DRY
12653		9/1/2010	WEDNESDAY	11 AM	INJ	OTHER	OTHER NO C	DAY	DRY
13379		9/13/2010	MONDAY	1 PM	INJ	REAR-END	MV IN TRANS.	DAY	DRY
12574		9/19/2010	SUNDAY	7 PM	PDO	SSS	MV IN TRANS.	DUSK	DRY
13789		9/25/2010	SATURDAY	6 PM	INJ	ANGLE	MV IN TRANS.	DUSK	DRY
14999		11/3/2010	WEDNESDAY	10 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
15726		11/6/2010	SATURDAY	6 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
15308		11/8/2010	MONDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
16325		11/11/2010	THURSDAY	11 AM	PDO	ANGLE	MV IN TRANS.	DAY	SNOW
16090		11/14/2010	SUNDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	WET
00334		1/7/2011	FRIDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
01412		1/23/2011	SUNDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
02723		2/2/2011	WEDNESDAY	9 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
03330		2/15/2011	TUESDAY	6 PM	INJ	ANGLE	MV IN TRANS.	DUSK	DRY
04994		4/4/2011	MONDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
06864		5/13/2011	FRIDAY	1 PM	INJ	NO C	OTHER NO C	DAY	DRY
10964		8/16/2011	TUESDAY	6 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY

ROADWAY CRASH DETAILS (CONT'D)

ROADWAY: PRAIRIE AVE. FROM POWDERHOUSE RD TO DELL RANGE BLVD.

AYRES ASSOCIATES

REF. NUMBER	LABEL	DATE	DAY OF WEEK	TIME OF DAY	SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
14266		10/8/2011	SATURDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	SNOW
15134		10/30/2011	SUNDAY	9 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
14656		10/31/2011	MONDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
16793		12/6/2011	TUESDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	ICE
17223		12/12/2011	MONDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	WET
17574		12/18/2011	SUNDAY	6 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
1636		1/31/2012	TUESDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
2788		2/24/2012	FRIDAY	5 PM	INJ	ANGLE	MV IN TRANS.	DUSK	DRY
3612		3/16/2012	FRIDAY	11 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
5723		5/7/2012	MONDAY	12 PM	INJ	OTHER	OTHER NO C	DAY	DRY
7009		6/1/2012	FRIDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
10282		7/25/2012	WEDNESDAY	7 PM	INJ	OTHER	PEDACYCLE	DAY	DRY
14545		10/19/2012	FRIDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
14409		11/6/2012	TUESDAY	11 PM	INJ	OTHER	LIGHT POLE	DARK LT	DRY
267		1/1/2013	TUESDAY	5 AM	INJ	OTHER	MEDIAN BARRIER	DARK LT	DRY
3214		3/2/2013	SATURDAY	4 PM	PDO	SSS	MV IN TRANS.	DAY	DRY
4357		3/11/2013	MONDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
4926		4/16/2013	TUESDAY	12 PM	PDO	OTHER	CURB	DAY	SNOW
7777		6/9/2013	SUNDAY	11 AM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
7774		6/20/2013	THURSDAY	8 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
8795		7/12/2013	FRIDAY	2 PM	PDO	SSS	MV IN TRANS.	DAY	DRY
9486		7/29/2013	MONDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
9946		8/8/2013	THURSDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
11525		9/12/2013	THURSDAY	11 AM	INJ	ANGLE	MV IN TRANS.	DAY	WET
13549		10/22/2013	TUESDAY	9 AM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
13887		10/30/2013	WEDNESDAY	5 PM	INJ	ANGLE	MV IN TRANS.	DUSK	DRY
16573		12/10/2013	TUESDAY	2 PM	INJ	ANGLE	MV IN TRANS.	DAY	SNOW
16586		12/10/2013	TUESDAY	1 PM	INJ	HEAD-ON	MV IN TRANS.	DAY	ICE
01949		2/7/2014	FRIDAY	1 PM	INJ	ANGLE	MV IN TRANS.	DAY	WET
02527		2/13/2014	THURSDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
04287		3/21/2014	FRIDAY	2 PM	PDO	SSS	MV IN TRANS.	DAY	DRY
05420		4/16/2014	WEDNESDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
08483		7/2/2014	WEDNESDAY	4 PM	PDO	SSS	MV IN TRANS.	DAY	DRY
09648		7/26/2014	SATURDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
10570		8/11/2014	MONDAY	11 PM	INJ	OTHER	OTHER NO C	DARK LT	DRY
11774		9/9/2014	TUESDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
13498		10/10/2014	FRIDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
15363		11/17/2014	MONDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
17627		12/26/2014	FRIDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	ICE
02788		3/7/2015	SATURDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY

ROADWAY CRASH STATISTICS

ROADWAY: RUE TERRE NORTH OF DELL RANGE BLVD.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 3 YEARS 4 MONTHS FROM: 1/1/2012 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

ROADWAY CHARACTERISTICS

ROADWAY TYPE: URBAN STREET
CLASSIFICATION: MINOR COLLECTOR
CROSS SECTION:
DEER CRASHES INCLUDED IN ANALYSIS: NO
SEGMENT LENGTH (MI): 0.2
AREA TYPE: URBAN
ROADWAY AADT (2004):
POSTED SPEED: 30

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	0	1	0	1
2010	2	0	0	2
2011	1	0	0	1
2012	0	0	0	0
2013	3	0	0	3
2014	0	0	0	0
2015	0	0	0	0
TOTAL	6	1	0	7
PERCENT	85.7%	14.3%	0.0%	100.0%
YEAR AVG.	1.80	0.30	0.00	2.10

ROAD CONDITIONS		%
DRY	5	71.4%
WET	1	14.3%
SNOW	0	0.0%
ICE	1	14.3%
OTHER	0	0.0%
TOTAL	7	100.0%

CRASH TYPE		%
ANGLE	6	85.7%
REAR-END	0	0.0%
HEAD-ON	0	0.0%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	1	14.3%
TOTAL	7	100.0%

LIGHT CONDITIONS		%
DAY	6	85.7%
DARK	1	14.3%
TOTAL	7	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	0	0	0	0	
TUESDAY	0	0	0	0	0	0	
WEDNESDAY	0	0	1	0	0	1	*Weekday*
THURSDAY	0	0	0	1	0	1	
FRIDAY	0	0	2	0	0	2	
SATURDAY	0	0	1	0	1	2	*Weekend*
SUNDAY	0	0	1	0	0	1	
TOTAL	0	0	5	1	1	7	

EXHIBIT E5
ROADWAY CRASH STATISTICS
RUE TERRE NORTH OF DELL RANGE BLVD.

Q:\32-1713 Dell Range\Section 20\Traffic Crash Data\Segments\[Rue Terre Segment Crash Statistics.xls]SEGMENT

ROADWAY CRASH DATA

ROADWAY: RUE TERRE NORTH OF DELL RANGE BLVD.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 3 YEARS 4 MONTHS FROM: 1/1/2012 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

CRASH DETAILS

REF. NUMBER	LABEL	DATE	DAY OF WEEK	TIME OF DAY	SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
19924		12/19/2009	SATURDAY	11 AM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
13897		10/1/2010	FRIDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	WET
15281		10/30/2010	SATURDAY	8 PM	PDO	ANGLE	MV IN TRANS.	DARK LT	DRY
07884		6/10/2011	FRIDAY	10 AM	PDO	OTHER	MV IN TRANS.	DAY	DRY
5885		5/2/2013	THURSDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
13983		10/30/2013	WEDNESDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
16702		12/8/2013	SUNDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	ICE

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ROADWAY CRASH STATISTICS

ROADWAY: STOREY BLVD. FROM POWDERHOUSE RD. TO CONVERSE AVE.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 6 YEARS 4 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

ROADWAY CHARACTERISTICS

ROADWAY TYPE: URBAN STREET
CLASSIFICATION: MINOR ARTERIAL
CROSS SECTION: TWO LANE UNDIVIDED
DEER CRASHES INCLUDED IN ANALYSIS: NO
SEGMENT LENGTH (MI): 1
AREA TYPE: URBAN
ROADWAY AADT (2004): 11,495
POSTED SPEED: 40

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	1	0	0	1
2010	0	0	0	0
2011	0	0	0	0
2012	2	0	0	2
2013	0	1	0	1
2014	1	0	0	1
2015	0	0	0	0
TOTAL	4	1	0	5
PERCENT	80.0%	20.0%	0.0%	100.0%
YEAR AVG.	0.63	0.16	0.00	0.79

ROAD CONDITIONS		%
DRY	3	60.0%
WET	1	20.0%
SNOW	0	0.0%
ICE	0	0.0%
OTHER	1	20.0%
TOTAL	5	100.0%

CRASH TYPE		%
ANGLE	0	0.0%
REAR-END	2	40.0%
HEAD-ON	0	0.0%
SS-SAME	1	20.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	2	40.0%
TOTAL	5	100.0%

LIGHT CONDITIONS		%
DAY	4	80.0%
DARK	1	20.0%
TOTAL	5	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	0	1	0	1	
TUESDAY	0	0	1	0	0	1	
WEDNESDAY	0	0	1	0	0	1	*Weekday*
THURSDAY	0	0	0	0	0	0	
FRIDAY	0	1	0	0	0	1	
SATURDAY	1	0	0	0	0	1	*Weekend*
SUNDAY	0	0	0	0	0	0	
TOTAL	1	1	2	1	0	5	

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ROADWAY CRASH DATA

ROADWAY: STOREY BLVD. FROM POWDERHOUSE RD. TO CONVERSE AVE.
MUNICIPALITY: CHEYENNE COUNTY: LARAMIE STATE: WY
PERIOD: 6 YEARS 4 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	PREPARED BY: SMC	DATE: 10/13/2015

CRASH DETAILS

REF. NUMBER	LABEL	DATE	DAY OF WEEK	TIME OF DAY	SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
200904423		3/6/2009	FRIDAY	9 AM	PDO	SSS	MV IN TRANS.	DAY	DRY
201204614		4/9/2012	MONDAY	6 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201205899		5/5/2012	SATURDAY	1 AM	PDO	OTHER	CURB	DARK LT	OTHER
201309631		6/18/2013	TUESDAY	12 PM	INJ	OTHER	FENCE	DAY	DRY
201401436		1/29/2014	WEDNESDAY	10 AM	PDO	REAR-END	MV IN TRANS.	DAY	WET

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Powderhouse Rd. and Prairie Ave.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 40
POSTED SPEED MINOR: 30

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	0	0	0	0
2010	2	2	0	4
2011	1	0	0	1
2012	1	0	0	1
2013	4	2	0	6
2014	2	4	0	6
2015	0	0	0	0
TOTAL	10	8	0	18
PERCENT	55.6%	44.4%	0.0%	100.0%
YEAR AVG.	1.58	1.26	0.00	2.84

ROAD CONDITIONS		%
DRY	9	75.0%
WET	1	8.3%
SNOW	1	8.3%
ICE	1	8.3%
OTHER	0	0.0%
TOTAL	12	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	4	22.2%
HEAD-ON	4	22.2%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	10	55.6%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	0	0.0%
TOTAL	18	100.0%

LIGHT CONDITIONS		%
DAY	15	83.3%
DARK	3	16.7%
TOTAL	18	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	1	0	0	0	1	Weekday
TUESDAY	0	0	6	0	0	6	
WEDNESDAY	0	1	2	0	0	3	
THURSDAY	0	0	0	1	0	1	
FRIDAY	0	3	2	1	0	6	
SATURDAY	0	0	0	0	1	1	Weekend
SUNDAY	0	0	0	0	0	0	
TOTAL	0	5	10	2	1	18	

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Powderhouse Rd. and Prairie Ave.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: 0
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
201005546	5/7/2010	FRIDAY	7 AM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
201007470	5/31/2010	MONDAY	9 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
201006798	6/2/2010	WEDNESDAY	9 AM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201016728	11/26/2010	FRIDAY	4 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
201102753	2/10/2011	THURSDAY	3 PM	PDO	REAR-END	MV IN TRANS.	DAY	WET
201207541	6/16/2012	SATURDAY	9 PM	PDO	ANGLE	MV IN TRANS.	DARK LT	DRY
201305887	5/3/2013	FRIDAY	1 PM	PDO	HEAD-ON	MV IN TRANS.	DAY	DRY
201309363	7/24/2013	WEDNESDAY	10 AM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
201316565	12/10/2013	TUESDAY	11 AM	PDO	ANGLE	MV IN TRANS.	DAY	SNOW
201400304	1/10/2014	FRIDAY	6 AM	PDO	ANGLE	MV IN TRANS.	DARK LT	DRY
201402074	2/11/2014	TUESDAY	10 AM	INJ	HEAD-ON	MV IN TRANS.	DAY	DRY
201417941	12/30/2014	TUESDAY	2 PM	INJ	REAR-END	MV IN TRANS.	DAY	ICE

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Powderhouse Rd. and Melton St.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 35
POSTED SPEED MINOR: 30

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	1	0	0	1
2010	0	0	0	0
2011	1	1	0	2
2012	1	0	0	1
2013	0	0	0	0
2014	0	0	0	0
2015	0	0	0	0
TOTAL	3	1	0	4
PERCENT	75.0%	25.0%	0.0%	100.0%
YEAR AVG.	0.47	0.16	0.00	0.63

ROAD CONDITIONS		%
DRY	0	0.0%
WET	0	0.0%
SNOW	2	50.0%
ICE	2	50.0%
OTHER	0	0.0%
TOTAL	4	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	1	25.0%
HEAD-ON	0	0.0%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	2	50.0%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	1	25.0%
TOTAL	4	100.0%

LIGHT CONDITIONS		%
DAY	3	75.0%
DARK	1	25.0%
TOTAL	4	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	0	0	0	0	
TUESDAY	0	0	0	0	1	1	
WEDNESDAY	0	0	2	0	0	2	*Weekday*
THURSDAY	0	0	0	0	0	0	
FRIDAY	0	0	0	0	0	0	
SATURDAY	0	0	1	0	0	1	*Weekend*
SUNDAY	0	0	0	0	0	0	
TOTAL	0	0	3	0	1	4	

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INTERSECTION CRASH STATISTICS

INTERSECTION:	Powderhouse Rd. and Melton St.						
MUNICIPALITY:	Cheyenne			COUNTY:	Laramie	STATE:	0
PERIOD:	6.5 YEARS	0 MONTHS		FROM:	1/1/2009	TO:	5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
200920058	12/26/2009	SATURDAY	2 PM	PDO	REAR-END	MV IN TRANS.	DAY	SNOW
201100932	1/19/2011	WEDNESDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	ICE
201101049	1/19/2011	WEDNESDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	ICE
201216604	12/18/2012	TUESDAY	9 PM	PDO	UNKNOWN	UTILITY POLE	DARK LT	SNOW

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Powderhouse Rd. and Carlson St.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 35
POSTED SPEED MINOR: 30

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	0	0	0	0
2010	1	0	0	1
2011	1	0	0	1
2012	2	0	0	2
2013	0	0	0	0
2014	1	0	0	1
2015	0	0	0	0
TOTAL	5	0	0	5
PERCENT	100.0%	0.0%	0.0%	100.0%
YEAR AVG.	0.79	0.00	0.00	0.79

ROAD CONDITIONS		%
DRY	5	100.0%
WET	0	0.0%
SNOW	0	0.0%
ICE	0	0.0%
OTHER	0	0.0%
TOTAL	5	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	4	80.0%
HEAD-ON	1	20.0%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	0	0.0%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	0	0.0%
TOTAL	5	100.0%

LIGHT CONDITIONS		%
DAY	3	60.0%
DARK	2	40.0%
TOTAL	5	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	0	0	0	0	
TUESDAY	0	1	0	1	0	2	
WEDNESDAY	0	0	0	0	1	1	*Weekday*
THURSDAY	0	0	0	0	0	0	
FRIDAY	0	1	1	0	0	2	
SATURDAY	0	0	0	0	0	0	*Weekend*
SUNDAY	0	0	0	0	0	0	
TOTAL	0	2	1	1	1	5	

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INTERSECTION CRASH STATISTICS

INTERSECTION:	Powderhouse Rd. and Carlson St.						
MUNICIPALITY:	Cheyenne			COUNTY:	Laramie	STATE:	0
PERIOD:	6.5	YEARS	0	MONTHS	FROM: 1/1/2009	TO: 5/1/2015	

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
201005421	4/16/2010	FRIDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201107294	5/31/2011	TUESDAY	3 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201211105	9/4/2012	TUESDAY	7 AM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201215197	11/16/2012	FRIDAY	8 AM	PDO	HEAD-ON	MV IN TRANS.	DAWN	DRY
201414471	10/29/2014	WEDNESDAY	7 PM	PDO	REAR-END	MV IN TRANS.	DUSK	DRY

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Powderhouse Road and Storey Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 40
POSTED SPEED MINOR: 35

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	4	0	0	4
2010	3	0	0	3
2011	0	0	0	0
2012	0	1	0	1
2013	0	1	0	1
2014	0	2	0	2
2015	1	0	0	1
TOTAL	8	4	0	12
PERCENT	66.7%	33.3%	0.0%	100.0%
YEAR AVG.	1.26	0.63	0.00	1.90

ROAD CONDITIONS		%
DRY	10	83.3%
WET	1	8.3%
SNOW	1	8.3%
ICE	0	0.0%
OTHER	0	0.0%
TOTAL	12	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	4	33.3%
HEAD-ON	3	25.0%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	5	41.7%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	0	0.0%
TOTAL	12	100.0%

LIGHT CONDITIONS		%
DAY	6	50.0%
DARK	6	50.0%
TOTAL	12	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	0	0	1	1	
TUESDAY	0	0	1	3	0	4	
WEDNESDAY	0	0	0	0	1	1	*Weekday*
THURSDAY	0	0	0	1	1	2	
FRIDAY	0	0	0	2	0	2	
SATURDAY	0	0	0	2	0	2	*Weekend*
SUNDAY	0	0	0	0	0	0	
TOTAL	0	0	1	8	3	12	

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Powderhouse Road and Storey Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: 0
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
200908835	6/13/2009	SATURDAY	3 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
200912738	8/20/2009	THURSDAY	8 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
200918303	11/12/2009	THURSDAY	5 PM	PDO	REAR-END	MV IN TRANS.	DUSK	DRY
200917761	12/8/2009	TUESDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	SNOW
201001730	1/8/2010	FRIDAY	5 PM	PDO	HEAD-ON	MV IN TRANS.	DUSK	DRY
201006776	5/18/2010	TUESDAY	3 PM	PDO	REAR-END	MV IN TRANS.	DAY	WET
201009426	7/24/2010	SATURDAY	6 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
201215825	11/30/2012	FRIDAY	5 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
201301907	2/13/2013	WEDNESDAY	11 PM	INJ	ANGLE	MV IN TRANS.	DARK LT	DRY
201409928	7/28/2014	MONDAY	8 PM	INJ	ANGLE	MV IN TRANS.	DUSK	DRY
201417592	12/16/2014	TUESDAY	2 PM	INJ	HEAD-ON	MV IN TRANS.	DAY	DRY
201501095	1/13/2015	TUESDAY	6 PM	PDO	HEAD-ON	MV IN TRANS.	DUSK	DRY

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Storey Blvd. and Converse Ave.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 40
POSTED SPEED MINOR: 40

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	0	1	0	1
2010	0	0	0	0
2011	1	1	0	2
2012	0	0	0	0
2013	1	0	0	1
2014	2	0	0	2
2015	0	1	0	1
TOTAL	4	3	0	7
PERCENT	57.1%	42.9%	0.0%	100.0%
YEAR AVG.	0.63	0.47	0.00	1.11

ROAD CONDITIONS		%
DRY	3	42.9%
WET	1	14.3%
SNOW	0	0.0%
ICE	3	42.9%
OTHER	0	0.0%
TOTAL	7	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	1	14.3%
HEAD-ON	1	14.3%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	5	71.4%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	0	0.0%
TOTAL	7	100.0%

LIGHT CONDITIONS		%
DAY	5	71.4%
DARK	2	28.6%
TOTAL	7	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	0	1	0	1	
TUESDAY	0	0	0	0	0	0	
WEDNESDAY	0	1	0	0	0	1	*Weekday*
THURSDAY	0	0	1	2	0	3	
FRIDAY	0	0	0	1	0	1	
SATURDAY	0	0	1	0	0	1	*Weekend*
SUNDAY	0	0	0	0	0	0	
TOTAL	0	1	2	4	0	7	

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Storey Blvd. and Converse Ave.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: 0
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
200916208	10/9/2009	FRIDAY	6 PM	INJ	ANGLE	MV IN TRANS.	DUSK	ICE
201107098	5/26/2011	THURSDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DAY	WET
201112356	8/18/2011	THURSDAY	1 PM	INJ	HEAD-ON	MV IN TRANS.	DAY	DRY
201301545	1/24/2013	THURSDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
201413755	10/22/2014	WEDNESDAY	7 AM	PDO	REAR-END	MV IN TRANS.	DAWN	DRY
201416062	11/24/2014	MONDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	ICE
201502089	2/21/2015	SATURDAY	2 PM	INJ	ANGLE	MV IN TRANS.	DAY	ICE

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Rue Terre and Dell Range Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.75 YEARS 0 MONTHS FROM: 1/1/2009 TO: 8/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 40
POSTED SPEED MINOR: 30

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	12	6	0	18
2010	15	3	0	18
2011	6	2	0	8
2012	7	3	0	10
2013	8	4	0	12
2014	7	5	0	12
2015	4	2	0	6
TOTAL	59	25	0	84
PERCENT	70.2%	29.8%	0.0%	100.0%
YEAR AVG.	8.96	3.80	0.00	12.76

ROAD CONDITIONS		%
DRY	72	85.7%
WET	5	6.0%
SNOW	3	3.6%
ICE	3	3.6%
OTHER	1	1.2%
TOTAL	84	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	7	8.3%
REAR-END	52	61.9%
HEAD-ON	4	4.8%
SS-SAME	2	2.4%
SS-OPPOSITE	1	1.2%
PEDESTRIAN	0	0.0%
ANGLE	15	17.9%
FIXED	1	1.2%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	2	2.4%
TOTAL	84	100.0%

LIGHT CONDITIONS		%
DAY	42	84.0%
DARK	8	16.0%
TOTAL	50	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	7	3	2	12	
TUESDAY	0	1	3	4	1	9	
WEDNESDAY	0	1	3	5	0	9	*Weekday*
THURSDAY	0	0	7	5	0	12	
FRIDAY	0	0	8	6	3	17	
SATURDAY	0	2	6	7	2	17	*Weekend*
SUNDAY	0	0	3	5	0	8	
TOTAL	0	4	37	35	8	84	

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Rue Terre and Dell Range Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.75 YEARS 0 MONTHS FROM: 1/1/2009 TO: 8/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY		MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
200902986	01/30/2009	FRIDAY	4 PM	PDO	NI	ANGLE	MV IN TRANS.	DUSK	DRY
200903897	02/21/2009	SATURDAY	12 PM	INJ	PI	REAR-END	MV IN TRANS.	DAY	DRY
200905160	03/25/2009	WEDNESDAY	1 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200905475	03/31/2009	TUESDAY	9 AM	INJ	PI	ANGLE	MV IN TRANS.	DAY	DRY
200906551	03/31/2009	TUESDAY	2 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200906152	04/10/2009	FRIDAY	5 PM	INJ	NII	REAR-END	MV IN TRANS.	DAY	OTHER
200907442	05/18/2009	MONDAY	12 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200909851	07/14/2009	TUESDAY	5 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200910707	07/30/2009	THURSDAY	6 PM	INJ	NII	REAR-END	MV IN TRANS.	DAY	DRY
200912059	08/11/2009	TUESDAY	4 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200913212	09/02/2009	WEDNESDAY	5 PM	INJ	PI	REAR-END	MV IN TRANS.	DAY	DRY
200914211	09/17/2009	THURSDAY	6 PM	INJ	NII	RIGHT ANGLE	MV IN TRANS.	DAY	DRY
200913493	09/25/2009	FRIDAY	11 AM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200916727	11/17/2009	TUESDAY	2 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
200918948	11/17/2009	TUESDAY	4 PM	PDO	NI	ANGLE	MV IN TRANS.	DAY	DRY
200919257	11/23/2009	MONDAY	4 PM	PDO	NI	REAR-END	MV IN TRANS.	DARK LT	DRY
200917567	12/07/2009	MONDAY	2 PM	PDO	NI	RIGHT ANGLE	MV IN TRANS.	DAY	SNOW
200920115	12/30/2009	WEDNESDAY	1 PM	PDO	NI	OTHER	MV IN TRANS.	DAY	DRY
201003780	03/08/2010	MONDAY	4 PM	PDO	NI	ANGLE	MV IN TRANS.	DAY	DRY
201005444	04/17/2010	SATURDAY	10 AM	PDO	NI	ANGLE	MV IN TRANS.	DAY	DRY
201006071	05/17/2010	MONDAY	7 PM	PDO	NI	OTHER	MV IN TRANS.	DAY	DRY
201008231	06/19/2010	SATURDAY	8 PM	PDO	NI	REAR-END	MV IN TRANS.	DARK LT	DRY
201010315	07/23/2010	FRIDAY	1 PM	INJ	NII	RIGHT ANGLE	MV IN TRANS.	DAY	DRY
201009419	07/23/2010	FRIDAY	1 PM	INJ	PI	REAR-END	MV IN TRANS.	DAY	DRY
201009420	07/23/2010	FRIDAY	1 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
201011813	08/16/2010	MONDAY	5 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	WET
201011243	08/19/2010	THURSDAY	11 AM	PDO	NI	NO C	TRAFFIC SIGNAL	DAY	WET
201011999	09/09/2010	THURSDAY	2 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
201013526	10/01/2010	FRIDAY	3 PM	PDO	NI	ANGLE	MV IN TRANS.	DAY	DRY
201014660	10/28/2010	THURSDAY	11 AM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
201015688	11/07/2010	SUNDAY	4 PM	PDO	NI	RIGHT ANGLE	MV IN TRANS.	DUSK	DRY
201017203	12/05/2010	SUNDAY	5 PM	INJ	NII	HEAD-ON	MV IN TRANS.	DARK LT	WET
201018372	12/11/2010	SATURDAY	8 AM	PDO	NI	SSO	MV IN TRANS.	DAY	DRY
201017734	12/12/2010	SUNDAY	12 PM	PDO	NI	SSS	MV IN TRANS.	DAY	DRY
201018503	12/20/2010	MONDAY	12 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
201018600	12/27/2010	MONDAY	11 AM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
201102398	02/05/2011	SATURDAY	7 PM	PDO	NI	REAR-END	MV IN TRANS.	DARK LT	ICE
201107061	05/07/2011	SATURDAY	4 PM	INJ	NII	REAR-END	MV IN TRANS.	DAY	DRY
201107666	06/09/2011	THURSDAY	3 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	DRY
201109455	07/19/2011	TUESDAY	1 PM	PDO	NI	RIGHT ANGLE	MV IN TRANS.	DAY	DRY
201112267	09/14/2011	WEDNESDAY	2 PM	PDO	NI	REAR-END	MV IN TRANS.	DAY	WET
201112739	09/22/2011	THURSDAY	11 AM	PDO	NI	ANGLE	MV IN TRANS.	DAY	DRY
201113743	10/13/2011	THURSDAY	6 PM	INJ	PI	REAR-END	MV IN TRANS.	DARK LT	DRY
201116870	12/07/2011	WEDNESDAY	8 AM	PDO	NI	RIGHT ANGLE	MV ON OTHER RD	DAY	DRY
5164	04/26/12	THURSDAY	10 AM	PDO	NI	REAR-END	MV ON OTHER RD	DAY	DRY
6514	05/26/12	SATURDAY	5 PM	INJ	U	REAR-END	MV ON OTHER RD	DAY	DRY
7109	06/16/12	SATURDAY	1 PM	PDO	U	ANGLE	MV ON OTHER RD	DAY	DRY
10246	08/05/12	SUNDAY	6 PM	INJ	U	RIGHT ANGLE	MV ON OTHER RD	DAY	DRY
12575	09/14/12	FRIDAY	7 PM	PDO	U	REAR-END	MV ON OTHER RD	DUSK	DRY
12163	09/22/12	SATURDAY	5 PM	PDO	U	REAR-END	MV ON OTHER RD	DAY	DRY

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CRASH DETAILS

INTERSECTION: Rue Terre and Dell Range Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.75 YEARS 0 MONTHS FROM: 1/1/2009 TO: 8/1/2015

PROJECT ID:	WEDNESDAY	PREPARED BY:	REAR-END	DATE:	DAY

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY		MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
12637	10/04/12	THURSDAY	1 PM	PDO	U	ANGLE	MV IN TRANS.	DAY	DRY
14840	11/14/12	WEDNESDAY	5 PM	PDO	U	ANGLE	MV IN TRANS.	DARK LT	DRY
15373	11/17/12	SATURDAY	1 PM	INJ	U	REAR-END	MV IN TRANS.	DAY	DRY
16176	12/10/12	MONDAY	7 PM	PDO	U	REAR-END	MV IN TRANS.	DARK LT	SNOW
385	01/10/13	THURSDAY	1 PM	INJ	U	ANGLE	MV IN TRANS.	DAY	DRY
1804	02/11/13	MONDAY	12 PM	PDO	U	SSS	MV IN TRANS.	DAY	DRY
3536	03/02/13	SATURDAY	12 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
6395	05/17/13	FRIDAY	2 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
7334	06/08/13	SATURDAY	6 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
7175	06/09/13	SUNDAY	12 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
7335	06/12/13	WEDNESDAY	6 PM	INJ	U	REAR-END	MV IN TRANS.	DAY	DRY
9307	07/20/13	SATURDAY	3 PM	INJ	U	HEAD-ON	MV IN TRANS.	DAY	WET
12825	10/07/13	MONDAY	1 PM	INJ	U	REAR-END	MV IN TRANS.	DAY	DRY
13888	10/26/13	SATURDAY	5 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
16163	12/06/13	FRIDAY	12 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	ICE
17336	12/22/13	SUNDAY	5 PM	PDO	U	REAR-END	MV IN TRANS.	DARK LT	DRY
1814	02/05/14	WEDNESDAY	5 PM	INJ	U	REAR-END	MV IN TRANS.	DARK LT	ICE
2937	02/26/14	WEDNESDAY	4 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
5577	04/11/14	FRIDAY	4 PM	INJ	U	REAR-END	MV IN TRANS.	DAY	DRY
6198	05/11/14	SUNDAY	10 AM	PDO	U	ANGLE	MV IN TRANS.	DAY	SNOW
6798	05/20/14	TUESDAY	5 PM	INJ	U	HEAD-ON	MV IN TRANS.	DAY	DRY
10732	08/15/14	FRIDAY	10 AM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
11599	08/30/14	SATURDAY	1 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
13183	10/05/14	SUNDAY	3 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
13497	10/10/14	FRIDAY	3 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
14163	10/27/14	MONDAY	1 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
16677	12/11/14	THURSDAY	6 PM	INJ	U	REAR-END	MV IN TRANS.	DARK LT	DRY
17596	12/19/14	FRIDAY	3 PM	INJ	U	REAR-END	MV IN TRANS.	DAY	DRY
966	01/13/15	TUESDAY	7 PM	INJ	U	HEAD-ON	MV IN TRANS.	DARK LT	DRY
4530	04/10/15	FRIDAY	12 PM	PDO	U	REAR-END	MV IN TRANS.	DAY	DRY
7000	06/12/15	FRIDAY	7 PM	PDO	U	ANGLE	MV IN TRANS.	DAY	DRY
8440	07/17/15	FRIDAY	7 PM	INJ	U	REAR-END	MV IN TRANS.	DAY	DRY
8445	07/18/15	SATURDAY	4 PM	PDO	U	ANGLE	MV IN TRANS.	DAY	DRY
9204	08/01/15	SATURDAY	7 AM	PDO	U	ANGLE	MV IN TRANS.	DAY	DRY

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Prairie Ave. and Frontier Mall Drive
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 35
POSTED SPEED MINOR: 30

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	2	2	0	4
2010	0	0	0	0
2011	4	0	0	4
2012	6	0	0	6
2013	4	1	0	5
2014	4	1	1	6
2015	1	0	0	1
TOTAL	21	4	1	26
PERCENT	80.8%	15.4%	3.8%	100.0%
YEAR AVG.	3.32	0.63	0.16	4.11

ROAD CONDITIONS		%
DRY	25	96.2%
WET	0	0.0%
SNOW	1	3.8%
ICE	0	0.0%
OTHER	0	0.0%
TOTAL	26	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	0	0.0%
HEAD-ON	0	0.0%
SS-SAME	0	0.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	25	96.2%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	1	3.8%
TOTAL	26	100.0%

LIGHT CONDITIONS		%
DAY	22	84.6%
DARK	4	15.4%
TOTAL	26	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	3	1	0	4	
TUESDAY	0	0	3	0	1	4	
WEDNESDAY	0	0	3	2	1	6	*Weekday*
THURSDAY	0	0	1	1	0	2	
FRIDAY	0	0	3	1	1	5	
SATURDAY	0	0	3	0	1	4	*Weekend*
SUNDAY	0	0	1	0	0	1	
TOTAL	0	0	17	5	4	26	

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Prairie Ave. and Frontier Mall Drive
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: 0
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
02306	1/19/2009	MONDAY	11 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
05451	3/28/2009	SATURDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
09212	7/1/2009	WEDNESDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
19425	11/20/2009	FRIDAY	3 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
02695	2/8/2011	TUESDAY	10 AM	PDO	ANGLE	MV IN TRANS.	DAY	SNOW
04831	3/31/2011	THURSDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
10563	8/6/2011	SATURDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
11688	8/19/2011	FRIDAY	9 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
1702	2/1/2012	WEDNESDAY	7 PM	PDO	ANGLE	MV IN TRANS.	DARK LT	DRY
3442	3/12/2012	MONDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
6385	5/20/2012	SUNDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
8832	7/7/2012	SATURDAY	7 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
11707	9/3/2012	MONDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
15205	11/23/2012	FRIDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
9174	7/19/2013	FRIDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
9596	7/25/2013	THURSDAY	10 AM	PDO	OTHER	OTHER FIXED	DAY	DRY
10368	8/13/2013	TUESDAY	7 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
13311	10/16/2013	WEDNESDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
17479	12/23/2013	MONDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
8479	7/1/2014	TUESDAY	12 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
8639	7/2/2014	WEDNESDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
11594	9/2/2014	TUESDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
14474	11/5/2014	WEDNESDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
14620	11/8/2014	SATURDAY	11 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
16061	11/21/2014	FRIDAY	1 PM	FAT	ANGLE	MV IN TRANS.	DAY	DRY
3088	3/11/2015	WEDNESDAY	3 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Prairie Ave. and Dell Range Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: WY
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

HIGHWAY CHARACTERISTICS

TRAFFIC CONTROL: TRAFFIC SIGNAL
INTERSECTION AADT (2008):
NUMBER OF LEGS: 4
POSTED SPEED MAJOR: 40
POSTED SPEED MINOR: 35

CRASH STATISTICS

CRASH FREQUENCY & SEVERITY				
YEAR	PDO	INJURY	FATAL	TOTAL
2009	5	0	0	5
2010	6	0	0	6
2011	3	2	0	5
2012	5	2	0	7
2013	4	4	0	8
2014	5	0	0	5
2015	2	0	0	2
TOTAL	30	8	0	38
PERCENT	78.9%	21.1%	0.0%	100.0%
YEAR AVG.	4.74	1.26	0.00	6.00

ROAD CONDITIONS		%
DRY	30	78.9%
WET	2	5.3%
SNOW	1	2.6%
ICE	5	13.2%
OTHER	0	0.0%
TOTAL	38	100.0%

CRASH TYPE		%
LEFT TURN	0	0.0%
RIGHT ANGLE	0	0.0%
REAR-END	20	52.6%
HEAD-ON	0	0.0%
SS-SAME	2	5.3%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
ANGLE	13	34.2%
FIXED	0	0.0%
NOT FIXED	0	0.0%
DEER	0	0.0%
OVERTURN	0	0.0%
OTHR/UNKN	3	7.9%
TOTAL	38	100.0%

LIGHT CONDITIONS		%
DAY	29	76.3%
DARK	9	23.7%
TOTAL	38	100.0%

DAY AND TIME							
DAY OF WEEK	*EARLY MORNING* 12:00 AM TO 5:59 AM	*AM PEAK* 6:00 AM TO 9:59 AM	*MIDDAY* 10:00 AM TO 2:59 PM	*PM PEAK* 3:00 PM TO 6:59 PM	*LATE EVENING* 7:00 PM TO 11:59 PM	TOTAL	
MONDAY	0	0	2	4	1	7	
TUESDAY	0	0	6	3	0	9	
WEDNESDAY	0	1	1	2	1	5	*Weekday*
THURSDAY	0	0	2	1	0	3	
FRIDAY	0	0	3	1	0	4	
SATURDAY	0	0	5	1	1	7	*Weekend*
SUNDAY	0	0	0	3	0	3	
TOTAL	0	1	19	15	3	38	

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INTERSECTION CRASH STATISTICS

AYRES ASSOCIATES

INTERSECTION: Prairie Ave. and Dell Range Blvd.
MUNICIPALITY: Cheyenne COUNTY: Laramie STATE: 0
PERIOD: 6.5 YEARS 0 MONTHS FROM: 1/1/2009 TO: 5/1/2015

PROJECT ID:	32-1713.00	PREPARED BY:	SMC	DATE:	10/13/2015

CRASH DETAILS

REF. NUMBER	DATE	DAY OF WEEK	TIME OF DAY	CRASH SEVERITY	MANNER OF COLLISION	ACCIDENT TYPE	LIGHT COND.	ROAD COND.
02105	1/14/2009	WEDNESDAY	2 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
06303	4/19/2009	SUNDAY	5 PM	PDO	OTHER	MV IN TRANS.	DUSK	DRY
07441	5/18/2009	MONDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
12068	8/4/2009	TUESDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
14703	9/25/2009	FRIDAY	12 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
09491	7/13/2010	TUESDAY	1 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
11291	8/3/2010	TUESDAY	6 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
11456	8/19/2010	THURSDAY	1 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
12938	9/7/2010	TUESDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
14089	10/12/2010	TUESDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
18508	12/22/2010	WEDNESDAY	9 AM	PDO	ANGLE	MV IN TRANS.	DAY	WET
05960	4/28/2011	THURSDAY	6 PM	INJ	REAR-END	OTHER NO C	DUSK	DRY
08167	6/21/2011	TUESDAY	2 PM	PDO	SSS	MV IN TRANS.	DAY	DRY
10609	7/30/2011	SATURDAY	10 AM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
15038	11/4/2011	FRIDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
17077	12/5/2011	MONDAY	5 PM	INJ	ANGLE	MV IN TRANS.	DUSK	ICE
3148	2/27/2012	MONDAY	10 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
3539	3/5/2012	MONDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
3873	3/17/2012	SATURDAY	4 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
5288	4/28/2012	SATURDAY	7 PM	INJ	OTHER	PEDESTRIAN	DUSK	DRY
7716	6/27/2012	WEDNESDAY	4 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
08151	6/30/2012	SATURDAY	10 AM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
16178	12/4/2012	TUESDAY	4 PM	INJ	REAR-END	MV IN TRANS.	DUSK	DRY
1454	1/16/2013	WEDNESDAY	8 PM	INJ	REAR-END	MV IN TRANS.	DARK LT	ICE
1920	2/12/2013	TUESDAY	1 PM	PDO	SSS	MV IN TRANS.	DAY	DRY
5991	5/4/2013	SATURDAY	1 PM	PDO	ANGLE	MV IN TRANS.	DAY	DRY
7167	6/6/2013	THURSDAY	11 AM	INJ	REAR-END	MV IN TRANS.	DAY	DRY
13760	10/28/2013	MONDAY	8 PM	PDO	ANGLE	MV IN TRANS.	DARK LT	WET
16397	12/6/2013	FRIDAY	4 PM	PDO	REAR-END	MV IN TRANS.	DAY	ICE
17337	12/22/2013	SUNDAY	5 PM	INJ	REAR-END	MV IN TRANS.	DAY	SNOW
17480	12/23/2013	MONDAY	4 PM	INJ	ANGLE	MV IN TRANS.	DAY	DRY
9	1/1/2014	WEDNESDAY	5 PM	PDO	REAR-END	MV IN TRANS.	DAY	ICE
7808	6/17/2014	TUESDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
8312	6/27/2014	FRIDAY	10 AM	PDO	OTHER	CURB	DAY	DRY
13599	10/13/2014	MONDAY	3 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY
17599	12/21/2014	SUNDAY	5 PM	PDO	ANGLE	MV IN TRANS.	DUSK	DRY
270	1/3/2015	SATURDAY	2 PM	PDO	REAR-END	MV IN TRANS.	DAY	ICE
380	1/10/2015	SATURDAY	12 PM	PDO	REAR-END	MV IN TRANS.	DAY	DRY

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APPENDIX E

WYDOT CRASH DATA

CRASH HISTORY FOR POWDERHOUSE RD

BETWEEN THE CROSS STREETS OF PRAIRIE AVE & STOREY BLVD

2009 to ~ Feb 2014

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
2009											
6/13/09 15:55	200908835	POWDERHOUSE RD STOREY BLVD	0	0	Intersection Related	Rear End (Front to Rear)	North North	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
7/28/09 17:27	200911117	POWDERHOUSE RD	0	0	Non-Junction	Sideswipe Same Direction (Passing)	South South South	Straight Ahead Parked Parked	Parked Motor Vehicle	Dry	Ran Off Road
8/20/09 20:40	200912738	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal No Improper Driving
11/12/09 17:18	200918303	STOREY BLVD POWDERHOUSE RD	0	0	Intersection Related	Rear End (Front to Rear)	East East	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving
12/8/09 15:36	200917761	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South West East	Turning Left Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Snow Ice/Frost	Drove too Fast for Conditions No Improper Driving
12/26/09 14:00	200920058	MELTON ST POWDERHOUSE RD	0	0	Intersection Related	Rear End (Front to Rear)	East	Stopped in Traffic Straight Ahead	Motor Vehicle in Transport on Roadway	Snow	No Improper Driving Drove too Fast for Conditions
2010											
1/8/10 17:54	201001730	STOREY BLVD POWDERHOUSE RD	0	0	Intersection	Head On (Front to Front)	West East	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal Disregarded Traffic Signs No Improper Driving
4/16/10 12:02	201005421	E CARLSON ST POWDERHOUSE RD	0	0	Intersection Related	Rear End (Front to Rear)	East East	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving
5/7/10 7:46	201005546	PRAIRIE AVE POWDERHOUSE RD	2	0	Intersection	Angle Right (Front to Side, includes Broadside)	East North	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Ran Red Light No Improper Driving

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
5/18/10 15:57	201006776	POWDERHOUSE RD STOREY BLVD	0	0	Intersection Related	Rear End (Front to Rear)	North North	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Wet	Erratic/Reckless/Careless/Aggressive No Improper Driving
5/31/10 9:53	201007470	PRAIRIE AVE POWDERHOUSE RD	0	0	Intersection	Angle (Front to Side), Opposing Direction	South North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal No Improper Driving
6/2/10 9:36	201006798	PRAIRIE AVE POWDERHOUSE RD	0	0	Intersection	Rear End (Front to Rear)	West West	Changing Lanes Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Keep Proper Lane No Improper Driving
7/24/10 18:17	201009426	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Rear End (Front to Rear)	South South	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving
11/26/10 16:25	201016728	POWDERHOUSE RD PRAIRIE AVE	1	0	Intersection	Angle Right (Front to Side, includes Broadside)	East North	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Ran Red Light No Improper Driving
2011											
1/19/11 14:42	201100932	MELTON ST POWDERHOUSE RD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East South	Slowing Straight Ahead	Motor Vehicle in Transport on Roadway	Ice/Frost Snow	Drove too Fast for Conditions No Improper Driving
1/19/11 12:39	201101049	POWDERHOUSE RD MELTON ST	3	0	Intersection	Angle Right (Front to Side, includes Broadside)	East South	Turning Right Straight Ahead	Motor Vehicle in Transport on Roadway	Snow Ice/Frost	Drove too Fast for Conditions No Improper Driving
2/10/11 15:22	201102753	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection Related	Rear End (Front to Rear)	South South	Slowing Stopped in Traffic	Motor Vehicle in Transport on Roadway	Wet Ice/Frost	Drove too Fast for Conditions No Improper Driving
5/31/11 15:54	201107294	E CARLSON ST POWDERHOUSE RD	0	0	Intersection Related	Rear End (Front to Rear)	East East	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
8/6/11 0:03	201111009	POWDERHOUSE RD OLD TOWN LN	0	0	Intersection Related	Sideswipe Same Direction (Passing)	Unknown West	Turning Left Parked	Parked Motor Vehicle	Dry	Failed to Keep Proper Lane
2012											
6/16/12 21:05	201207541	PRAIRIE AVE POWDERHOUSE RD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	West South	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Ran Red Light No Improper Driving

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
9/4/12 7:08	201211105	W CARLSON ST POWDERHOUSE RD	0	0	Intersection	Rear End (Front to Rear)	East East	Slowing Slowing	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
9/11/12 16:19	201211731	POWDERHOUSE RD	1	0	Business Entrance	Not a Collision w/2 Vehicles in Transport	West	Entering a Traffic Lane	Pedacycle	Dry	Failed to Yield ROW
11/16/12 8:27	201215197	POWDERHOUSE RD E CARLSON ST	0	0	Intersection Related	Head On (Front to Front)	South North	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Wrong Side/Wrong Way No Improper Driving
11/29/12 18:50	201215679	POWDERHOUSE RD	0	0	Non-Junction	Rear End (Front to Rear)	North North	Slowing Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving
11/30/12 17:18	201215825	POWDERHOUSE RD STOREY BLVD	1	0	Intersection	Angle (Front to Side), Opposing Direction	North North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
12/18/12 21:02	201216604	MELTON ST POWDERHOUSE RD	0	0	Intersection Related	Not a Collision w/2 Vehicles in Transport	East	Slowing	Utility Pole/Light Support	Snow Ice/Frost	Drove too Fast for Conditions
2013											
2/13/13 23:11	201301907	STOREY BLVD POWDERHOUSE RD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North East	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
2/24/13 11:40	201302398	POWDERHOUSE RD	0	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	South	Straight Ahead	Fence (including Post)	Snow	Drove too Fast for Conditions
3/25/13 12:46	201303978	POWDERHOUSE RD	0	0	Business Entrance	Rear End (Front to Rear)	North North	Straight Ahead Slowing	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
5/3/13 13:17	201305887	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Head On (Front to Front)	South North West	Turning Left Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
7/24/13 10:46	201309363	PRAIRIE AVE POWDERHOUSE RD	1	0	Intersection	Angle (Front to Side), Opposing Direction	Southwest East	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
9/9/13 17:27	201311400	POWDERHOUSE RD	0	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	North	Straight Ahead	Work Zone/Maintenance Equipment	Wet	Failed to Keep Proper Lane
12/10/13 11:26	201316565	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Snow	Failed to Yield ROW No Improper Driving
2014											
1/10/14 6:00	201400304	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East South	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Disregarded Traffic Signs No Improper Driving
2/11/14 10:21	201402074	POWDERHOUSE RD PRAIRIE AVE	2	0	Intersection	Head On (Front to Front)	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving

	FATAL CRASHES	FATALITIES	INJURY CRASHES	INJURIES	PDO* CRASHES	TOTAL CRASHES
2009	0	0	0		6	**6**
2010	0	0	2	3	6	**8**
2011	0	0	1	3	4	**5**
2012	0	0	2	2	5	**7**
2013	0	0	1	1	6	**7**
2014	0	0	1	2	1	**2**
TOTAL	**0**	**0**	**7**	**11**	**28**	**35**

*PDO=PROPERTY DAMAGE ONLY

	2009	2010	2011	2012	2013	2014	Total
Business Entrance	0	0	0	1	1	0	**2**
Intersection	2	6	2	3	4	2	**19**
Intersection Related	3	2	3	2	0	0	**10**
Non-Junction	1	0	0	1	2	0	**4**
Total	**6**	**8**	**5**	**7**	**7**	**2**	**35**

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

CRASH HISTORY FOR POWDERHOUSE RD

BETWEEN THE CROSS STREETS OF PRAIRIE AVE & STOREY BLVD
2014 to ~ May 2015

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
2014											
1/10/14 6:00	201400304	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East South	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Disregarded Traffic Signs No Improper Driving
2/11/14 10:21	201402074	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Head On (Front to Front)	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
7/28/14 20:51	201409928	POWDERHOUSE RD STOREY BLVD	1	0	Intersection	Angle (Front to Side), Opposing Direction	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW Disregarded Traffic Signs No Improper Driving
10/29/14 19:26	201414471	POWDERHOUSE RD E CARLSON ST	0	0	Intersection Related	Rear End (Front to Rear)	North North	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving
12/16/14 14:24	201417592	POWDERHOUSE RD STOREY BLVD	2	0	Intersection	Head On (Front to Front)	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
12/30/14 14:59	201417941	POWDERHOUSE RD PRAIRIE AVE	1	0	Intersection Related	Rear End (Front to Rear)	South South	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Ice/Frost Snow	Drove too Fast for Conditions No Improper Driving
2015											
1/13/15 18:00	201501095	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Head On (Front to Front)	South North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW Improper Turn or No Signal No Improper Driving
4/21/15 11:00	201504751	POWDERHOUSE RD	0	0	Non-Junction	Sideswipe Same Direction (Passing)	South South South	Straight Ahead Parked Parked	Motor Vehicle in Transport on Roadway	Dry	Failed to Keep Proper Lane Other Improper Action

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION

	FATAL CRASHES	FATALITIES	INJURY CRASHES	INJURIES	PDO* CRASHES	TOTAL CRASHES
2014	0	0	3	4	3	**6**
2015	0	0	0		2	**2**
TOTAL	**0**	**0**	**3**	**4**	**5**	**8**

*PDO=PROPERTY DAMAGE ONLY

	2014	2015	Total
Intersection	4	1	**5**
Intersection Related	2	0	**2**
Non-Junction	0	1	**1**
Total	**6**	**2**	**8**

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

CRASH HISTORY FOR STOREY BLVD

BETWEEN THE CROSS STREETS OF POWDERHOUSE RD & CONVERSE AVE

2009 to ~ Feb 2014

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
2009											
3/6/09 9:40	200904423	STOREY BLVD	0	0	Non-Junction	Sideswipe Same Direction (Passing)	East East	Entering a Traffic Lane Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal No Improper Driving
6/13/09 15:55	200908835	POWDERHOUSE RD STOREY BLVD	0	0	Intersection Related	Rear End (Front to Rear)	North North	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
8/20/09 20:40	200912738	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal No Improper Driving
10/9/09 18:54	200916208	CONVERSE AVE STOREY BLVD	1	0	Intersection Related	Angle (Front to Side), Opposing Direction	East North North	Turning Right Stopped in Traffic Straight Ahead	Motor Vehicle in Transport on Roadway	Ice/Frost	Drove too Fast for Conditions No Improper Driving
11/12/09 17:18	200918303	STOREY BLVD POWDERHOUSE RD	0	0	Intersection Related	Rear End (Front to Rear)	East East	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving
12/8/09 15:36	200917761	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South West East	Turning Left Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Snow Ice/Frost	Drove too Fast for Conditions No Improper Driving
2010											
1/8/10 17:54	201001730	STOREY BLVD POWDERHOUSE RD	0	0	Intersection	Head On (Front to Front)	West East	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal Disregarded Traffic Signs No Improper Driving
5/18/10 15:57	201006776	POWDERHOUSE RD STOREY BLVD	0	0	Intersection Related	Rear End (Front to Rear)	North North	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Wet	Erratic/Reckless/Careless/Aggressive No Improper Driving
7/24/10 18:17	201009426	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Rear End (Front to Rear)	South South	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV 3/7/2014

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
2011											
5/26/11 17:28	201107098	STOREY BLVD CONVERSE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	West East	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
8/18/11 13:57	201112356	STOREY BLVD CONVERSE AVE	1	0	Intersection	Head On (Front to Front)	West East	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
2012											
4/9/12 18:11	201204614	STOREY BLVD	0	0	Non-Junction	Rear End (Front to Rear)	East East	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	No Improper Driving
5/5/12 1:30	201205899	STOREY BLVD	0	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	East	Straight Ahead	Raised Median or Curb	Unknown	Ran Off Road
11/30/12 17:18	201215825	POWDERHOUSE RD STOREY BLVD	1	0	Intersection	Angle (Front to Side), Opposing Direction	North North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
2013											
1/24/13 16:50	201301545	CONVERSE AVE STOREY BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North East	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Ran Red Light No Improper Driving
2/13/13 23:11	201301907	STOREY BLVD POWDERHOUSE RD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North East	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
6/18/13 12:43	201309631	STOREY BLVD	1	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	West	Straight Ahead	Fence (including Post)	Dry	
2014											
1/29/14 10:23	201401436	STOREY BLVD	0	0	Non-Junction	Rear End (Front to Rear)	East East	Straight Ahead Slowing	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION

	FATAL CRASHES	FATALITIES	INJURY CRASHES	INJURIES	PDO* CRASHES	TOTAL CRASHES
2009	0	0	1	1	5	**6**
2010	0	0	0		3	**3**
2011	0	0	1	1	1	**2**
2012	0	0	1	1	2	**3**
2013	0	0	1	1	2	**3**
2014	0	0	0		1	**1**
TOTAL	**0**	**0**	**4**	**4**	**14**	**18**

*PDO=PROPERTY DAMAGE ONLY

	2009	2010	2011	2012	2013	2014	Total
Intersection	2	2	2	1	2	0	**9**
Intersection Related	3	1	0	0	0	0	**4**
Non-Junction	1	0	0	2	1	1	**5**
Total	**6**	**3**	**2**	**3**	**3**	**1**	**18**

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV 3/7/2014

CRASH HISTORY FOR STOREY BLVD

BETWEEN THE CROSS STREETS OF POWDERHOUSE RD & CONVERSE AVE

2014 to ~ May 2015

DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION
2014											
1/29/14 10:23	201401436	STOREY BLVD	0	0	Non-Junction	Rear End (Front to Rear)	East East	Straight Ahead Slowing	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
7/28/14 20:51	201409928	POWDERHOUSE RD STOREY BLVD	1	0	Intersection	Angle (Front to Side), Opposing Direction	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW Disregarded Traffic Signs No Improper Driving
10/22/14 7:58	201413755	STOREY BLVD CONVERSE AVE	0	0	Intersection Related	Rear End (Front to Rear)	West West	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive No Improper Driving
11/24/14 16:58	201416062	CONVERSE AVE STOREY BLVD	0	0	Intersection Related	Angle (Front to Side), Opposing Direction	Southeast North	Turning Right Stopped in Traffic	Motor Vehicle in Transport on Roadway	Ice/Frost Snow	Drove too Fast for Conditions No Improper Driving
12/16/14 14:24	201417592	POWDERHOUSE RD STOREY BLVD	2	0	Intersection	Head On (Front to Front)	Southeast North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving
2015											
1/13/15 18:00	201501095	POWDERHOUSE RD STOREY BLVD	0	0	Intersection	Head On (Front to Front)	South North	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW Improper Turn or No Signal No Improper Driving
2/21/15 14:53	201502089	CONVERSE AVE STOREY BLVD	1	0	Intersection	Angle Right (Front to Side, includes Broadside)	East South	Slowing Straight Ahead	Motor Vehicle in Transport on Roadway	Ice/Frost	No Improper Driving Drove too Fast for Conditions Swerve Due to Wind/Slippery Surface

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DATE/TIME	STATE REPORT NUMBER	LOCATION/ MILEPOST	NUM INJ	NUM KILL	JUNCTION RELATION	MANNER OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD CONDITION	DRIVER ACTION

	FATAL CRASHES	FATALITIES	INJURY CRASHES	INJURIES	PDO* CRASHES	TOTAL CRASHES
2014	0	0	2	3	3	**5**
2015	0	0	1	1	1	**2**
TOTAL	**0**	**0**	**3**	**4**	**4**	**7**

*PDO=PROPERTY DAMAGE ONLY

	2014	2015	Total
Intersection	2	2	**4**
Intersection Related	2	0	**2**
Non-Junction	1	0	**1**
Total	**5**	**2**	**7**

CREATED BY: ANDREA (ANDI) JONES; WYDOT HIGHWAY SAFETY; (307) 777- 4452; ANDREA.JONES@WYO.GOV

CRASH HISTORY FOR CHEYENNE AT THE INTERSECTION OF RUE TERRE & DELL RANGE BLVD FOR THE YEARS 2012 THROUGH APPROXIMATELY NOVEMBER 2015

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION
2012													
04/26/2012	1033	05164	DELL RANGE BLVD	0	0	Intersection	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
05/26/2012	1700	06514	DELL RANGE BLVD	1	0	Intersection	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/16/2012	1337	07109	DELL RANGE BLVD	0	0	Intersection	Angle (Front to Side), Opposing Direction	East	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Dry	Improper Turn or No Signal
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
08/05/2012	1803	10246	DELL RANGE BLVD	1	0	Intersection	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Ran Red Light
			RUE TERRE					South	Turning Left	Motor Vehicle in Transport on Roadway			No Improper Driving
09/14/2012	1918	12575	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dusk	Dry	Following too Close
			RUE TERRE					East	Slowing	Motor Vehicle in Transport on Roadway			No Improper Driving
09/22/2012	1710	12163	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/04/2012	1348	12637	DELL RANGE BLVD	0	0	Intersection	Angle (Front to Side), Opposing Direction	West	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
11/14/2012	1717	14840	DELL RANGE BLVD	0	0	Intersection	Angle Same Direction (Front to Side)	South	Turning Right	Motor Vehicle in Transport on Roadway	Darkness Lighted	Dry	Failed to Yield ROW
			RUE TERRE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
11/17/2012	1320	15373	DELL RANGE BLVD	1	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
12/10/2012	1846	16176	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Darkness Lighted	Snow	Drove too Fast for Conditions
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
								Unknown	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
2013													
01/10/2013	1307	00385	DELL RANGE BLVD	3	0	Intersection	Angle (Front to Side), Opposing Direction	West	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/11/2013	1254	01804	DELL RANGE BLVD	0	0	Intersection	Sideswipe Same Direction (Passing)	West	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Dry	No Improper Driving
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
03/02/2013	1225	03536	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
05/17/2013	1402	06395	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
06/08/2013	1828	07334	DELL RANGE BLVD	0	0	Intersection	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/09/2013	1255	07175	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION
06/12/2013	1836	07335	DELL RANGE BLVD	3	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			Following too Close
													No Improper Driving
07/20/2013	1500	09307	DELL RANGE BLVD	1	0	Intersection	Head On (Front to Front)	North	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Wet	Improper Turn or No Signal
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW
													No Improper Driving
10/07/2013	1308	12825	DELL RANGE BLVD	1	0	Intersection	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					West	Slowing	Motor Vehicle in Transport on Roadway			No Improper Driving
10/26/2013	1710	13888	DELL RANGE BLVD	0	0	Intersection	Rear End (Front to Rear)	East	Stopped in Traffic	Motor Vehicle in Transport on Roadway	Daylight	Dry	Ran Off Road
			RUE TERRE					Unknown	Straight Ahead	Motor Vehicle in Transport on Roadway			Other Improper Action
12/06/2013	1228	16163	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Ice/Frost	Drove too Fast for Conditions
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
12/22/2013	1730	17336	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Darkness Lighted	Dry	Following too Close
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
2014													
02/05/2014	1735	01814	RUE TERRE	1	0	Intersection Related	Rear End (Front to Rear)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Darkness Lighted	Ice/Frost	Drove too Fast for Conditions
			DEL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway		Snow	No Improper Driving
02/26/2014	1647	02937	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Stopped in Traffic	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway		Wet	No Improper Driving
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
04/11/2014	1642	05577	DELL RANGE BLVD	1	0	Intersection	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
05/11/2014	1058	06198	DELL RANGE BLVD	0	0	Intersection	Angle Same Direction (Front to Side)	East	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Snow	Ran Red Light
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway		Slush	No Improper Driving
05/20/2014	1702	06798	DELL RANGE BLVD	3	0	Intersection	Head On (Front to Front)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Ran Red Light
			RUE TERRE					West	Turning Left	Motor Vehicle in Transport on Roadway			Improper Turn or No Signal
								North	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
08/15/2014	1024	10732	RUE TERRE	0	0	Intersection Related	Rear to Front (Normally Backing)	North	Backing	Motor Vehicle in Transport on Roadway	Daylight	Dry	Improper Backing
			DELL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
08/30/2014	1339	11599	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
10/05/2014	1506	13183	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Slowing	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/10/2014	1502	13497	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
10/27/2014	1303	14163	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Slowing	Motor Vehicle in Transport on Roadway			No Improper Driving
12/11/2014	1847	16677	DELL RANGE BLVD	1	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Darkness Lighted	Dry	Following too Close
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION
12/19/2014	1503	17596	DELL RANGE BLVD	1	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Following too Close
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			Following too Close
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
2015													
01/13/2015	1911	00966	DELL RANGE BLVD	2	0	Intersection	Head On (Front to Front)	East	Turning Left	Motor Vehicle in Transport on Roadway	Darkness Lighted	Dry	Improper Turn or No Signal
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
04/10/2015	1221	04530	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Slowing	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Slowing	Motor Vehicle in Transport on Roadway			No Improper Driving
06/12/2015	1915	07000	DELL RANGE BLVD	0	0	Intersection	Angle Same Direction (Front to Side)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Ran Red Light
			RUE TERRE					West	Turning Left	Motor Vehicle in Transport on Roadway			No Improper Driving
07/17/2015	1933	08440	DELL RANGE BLVD	1	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Erratic/Reckless/Careless/Ag
			RUE TERRE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
07/18/2015	1627	08445	DELL RANGE BLVD	0	0	Intersection	Angle (Front to Side), Opposing Direction	East	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
			RUE TERRE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
08/01/2015	740	09204	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Unknown
			RUE TERRE					North	Turning Left	Motor Vehicle in Transport on Roadway			Unknown

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION

TOTAL CRASHES IN THIS REPORT 40

PDO CRASHES 26
INJURY CRASHES 14
FATAL CRASHES 0

TOTAL PERSONS INJURED 21
TOTAL PERSONS KILLED 0

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2012	3	0	7	3	0	10
2013	8	0	8	4	0	12
2014	7	0	7	5	0	12
2015	3	0	4	2	0	6
TOTAL	**21**	**0**	**26**	**14**	**0**	**40**

***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

CRASH HISTORY FOR RUE TERRE NORTH OF DELL RANGE BLVD IN CHEYENNE FOR THE YEARS 2009 THROUGH 2011

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION
2009													
12/07/2009	1430	17567	RUE TERRE	0	0	Intersection Related	Angle Same Direction (Front to Side)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Snow	Failed to Yield ROW
			DELL RANGE BLVD					South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/19/2009	1131	19924	RUE TERRE	1	0	Business Entrance	Angle Same Direction (Front to Side)	North	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/30/2009	1301	20115	RUE TERRE	0	0	Intersection Related	Rear to Front (Normally Backing)	North	Backing	Motor Vehicle in Transport on Roadway	Daylight	Dry	Improper Backing
			DELL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
2010													
10/01/2010	1433	13897	RUE TERRE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Wet	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/30/2010	2014	15281	RUE TERRE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Darkness Lighted	Dry	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/12/2010	1230	17734	RUE TERRE	0	0	Intersection	Sideswipe Same Direction (Passing)	North	Changing Lanes	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Keep Proper Lane
			DELL RANGE BLVD					North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
2011													
06/10/2011	1037	07884	RUE TERRE	0	0	Business Entrance	Rear to Front (Normally Backing)	East	Backing	Motor Vehicle in Transport on Roadway	Daylight	Dry	Improper Backing
								West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION

TOTAL CRASHES IN THIS REPORT 7

PDO CRASHES 6
INJURY CRASHES 1
FATAL CRASHES 0

TOTAL PERSONS INJURED 1
TOTAL PERSONS KILLED 0

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2009	1	0	2	1	0	3
2010	0	0	3	0	0	3
2011	0	0	1	0	0	1
TOTAL	**1**	**0**	**6**	**1**	**0**	**7**

***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

CRASH HISTORY FOR RUE TERRE NORTH OF DELL RANGE BLVD IN CHEYENNE FOR THE YEARS 2012 THROUGH APPROXIMATELY FEBRUARY 2014

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION
2013													
05/02/2013	1507	05885	RUE TERRE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/30/2013	1226	13983	RUE TERRE	0	0	Driveway Related	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Daylight	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/08/2013	1355	16702	RUE TERRE	0	0	Business Entrance	Angle Same Direction (Front to Side)	North	Turning Left	Motor Vehicle in Transport on Roadway	Daylight	Ice/Frost	Improper Turn or No Signal
								North	Turning Left	Motor Vehicle in Transport on Roadway		Snow	No Improper Driving

TOTAL CRASHES IN THIS REPORT 3

PDO CRASHES 3
INJURY CRASHES 0
FATAL CRASHES 0

TOTAL PERSONS INJURED 0
TOTAL PERSONS KILLED 0

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2013	0	0	3	0	0	3
TOTAL	**0**	**0**	**3**	**0**	**0**	**3**

***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

CRASH HISTORY FOR RUE TERRE NORTH OF DELL RANGE BLVD
IN CHEYENNE
FOR THE YEARS 2014 THROUGH APPROXIMATELY MAY 2015

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	LIGHT COND	ROAD COND	DRIVER ACTION
2014													
02/05/2014	1735	01814	RUE TERRE	1	0	Intersection Related	Rear End (Front to Rear)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Darkness Lighted	Ice/Frost	Drove too Fast for Conditions
			DEL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway		Snow	No Improper Driving
08/15/2014	1024	10732	RUE TERRE	0	0	Intersection Related	Rear to Front (Normally Backing)	North	Backing	Motor Vehicle in Transport on Roadway	Daylight	Dry	Improper Backing
			DELL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving

TOTAL CRASHES IN THIS REPORT 2

PDO CRASHES 1
INJURY CRASHES 1
FATAL CRASHES 0

TOTAL PERSONS INJURED 1
TOTAL PERSONS KILLED 0

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2014	1	0	1	1	0	2
TOTAL	**1**	**0**	**1**	**1**	**0**	**2**

***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; ann.smith@wyo.gov

CRASH HISTORY FOR PRAIRIE AVE IN THE CITY OF CHEYENNE
FROM POWDERHOUSE RD TO DELL RANGE BLVD
FOR THE YEARS 2009 THROUGH 2011

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD COND	DRIVER ACTION	CITATIONS ISSUED
2009													
01/10/2009	1200	01974	PRAIRIE AVE	0	0	Business Entrance	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
01/14/2009	1426	02105	PRAIRIE AVE	0	0	Intersection Related	Angle Right (Front to Side, includes Broadside)	East	Changing Lanes	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal	Improper Turn
			DELL RANGE BLVD					East	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
01/19/2009	1130	02306	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	Northeast	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
			FRONTIER MALL DR					Southeast	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
01/19/2009	1200	02307	PRAIRIE AVE	0	0	Business Entrance	Angle (Front to Side), Opposing Direction	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	None
								North	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
02/10/2009	1213	03592	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Disregarded Traffic Signs	Disregard Stop Sign
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
03/05/2009	851	04459	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	None
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		Avoiding MV	None
03/10/2009	1757	04668	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Negotiating a Curve	Motor Vehicle in Transport on Roadway		No Improper Driving	None
03/24/2009	1313	05228	PRAIRIE AVE	0	0	Non-Junction	Sideswipe Same Direction (Passing)	West	Changing Lanes	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								West	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
03/26/2009	1715	05212	PRAIRIE AVE	0	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	East	Negotiating a Curve	Fence (including Post)	Snow	Drove too Fast for Conditions	Other
												Ran Off Road	Hit & Run
												Disregarded Other Road Marking	
03/28/2009	1239	05451	PRAIRIE AVE	1	0	Intersection	Angle Same Direction (Front to Side)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal	Improper Turn
			FRONTIER MALL DR						Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	No Insurance
04/13/2009	1204	05438	PRAIRIE AVE	0	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	East	Straight Ahead	End of Drainage Pipe/Structure/Culvert	Dry	Erratic/Reckless/Careless/Aggressive	Careless
04/19/2009	1720	06303	PRAIRIE AVE	0	0	Intersection Related	Rear to Front (Normally Backing)	South	Stopped in Traffic	Motor Vehicle in Transport on Roadway	Dry	No Improper Driving	None
			DELL RANGE BLVD						Backing	Motor Vehicle in Transport on Roadway		Improper Backing	None
05/12/2009	2135	07227	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive	Careless
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		Disregarded Traffic Signs	No Insurance
												No Improper Driving	Disregard Stop Sign
													None
05/18/2009	1216	07441	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
			PRAIRIE AVE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
05/22/2009	1219	07631	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Negotiating a Curve	Motor Vehicle in Transport on Roadway		No Improper Driving	None

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD COND	DRIVER ACTION	CITATIONS ISSUED
06/20/2009	1244	09118	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
06/28/2009	1331	08970	PRAIRIE AVE	0	0	Driveway Related	Rear to Front (Normally Backing)	West	Backing	Motor Vehicle in Transport on Roadway	Dry	Improper Backing	Improper Backing
								East	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	Driver's License Violation
													None
07/01/2009	1313	09212	FRONTIER MALL DR	0	0	Intersection Related	Angle (Front to Side), Opposing Direction	East	Turning Right	Motor Vehicle in Transport on Roadway	Dry	Failed to Keep Proper Lane	None
			PRAIRIE AVE					North	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
07/07/2009	1722	09779	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
08/04/2009	1630	12068	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Ran Red Light	Disregard Stop Light
			PRAIRIE AVE					South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
09/23/2009	1216	13547	PRAIRIE AVE	2	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
09/25/2009	1214	14703	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
			PRAIRIE AVE					West	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
09/29/2009	1405	13689	PRAIRIE AVE	1	0	Non-Junction	Head On (Front to Front)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								East	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
10/13/2009	1740	15185	PRAIRIE AVE	0	0	Business Entrance	Angle Same Direction (Front to Side)	North	Turning Right	Motor Vehicle in Transport on Roadway	Wet	Disregarded Traffic Signs	Disregard Stop Sign
								East	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
10/18/2009	1750	16762	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	South	Negotiating a Curve	Motor Vehicle in Transport on Roadway	Dry	Erratic/Reckless/Careless/Aggressive	None
								East	Straight Ahead	Motor Vehicle in Transport on Roadway		Other Improper Action	None
												No Improper Driving	
11/20/2009	1548	19425	PRAIRIE AVE	3	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Turning Right	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
			FRONTIER MALL DR					West	Turning Right	Motor Vehicle in Transport on Roadway		No Improper Driving	None
11/27/2009	838	19333	PRAIRIE AVE	0	0	Business Entrance	Angle Same Direction (Front to Side)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								North	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
12/05/2009	1510	19581	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	North	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
2010													
01/02/2010	1039	01144	PRAIRIE AVE	0	0	Business Entrance	Angle Same Direction (Front to Side)	West	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								West	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
04/15/2010	1624	04562	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	Registration Violation
													No Insurance
													None
04/22/2010	1428	05747	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Wet	Failed to Yield ROW	Failed to Grant ROW to MV
								West	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None

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04/28/2010	1523	05235	PRAIRIE AVE	0	0	Business Entrance	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
05/07/2010	746	05546	PRAIRIE AVE	2	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	No Improper Driving	Disregard Stop Light
			POWDERHOUSE RD					North	Straight Ahead	Motor Vehicle in Transport on Roadway		Ran Red Light	Failure to Use Seat Belt
													None
05/09/2010	1457	06401	PRAIRIE AVE	1	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	West	Straight Ahead	Raised Median or Curb	Dry	Ran Off Road	Driver's License Violation
													Careless
05/10/2010	1717	06475	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Negotiating a Curve	Motor Vehicle in Transport on Roadway		No Improper Driving	None
05/31/2010	953	07470	PRAIRIE AVE	0	0	Intersection	Angle (Front to Side), Opposing Direction	South	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal	Improper Turn
			POWDERHOUSE RD					North	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
06/02/2010	936	06798	PRAIRIE AVE	0	0	Intersection	Rear End (Front to Rear)	West	Changing Lanes	Motor Vehicle in Transport on Roadway	Dry	Failed to Keep Proper Lane	Improper Lane Use
			POWDERHOUSE RD					West	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
07/13/2010	1348	09491	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	South	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
			PRAIRIE AVE					South	Turning Left	Motor Vehicle in Transport on Roadway		No Improper Driving	None
07/23/2010	2113	10281	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
								North	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	Driver's License Violation
													None
08/03/2010	1820	11291	PRAIRIE AVE	0	0	Intersection	Rear End (Front to Rear)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
			DELL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
08/19/2010	1358	11456	PRAIRIE AVE	0	0	Intersection	Rear End (Front to Rear)	Southwest	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	No Improper Driving	Other
			DELL RANGE BLVD					Southwest	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
09/01/2010	1107	12653	PRAIRIE AVE	1	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	Southeast	Straight Ahead	Other Non-Collision (MC Loss of Control)	Dry	No Improper Driving	Driver's License Violation
09/07/2010	1254	12938	PRAIRIE AVE	0	0	Intersection Related	Rear End (Front to Rear)	South	Slowing	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
			DELL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
09/13/2010	1333	13379	PRAIRIE AVE	1	0	Non-Junction	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
								East	Slowing	Motor Vehicle in Transport on Roadway		Erratic/Reckless/Careless/Aggressive	Careless
09/19/2010	1948	12574	PRAIRIE AVE	0	0	Non-Junction	Sideswipe Same Direction (Passing)	East	Negotiating a Curve	Motor Vehicle in Transport on Roadway	Dry	Failed to Keep Proper Lane	Improper Lane Use
								East	Negotiating a Curve	Motor Vehicle in Transport on Roadway		No Improper Driving	No Insurance
													None
09/25/2010	1824	13789	PRAIRIE AVE	1	0	Business Entrance	Angle (Front to Side), Opposing Direction	North	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	None
								East	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
10/12/2010	1236	14089	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Following too Close	Following too Close
			PRAIRIE AVE					West	Slowing	Motor Vehicle in Transport on Roadway		No Improper Driving	No Insurance
													None
11/03/2010	1049	14999	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Other
								Southeast	Negotiating a Curve	Motor Vehicle in Transport on Roadway		No Improper Driving	None

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; Ann.Smith@wyo.gov

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11/06/2010	1800	15726	PRAIRIE AVE	0	0	Business Entrance	Angle (Front to Side), Opposing Direction	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
11/08/2010	1727	15308	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Negotiating a Curve	Motor Vehicle in Transport on Roadway		No Improper Driving	None
								North	Stopped in Traffic	Motor Vehicle in Transport on Roadway		No Improper Driving	None
11/11/2010	1146	16325	PRAIRIE AVE	0	0	Business Entrance	Angle Same Direction (Front to Side)	East	Turning Right	Motor Vehicle in Transport on Roadway	Snow	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
11/14/2010	1433	16090	PRAIRIE AVE	0	0	Driveway Related	Angle Same Direction (Front to Side)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Wet	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
11/26/2010	1625	16728	POWDERHOUSE RD	1	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Ran Red Light	Disregard Stop Light
			PRAIRIE AVE					North	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
12/22/2010	943	18508	DELL RANGE BLVD	0	0	Intersection	Angle Same Direction (Front to Side)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Wet	Failed to Keep Proper Lane	Improper Lane Use
			PRAIRIE AVE					Southeast	Turning Left	Motor Vehicle in Transport on Roadway		No Improper Driving	None
2011													
01/07/2011	1606	00334	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		Disregarded Traffic Signs	None
												No Improper Driving	
01/23/2011	1206	01412	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Failed to Grant ROW to MV
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
02/02/2011	944	02723	PRAIRIE AVE	0	0	Business Entrance	Angle Same Direction (Front to Side)	North	Turning Right	Motor Vehicle in Transport on Roadway	Dry	Unknown	None
								North	Straight Ahead	Motor Vehicle in Transport on Roadway		Unknown	None
02/08/2011	1059	02695	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Turning Left	Motor Vehicle in Transport on Roadway	Snow	Failed to Yield ROW	Careless
			FRONTIER MALL DR					East	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
02/10/2011	1522	02753	POWDERHOUSE RD	0	0	Intersection Related	Rear End (Front to Rear)	South	Slowing	Motor Vehicle in Transport on Roadway	Wet	Drove too Fast for Conditions	Careless
			PRAIRIE AVE					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway	Ice/Frost	No Improper Driving	None
02/15/2011	1845	03330	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	No Insurance
03/31/2011	1744	04831	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	Northwest	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
			FRONTIER MALL DR					Northeast	Straight Ahead	Motor Vehicle in Transport on Roadway		No Improper Driving	None
04/04/2011	1228	04994	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	Southeast	Turning Right	Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW	Disregard Stop Sign
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		Disregarded Traffic Signs	None
												No Improper Driving	
04/28/2011	1855	05960	DELL RANGE BLVD	2	0	Intersection Related	Rear End (Front to Rear)	West	Changing Lanes	Other Non-Collision (MC Loss of Control)	Dry	Erratic/Reckless/Careless/Aggressive	Reckless Driving
			PRAIRIE AVE					West	Stopped in Traffic	Other Non-Collision (MC Loss of Control)		No Improper Driving	Speed too Fast
													None
05/13/2011	1315	06864	PRAIRIE AVE	2	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	East	Straight Ahead	Other Non-Collision (MC Loss of Control)	Dry	Ran Off Road	Driver's License Violation
06/21/2011	1413	08167	DELL RANGE BLVD	0	0	Intersection	Sideswipe Same Direction (Passing)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Dry	Improper Turn or No Signal	Improper Turn
			PRAIRIE AVE					Southeast	Turning Left	Motor Vehicle in Transport on Roadway		No Improper Driving	None

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD COND	DRIVER ACTION	CITATIONS ISSUED
07/30/2011	1012	10609	PRAIRIE AVE DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	North North	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Following too Close No Improper Driving	Following too Close No Insurance None
08/06/2011	1216	10563	PRAIRIE AVE FRONTIER MALL DR	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	Southeast West	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving	Failed to Grant ROW to MV None
08/16/2011	1821	10964	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	Northeast South	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving	Failed to Grant ROW to MV Other None
08/19/2011	2132	11688	PRAIRIE AVE FRONTIER MALL DR	0	0	Intersection Related	Angle Right (Front to Side, includes Broadside)	North East	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving	Disregard Stop Sign No Insurance Driver's License Violation None
10/08/2011	1316	14266	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West South	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Wet Snow	Drove too Fast for Conditions No Improper Driving	Speed too Fast None
10/30/2011	950	15134	PRAIRIE AVE	0	0	Non-Junction	Angle Same Direction (Front to Side)	South South	Changing Lanes Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Failed to Keep Proper Lane Failed to Keep Proper Lane	None None
10/31/2011	1516	14656	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East South	Straight Ahead Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Disregarded Traffic Signs No Improper Driving	Failed to Grant ROW to MV None
11/04/2011	1225	15038	DELL RANGE BLVD PRAIRIE AVE	0	0	Intersection Related	Rear End (Front to Rear)	Unknown West	Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Unknown No Improper Driving	None None
12/05/2011	1736	17077	DELL RANGE BLVD PRAIRIE AVE	1	0	Intersection	Angle Right (Front to Side, includes Broadside)	East West West South	Turning Left Straight Ahead Straight Ahead Stopped in Traffic	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry Ice/Frost	Failed to Yield ROW No Improper Driving No Improper Driving No Improper Driving	Improper Turn None None None
12/06/2011	1602	16793	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	North South	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry Ice/Frost	Failed to Yield ROW No Improper Driving	Improper Turn None
12/12/2011	1256	17223	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East South	Turning Left Straight Ahead	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry Wet	Failed to Yield ROW No Improper Driving	Other None
12/18/2011	1807	17574	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	South South	Turning Right Turning Left	Motor Vehicle in Transport on Roadway Motor Vehicle in Transport on Roadway	Dry	Failed to Yield ROW No Improper Driving	None None

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	ROAD COND	DRIVER ACTION	CITATIONS ISSUED

TOTAL CRASHES IN THIS REPORT 77

PDO CRASHES 58
INJURY CRASHES 19
FATAL CRASHES 0

TOTAL PERSONS INJURED 25
TOTAL PERSONS KILLED 0

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2009	10	0	21	7	0	28
2010	7	0	20	6	0	26
2011	8	0	17	6	0	23
TOTAL	**25**	**0**	**58**	**19**	**0**	**77**

***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; Ann.Smith@wyo.gov

CRASH HISTORY FOR PRAIRIE AVE FROM POWDERHOUSE RD TO DELL RANGE BLVD IN THE CITY OF CHEYENNE FOR THE YEARS 2012 THROUGH APPROXIMATELY FEBRUARY 2014

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION
2012													
01/31/2012	1427	01636	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/01/2012	1930	01702	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Other Improper Action
			FRONTIER MALL DR					South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/24/2012	1710	02788	PRAIRIE AVE	2	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/27/2012	1012	03148	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Disregarded Traffic Signs
			PRAIRIE AVE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
03/05/2012	1741	03539	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Ran Red Light
			PRAIRIE AVE					South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
03/12/2012	1240	03442	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
03/16/2012	1120	03612	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
03/17/2012	1610	03873	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Turning Left	Motor Vehicle in Transport on Roadway	Saturday	Dry	Failed to Yield ROW
			PRAIRIE AVE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
04/28/2012	1925	05288	DELL RANGE BLVD	1	0	Intersection	Not a Collision w/2 Vehicles in Transport	West	Straight Ahead	Pedestrian	Saturday	Dry	No Improper Driving
			PRAIRIE AVE										
05/07/2012	1200	05723	PRAIRIE AVE	1	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	East	Straight Ahead	Other Non-Collision (MC Loss of Control)	Monday	Dry	No Improper Driving
05/20/2012	1435	06385	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Sunday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/01/2012	1346	07009	PRAIRIE AVE	0	0	Driveway Related	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/16/2012	2105	07541	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Saturday	Dry	Ran Red Light
			POWDERHOUSE RD					South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/27/2012	1625	07716	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Following too Close
			PRAIRIE AVE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
06/30/2012	1030	08151	PRAIRIE AVE	0	0	Intersection	Angle Same Direction (Front to Side)	East	Turning Left	Motor Vehicle in Transport on Roadway	Saturday	Dry	Unknown
			DELL RANGE BLVD					East	Turning Left	Motor Vehicle in Transport on Roadway			Unknown
07/07/2012	1951	08832	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Saturday	Wet	Other Improper Action
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
07/25/2012	1907	10282	PRAIRIE AVE	1	0	Intersection	Not a Collision w/2 Vehicles in Transport	West	Straight Ahead	Pedacycle	Wednesday	Dry	No Improper Driving
			ALLEY										
09/03/2012	1239	11707	FRONTIER MALL DR	0	0	Intersection	Angle (Front to Side), Opposing Direction	North	Turning Left	Motor Vehicle in Transport on Roadway	Monday	Dry	No Improper Driving
			PRAIRIE AVE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION
10/19/2012	1435	14545	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
11/06/2012	2352	14409	PRAIRIE AVE	2	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	South	Straight Ahead	Utility Pole/Light Support	Tuesday	Dry	Erratic/Reckless/Careless/Ag
11/23/2012	1442	15205	FRONTIER MALL DR	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
			PRAIRIE AVE					East	Negotiating a Curve	Motor Vehicle in Transport on Roadway			No Improper Driving
12/04/2012	1658	16178	DELL RANGE BLVD	2	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Following too Close
			PRAIRIE AVE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
2013													
01/01/2013	500	00267	PRAIRIE AVE	1	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	West	Straight Ahead	Concrete Traffic Barrier/Jersey Barrier	Tuesday	Dry	Unknown
01/16/2013	2019	01454	DELL RANGE BLVD	4	0	Intersection Related	Rear to Side (Normally Backing)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Wet	Drove too Fast for Conditions
			PRAIRIE AVE					East	Straight Ahead	Motor Vehicle in Transport on Roadway		Ice/Frost	Swerve Due to Wind/Slippery
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
													No Improper Driving
02/12/2013	1322	01920	PRAIRIE AVE	0	0	Intersection	Sideswipe Same Direction (Passing)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Keep Proper Lane
			DELL RANGE BLVD					Southeast	Turning Left	Motor Vehicle in Transport on Roadway			No Improper Driving
03/02/2013	1605	03214	PRAIRIE AVE	0	0	Non-Junction	Sideswipe Same Direction (Passing)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Saturday	Dry	Improper Passing
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
03/11/2013	1315	04357	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
04/16/2013	1232	04926	PRAIRIE AVE	0	0	Driveway Related	Not a Collision w/2 Vehicles in Transport	East	Straight Ahead	Raised Median or Curb	Tuesday	Snow	Drove too Fast for Conditions
05/03/2013	1317	05887	POWDERHOUSE RD	0	0	Intersection	Head On (Front to Front)	South	Turning Left	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
			PRAIRIE AVE					North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
05/04/2013	1330	05991	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Turning Left	Motor Vehicle in Transport on Roadway	Saturday	Dry	Failed to Yield ROW
			PRAIRIE AVE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/06/2013	1122	07167	DELL RANGE BLVD	1	0	Intersection Related	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Thursday	Dry	Erratic/Reckless/Careless/Ag
			PRAIRIE AVE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
06/09/2013	1140	07777	PRAIRIE AVE	1	0	Driveway Related	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Sunday	Dry	No Improper Driving
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW
06/20/2013	842	07774	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Thursday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
07/12/2013	1405	08795	PRAIRIE AVE	0	0	Non-Junction	Sideswipe Same Direction (Passing)	West	Unknown	Motor Vehicle in Transport on Roadway	Friday	Dry	Unknown
								West	Unknown	Motor Vehicle in Transport on Roadway			Unknown
07/19/2013	1218	09174	PRAIRIE AVE	1	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Turning Right	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
07/24/2013	1046	09363	PRAIRIE AVE	1	0	Intersection	Angle (Front to Side), Opposing Direction	Southwest	Turning Left	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Failed to Yield ROW
			POWDERHOUSE RD					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION
07/25/2013	1011	09596	PRAIRIE AVE FRONTIER MALL DR	0	0	Intersection Related	Not a Collision w/2 Vehicles in Transport	East	Negotiating a Curve	Other Fixed Object	Thursday	Dry	Ran Off Road
07/29/2013	1344	09486	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Turning Right	Motor Vehicle in Transport on Roadway	Monday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
08/08/2013	1200	09946	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	North	Turning Left	Motor Vehicle in Transport on Roadway	Thursday	Dry	No Improper Driving
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW
08/13/2013	1914	10368	PRAIRIE AVE FRONTIER MALL DR	0	0	Intersection	Angle (Front to Side), Opposing Direction	East	Turning Left	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
09/12/2013	1151	11525	PRAIRIE AVE	1	0	Business Entrance	Angle Same Direction (Front to Side)	North	Turning Left	Motor Vehicle in Transport on Roadway	Thursday	Wet	Failed to Yield ROW
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/16/2013	1350	13311	PRAIRIE AVE FRONTIER MALL DR	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Failed to Yield ROW
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/22/2013	927	13549	PRAIRIE AVE	1	0	Driveway Related	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/28/2013	2010	13760	DELL RANGE BLVD PRAIRIE AVE	0	0	Intersection	Angle Same Direction (Front to Side)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Monday	Wet	Improper Turn or No Signal
								Southeast	Turning Left	Motor Vehicle in Transport on Roadway			No Improper Driving
10/30/2013	1706	13887	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Failed to Yield ROW
								South	Negotiating a Curve	Motor Vehicle in Transport on Roadway			No Improper Driving
12/06/2013	1607	16397	DELL RANGE BLVD PRAIRIE AVE	0	0	Intersection Related	Rear End (Front to Rear)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Ice/Frost	Drove too Fast for Conditions
								South	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
12/10/2013	1126	16565	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Tuesday	Snow	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/10/2013	1418	16573	PRAIRIE AVE	1	0	Business Entrance	Angle (Front to Side), Opposing Direction	Southeast	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Snow	Drove too Fast for Conditions
								Northwest	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/10/2013	1334	16586	PRAIRIE AVE	2	0	Non-Junction	Head On (Front to Front)	Southeast	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Ice/Frost	Drove too Fast for Conditions
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/22/2013	1721	17337	DELL RANGE BLVD PRAIRIE AVE	3	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Sunday	Dry	Erratic/Reckless/Careless/Ag
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
								East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
12/23/2013	1505	17479	FRONTIER MALL DR PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Failed to Yield ROW
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/23/2013	1602	17480	DELL RANGE BLVD PRAIRIE AVE	3	0	Intersection	Angle Same Direction (Front to Side)	West	Turning Left	Motor Vehicle in Transport on Roadway	Monday	Dry	Improper Turn or No Signal
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
2014													
01/01/2014	1751	00009	PRAIRIE AVE DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Ice/Frost	Drove too Fast for Conditions
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			Improper Backing
													No Improper Driving
01/10/2014	600	00304	POWDERHOUSE RD PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Dry	Disregarded Traffic Signs
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION
02/07/2014	1355	01949	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Wet	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/11/2014	1021	02074	POWDERHOUSE RD	2	0	Intersection	Head On (Front to Front)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
			PRAIRIE AVE					North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/13/2014	1742	02527	PRAIRIE AVE	0	0	Non-Junction	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Thursday	Dry	Erratic/Reckless/Careless/Ag
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW
													No Improper Driving

TOTAL CRASHES IN THIS REPORT 57

PDO CRASHES 36
INJURY CRASHES 21
FATAL CRASHES 0

TOTAL PERSONS INJURED 33
TOTAL PERSONS KILLED 0

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2012	9	0	16	6	0	22
2013	21	0	17	13	0	30
2014	3	0	3	2	0	5
TOTAL	**33**	**0**	**36**	**21**	**0**	**57**

***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

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CRASH HISTORY FOR PRAIRIE AVE FROM POWDERHOUSE RD TO DELL RANGE BLVD IN THE CITY OF CHEYENNE FOR THE YEARS 2014 THROUGH APPROXIMATELY MAY 2015

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION
2014													
01/01/2014	1751	00009	PRAIRIE AVE	0	0	Business Entrance	Rear End (Front to Rear)	East	Slowing	Motor Vehicle in Transport on Roadway	Wednesday	Ice/Frost	Drove too Fast for Conditions
								East	Slowing	Motor Vehicle in Transport on Roadway			Improper Backing
													No Improper Driving
01/10/2014	600	00304	POWDERHOUSE RD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Dry	Disregarded Traffic Signs
			PRAIRIE AVE					South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/07/2014	1355	01949	PRAIRIE AVE	1	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Friday	Wet	Failed to Yield ROW
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/11/2014	1021	02074	POWDERHOUSE RD	0	0	Intersection	Head On (Front to Front)	Southeast	Turning Left	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
			PRAIRIE AVE					North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
02/13/2014	1742	02527	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Thursday	Dry	Erratic/Reckless/Careless/Ag
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW
													No Improper Driving
03/21/2014	1447	04287	PRAIRIE AVE	0	0	Business Entrance	Sideswipe Same Direction (Passing)	North	Turning Right	Motor Vehicle in Transport on Roadway	Friday	Dry	Erratic/Reckless/Careless/Ag
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
04/16/2014	1416	05420	PRAIRIE AVE	0	0	Driveway Related	Angle Right (Front to Side, includes Broadside)	East	Entering a Traffic Lane	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
06/17/2014	1206	07808	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Following too Close
			PRAIRIE AVE					East	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
06/27/2014	1057	08312	DELL RANGE BLVD	0	0	Intersection Related	Not a Collision w/2 Vehicles in Transport	Northwest	Straight Ahead	Raised Median or Curb	Friday	Dry	Erratic/Reckless/Careless/Ag
			PRAIRIE AVE										
07/01/2014	1252	08479	PRAIRIE AVE	5	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Disregarded Traffic Signs
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			Failed to Yield ROW
													No Improper Driving
07/02/2014	1631	08483	PRAIRIE AVE	0	0	Non-Junction	Sideswipe Same Direction (Passing)	South	Changing Lanes	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Erratic/Reckless/Careless/Ag
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
07/02/2014	1317	08639	FRONTIER MALL DR	0	0	Intersection	Angle (Front to Side), Opposing Direction	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Failed to Yield ROW
			PRAIRIE AVE					South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
07/26/2014	1238	09648	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	Northeast	Straight Ahead	Motor Vehicle in Transport on Roadway	Saturday	Dry	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
08/11/2014	2331	10570	PRAIRIE AVE	1	0	Non-Junction	Not a Collision w/2 Vehicles in Transport	West	Unknown	Other Non-Collision (MC Loss of Control)	Monday	Dry	Erratic/Reckless/Careless/Ag
													Failed to Keep Proper Lane
													Ran Off Road
09/02/2014	1415	11594	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
09/09/2014	1700	11774	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Dry	Failed to Yield ROW
								East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving

CREATED BY: Ann Smith; WYDOT Highway Safety; (307) 777-4258; Ann.Smith@wyo.gov

DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION
10/10/2014	1558	13498	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	South	Negotiating a Curve	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
								West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
10/13/2014	1520	13599	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	East	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Following too Close
			PRAIRIE AVE					East	Straight Ahead	Motor Vehicle in Transport on Roadway			Unknown
11/05/2014	1511	14474	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	Southwest	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
11/08/2014	1120	14620	PRAIRIE AVE	0	0	Intersection	Angle (Front to Side), Opposing Direction	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Saturday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
11/17/2014	1236	15363	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Monday	Dry	Disregarded Traffic Signs
								North	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
11/21/2014	1338	16061	PRAIRIE AVE	0	1	Intersection	Angle Right (Front to Side, includes Broadside)	Northeast	Turning Left	Motor Vehicle in Transport on Roadway	Friday	Dry	Failed to Yield ROW
			FRONTIER MALL DR					Southeast	Negotiating a Curve	Motor Vehicle in Transport on Roadway			Speeding
12/21/2014	1718	17599	DELL RANGE BLVD	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	South	Turning Left	Motor Vehicle in Transport on Roadway	Sunday	Wet	Failed to Yield ROW
			PRAIRIE AVE					West	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving
12/26/2014	1455	17627	PRAIRIE AVE	0	0	Business Entrance	Angle Right (Front to Side, includes Broadside)	West	Turning Left	Motor Vehicle in Transport on Roadway	Friday	Ice/Frost	Failed to Yield ROW
								South	Straight Ahead	Motor Vehicle in Transport on Roadway		Snow	No Improper Driving
12/30/2014	1459	17941	POWDERHOUSE RD	1	0	Intersection Related	Rear End (Front to Rear)	South	Straight Ahead	Motor Vehicle in Transport on Roadway	Tuesday	Ice/Frost	Drove too Fast for Conditions
			PRAIRIE AVE					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway		Snow	No Improper Driving
2015													
01/03/2015	1433	00270	PRAIRIE AVE	0	0	Intersection Related	Rear End (Front to Rear)	South	Slowing	Motor Vehicle in Transport on Roadway	Saturday	Ice/Frost	Drove too Fast for Conditions
			DELL RANGE BLVD					South	Stopped in Traffic	Motor Vehicle in Transport on Roadway		Snow	No Improper Driving
01/10/2015	1204	00380	DELL RANGE BLVD	0	0	Intersection Related	Rear End (Front to Rear)	West	Straight Ahead	Motor Vehicle in Transport on Roadway	Saturday	Dry	Following too Close
			PRAIRIE AVE					West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
								West	Stopped in Traffic	Motor Vehicle in Transport on Roadway			No Improper Driving
03/07/2015	1238	02788	PRAIRIE AVE	0	0	Business Entrance	Angle Same Direction (Front to Side)	South	Turning Right	Motor Vehicle in Transport on Roadway	Saturday	Dry	Unknown
								South	Turning Left	Motor Vehicle in Transport on Roadway			Unknown
03/11/2015	1520	03088	PRAIRIE AVE	0	0	Intersection	Angle Right (Front to Side, includes Broadside)	North	Straight Ahead	Motor Vehicle in Transport on Roadway	Wednesday	Dry	Disregarded Traffic Signs
			FRONTIER MALL DR					East	Straight Ahead	Motor Vehicle in Transport on Roadway			No Improper Driving

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DATE	TIME	REPORT NUMBER	CRASH LOCATION	NUM INJ	NUM KIL	JUNCTION RELATION	MANNER_OF COLLISION	DIRECTION	ACTIVITY PRIOR	FIRST HARMFUL EVENT	DAY OF WEEK	ROAD COND	DRIVER ACTION

TOTAL CRASHES IN THIS REPORT 29

PDO CRASHES 24
INJURY CRASHES 4
FATAL CRASHES 1

TOTAL PERSONS INJURED 8
TOTAL PERSONS KILLED 1

	NUMBER PERSONS INJURED	NUMBER PERSONS KILLED	PDO* CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
2014	8	1	20	4	1	25
2015	0	0	4	0	0	4
TOTAL	**8**	**1**	**24**	**4**	**1**	**29**

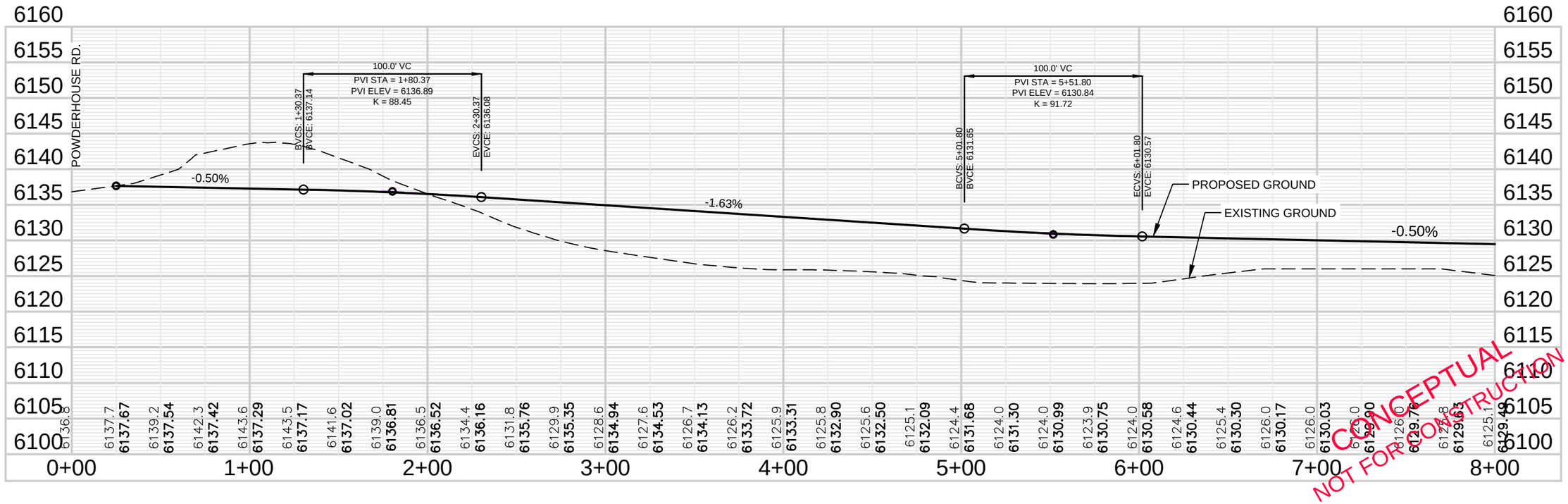
***PDO = Property Damage Only Crashes; No Injuries, No Fatalities**

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APPENDIX F

SECTION 20 PLAN AND PROFILES PRAIRIE AVENUE CONCEPTUAL PLANS





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AYRES ASSOCIATES
Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

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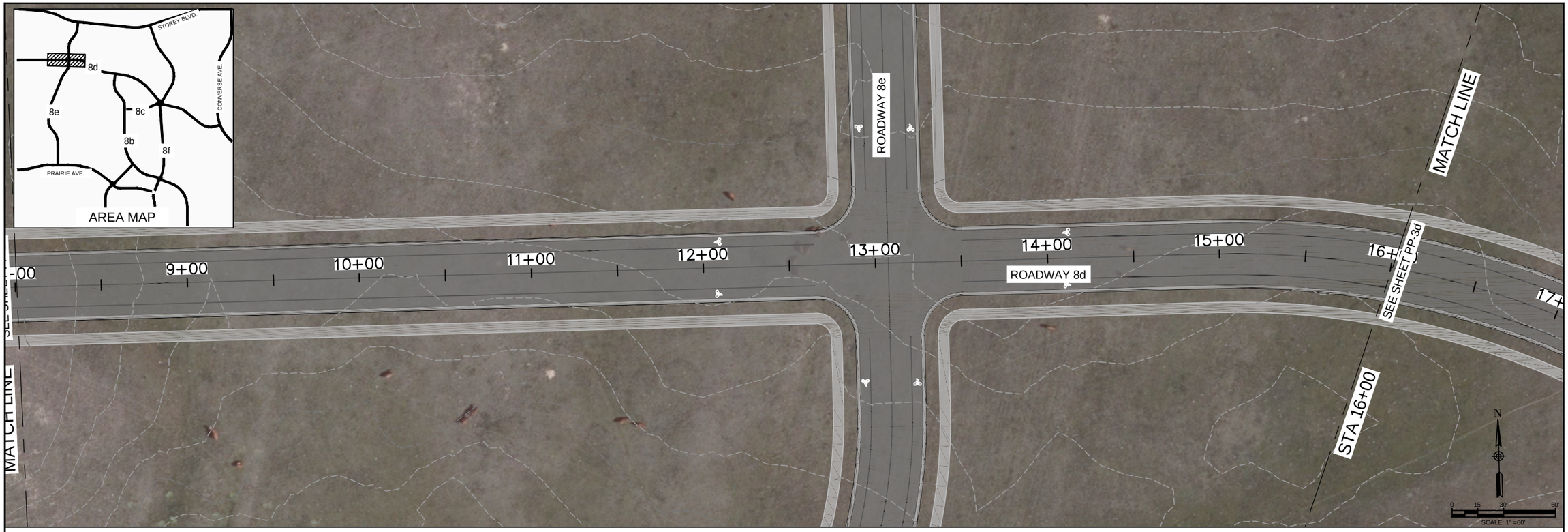
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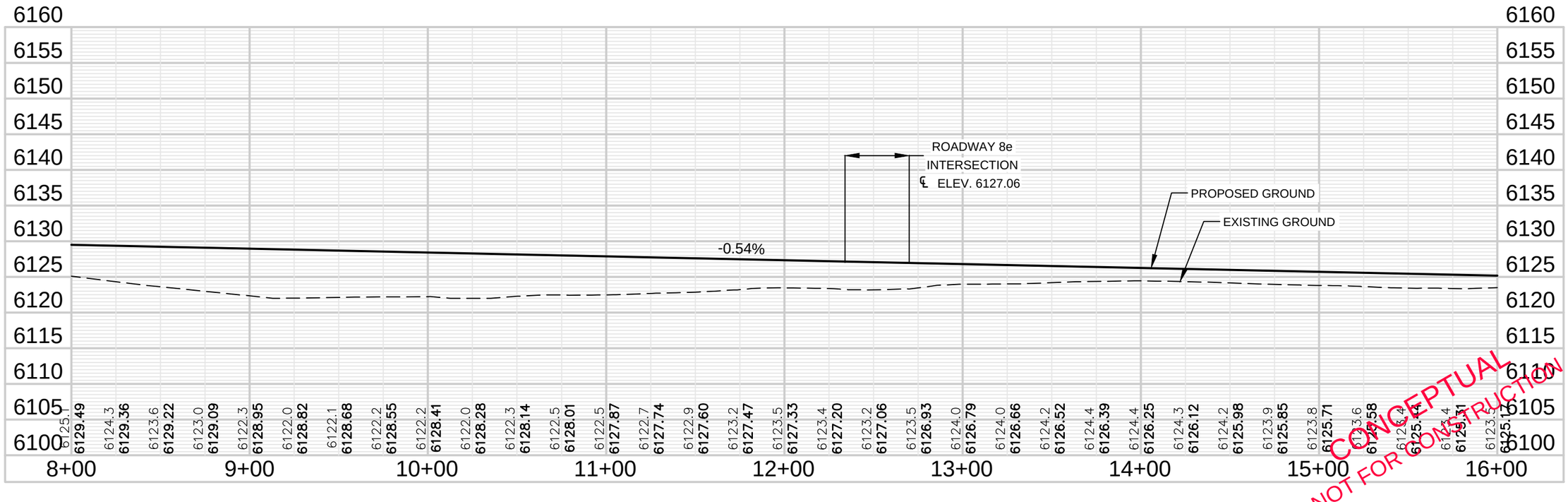
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214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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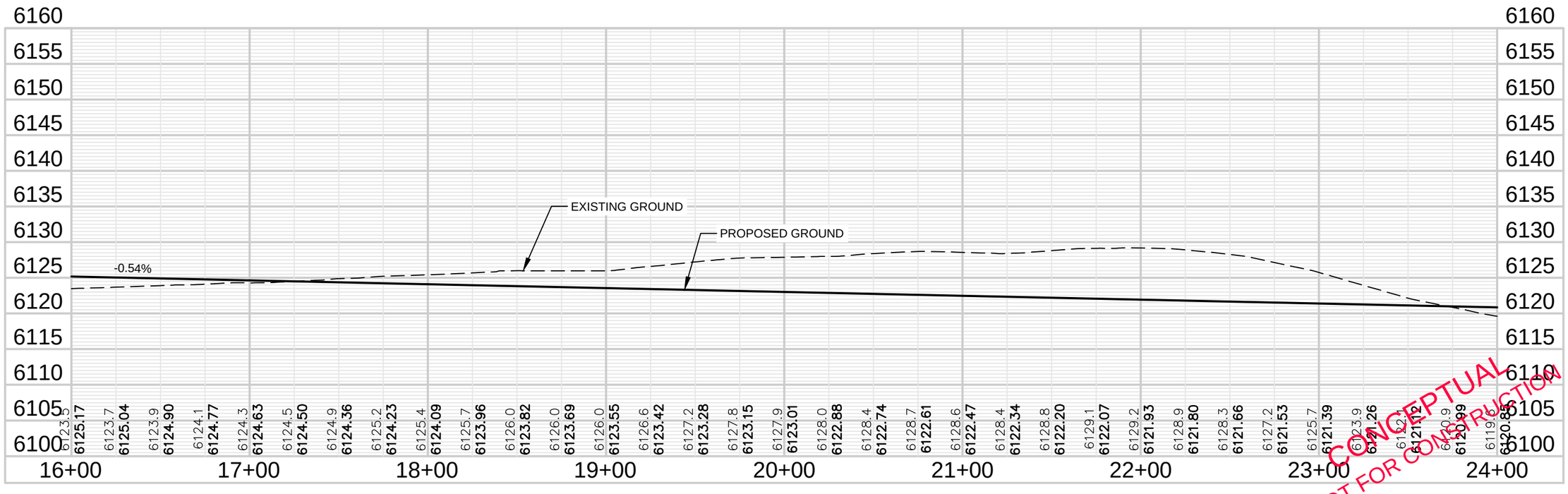
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214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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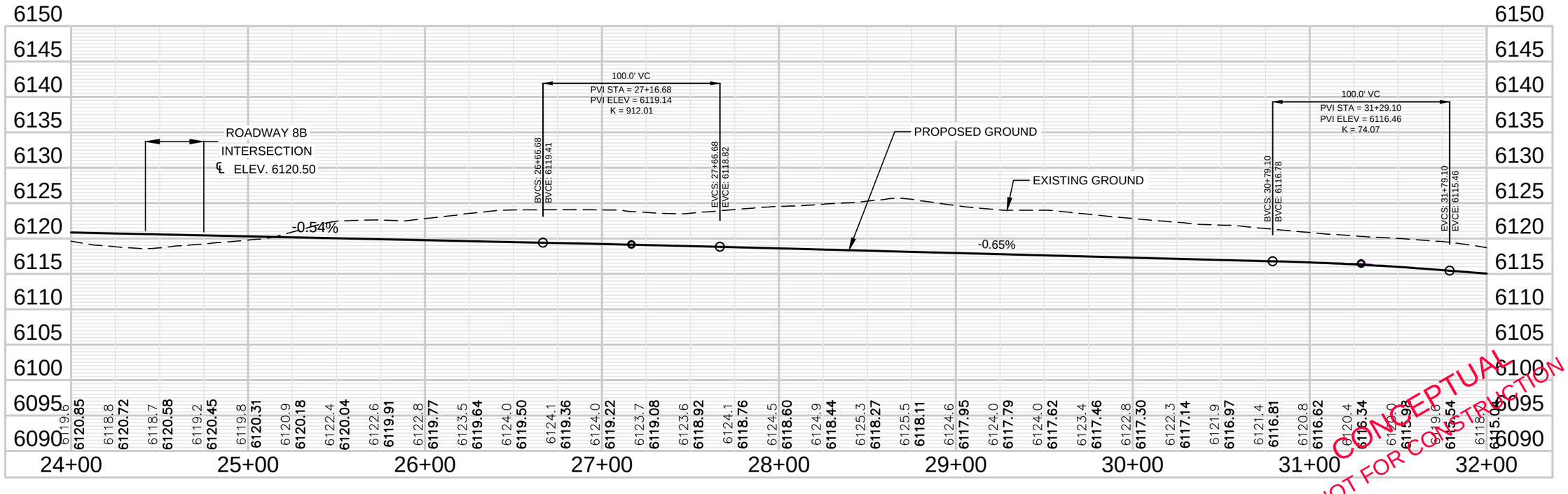
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214 West Lincolnway, Suite 22
Cheyenne, WY 82001
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Fax: (307) 634-2353

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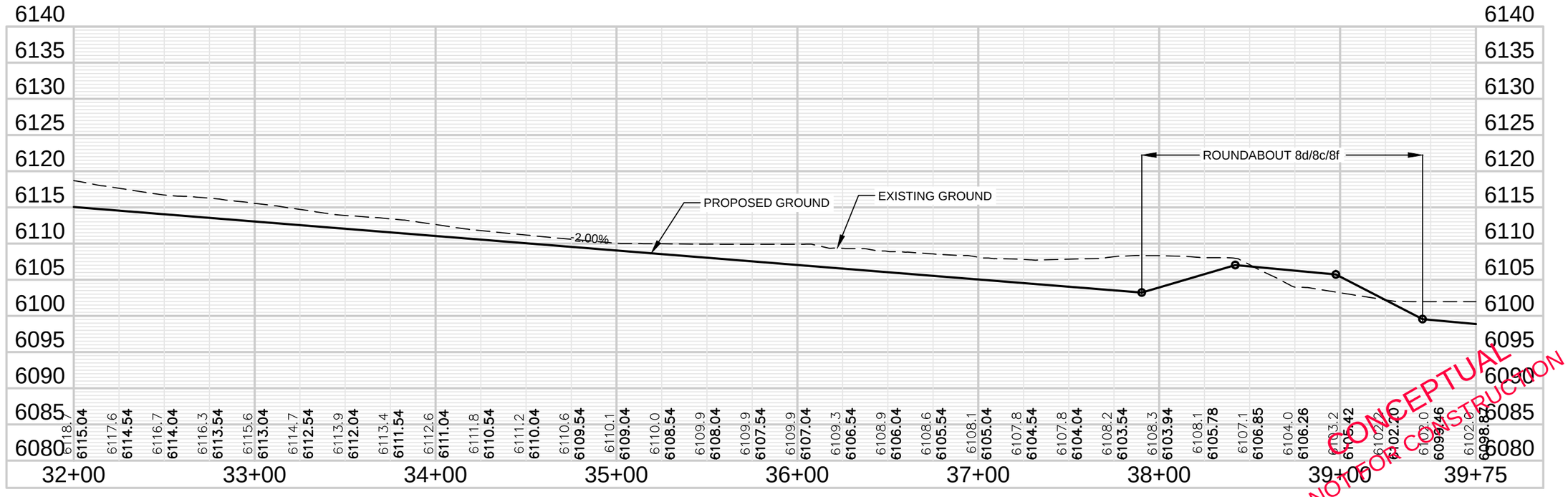
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214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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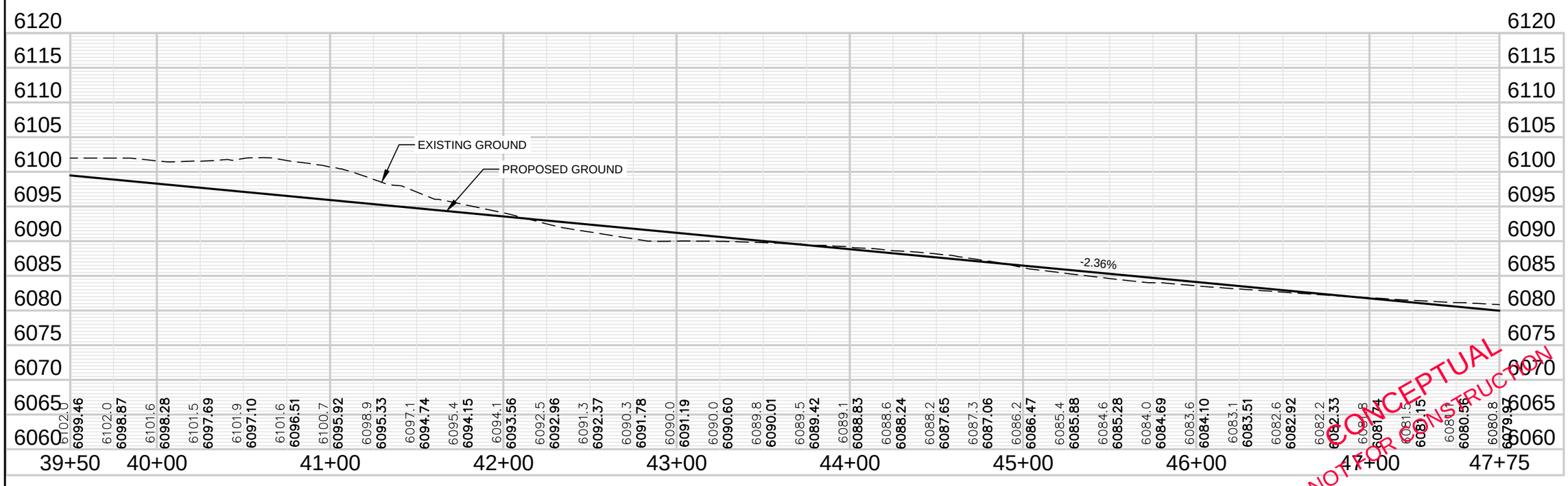
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Engineers/Scientists/Surveyors
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Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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SECTION 20
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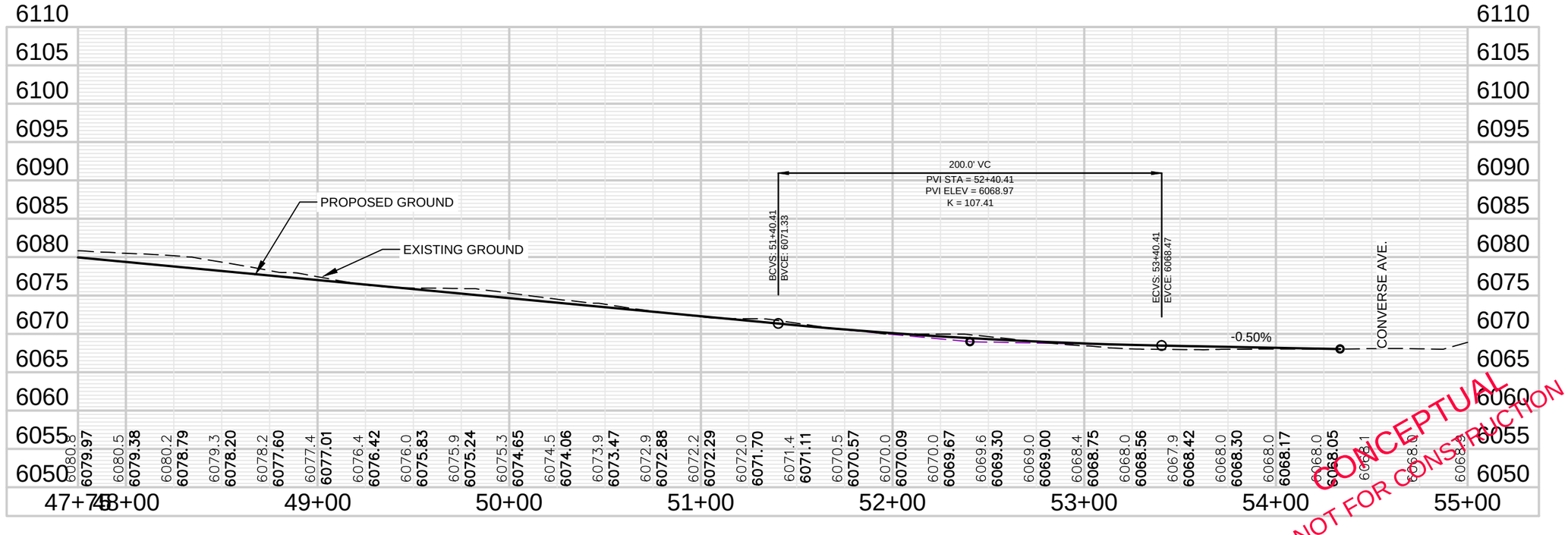
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Cheyenne, WY 82001
Phone: (307) 634-9888
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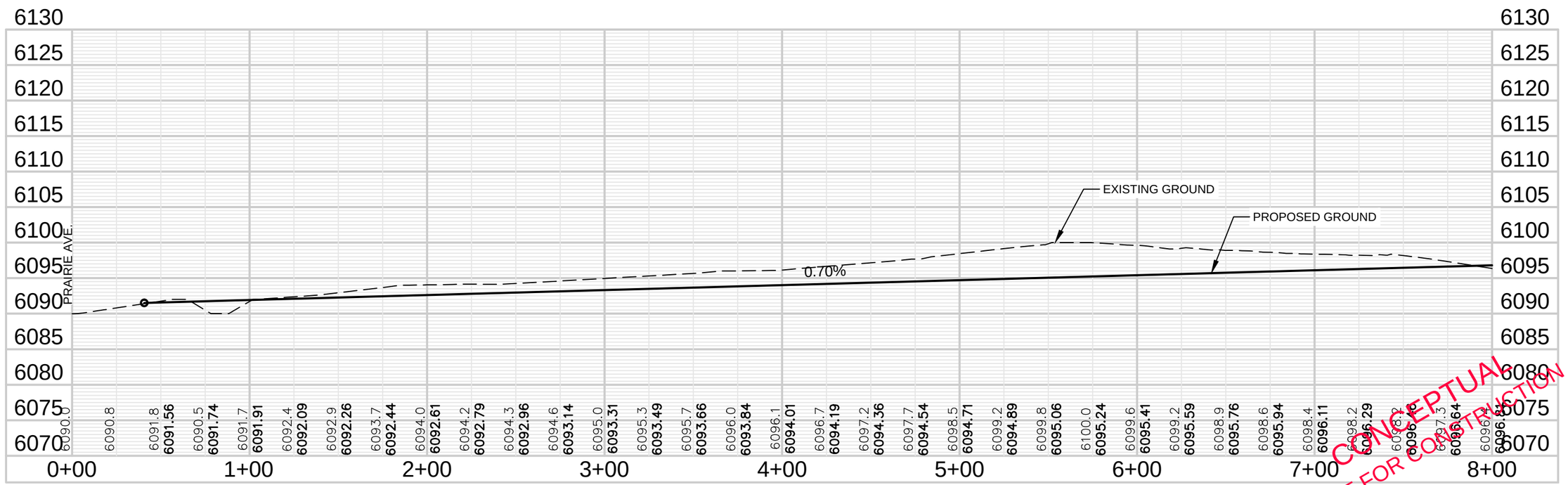
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214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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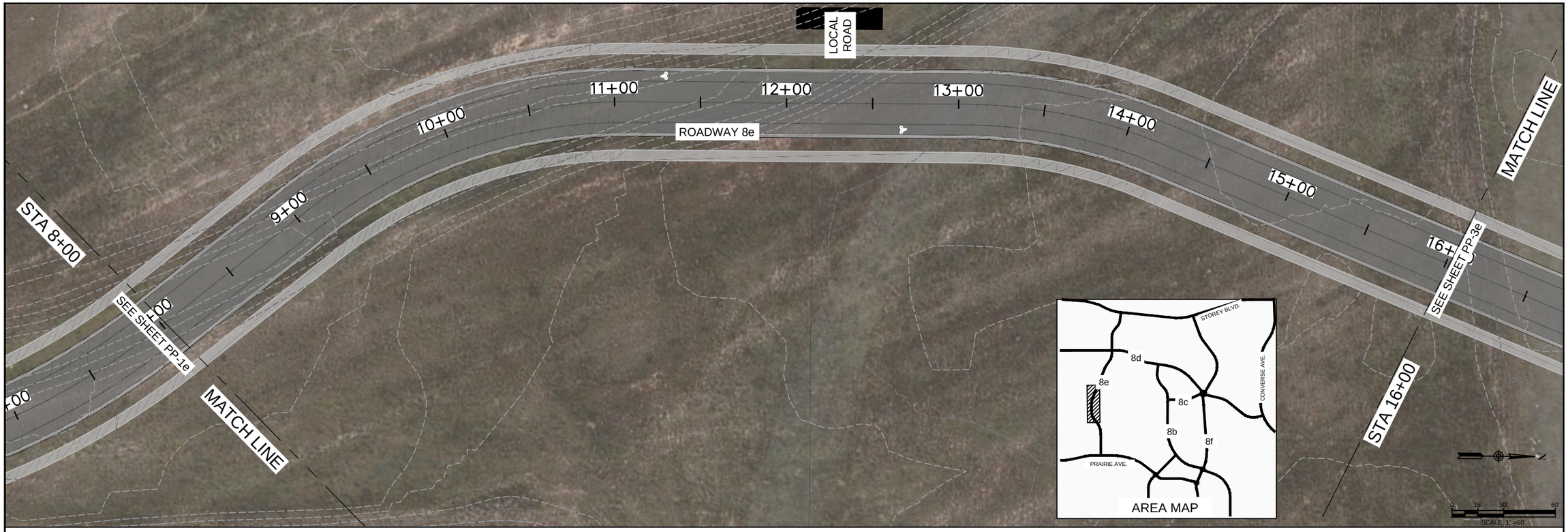
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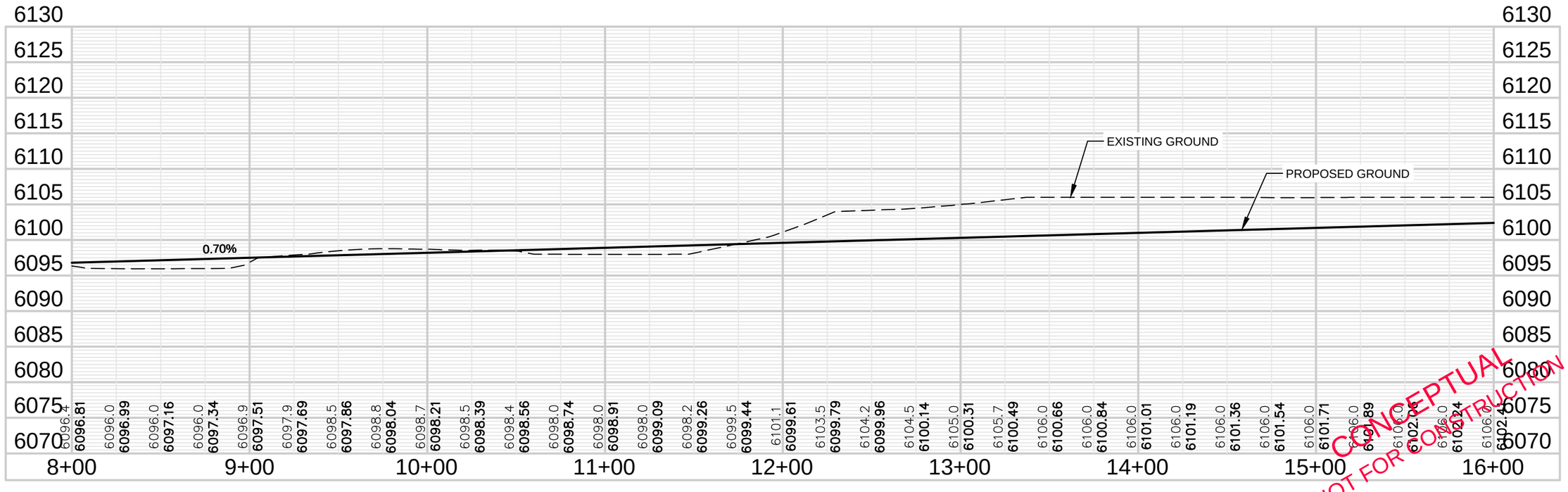
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Engineers/Scientists/Surveyors
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Cheyenne, WY 82001
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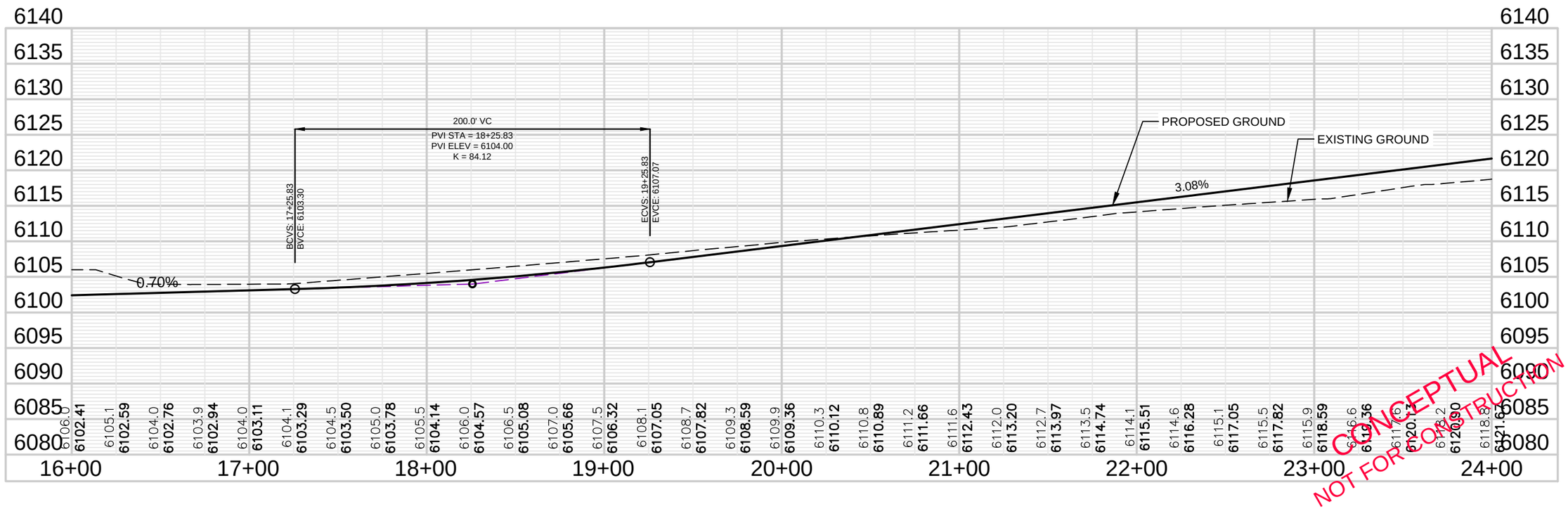
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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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PLAN AND PROFILE

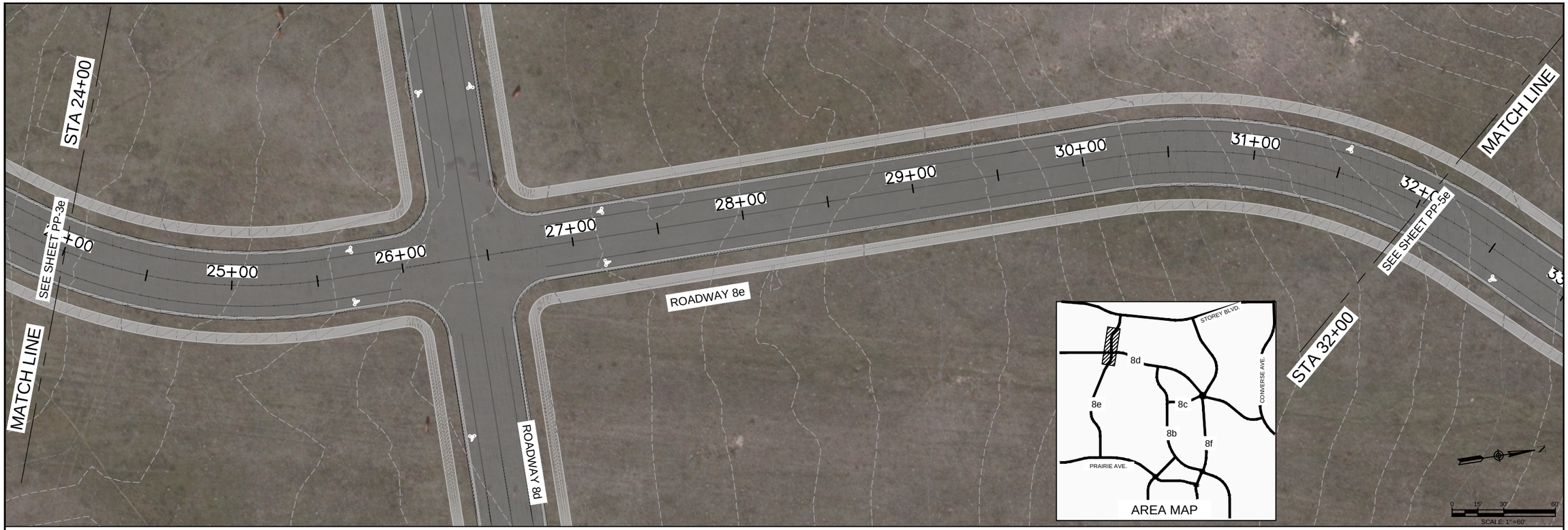
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CONCEPTUAL ROADWAY LAYOUT

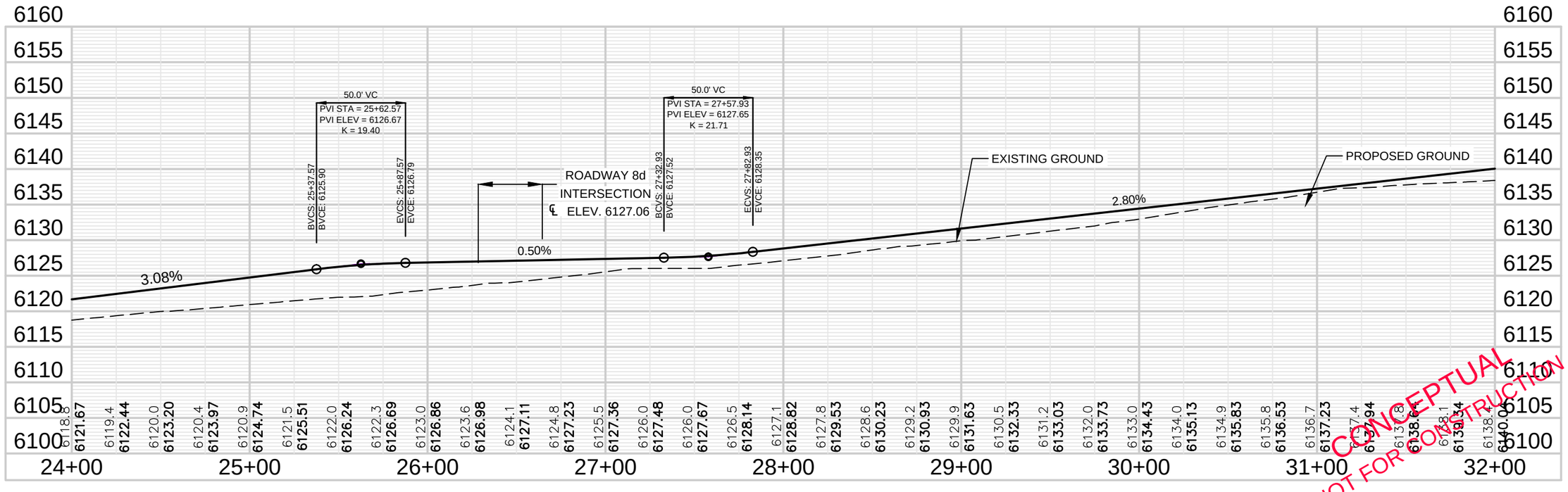
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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PROPOSED ROADWAY 8e
PLAN AND PROFILE

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SECTION 20
CONCEPTUAL ROADWAY LAYOUT

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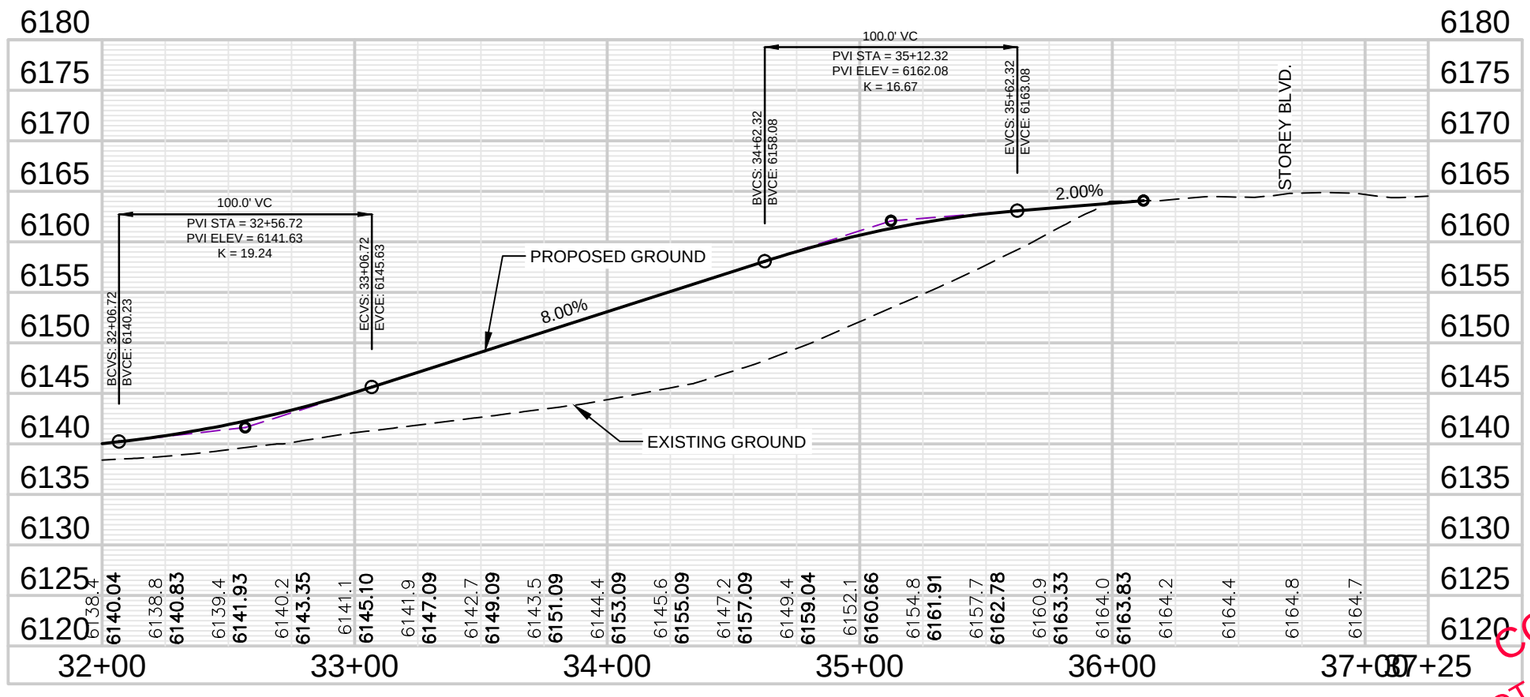
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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

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CONCEPTUAL ROADWAY LAYOUT

Revisions	Date

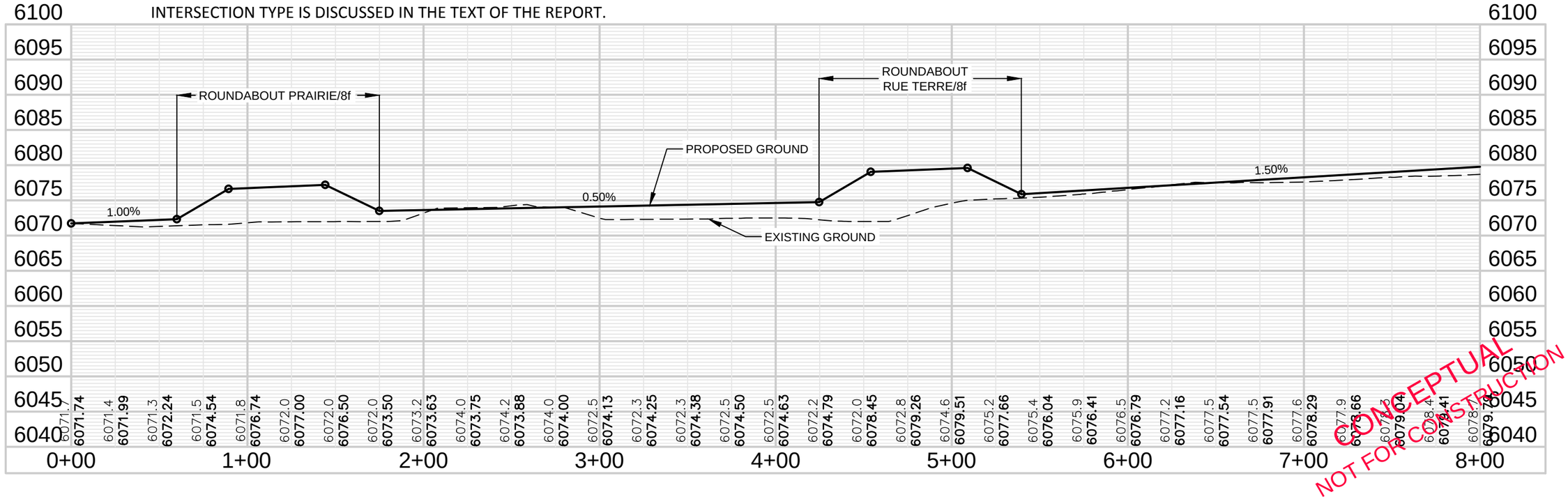
Project Mgr:	DMH	Drawn By:	SMC	Date:	6/15/2015
Designed By:	SMC	Approved By:	DMH		

PROJECT NO.
32-1713.00
DRAWING NO.
PP-5e
SHEET OF xx

Drawing Name: Q:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg – Current tab: Roadway 8e 5 – Print Time: Fri, 06 Nov 2015 – 8:40am By: campbells Last Save: Thu, 16 Jul 2015 – 7:59am



NOTE: INTERSECTIONS HAVE BEEN SHOWN AS ROUNDABOUT INTERSECTIONS.
INTERSECTION TYPE IS DISCUSSED IN THE TEXT OF THE REPORT.



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AVRES ASSOCIATES
Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PROPOSED ROADWAY 8f
PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

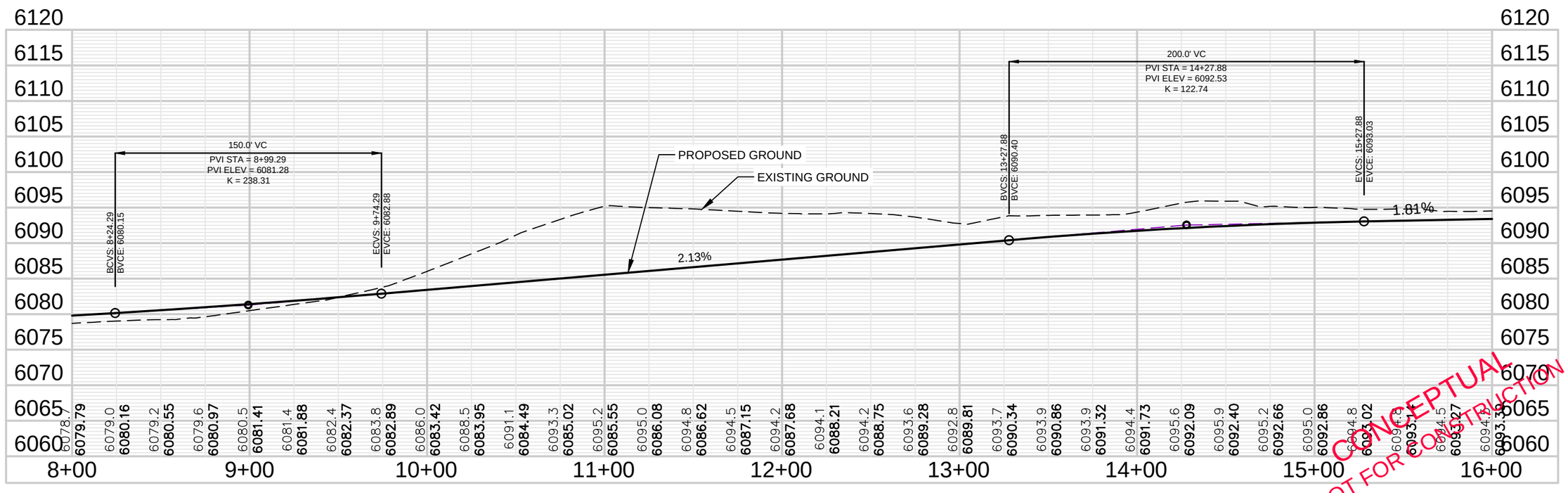
Revisions	Date

Project Mgr.	DMH	Designed By:	SMC	
Drawn By:	SMC	Approved By:	DMH	
Date: 6/15/2015				

PROJECT NO.
32-1713.00
DRAWING NO.
PP-1f
SHEET OF xx

Drawing Name: Q:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg – Current tab: Roadway 8f 1 – Print Time: Fri, 06 Nov 2015 – 8:40am By: campbells Last Save: Thu, 16 Jul 2015 – 7:59am





CONCEPTUAL
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Drawing Name: Q:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg – Current tab: Roadway 8f 2 – Print Time: Fri, 06 Nov 2015 – 8:40am By: campbells Last Save: Thu, 16 Jul 2015 – 7:59am

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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PROPOSED ROADWAY 8f
PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

Revisions	Date

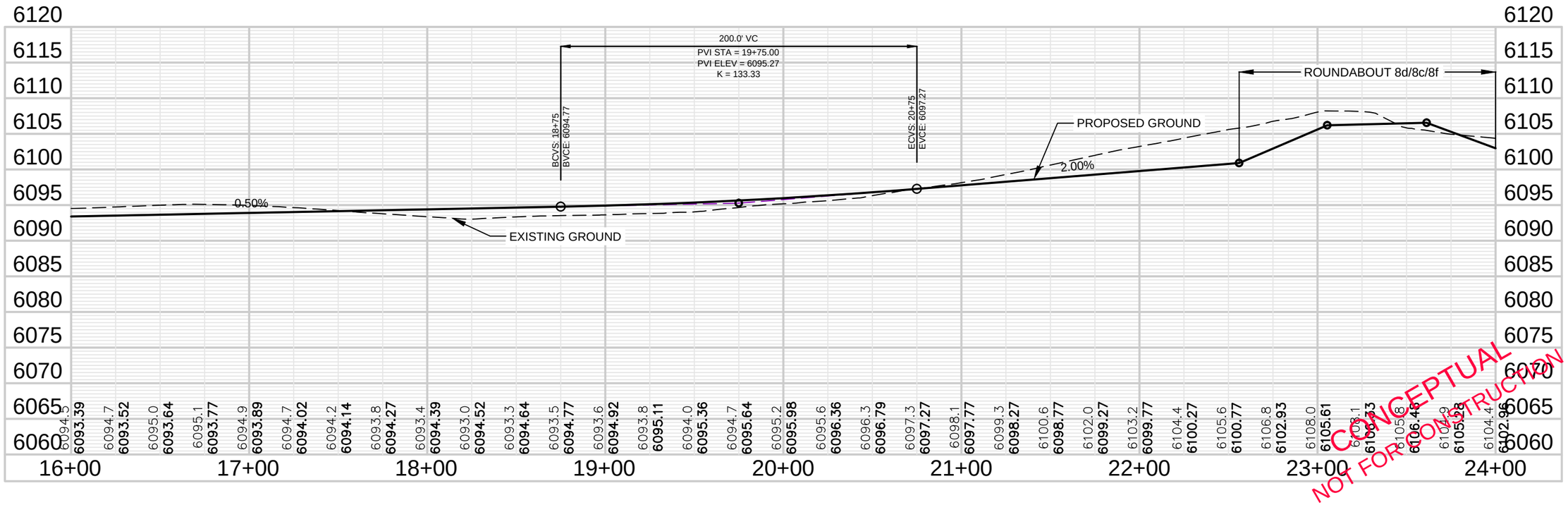
Project Mgr.	DMH	Drawn By:	SMC	Date: 6/15/2015
Designed By:	SMC	Approved By:	DMH	

PROJECT NO.
32-1713.00

DRAWING NO.
PP-2f

SHEET OF xx





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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PROPOSED ROADWAY 8f
PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

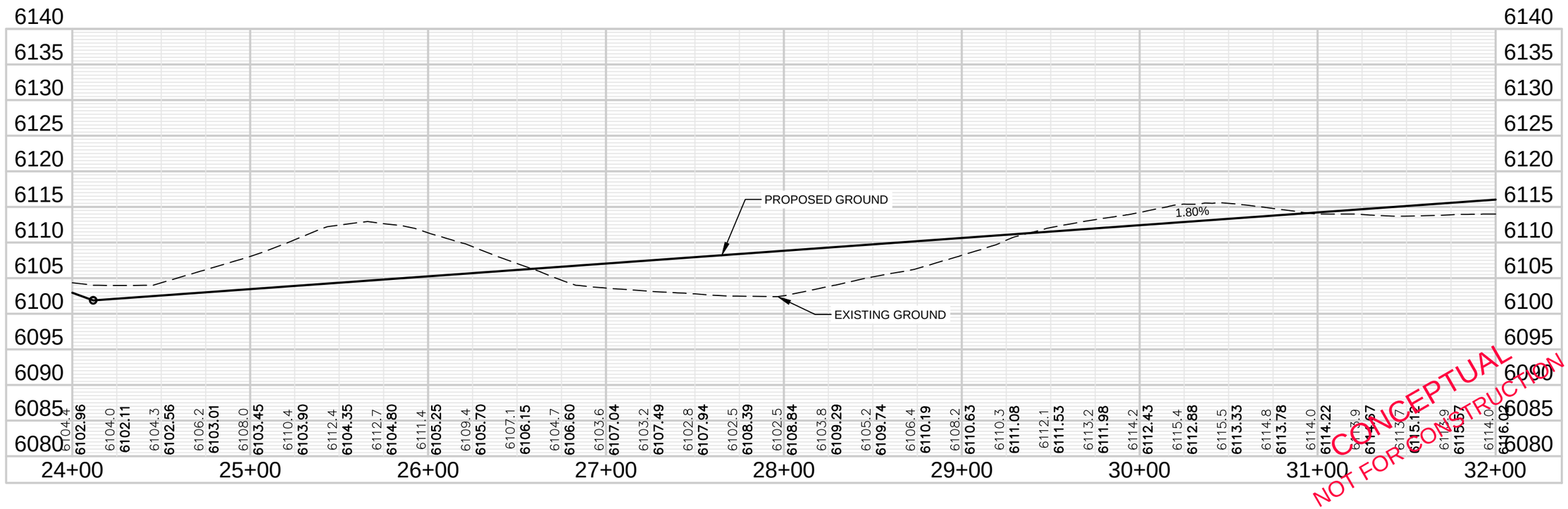
Revisions	Date

Project Mgr.	DMH	
Designed By:	SMC	
Drawn By:	SMC	
Approved By:	DMH	
Date: 6/15/2015		

PROJECT NO.
32-1713.00
DRAWING NO.
PP-3f
SHEET OF xx

Drawing Name: Q:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg – Current tab: Roadway 8f 3 – Print Time: Fri, 06 Nov 2015 – 8:40am By: campbells Last Save: Thu, 16 Jul 2015 – 7:59am





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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PROPOSED ROADWAY 8f
PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

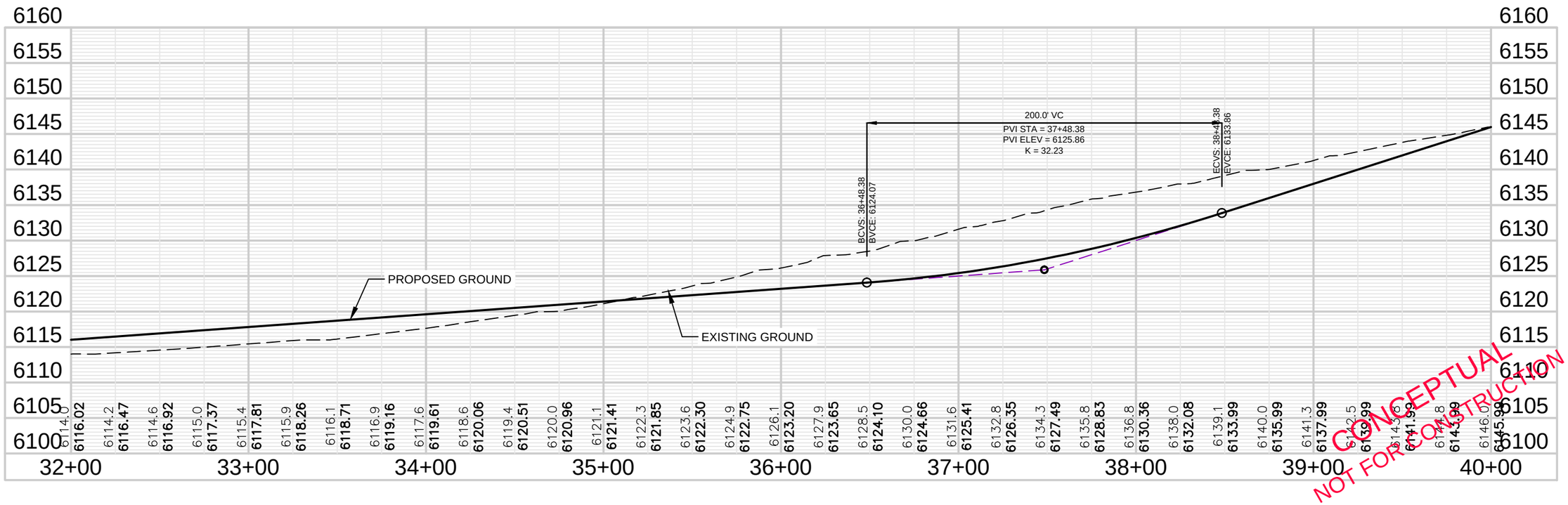
Revisions	Date

Project Mgr.	DMH	Date:	6/15/2015
Designed By:	SMC		
Drawn By:	SMC		
Approved By:	DMH		

PROJECT NO.
32-1713.00
DRAWING NO.
PP-4f
SHEET OF xx

Drawing Name: Q:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg – Current tab: Roadway 8f 4 – Print Time: Fri, 06 Nov 2015 – 8:40am By: campbells Last Save: Thu, 16 Jul 2015 – 7:59am





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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
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Fax: (307) 634-2353

PROPOSED ROADWAY 8f
PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

Revisions	Date

Project Mgr.	DMH	Designed By:	SMC	
Drawn By:	SMC	Approved By:	DMH	
Date: 6/15/2015				

PROJECT NO.
32-1713.00
DRAWING NO.
PP-5f
SHEET OF xx

Drawing Name: G:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg - Current tab: Roadway 8f 5 - Print Time: Fri, 06 Nov 2015 - 8:41am By: campbells Last Save: Thu, 16 Jul 2015 - 7:59am

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Engineers/Scientists/Surveyors
214 West Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PROPOSED ROADWAY 8f
PLAN AND PROFILE

CHEYENNE MPO
SECTION 20
CONCEPTUAL ROADWAY LAYOUT

Revisions	Date

Project Mgr.	DMH		
Designed By:	SMC		
Drawn By:	SMC		
Approved By:	DMH	Date:	6/15/2015

PROJECT NO.
32-1713.00
DRAWING NO.
PP-6f
SHEET OF xx

Drawing Name: Q:\32-1713 Dell Range\dwg\Section 20\Section 20 Plan and Profiles.dwg – Current tab: Roadway 8f 6 – Print Time: Fri, 06 Nov 2015 – 8:41am By: campbells Last Save: Thu, 16 Jul 2015 – 7:59am

PRAIRIE AVENUE
CONCEPTUAL PLANS

Drawing Name: Q:\32-1713 Dell Range\dwg\Report June 2014\Prairie 2-Lane w Roundabout1.dwg - Current tab: Sheet 1 - Print Time: Fri, 04 Dec 2015 - 11:06am By: hendond Last Save: Fri, 04 Dec 2015 - 11:05am

POWDERHOUSE RD.

PRAIRIE AVE.

12' TRAVEL LANE AND
6' BIKE LANE

FRONTIER MALL
WEST ENTRANCE

8' LANDSCAPE
BUFFER (TYP.)

6' SIDEWALK (TYP.)

US
BANK

N

0 20' 40' 80'

SCALE: 1" = 40'

LIFE CARE
CENTER OF
CHEYENNE

CONSIDER PEDESTRIAN
CROSSING ENHANCEMENTS

12' TRAVEL LANE AND
6' BIKE LANE

PRAIRIE AVE.

12' TRAVEL LANE AND
6' BIKE LANE

6' SIDEWALK (TYP.)

8' LANDSCAPE
BUFFER (TYP.)

FRONTIER MALL

AYRES ASSOCIATES
Engineers/Scientists/Surveyors
214 W. Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PRAIRIE AVENUE

DELL RANGE BLVD/PRAIRIE AVENUE
TRAFFIC SAFETY AND
IMPROVEMENT STUDY

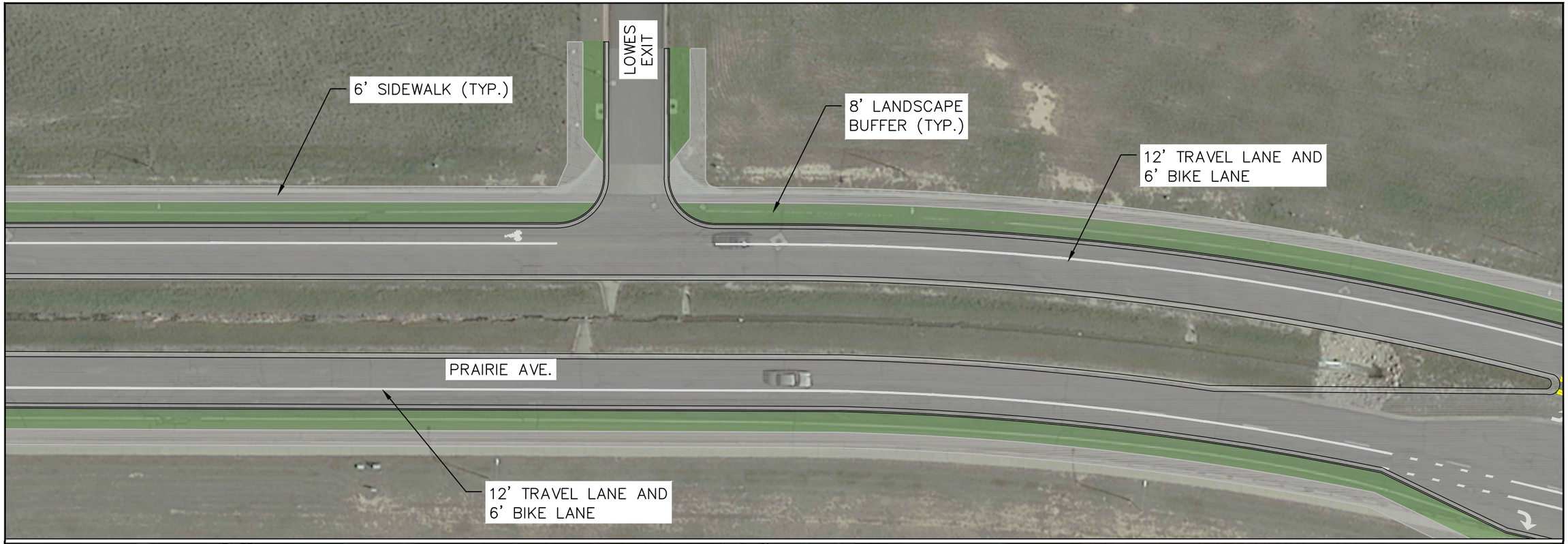
Revisions	Date

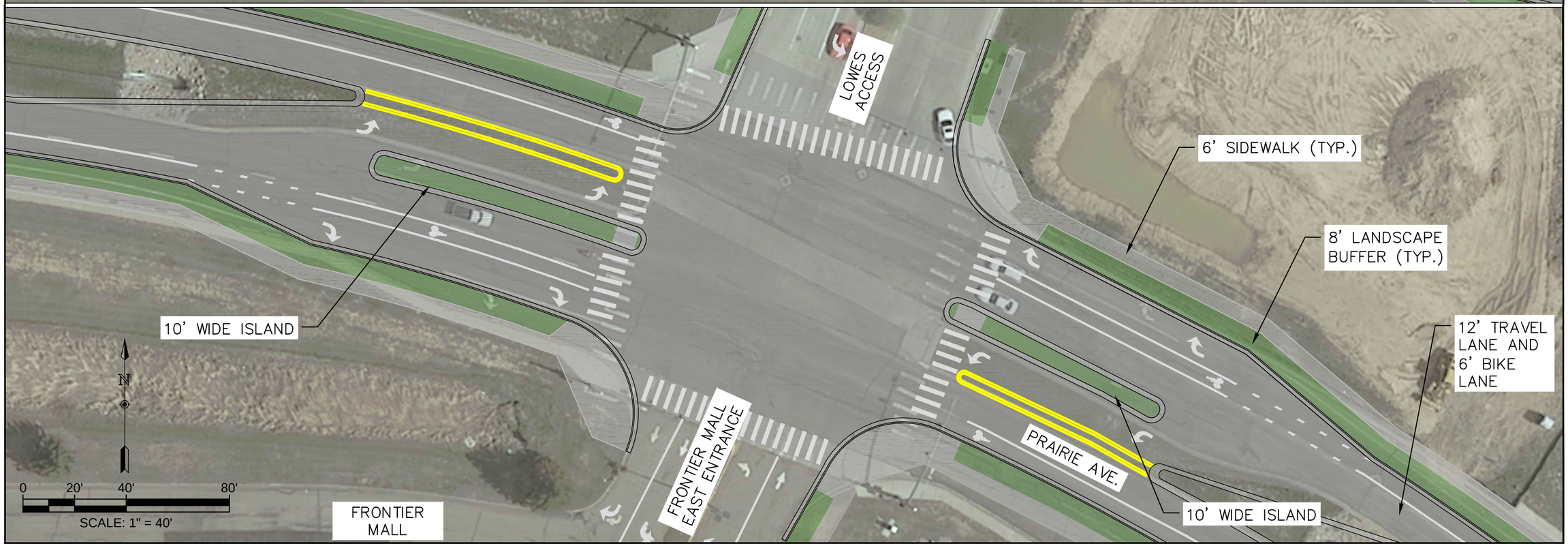
Project Mgr:	Designed By:	Drawn By:	Approved By:	Date:

PROJECT NO.
32-1713.00

DRAWING NO.
1

SHEET 1 OF 7





AVRES ASSOCIATES
Engineers/Scientists/Surveyors
214 W. Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PRAIRIE AVENUE

DELL RANGE BLVD/PRAIRIE AVENUE
TRAFFIC SAFETY AND
IMPROVEMENT STUDY

Date	Revisions

Project Mgr.	Designed By:	Drawn By:	Approved By:	Date:

PROJECT NO.
32-1713.00

DRAWING NO.
2

SHEET 2 OF 7

Drawing Name: Q:\32-1713 Dell Range\dwg\Report June 2014\Prairie 2-Lane w Roundabout1.dwg - Current tab: Sheet 2 - Print Time: Fri, 04 Dec 2015 - 2:19pm By: hendond Last Save: Fri, 04 Dec 2015 - 2:18pm

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Engineers/Scientists/Surveyors
214 W. Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
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PRAIRIE AVENUE

DELL RANGE BLVD/PRAIRIE AVENUE
TRAFFIC SAFETY AND
IMPROVEMENT STUDY

Revisions	Date

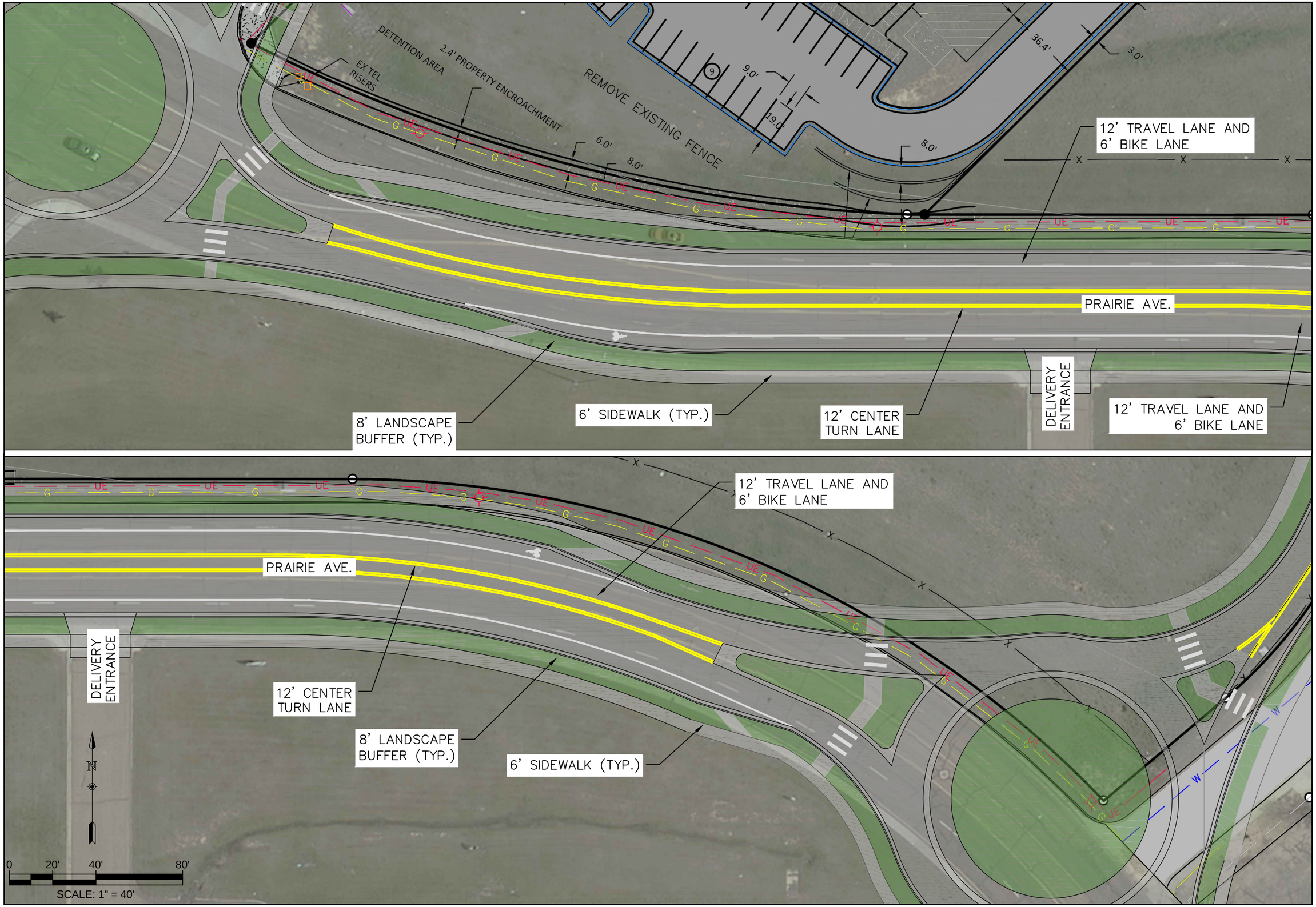
Project Mgr.	
Designed By:	
Drawn By:	
Approved By:	
Date:	

PROJECT NO.
32-1713.00

DRAWING NO.
3

SHEET 3 OF 7

Drawing Name: Q:\32-1713 Dell Range\dwg\Report June 2014\Prairie 2-Lane w Roundabout1.dwg - Current tab: Sheet 3 - Print Time: Fri, 04 Dec 2015 - 2:26pm By: hendond Last Save: Fri, 04 Dec 2015 - 2:24pm



AYRES ASSOCIATES
Engineers/Scientists/Surveyors
214 W. Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PRAIRIE AVENUE

DELL RANGE BLVD/PRAIRIE AVENUE
TRAFFIC SAFETY AND
IMPROVEMENT STUDY

Date	Revisions

Project Mgr.	Designed By:	Drawn By:	Approved By:	Date:

PROJECT NO.
32-1713.00

DRAWING NO.
4

SHEET 4 OF 7

Drawing Name: Q:\32-1713 Dell Range\dwg\Report June 2014\Prairie 2-Lane w Roundabout1.dwg – Current tab: Sheet 4 – Print Time: Fri, 04 Dec 2015 – 2:30pm By: hendond Last Save: Fri, 04 Dec 2015 – 2:24pm

8' LANDSCAPE BUFFER (TYP.)

6' SIDEWALK (TYP.)

12' CENTER TURN LANE

12' TRAVEL LANE AND 6' BIKE LANE

6' BIKE LANE

PETCO

KMART

SHARED USE LANE ENDS BEGIN BIKE LANE

BIKE LANE ENDS BEGIN SHARED USE LANE

PRAIRIE AVE.

N

0 20' 40' 80'

SCALE: 1" = 40'

AVRES ASSOCIATES
Engineers/Scientists/Surveyors
214 W. Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PRAIRIE AVENUE
ROAD DIET

DELL RANGE BLVD/PRAIRIE AVENUE
TRAFFIC SAFETY AND
IMPROVEMENT STUDY

Revisions	Date

Project Mgr.	
Designed By:	
Drawn By:	
Approved By:	
Date:	

PROJECT NO.
32-1713.00

DRAWING NO.
5

SHEET 5 OF 7

Drawing Name: Q:\32-1713 Dell Range\dwg\Report June 2014\Prairie 2-Lane w Roundabout1.dwg - Current tab: Sheet 5 - Print Time: Fri, 04 Dec 2015 - 2:34pm By: hendond Last Save: Fri, 04 Dec 2015 - 2:24pm

2–11’ TRAVEL LANES

6’ ATTACHED SIDEWALK

BROWN AND GOLD OUTLET

2 DOORS DOWN

BROWNS SHOE FIT

3–11’ LANES

PRAIRIE AVE.

DELL RANGE BLVD.

LANDSCAPE BUFFER (TYP.)

SIDEWALK (TYP.)

BEGIN MERGE TO SINGLE TRAVEL LANE

WENDY’S

2–11’ LANES

SHARED USE LANE

N

0 20’ 40’ 80’

SCALE: 1" = 40’

AYRES ASSOCIATES
Engineers/Scientists/Surveyors
214 W. Lincolnway, Suite 22
Cheyenne, WY 82001
Phone: (307) 634-9888
Fax: (307) 634-2353

PRAIRIE AVENUE
ROAD DIET

DELL RANGE BLVD/PRAIRIE AVENUE
TRAFFIC SAFETY AND
IMPROVEMENT STUDY

Revisions	Date

Project Mgr.	
Designed By:	
Drawn By:	
Approved By:	
Date:	

PROJECT NO.
32-1713.00

DRAWING NO.
6

SHEET 6 OF 7

Drawing Name: Q:\32-1713 Dell Range\dwg\Report June 2014\Prairie 2-Lane w Roundabout1.dwg - Current tab: Sheet 6 - Print Time: Fri, 04 Dec 2015 - 2:36pm By: hendond Last Save: Fri, 04 Dec 2015 - 2:24pm

APPENDIX G

SYNCHRO REPORTS
2040 CONDITIONS

2040 WEEKDAY PM PEAK PARTIAL STOP

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	42	469	140	81	381	211	94	154	57	113	149	21
v/c Ratio	0.12	0.76	0.22	0.30	0.57	0.31	0.19	0.26	0.09	0.23	0.25	0.03
Control Delay	9.9	26.8	3.3	12.3	18.7	6.0	12.3	18.5	0.3	12.8	18.5	0.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	9.9	26.8	3.3	12.3	18.7	6.0	12.3	18.5	0.3	12.8	18.5	0.1
Queue Length 50th (ft)	8	148	0	15	87	9	21	44	0	25	43	0
Queue Length 95th (ft)	20	#226	20	35	193	52	46	87	0	53	85	0
Internal Link Dist (ft)		963			1405			1244			646	
Turn Bay Length (ft)	50		50	50		50	50		50	50		50
Base Capacity (vph)	347	739	727	272	789	765	503	591	614	501	591	614
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.12	0.63	0.19	0.30	0.48	0.28	0.19	0.26	0.09	0.23	0.25	0.03

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	35	394	118	76	358	198	85	139	51	107	142	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	1863	1583	1770	1863	1583
Flt Permitted	0.38	1.00	1.00	0.23	1.00	1.00	0.66	1.00	1.00	0.66	1.00	1.00
Satd. Flow (perm)	708	1863	1583	431	1863	1583	1234	1863	1583	1228	1863	1583
Peak-hour factor, PHF	0.84	0.84	0.84	0.94	0.94	0.94	0.90	0.90	0.90	0.95	0.95	0.95
Adj. Flow (vph)	42	469	140	81	381	211	94	154	57	113	149	21
RTOR Reduction (vph)	0	0	95	0	0	109	0	0	40	0	0	15
Lane Group Flow (vph)	42	469	45	81	381	102	94	154	17	113	149	6
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	19.6	18.2	18.2	21.0	18.9	18.9	19.8	16.8	16.8	19.8	16.8	16.8
Effective Green, g (s)	19.6	18.2	18.2	21.0	18.9	18.9	19.8	16.8	16.8	19.8	16.8	16.8
Actuated g/C Ratio	0.35	0.32	0.32	0.37	0.34	0.34	0.35	0.30	0.30	0.35	0.30	0.30
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	273	604	513	211	627	533	464	557	474	462	557	474
v/s Ratio Prot	0.00	c0.25		c0.01	0.20		0.01	c0.08		c0.01	0.08	
v/s Ratio Perm	0.05		0.03	0.13		0.06	0.06		0.01	0.07		0.00
v/c Ratio	0.15	0.78	0.09	0.38	0.61	0.19	0.20	0.28	0.04	0.24	0.27	0.01
Uniform Delay, d1	12.4	17.1	13.2	12.5	15.5	13.2	12.4	15.0	13.9	12.5	15.0	13.8
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.3	6.2	0.1	1.2	1.7	0.2	0.2	1.2	0.1	0.3	1.2	0.1
Delay (s)	12.7	23.3	13.3	13.7	17.2	13.4	12.6	16.2	14.1	12.8	16.1	13.9
Level of Service	B	C	B	B	B	B	B	B	B	B	B	B
Approach Delay (s)		20.5			15.6			14.7			14.6	
Approach LOS		C			B			B			B	

Intersection Summary			
HCM 2000 Control Delay	17.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.51		
Actuated Cycle Length (s)	56.1	Sum of lost time (s)	16.0
Intersection Capacity Utilization	51.5%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Group Flow (vph)	622	343	51	461	326	47
v/c Ratio	0.60	0.22	0.31	0.44	0.34	0.05
Control Delay	17.9	0.3	19.0	15.8	8.5	2.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	17.9	0.3	19.0	15.8	8.5	2.9
Queue Length 50th (ft)	82	0	12	57	47	0
Queue Length 95th (ft)	108	0	32	82	106	12
Internal Link Dist (ft)	2078			2107	2862	
Turn Bay Length (ft)		50	50			50
Base Capacity (vph)	1667	1583	266	1667	972	890
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.37	0.22	0.19	0.28	0.34	0.05

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	510	281	42	383	280	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.95	1.00	1.00	0.95	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00
Satd. Flow (prot)	3539	1583	1770	3539	1770	1583
Flt Permitted	1.00	1.00	0.30	1.00	0.95	1.00
Satd. Flow (perm)	3539	1583	567	3539	1770	1583
Peak-hour factor, PHF	0.82	0.82	0.83	0.83	0.86	0.86
Adj. Flow (vph)	622	343	51	461	326	47
RTOR Reduction (vph)	0	0	0	0	0	21
Lane Group Flow (vph)	622	343	51	461	326	26
Turn Type	NA	pm+ov	Perm	NA	Prot	Perm
Protected Phases	4	2		8	2	
Permitted Phases		4	8			2
Actuated Green, G (s)	15.0	43.1	15.0	15.0	28.1	28.1
Effective Green, g (s)	15.0	43.1	15.0	15.0	28.1	28.1
Actuated g/C Ratio	0.29	0.84	0.29	0.29	0.55	0.55
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	1038	1583	166	1038	973	870
v/s Ratio Prot	c0.18	0.12		0.13	c0.18	
v/s Ratio Perm		0.10	0.09			0.02
v/c Ratio	0.60	0.22	0.31	0.44	0.34	0.03
Uniform Delay, d1	15.5	0.8	14.0	14.7	6.3	5.3
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.9	0.1	1.1	0.3	0.9	0.1
Delay (s)	16.4	0.8	15.1	15.0	7.3	5.3
Level of Service	B	A	B	B	A	A
Approach Delay (s)	10.9			15.0	7.0	
Approach LOS	B			B	A	

Intersection Summary			
HCM 2000 Control Delay	11.2	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.43		
Actuated Cycle Length (s)	51.1	Sum of lost time (s)	8.0
Intersection Capacity Utilization	42.9%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	45	235	290	635	290	30
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	49	255	315	690	315	33
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)		2				
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1636	315	348			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1636	315	348			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	40	65	74			
cM capacity (veh/h)	82	725	1211			

Direction, Lane #	EB 1	NB 1	NB 2	SB 1	SB 2
Volume Total	304	315	690	315	33
Volume Left	49	315	0	0	0
Volume Right	255	0	0	0	33
cSH	510	1211	1700	1700	1700
Volume to Capacity	0.60	0.26	0.41	0.19	0.02
Queue Length 95th (ft)	96	26	0	0	0
Control Delay (s)	26.6	9.0	0.0	0.0	0.0
Lane LOS	D	A			
Approach Delay (s)	26.6	2.8		0.0	
Approach LOS	D				

Intersection Summary			
Average Delay	6.6		
Intersection Capacity Utilization	44.7%	ICU Level of Service	A
Analysis Period (min)	15		



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	2	28	19	278	225	125
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.62	0.62	0.95	0.95	0.87	0.87
Hourly flow rate (vph)	3	45	20	293	259	144
Pedestrians				1	1	
Lane Width (ft)				12.0	12.0	
Walking Speed (ft/s)				4.0	4.0	
Percent Blockage				0	0	
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)				1307		
pX, platoon unblocked						
vC, conflicting volume	664	331	402			
vC1, stage 1 conf vol	330					
vC2, stage 2 conf vol	334					
vCu, unblocked vol	664	331	402			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	94	98			
cM capacity (veh/h)	605	710	1156			

Direction, Lane #	EB 1	NB 1	NB 2	SB 1
Volume Total	48	20	293	402
Volume Left	3	20	0	0
Volume Right	45	0	0	144
cSH	701	1156	1700	1700
Volume to Capacity	0.07	0.02	0.17	0.24
Queue Length 95th (ft)	6	1	0	0
Control Delay (s)	10.5	8.2	0.0	0.0
Lane LOS	B	A		
Approach Delay (s)	10.5	0.5		0.0
Approach LOS	B			

Intersection Summary			
Average Delay	0.9		
Intersection Capacity Utilization	29.8%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	30	61	61	55	75	10	105	210	20	77	226	33
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.85	0.85	0.85	0.87	0.87	0.87	0.90	0.90	0.90	0.94	0.94	0.94
Hourly flow rate (vph)	35	72	72	63	86	11	117	233	22	82	240	35
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)			2									
Median type								TWLTL			TWLTL	
Median storage veh)								2			2	
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	943	911	258	954	917	244	276			256		
vC1, stage 1 conf vol	422	422		478	478							
vC2, stage 2 conf vol	521	489		476	439							
vCu, unblocked vol	943	911	258	954	917	244	276			256		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)	6.1	5.5		6.1	5.5							
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	88	81	91	78	77	99	91			94		
cM capacity (veh/h)	298	376	781	284	372	794	1287			1309		

Direction, Lane #	EB 1	WB 1	WB 2	NB 1	NB 2	SB 1	SB 2
Volume Total	179	63	98	117	256	82	276
Volume Left	35	63	0	117	0	82	0
Volume Right	72	0	11	0	22	0	35
cSH	586	284	397	1287	1700	1309	1700
Volume to Capacity	0.31	0.22	0.25	0.09	0.15	0.06	0.16
Queue Length 95th (ft)	32	21	24	7	0	5	0
Control Delay (s)	15.8	21.3	17.0	8.1	0.0	7.9	0.0
Lane LOS	C	C	C	A		A	
Approach Delay (s)	15.8	18.7		2.5		1.8	
Approach LOS	C	C					

Intersection Summary				
Average Delay	6.9			
Intersection Capacity Utilization	41.3%	ICU Level of Service	A	
Analysis Period (min)	15			

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	450	80	65	622	10	135
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	489	87	71	676	11	147
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			576		1307	489
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			576		1307	489
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			93		93	75
cM capacity (veh/h)			997		164	579

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	489	87	71	676	158
Volume Left	0	0	71	0	11
Volume Right	0	87	0	0	147
cSH	1700	1700	997	1700	493
Volume to Capacity	0.29	0.05	0.07	0.40	0.32
Queue Length 95th (ft)	0	0	6	0	34
Control Delay (s)	0.0	0.0	8.9	0.0	15.7
Lane LOS			A		C
Approach Delay (s)	0.0		0.8		15.7
Approach LOS					C

Intersection Summary			
Average Delay	2.1		
Intersection Capacity Utilization	48.3%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	560	100	30	630	60	140
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	609	109	33	685	65	152
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			717		1359	609
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			717		1359	609
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			96		59	69
cM capacity (veh/h)			884		158	495

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	609	109	33	685	217
Volume Left	0	0	33	0	65
Volume Right	0	109	0	0	152
cSH	1700	1700	884	1700	302
Volume to Capacity	0.36	0.06	0.04	0.40	0.72
Queue Length 95th (ft)	0	0	3	0	130
Control Delay (s)	0.0	0.0	9.2	0.0	42.5
Lane LOS			A		E
Approach Delay (s)	0.0		0.4		42.5
Approach LOS					E

Intersection Summary			
Average Delay	5.8		
Intersection Capacity Utilization	51.8%	ICU Level of Service	A
Analysis Period (min)	15		

2040 WEEKEND MD PEAK PARTIAL STOP

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	42	469	140	81	381	211	94	154	57	113	149	21
v/c Ratio	0.12	0.76	0.22	0.30	0.57	0.31	0.19	0.26	0.09	0.23	0.25	0.03
Control Delay	9.9	26.8	3.3	12.3	18.7	6.0	12.3	18.5	0.3	12.8	18.5	0.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	9.9	26.8	3.3	12.3	18.7	6.0	12.3	18.5	0.3	12.8	18.5	0.1
Queue Length 50th (ft)	8	148	0	15	87	9	21	44	0	25	43	0
Queue Length 95th (ft)	20	#226	20	35	193	52	46	87	0	53	85	0
Internal Link Dist (ft)		963			1405			1244			646	
Turn Bay Length (ft)	50		50	50		50	50		50	50		50
Base Capacity (vph)	347	739	727	272	789	765	503	591	614	501	591	614
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.12	0.63	0.19	0.30	0.48	0.28	0.19	0.26	0.09	0.23	0.25	0.03

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	35	394	118	76	358	198	85	139	51	107	142	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	1863	1583	1770	1863	1583
Flt Permitted	0.38	1.00	1.00	0.23	1.00	1.00	0.66	1.00	1.00	0.66	1.00	1.00
Satd. Flow (perm)	708	1863	1583	431	1863	1583	1234	1863	1583	1228	1863	1583
Peak-hour factor, PHF	0.84	0.84	0.84	0.94	0.94	0.94	0.90	0.90	0.90	0.95	0.95	0.95
Adj. Flow (vph)	42	469	140	81	381	211	94	154	57	113	149	21
RTOR Reduction (vph)	0	0	95	0	0	109	0	0	40	0	0	15
Lane Group Flow (vph)	42	469	45	81	381	102	94	154	17	113	149	6
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	19.6	18.2	18.2	21.0	18.9	18.9	19.8	16.8	16.8	19.8	16.8	16.8
Effective Green, g (s)	19.6	18.2	18.2	21.0	18.9	18.9	19.8	16.8	16.8	19.8	16.8	16.8
Actuated g/C Ratio	0.35	0.32	0.32	0.37	0.34	0.34	0.35	0.30	0.30	0.35	0.30	0.30
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	273	604	513	211	627	533	464	557	474	462	557	474
v/s Ratio Prot	0.00	c0.25		c0.01	0.20		0.01	c0.08		c0.01	0.08	
v/s Ratio Perm	0.05		0.03	0.13		0.06	0.06		0.01	0.07		0.00
v/c Ratio	0.15	0.78	0.09	0.38	0.61	0.19	0.20	0.28	0.04	0.24	0.27	0.01
Uniform Delay, d1	12.4	17.1	13.2	12.5	15.5	13.2	12.4	15.0	13.9	12.5	15.0	13.8
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.3	6.2	0.1	1.2	1.7	0.2	0.2	1.2	0.1	0.3	1.2	0.1
Delay (s)	12.7	23.3	13.3	13.7	17.2	13.4	12.6	16.2	14.1	12.8	16.1	13.9
Level of Service	B	C	B	B	B	B	B	B	B	B	B	B
Approach Delay (s)		20.5			15.6			14.7			14.6	
Approach LOS		C			B			B			B	

Intersection Summary			
HCM 2000 Control Delay	17.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.51		
Actuated Cycle Length (s)	56.1	Sum of lost time (s)	16.0
Intersection Capacity Utilization	51.5%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Group Flow (vph)	622	343	51	461	326	47
v/c Ratio	0.60	0.22	0.31	0.44	0.34	0.05
Control Delay	17.9	0.3	19.0	15.8	8.5	2.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	17.9	0.3	19.0	15.8	8.5	2.9
Queue Length 50th (ft)	82	0	12	57	47	0
Queue Length 95th (ft)	108	0	32	82	106	12
Internal Link Dist (ft)	2078			2107	2862	
Turn Bay Length (ft)		50	50			50
Base Capacity (vph)	1667	1583	266	1667	972	890
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.37	0.22	0.19	0.28	0.34	0.05

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	510	281	42	383	280	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.95	1.00	1.00	0.95	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00
Satd. Flow (prot)	3539	1583	1770	3539	1770	1583
Flt Permitted	1.00	1.00	0.30	1.00	0.95	1.00
Satd. Flow (perm)	3539	1583	567	3539	1770	1583
Peak-hour factor, PHF	0.82	0.82	0.83	0.83	0.86	0.86
Adj. Flow (vph)	622	343	51	461	326	47
RTOR Reduction (vph)	0	0	0	0	0	21
Lane Group Flow (vph)	622	343	51	461	326	26
Turn Type	NA	pm+ov	Perm	NA	Prot	Perm
Protected Phases	4	2		8	2	
Permitted Phases		4	8			2
Actuated Green, G (s)	15.0	43.1	15.0	15.0	28.1	28.1
Effective Green, g (s)	15.0	43.1	15.0	15.0	28.1	28.1
Actuated g/C Ratio	0.29	0.84	0.29	0.29	0.55	0.55
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	1038	1583	166	1038	973	870
v/s Ratio Prot	c0.18	0.12		0.13	c0.18	
v/s Ratio Perm		0.10	0.09			0.02
v/c Ratio	0.60	0.22	0.31	0.44	0.34	0.03
Uniform Delay, d1	15.5	0.8	14.0	14.7	6.3	5.3
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.9	0.1	1.1	0.3	0.9	0.1
Delay (s)	16.4	0.8	15.1	15.0	7.3	5.3
Level of Service	B	A	B	B	A	A
Approach Delay (s)	10.9			15.0	7.0	
Approach LOS	B			B	A	

Intersection Summary			
HCM 2000 Control Delay	11.2	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.43		
Actuated Cycle Length (s)	51.1	Sum of lost time (s)	8.0
Intersection Capacity Utilization	42.9%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	45	235	290	635	290	30
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	49	255	315	690	315	33
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)		2				
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1636	315	348			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1636	315	348			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	40	65	74			
cM capacity (veh/h)	82	725	1211			

Direction, Lane #	EB 1	NB 1	NB 2	SB 1	SB 2
Volume Total	304	315	690	315	33
Volume Left	49	315	0	0	0
Volume Right	255	0	0	0	33
cSH	510	1211	1700	1700	1700
Volume to Capacity	0.60	0.26	0.41	0.19	0.02
Queue Length 95th (ft)	96	26	0	0	0
Control Delay (s)	26.6	9.0	0.0	0.0	0.0
Lane LOS	D	A			
Approach Delay (s)	26.6	2.8		0.0	
Approach LOS	D				

Intersection Summary			
Average Delay	6.6		
Intersection Capacity Utilization	44.7%	ICU Level of Service	A
Analysis Period (min)	15		



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	4	22	16	200	236	167
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.91	0.91	0.88	0.88
Hourly flow rate (vph)	4	24	18	220	268	190
Pedestrians				1	1	
Lane Width (ft)				12.0	12.0	
Walking Speed (ft/s)				4.0	4.0	
Percent Blockage				0	0	
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)				1307		
pX, platoon unblocked						
vC, conflicting volume	619	364	458			
vC1, stage 1 conf vol	363					
vC2, stage 2 conf vol	256					
vCu, unblocked vol	619	364	458			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	96	98			
cM capacity (veh/h)	622	680	1103			

Direction, Lane #	EB 1	NB 1	NB 2	SB 1
Volume Total	28	18	220	458
Volume Left	4	18	0	0
Volume Right	24	0	0	190
cSH	671	1103	1700	1700
Volume to Capacity	0.04	0.02	0.13	0.27
Queue Length 95th (ft)	3	1	0	0
Control Delay (s)	10.6	8.3	0.0	0.0
Lane LOS	B	A		
Approach Delay (s)	10.6	0.6		0.0
Approach LOS	B			

Intersection Summary			
Average Delay	0.6		
Intersection Capacity Utilization	32.9%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	30	61	61	55	75	10	105	210	20	77	226	33
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.85	0.85	0.85	0.87	0.87	0.87	0.90	0.90	0.90	0.94	0.94	0.94
Hourly flow rate (vph)	35	72	72	63	86	11	117	233	22	82	240	35
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)			2									
Median type								TWLTL			TWLTL	
Median storage veh)								2			2	
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	943	911	258	954	917	244	276			256		
vC1, stage 1 conf vol	422	422		478	478							
vC2, stage 2 conf vol	521	489		476	439							
vCu, unblocked vol	943	911	258	954	917	244	276			256		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)	6.1	5.5		6.1	5.5							
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	88	81	91	78	77	99	91			94		
cM capacity (veh/h)	298	376	781	284	372	794	1287			1309		

Direction, Lane #	EB 1	WB 1	WB 2	NB 1	NB 2	SB 1	SB 2
Volume Total	179	63	98	117	256	82	276
Volume Left	35	63	0	117	0	82	0
Volume Right	72	0	11	0	22	0	35
cSH	586	284	397	1287	1700	1309	1700
Volume to Capacity	0.31	0.22	0.25	0.09	0.15	0.06	0.16
Queue Length 95th (ft)	32	21	24	7	0	5	0
Control Delay (s)	15.8	21.3	17.0	8.1	0.0	7.9	0.0
Lane LOS	C	C	C	A		A	
Approach Delay (s)	15.8	18.7		2.5		1.8	
Approach LOS	C	C					

Intersection Summary				
Average Delay	6.9			
Intersection Capacity Utilization	41.3%	ICU Level of Service	A	
Analysis Period (min)	15			

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	450	80	65	622	10	135
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	489	87	71	676	11	147
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			576		1307	489
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			576		1307	489
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			93		93	75
cM capacity (veh/h)			997		164	579

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	489	87	71	676	158
Volume Left	0	0	71	0	11
Volume Right	0	87	0	0	147
cSH	1700	1700	997	1700	493
Volume to Capacity	0.29	0.05	0.07	0.40	0.32
Queue Length 95th (ft)	0	0	6	0	34
Control Delay (s)	0.0	0.0	8.9	0.0	15.7
Lane LOS			A		C
Approach Delay (s)	0.0		0.8		15.7
Approach LOS					C

Intersection Summary			
Average Delay	2.1		
Intersection Capacity Utilization	48.3%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	560	100	30	630	60	140
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	609	109	33	685	65	152
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			717		1359	609
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			717		1359	609
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			96		59	69
cM capacity (veh/h)			884		158	495

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	609	109	33	685	217
Volume Left	0	0	33	0	65
Volume Right	0	109	0	0	152
cSH	1700	1700	884	1700	302
Volume to Capacity	0.36	0.06	0.04	0.40	0.72
Queue Length 95th (ft)	0	0	3	0	130
Control Delay (s)	0.0	0.0	9.2	0.0	42.5
Lane LOS			A		E
Approach Delay (s)	0.0		0.4		42.5
Approach LOS					E

Intersection Summary			
Average Delay	5.8		
Intersection Capacity Utilization	51.8%	ICU Level of Service	A
Analysis Period (min)	15		

2040 WEEKDAY PM PEAK SIGNALIZED

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	42	469	140	81	381	211	94	154	57	113	149	21
v/c Ratio	0.11	0.70	0.21	0.29	0.49	0.28	0.20	0.28	0.10	0.25	0.27	0.04
Control Delay	9.6	24.7	3.1	8.8	10.1	2.4	13.0	19.2	0.3	13.5	19.1	0.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	9.6	24.7	3.1	8.8	10.1	2.4	13.0	19.2	0.3	13.5	19.1	0.1
Queue Length 50th (ft)	8	148	0	8	38	0	21	44	0	25	43	0
Queue Length 95th (ft)	20	#226	20	m13	113	m0	46	87	0	53	85	0
Internal Link Dist (ft)		963			1405			1244			646	
Turn Bay Length (ft)	50		50	50		50	50		50	50		50
Base Capacity (vph)	382	671	675	276	770	750	463	546	580	461	546	580
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.11	0.70	0.21	0.29	0.49	0.28	0.20	0.28	0.10	0.25	0.27	0.04

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	35	394	118	76	358	198	85	139	51	107	142	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	1863	1583	1770	1863	1583
Flt Permitted	0.41	1.00	1.00	0.23	1.00	1.00	0.66	1.00	1.00	0.66	1.00	1.00
Satd. Flow (perm)	763	1863	1583	422	1863	1583	1234	1863	1583	1228	1863	1583
Peak-hour factor, PHF	0.84	0.84	0.84	0.94	0.94	0.94	0.90	0.90	0.90	0.95	0.95	0.95
Adj. Flow (vph)	42	469	140	81	381	211	94	154	57	113	149	21
RTOR Reduction (vph)	0	0	93	0	0	105	0	0	40	0	0	15
Lane Group Flow (vph)	42	469	47	81	381	106	94	154	17	113	149	6
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	21.6	20.0	20.0	24.8	21.6	21.6	20.8	17.6	17.6	20.8	17.6	17.6
Effective Green, g (s)	21.6	20.0	20.0	24.8	21.6	21.6	20.8	17.6	17.6	20.8	17.6	17.6
Actuated g/C Ratio	0.36	0.33	0.33	0.41	0.36	0.36	0.35	0.29	0.29	0.35	0.29	0.29
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	301	621	527	246	670	569	456	546	464	454	546	464
v/s Ratio Prot	0.00	c0.25		c0.02	0.20		0.01	c0.08		c0.01	0.08	
v/s Ratio Perm	0.05		0.03	0.12		0.07	0.06		0.01	0.07		0.00
v/c Ratio	0.14	0.76	0.09	0.33	0.57	0.19	0.21	0.28	0.04	0.25	0.27	0.01
Uniform Delay, d1	12.8	17.8	13.7	12.1	15.5	13.2	13.5	16.3	15.1	13.7	16.3	15.0
Progression Factor	1.00	1.00	1.00	0.71	0.56	0.36	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	8.3	0.3	0.6	2.8	0.6	0.2	1.3	0.1	0.3	1.2	0.1
Delay (s)	13.0	26.1	14.1	9.2	11.4	5.3	13.7	17.6	15.3	14.0	17.5	15.1
Level of Service	B	C	B	A	B	A	B	B	B	B	B	B
Approach Delay (s)		22.7			9.2			16.0			15.9	
Approach LOS		C			A			B			B	

Intersection Summary			
HCM 2000 Control Delay	15.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.50		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	51.5%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Group Flow (vph)	622	343	51	461	326	47
v/c Ratio	0.63	0.22	0.35	0.46	0.31	0.05
Control Delay	16.3	0.3	22.9	18.7	8.3	2.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	16.3	0.3	22.9	18.7	8.3	2.9
Queue Length 50th (ft)	76	0	15	72	52	0
Queue Length 95th (ft)	106	0	34	86	109	12
Internal Link Dist (ft)	2078			2107	2862	
Turn Bay Length (ft)		50	50			50
Base Capacity (vph)	1415	1583	208	1415	1036	946
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.44	0.22	0.25	0.33	0.31	0.05

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	510	281	42	383	280	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.95	1.00	1.00	0.95	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00
Satd. Flow (prot)	3539	1583	1770	3539	1770	1583
Flt Permitted	1.00	1.00	0.28	1.00	0.95	1.00
Satd. Flow (perm)	3539	1583	519	3539	1770	1583
Peak-hour factor, PHF	0.82	0.82	0.83	0.83	0.86	0.86
Adj. Flow (vph)	622	343	51	461	326	47
RTOR Reduction (vph)	0	0	0	0	0	20
Lane Group Flow (vph)	622	343	51	461	326	27
Turn Type	NA	pm+ov	Perm	NA	Prot	Perm
Protected Phases	4	2		8	2	
Permitted Phases		4	8			2
Actuated Green, G (s)	16.9	52.0	16.9	16.9	35.1	35.1
Effective Green, g (s)	16.9	52.0	16.9	16.9	35.1	35.1
Actuated g/C Ratio	0.28	0.87	0.28	0.28	0.59	0.59
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	996	1583	146	996	1035	926
v/s Ratio Prot	c0.18	0.13		0.13	c0.18	
v/s Ratio Perm		0.09	0.10			0.02
v/c Ratio	0.62	0.22	0.35	0.46	0.31	0.03
Uniform Delay, d1	18.8	0.7	17.2	17.8	6.3	5.3
Progression Factor	0.74	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.1	0.1	1.4	0.3	0.8	0.1
Delay (s)	15.1	0.7	18.6	18.1	7.1	5.3
Level of Service	B	A	B	B	A	A
Approach Delay (s)	10.0			18.2	6.9	
Approach LOS	B			B	A	

Intersection Summary			
HCM 2000 Control Delay	11.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.42		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	42.9%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Group Flow (vph)	49	255	315	690	315	33
v/c Ratio	0.15	0.52	0.48	0.60	0.27	0.03
Control Delay	16.8	7.4	7.5	7.6	4.5	1.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	16.8	7.4	7.5	7.6	4.5	1.6
Queue Length 50th (ft)	8	0	27	65	22	0
Queue Length 95th (ft)	36	48	89	180	65	6
Internal Link Dist (ft)	1367			2270	2862	
Turn Bay Length (ft)		50	50			50
Base Capacity (vph)	712	789	935	1644	1644	1401
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.07	0.32	0.34	0.42	0.19	0.02

Intersection Summary



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (vph)	45	235	290	635	290	30
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	0.95	1.00	0.95	1.00	1.00	1.00
Satd. Flow (prot)	1770	1583	1770	1863	1863	1583
Flt Permitted	0.95	1.00	0.57	1.00	1.00	1.00
Satd. Flow (perm)	1770	1583	1060	1863	1863	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	49	255	315	690	315	33
RTOR Reduction (vph)	0	209	0	0	0	12
Lane Group Flow (vph)	49	46	315	690	315	21
Turn Type	Prot	Perm	Perm	NA	NA	Perm
Protected Phases	4			2	6	
Permitted Phases		4	2			6
Actuated Green, G (s)	7.4	7.4	25.5	25.5	25.5	25.5
Effective Green, g (s)	7.4	7.4	25.5	25.5	25.5	25.5
Actuated g/C Ratio	0.18	0.18	0.62	0.62	0.62	0.62
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	320	286	660	1161	1161	986
v/s Ratio Prot	0.03			c0.37	0.17	
v/s Ratio Perm		c0.03	0.30			0.01
v/c Ratio	0.15	0.16	0.48	0.59	0.27	0.02
Uniform Delay, d1	14.1	14.1	4.1	4.6	3.5	2.9
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	0.3	0.5	0.8	0.1	0.0
Delay (s)	14.3	14.4	4.7	5.4	3.6	2.9
Level of Service	B	B	A	A	A	A
Approach Delay (s)	14.4			5.2	3.6	
Approach LOS	B			A	A	

Intersection Summary			
HCM 2000 Control Delay	6.5	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.50		
Actuated Cycle Length (s)	40.9	Sum of lost time (s)	8.0
Intersection Capacity Utilization	44.7%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	2	28	19	278	225	125
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.62	0.62	0.95	0.95	0.87	0.87
Hourly flow rate (vph)	3	45	20	293	259	144
Pedestrians				1	1	
Lane Width (ft)				12.0	12.0	
Walking Speed (ft/s)				4.0	4.0	
Percent Blockage				0	0	
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)				1307		
pX, platoon unblocked						
vC, conflicting volume	664	331	402			
vC1, stage 1 conf vol	330					
vC2, stage 2 conf vol	334					
vCu, unblocked vol	664	331	402			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	94	98			
cM capacity (veh/h)	605	710	1156			

Direction, Lane #	EB 1	NB 1	NB 2	SB 1
Volume Total	48	20	293	402
Volume Left	3	20	0	0
Volume Right	45	0	0	144
cSH	701	1156	1700	1700
Volume to Capacity	0.07	0.02	0.17	0.24
Queue Length 95th (ft)	6	1	0	0
Control Delay (s)	10.5	8.2	0.0	0.0
Lane LOS	B	A		
Approach Delay (s)	10.5	0.5		0.0
Approach LOS	B			

Intersection Summary			
Average Delay	0.9		
Intersection Capacity Utilization	29.8%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	30	61	61	55	75	10	105	210	20	77	226	33
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.85	0.85	0.85	0.87	0.87	0.87	0.90	0.90	0.90	0.94	0.94	0.94
Hourly flow rate (vph)	35	72	72	63	86	11	117	233	22	82	240	35
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)			2									
Median type								TWLTL			TWLTL	
Median storage veh)								2			2	
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	943	911	258	954	917	244	276			256		
vC1, stage 1 conf vol	422	422		478	478							
vC2, stage 2 conf vol	521	489		476	439							
vCu, unblocked vol	943	911	258	954	917	244	276			256		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)	6.1	5.5		6.1	5.5							
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	88	81	91	78	77	99	91			94		
cM capacity (veh/h)	298	376	781	284	372	794	1287			1309		

Direction, Lane #	EB 1	WB 1	WB 2	NB 1	NB 2	SB 1	SB 2
Volume Total	179	63	98	117	256	82	276
Volume Left	35	63	0	117	0	82	0
Volume Right	72	0	11	0	22	0	35
cSH	586	284	397	1287	1700	1309	1700
Volume to Capacity	0.31	0.22	0.25	0.09	0.15	0.06	0.16
Queue Length 95th (ft)	32	21	24	7	0	5	0
Control Delay (s)	15.8	21.3	17.0	8.1	0.0	7.9	0.0
Lane LOS	C	C	C	A		A	
Approach Delay (s)	15.8	18.7		2.5		1.8	
Approach LOS	C	C					

Intersection Summary				
Average Delay	6.9			
Intersection Capacity Utilization	41.3%	ICU Level of Service	A	
Analysis Period (min)	15			

Lane Group	EBT	EBR	WBL	WBT	NBL
Lane Group Flow (vph)	489	87	71	676	158
v/c Ratio	0.44	0.09	0.15	0.61	0.29
Control Delay	4.9	0.8	3.1	4.3	6.0
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	4.9	0.8	3.1	4.3	6.0
Queue Length 50th (ft)	40	0	2	24	3
Queue Length 95th (ft)	59	m0	m10	81	40
Internal Link Dist (ft)	1405			1588	981
Turn Bay Length (ft)					
Base Capacity (vph)	1117	984	467	1117	540
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.44	0.09	0.15	0.61	0.29

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	450	80	65	622	10	135
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.85	1.00	1.00	0.87	
Flt Protected	1.00	1.00	0.95	1.00	1.00	
Satd. Flow (prot)	1863	1583	1770	1863	1623	
Flt Permitted	1.00	1.00	0.42	1.00	1.00	
Satd. Flow (perm)	1863	1583	779	1863	1623	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	489	87	71	676	11	147
RTOR Reduction (vph)	0	35	0	0	108	0
Lane Group Flow (vph)	489	52	71	676	50	0
Turn Type	NA	Perm	Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases		4	8			
Actuated Green, G (s)	36.0	36.0	36.0	36.0	16.0	
Effective Green, g (s)	36.0	36.0	36.0	36.0	16.0	
Actuated g/C Ratio	0.60	0.60	0.60	0.60	0.27	
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	1117	949	467	1117	432	
v/s Ratio Prot	0.26			c0.36	c0.03	
v/s Ratio Perm		0.03	0.09			
v/c Ratio	0.44	0.06	0.15	0.61	0.12	
Uniform Delay, d1	6.5	5.0	5.3	7.5	16.6	
Progression Factor	0.57	0.45	0.45	0.29	1.00	
Incremental Delay, d2	1.0	0.1	0.6	2.0	0.5	
Delay (s)	4.8	2.3	3.0	4.2	17.2	
Level of Service	A	A	A	A	B	
Approach Delay (s)	4.4			4.0	17.2	
Approach LOS	A			A	B	

Intersection Summary			
HCM 2000 Control Delay	5.6	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.45		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	48.3%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBL	WBT	NBL
Lane Group Flow (vph)	609	109	33	685	217
v/c Ratio	0.55	0.11	0.09	0.61	0.39
Control Delay	6.4	1.4	2.8	8.4	8.8
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	6.4	1.4	2.8	8.4	8.8
Queue Length 50th (ft)	45	0	2	186	18
Queue Length 95th (ft)	120	0	5	245	65
Internal Link Dist (ft)	1588			2078	1223
Turn Bay Length (ft)					
Base Capacity (vph)	1117	993	373	1117	554
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.55	0.11	0.09	0.61	0.39

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	560	100	30	630	60	140
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.85	1.00	1.00	0.91	
Flt Protected	1.00	1.00	0.95	1.00	0.99	
Satd. Flow (prot)	1863	1583	1770	1863	1662	
Flt Permitted	1.00	1.00	0.33	1.00	0.99	
Satd. Flow (perm)	1863	1583	623	1863	1662	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	609	109	33	685	65	152
RTOR Reduction (vph)	0	44	0	0	111	0
Lane Group Flow (vph)	609	65	33	685	106	0
Turn Type	NA	Perm	Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases		4	8			
Actuated Green, G (s)	36.0	36.0	36.0	36.0	16.0	
Effective Green, g (s)	36.0	36.0	36.0	36.0	16.0	
Actuated g/C Ratio	0.60	0.60	0.60	0.60	0.27	
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	1117	949	373	1117	443	
v/s Ratio Prot	0.33			c0.37	c0.06	
v/s Ratio Perm		0.04	0.05			
v/c Ratio	0.55	0.07	0.09	0.61	0.24	
Uniform Delay, d1	7.1	5.0	5.1	7.6	17.2	
Progression Factor	0.61	0.89	0.43	0.75	1.00	
Incremental Delay, d2	1.8	0.1	0.5	2.4	1.3	
Delay (s)	6.2	4.6	2.6	8.1	18.5	
Level of Service	A	A	A	A	B	
Approach Delay (s)	5.9			7.8	18.5	
Approach LOS	A			A	B	

Intersection Summary			
HCM 2000 Control Delay	8.4	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.50		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	51.8%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

2040 WEEKEND MD PEAK SIGNALIZED

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	25	189	130	99	328	154	123	169	51	123	195	22
v/c Ratio	0.09	0.44	0.26	0.27	0.62	0.27	0.21	0.23	0.07	0.20	0.26	0.03
Control Delay	10.8	21.7	3.3	13.8	23.3	3.5	11.1	16.8	0.2	11.0	17.1	0.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	10.8	21.7	3.3	13.8	23.3	3.5	11.1	16.8	0.2	11.0	17.1	0.1
Queue Length 50th (ft)	6	62	0	27	94	0	20	42	0	20	50	0
Queue Length 95th (ft)	15	94	21	31	93	0	49	80	0	52	98	0
Internal Link Dist (ft)		963			1405			1244			646	
Turn Bay Length (ft)	50		50	50		50	50		50	50		50
Base Capacity (vph)	289	621	637	362	621	637	599	737	725	625	737	725
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.09	0.30	0.20	0.27	0.53	0.24	0.21	0.23	0.07	0.20	0.26	0.03

Intersection Summary

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	23	174	120	84	279	131	96	132	40	102	162	18
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	1863	1583	1770	1863	1583
Flt Permitted	0.42	1.00	1.00	0.53	1.00	1.00	0.61	1.00	1.00	0.65	1.00	1.00
Satd. Flow (perm)	783	1863	1583	995	1863	1583	1137	1863	1583	1206	1863	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.85	0.85	0.85	0.78	0.78	0.78	0.83	0.83	0.83
Adj. Flow (vph)	25	189	130	99	328	154	123	169	51	123	195	22
RTOR Reduction (vph)	0	0	96	0	0	110	0	0	34	0	0	14
Lane Group Flow (vph)	25	189	34	99	328	44	123	169	17	123	195	8
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	17.2	15.6	15.6	20.4	17.2	17.2	25.2	20.5	20.5	25.2	20.5	20.5
Effective Green, g (s)	17.2	15.6	15.6	20.4	17.2	17.2	25.2	20.5	20.5	25.2	20.5	20.5
Actuated g/C Ratio	0.29	0.26	0.26	0.34	0.29	0.29	0.42	0.34	0.34	0.42	0.34	0.34
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	250	484	411	379	534	453	527	636	540	550	636	540
v/s Ratio Prot	0.00	0.10		c0.01	c0.18		c0.02	0.09		0.02	c0.10	
v/s Ratio Perm	0.03		0.02	0.07		0.03	0.08		0.01	0.08		0.00
v/c Ratio	0.10	0.39	0.08	0.26	0.61	0.10	0.23	0.27	0.03	0.22	0.31	0.01
Uniform Delay, d1	15.6	18.3	16.8	13.9	18.5	15.7	10.9	14.3	13.1	10.8	14.5	13.1
Progression Factor	1.00	1.00	1.00	1.04	1.00	0.81	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	0.5	0.1	0.4	2.1	0.1	0.2	1.0	0.1	0.2	1.2	0.0
Delay (s)	15.8	18.8	16.9	14.8	20.6	12.7	11.1	15.3	13.3	11.1	15.8	13.1
Level of Service	B	B	B	B	C	B	B	B	B	B	B	B
Approach Delay (s)		17.9			17.5			13.5			13.9	
Approach LOS		B			B			B			B	

Intersection Summary			
HCM 2000 Control Delay	16.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.43		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	45.2%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Group Flow (vph)	231	210	55	290	156	28
v/c Ratio	0.16	0.13	0.12	0.20	0.19	0.04
Control Delay	9.1	0.2	12.3	12.3	10.1	4.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	9.1	0.2	12.3	12.3	10.1	4.1
Queue Length 50th (ft)	23	0	12	34	31	0
Queue Length 95th (ft)	38	0	29	51	59	10
Internal Link Dist (ft)	2078			2107	2862	
Turn Bay Length (ft)		50	50			50
Base Capacity (vph)	1415	1583	453	1415	826	753
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.16	0.13	0.12	0.20	0.19	0.04

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	199	181	45	238	136	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.95	1.00	1.00	0.95	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00
Satd. Flow (prot)	3539	1583	1770	3539	1770	1583
Flt Permitted	1.00	1.00	0.61	1.00	0.95	1.00
Satd. Flow (perm)	3539	1583	1132	3539	1770	1583
Peak-hour factor, PHF	0.86	0.86	0.82	0.82	0.87	0.87
Adj. Flow (vph)	231	210	55	290	156	28
RTOR Reduction (vph)	0	0	0	0	0	15
Lane Group Flow (vph)	231	210	55	290	156	13
Turn Type	NA	pm+ov	Perm	NA	Prot	Perm
Protected Phases	4	2		8	2	
Permitted Phases		4	8			2
Actuated Green, G (s)	24.0	52.0	24.0	24.0	28.0	28.0
Effective Green, g (s)	24.0	52.0	24.0	24.0	28.0	28.0
Actuated g/C Ratio	0.40	0.87	0.40	0.40	0.47	0.47
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	1415	1583	452	1415	826	738
v/s Ratio Prot	0.07	0.06		c0.08	c0.09	
v/s Ratio Perm		0.07	0.05			0.01
v/c Ratio	0.16	0.13	0.12	0.20	0.19	0.02
Uniform Delay, d1	11.6	0.6	11.4	11.8	9.4	8.6
Progression Factor	0.76	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	0.2	0.6	0.3	0.5	0.0
Delay (s)	9.0	0.8	11.9	12.1	9.9	8.6
Level of Service	A	A	B	B	A	A
Approach Delay (s)	5.1			12.1	9.7	
Approach LOS	A			B	A	

Intersection Summary			
HCM 2000 Control Delay	8.4	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.20		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	26.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Group Flow (vph)	38	193	62	136	239	23
v/c Ratio	0.09	0.36	0.10	0.13	0.24	0.03
Control Delay	7.3	3.6	5.3	5.2	5.6	2.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	7.3	3.6	5.3	5.2	5.6	2.7
Queue Length 50th (ft)	3	0	4	8	15	0
Queue Length 95th (ft)	12	18	14	24	40	5
Internal Link Dist (ft)	1367			2270	2862	
Turn Bay Length (ft)		50	50			50
Base Capacity (vph)	1657	1494	1130	1853	1853	1574
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.02	0.13	0.05	0.07	0.13	0.01

Intersection Summary



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (vph)	35	178	57	125	220	21
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.85	1.00	1.00	1.00	0.85
Flt Protected	0.95	1.00	0.95	1.00	1.00	1.00
Satd. Flow (prot)	1770	1583	1770	1863	1863	1583
Flt Permitted	0.95	1.00	0.61	1.00	1.00	1.00
Satd. Flow (perm)	1770	1583	1136	1863	1863	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	38	193	62	136	239	23
RTOR Reduction (vph)	0	155	0	0	0	12
Lane Group Flow (vph)	38	38	62	136	239	11
Turn Type	Prot	Perm	Perm	NA	NA	Perm
Protected Phases	4			2	6	
Permitted Phases		4	2			6
Actuated Green, G (s)	5.2	5.2	13.1	13.1	13.1	13.1
Effective Green, g (s)	5.2	5.2	13.1	13.1	13.1	13.1
Actuated g/C Ratio	0.20	0.20	0.50	0.50	0.50	0.50
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	349	312	565	927	927	788
v/s Ratio Prot	0.02			0.07	c0.13	
v/s Ratio Perm		c0.02	0.05			0.01
v/c Ratio	0.11	0.12	0.11	0.15	0.26	0.01
Uniform Delay, d1	8.7	8.7	3.5	3.6	3.8	3.3
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.1	0.2	0.1	0.1	0.1	0.0
Delay (s)	8.8	8.9	3.6	3.6	3.9	3.3
Level of Service	A	A	A	A	A	A
Approach Delay (s)	8.8			3.6	3.9	
Approach LOS	A			A	A	

Intersection Summary			
HCM 2000 Control Delay	5.5	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.22		
Actuated Cycle Length (s)	26.3	Sum of lost time (s)	8.0
Intersection Capacity Utilization	29.3%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	4	22	16	200	236	167
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.91	0.91	0.88	0.88
Hourly flow rate (vph)	4	24	18	220	268	190
Pedestrians				1	1	
Lane Width (ft)				12.0	12.0	
Walking Speed (ft/s)				4.0	4.0	
Percent Blockage				0	0	
Right turn flare (veh)						
Median type				TWLTL	TWLTL	
Median storage veh)				2	2	
Upstream signal (ft)				1307		
pX, platoon unblocked						
vC, conflicting volume	619	364	458			
vC1, stage 1 conf vol	363					
vC2, stage 2 conf vol	256					
vCu, unblocked vol	619	364	458			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)	5.4					
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	96	98			
cM capacity (veh/h)	622	680	1103			

Direction, Lane #	EB 1	NB 1	NB 2	SB 1
Volume Total	28	18	220	458
Volume Left	4	18	0	0
Volume Right	24	0	0	190
cSH	671	1103	1700	1700
Volume to Capacity	0.04	0.02	0.13	0.27
Queue Length 95th (ft)	3	1	0	0
Control Delay (s)	10.6	8.3	0.0	0.0
Lane LOS	B	A		
Approach Delay (s)	10.6	0.6		0.0
Approach LOS	B			

Intersection Summary			
Average Delay	0.6		
Intersection Capacity Utilization	32.9%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	20	60	53	60	85	50	85	160	25	87	255	17
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.74	0.74	0.74	0.81	0.81	0.81	0.87	0.87	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	27	81	72	74	105	62	98	184	29	100	293	20
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)			2									
Median type								TWLTL			TWLTL	
Median storage veh)								2			2	
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	996	911	303	963	906	198	313			213		
vC1, stage 1 conf vol	503	503		394	394							
vC2, stage 2 conf vol	494	408		569	513							
vCu, unblocked vol	996	911	303	963	906	198	313			213		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)	6.1	5.5		6.1	5.5							
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	90	79	90	70	71	93	92			93		
cM capacity (veh/h)	266	383	737	247	366	843	1248			1358		

Direction, Lane #	EB 1	WB 1	WB 2	NB 1	NB 2	SB 1	SB 2
Volume Total	180	74	167	98	213	100	313
Volume Left	27	74	0	98	0	100	0
Volume Right	72	0	62	0	29	0	20
cSH	589	247	463	1248	1700	1358	1700
Volume to Capacity	0.31	0.30	0.36	0.08	0.13	0.07	0.18
Queue Length 95th (ft)	32	30	40	6	0	6	0
Control Delay (s)	15.9	25.7	17.1	8.1	0.0	7.9	0.0
Lane LOS	C	D	C	A		A	
Approach Delay (s)	15.9	19.7		2.6		1.9	
Approach LOS	C	C					

Intersection Summary				
Average Delay	8.0			
Intersection Capacity Utilization	44.3%	ICU Level of Service	A	
Analysis Period (min)	15			



Lane Group	EBT	EBR	WBL	WBT	NBL
Lane Group Flow (vph)	196	148	87	342	163
v/c Ratio	0.20	0.17	0.14	0.36	0.25
Control Delay	4.7	0.9	3.0	3.3	7.5
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	4.7	0.9	3.0	3.3	7.5
Queue Length 50th (ft)	15	0	4	15	16
Queue Length 95th (ft)	37	0	12	33	51
Internal Link Dist (ft)	1405			1588	981
Turn Bay Length (ft)					
Base Capacity (vph)	962	889	610	962	651
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.20	0.17	0.14	0.36	0.25

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	180	136	80	315	60	90
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.85	1.00	1.00	0.92	
Flt Protected	1.00	1.00	0.95	1.00	0.98	
Satd. Flow (prot)	1863	1583	1770	1863	1678	
Flt Permitted	1.00	1.00	0.63	1.00	0.98	
Satd. Flow (perm)	1863	1583	1182	1863	1678	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	196	148	87	342	65	98
RTOR Reduction (vph)	0	72	0	0	64	0
Lane Group Flow (vph)	196	76	87	342	99	0
Turn Type	NA	Perm	Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases		4	8			
Actuated Green, G (s)	31.0	31.0	31.0	31.0	21.0	
Effective Green, g (s)	31.0	31.0	31.0	31.0	21.0	
Actuated g/C Ratio	0.52	0.52	0.52	0.52	0.35	
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	962	817	610	962	587	
v/s Ratio Prot	0.11			c0.18	c0.06	
v/s Ratio Perm		0.05	0.07			
v/c Ratio	0.20	0.09	0.14	0.36	0.17	
Uniform Delay, d1	7.8	7.4	7.6	8.6	13.5	
Progression Factor	0.52	0.30	0.32	0.26	1.00	
Incremental Delay, d2	0.5	0.2	0.5	1.0	0.6	
Delay (s)	4.6	2.4	2.9	3.2	14.1	
Level of Service	A	A	A	A	B	
Approach Delay (s)	3.7			3.2	14.1	
Approach LOS	A			A	B	

Intersection Summary			
HCM 2000 Control Delay	5.2	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.28		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	32.8%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

Lane Group	EBT	EBR	WBL	WBT	NBL
Lane Group Flow (vph)	239	54	54	353	250
v/c Ratio	0.29	0.07	0.11	0.42	0.31
Control Delay	9.0	2.5	6.4	9.3	5.3
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	9.0	2.5	6.4	9.3	5.3
Queue Length 50th (ft)	38	0	10	89	16
Queue Length 95th (ft)	68	1	32	144	54
Internal Link Dist (ft)	1588			2078	1223
Turn Bay Length (ft)					
Base Capacity (vph)	838	742	491	838	794
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.29	0.07	0.11	0.42	0.31

Intersection Summary

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	220	50	50	325	70	160
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.85	1.00	1.00	0.91	
Flt Protected	1.00	1.00	0.95	1.00	0.99	
Satd. Flow (prot)	1863	1583	1770	1863	1662	
Flt Permitted	1.00	1.00	0.59	1.00	0.99	
Satd. Flow (perm)	1863	1583	1092	1863	1662	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	239	54	54	353	76	174
RTOR Reduction (vph)	0	30	0	0	102	0
Lane Group Flow (vph)	239	24	54	353	149	0
Turn Type	NA	Perm	Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases		4	8			
Actuated Green, G (s)	27.0	27.0	27.0	27.0	25.0	
Effective Green, g (s)	27.0	27.0	27.0	27.0	25.0	
Actuated g/C Ratio	0.45	0.45	0.45	0.45	0.42	
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	838	712	491	838	692	
v/s Ratio Prot	0.13			c0.19	c0.09	
v/s Ratio Perm		0.02	0.05			
v/c Ratio	0.29	0.03	0.11	0.42	0.21	
Uniform Delay, d1	10.4	9.2	9.5	11.2	11.2	
Progression Factor	0.76	0.69	0.60	0.67	1.00	
Incremental Delay, d2	0.8	0.1	0.4	1.5	0.7	
Delay (s)	8.8	6.5	6.2	9.1	11.9	
Level of Service	A	A	A	A	B	
Approach Delay (s)	8.4			8.7	11.9	
Approach LOS	A			A	B	

Intersection Summary			
HCM 2000 Control Delay	9.4	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.32		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	38.6%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			