

ORDINANCE NO. 2012-3

ROAD SPEED LIMITS

**AN ORDINANCE TO ESTABLISH A SPEED LIMIT ON HIGHWAY 282,
LEWIS AND CLARK COUNTY, MONTANA, AND TO PROVIDE PENALTIES
FOR A VIOLATION THEREOF**

WHEREAS, the Lewis and Clark County Commission requested a review of the speed limit along Highway 282, south of the City of East Helena, Lewis and Clark County; and

WHEREAS, the Lewis and Clark County Public Works Department requested that Abelin Traffic Services of Helena, Montana, perform a speed study on this road and determine if the posted speed limit is appropriate for the existing road conditions and travel patterns; and

WHEREAS, Section 61-8-310, MCA allows the Lewis and Clark County Commission to establish speed limits on any public highways as defined in 60-1-103, MCA; and

WHEREAS, Highway 282, in Lewis and Clark County, Montana, is a public road as defined in Section 60-1-103, MCA; and

NOW, THEREFORE, BE IT ORDAINED BY THE COUNTY COMMISSION OF LEWIS AND CLARK COUNTY, STATE OF MONTANA:

SECTION 1. SPEED LIMIT ESTABLISHED

See attached "Exhibit A – Abelin Speed Study."

SECTION 2. SPEED LIMIT SIGNS

Upon receiving notice of the regulatory speed limit established by this Ordinance, and after the passage of at least thirty days from the date this Ordinance is adopted, the Public Works Department shall erect the appropriate signs giving drivers notice of the regulatory speed limit established by this Ordinance.

SECTION 3. PENALTY

Section 1 – Highway 282, ASARCO south of U.S. Highway 12 to Smelter Road. A vehicle traveling more than 45 mph on this section of Road is in violation of the law, and the driver is subject to penalties.

Section 2 – Highway 282, ASARCO to City of Helena. A vehicle traveling more than 60 mph on this section of Road is in violation of the law, and the driver is subject to penalties.

Section 3 – Highway 282, City of Helena. A vehicle traveling more than 60 mph on this section of Road is in violation of the law, and the driver is subject to penalties

Section 4 – Highway 282, L&C County. A vehicle traveling more than 60 mph on this section of Road is in violation of the law, and the driver is subject to penalties.

Penalty for violation of this Ordinance or any provision thereof shall be enforced according to Title 61, Chapter 8, MCA, or any other applicable state or local law.

SECTION 4. SEVERABILITY

Should any court declare any part of this ordinance unconstitutional or invalid, the ordinance as a whole, or any part thereof, other than the part so declared to be unconstitutional or invalid, shall remain in effect.

SECTION 5. EFFECTIVE DATE

This Ordinance shall take effect thirty days after the date of Second Reading and approval of this Ordinance by the County Commission.

SECTION 6. MODIFICATION

This Ordinance may be modified by formal action by the Board of County Commissioners in the same manner as required in the adoption of the Ordinance.

SECTION 7. DURATION

This Ordinance shall remain in effect until repealed or suspended by other legislative or judicial action.

READ and adopted at first reading this _____ day of _____, 2012, by the Lewis and Clark County Commission, State of Montana.

ATTEST:

Andy Hunthausen, Chairman

Paulette DeHart, Clerk of the Board

READ and adopted at second and final reading this _____ day of _____, 2012.

ATTEST:

Andy Hunthausen, Chairman

Paulette DeHart, Clerk of the Board



April 25, 2012

Eric Griffin
Lewis & Clark County
3402 Cooney Drive
Helena, MT 59601

RE: Highway 282 Speed Study

Dear Eric,

Per your request Abelin Traffic Services (ATS) has reviewed the existing vehicle speeds along Highway 282 south of the City of East Helena. Highway 282 is currently maintained by four different agencies, the City of East Helena (4,562 L.F.), the City of Helena (2,242 L.F.), Lewis & Clark County (1,967 L.F.), and Jefferson County (4,392 L.F.). The only posted speed limits on this road are in the newly reconstructed City of Helena section which has a posted speed limit of 45 MPH. ATS analyzed the speed information on Highway 282 to determine appropriate speed limits for this road based on existing road conditions and travel characteristics.

Existing Conditions

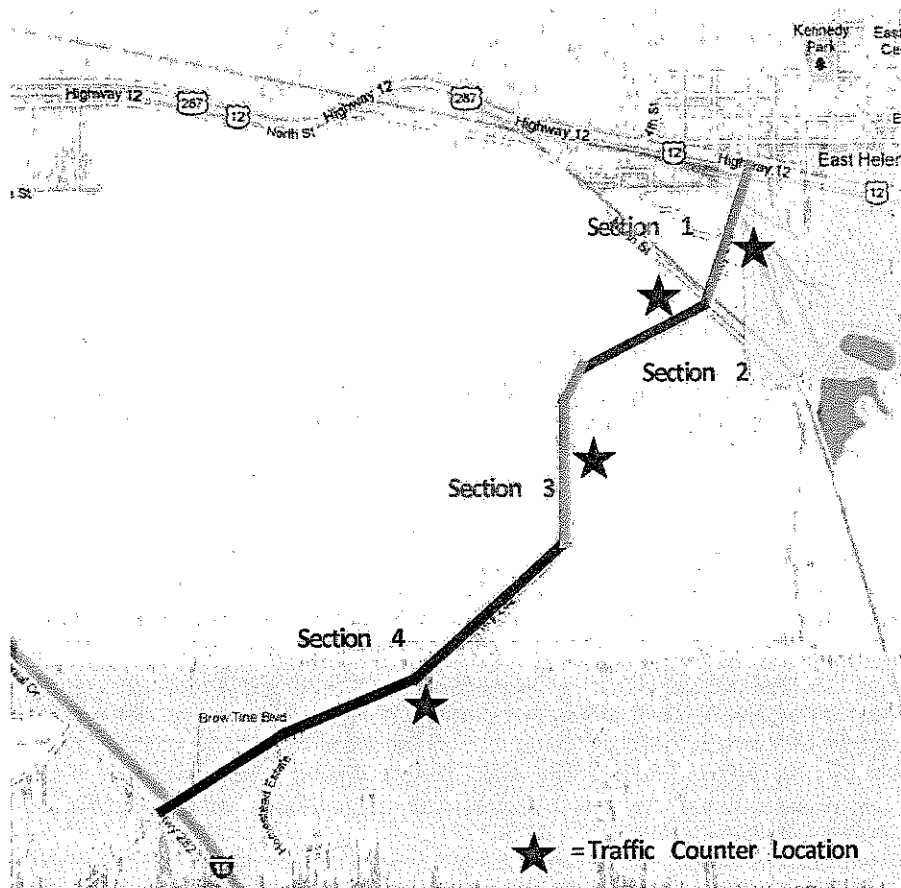
The study roadway begins at an intersection with U.S. Highway 12 in East Helena near the ASARCO smelter. Highway 282 extends south past the smelter facilities, crosses a spur of the Montana Rail Link railroad tracks, then curves to the west. This portion of the road is under the jurisdiction of the City of East Helena. The Highway then curves to the south again and enters a newly reconstructed portion of the roadway which is maintained by the City of Helena and was improved to modern standards as part of the Mountain View Meadows development project. This section is approximately one-half mile in length and has a posted 45 MPH speed limit. Past the City of Helena section, the road then curves back to the west and continues through a Lewis & Clark County maintained section and then into a Jefferson County maintained section. The road then crosses over I-15 and connects with Colonial Drive. See **Figure 1** for a map of the study area.

For the purposes of this study ATS broke the road into four different sections. These sections include the portion of road south of Highway 12 to Smelter Road (City of East Helena), the portion from Smelter Road to the City of Helena boundary (City of East Helena), the newly reconstructed City of Helena portion, and the Lewis & Clark County/Jefferson County section. The Lewis & Clark County and Jefferson County sections have similar characteristics and were analyzed as one segment.

Visibility on the road is very good and much of the road (70%) has no passing restrictions. The clear zones have few obstructions. In general the road structure is in good shape and the ride character is reasonably smooth, however the road surface is in poor condition with considerable cracking in the asphalt surface in all but the City of Helena section. All of the sections of road have an Average Daily Traffic volume of 1,400 VPD.

130 South Howie Street
Helena, Montana 59601
406-459-1443

Figure 1 - Vicinity Map



Road Sections

Section 1 – Highway 282, ASARCO

Section 1 includes the portion of Highway 282 south of U.S. Highway 12 to Smelter Road. The intersection of Highway 282 and U.S. Highway 12 is currently controlled by a traffic signal. This section of road passes next to the ASARCO Smelter facility. The roadside environment in this section is industrial in nature and there are several driveway approaches. The road has a paved width of 25 feet on 80 feet of right-of-way. There is no posted speed limit along this section.

Section 2 – Highway 282, ASARCO to City of Helena

Just south of ASARCO near Smelter Road, the Highway curves to the west. The roadside environment in this section is composed of open fields. The Highway has the same cross-section and design with 26 feet of pavement on 80 feet of ROW. Section 2 ends where the road curves to the south at the City of Helena City Limits. There is no posted speed limit along this section.

Section 3- Highway 282, City of Helena

Section 3 begins at the City of Helena City limits where the road has been fully reconstructed as part of the Mountain View Meadows project. This section of road has a paved width of 35 feet on 100 feet of ROW. Near the north end of the section Highway 282 intersects Runkle Parkway. This intersection has a separated left-turn deceleration lane. The Highway then crosses a large gully with steep slopes which are protected by guard rails. This section of road has a posted speed limit of 45 MPH.

Section 4 – Highway 282, L&C County & Jefferson County

South of the City of Helena section, Highway 282 curves back to the west and crosses into Lewis & Clark County. From here the road cross-section reverts back to the 25 foot paved service on 100 feet of ROW as seen in Section 2 and the roadside environment is clear. The road then passes into Jefferson County with the same road design and surface condition. The road crosses I-15 and intersects Colonial Drive at a four-way STOP controlled intersection. There is no speed limit on Section 4. It should be noted that the L&C County/Jefferson County line is marked with roadside signs 100 yards west of Dahl Drive. However, a review of the County Boundaries indicates that the L&C Co/Jefferson County line is east of Dahl Drive. The County boundary signs may not be on the actual county line.

Crash Data

Abelin Traffic Services obtained crash data for the study roadways from the Montana DOT. This data indicated that six vehicle crashes have occurred along this roadway in the past five years. These six crashes were spread out over the length of the roadway with no obvious crash concentrations. Three of the crashes were collisions with wild animals. One multi-vehicle rear-end collision occurred and one alcohol-related crash resulted in a fatality. The crash rate for Highway 282 is approximately 1.1 crashes per million vehicle miles traveled, which is slightly below the state average for secondary highways.

Speed Data

Vehicle speed data was collected on the four sections of roadway April 3-5 2012. The weather condition during the traffic study was warm and mostly sunny and the roads had very good driving conditions throughout the data collection period. The data was collected continuously using Diamond Unicorn Limited traffic counters to record the individual speed data from every vehicle using the road. The results of the data collection are shown in Table 1.

TABLE 1 – Vehicle Speed Data

	Section 1	Section 2	Section 3	Section 4
Average Speed (MPH)	39.3	47.2	51.9	55.2
85% Percentile Speed (MPH)	45.0	53.6	58.8	62.4
10 MPH Pace Speeds	35-45 MPH	40-50 MPH	45-55 MPH	50-60 MPH
Percent in Pace	64.7%	58.1%	57.3%	57.8%
Average Daily Traffic Volume	1,451	1,377	1,414	1,406

The data indicates that vehicle speeds along Highway 282 are reasonably uniform. Although there is no posted speed limit on most of these sections of road, most vehicles (around 60%) are driving within the pace (the 10 MPH range in which the most road users are driving). In general it is desirable to have the majority of traffic on a roadway traveling within or around the 10 MPH pace, this decreases the variability in vehicle speeds and decreases vehicle conflicts. The average speed and 85th percentile speed (the speed at which 85% of road users are driving at or below) slowly increases from section 1 through section 4. Vehicles drive more slowly near the ASARCO smelter in Section 1 (45 MPH), and fastest in the L&C County and Jefferson County section (62 MPH).

Based on the speed information, it may be most appropriate to set two different speed limits on Highway 282. In section 1 where speeds are lower near the ASARCO smelter, a 45 MPH speed limit would be appropriate. In the other three sections, a posted speed limit of 60 MPH would be appropriate. It should be noted that if this road is ever reconstructed or resurfaced, an improved road surface may increase vehicle speeds and the posted speed limit may need to be re-evaluated.

Recommendations

- It is recommended that the posted speed limit on Highway 282 from U.S. Highway 12 to Smelter Road be posted at 45 MPH. The speed limit for the rest of Highway 282 should be posted at 60 MPH. If you have any questions about these results please feel free to call me at 406-459-1443

Sincerely,



Bob Abelin, P.E.
Abelin Traffic Services, Inc.

Special Speed Study Summary: 282HWY1

Description	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18								
1 - 10.1 - 15.1 - 20.1 - 25.1 - 30.1 - 35.1 - 40.1 - 45.1 - 50.1 - 55.1 - 60.1 - 65.1 - 70.1 - 75.1 - 80.1 - 85.1 - 90.1 - 100	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95								
Grand Total #1:	114			13	59	203	492	395	163	35	10	1	000000					1	3							
Percent :	0%	0%	0%	1%	4%	15%	36%	29%	12%	3%	1%	0%	0%	0%	0%	0%	0%	0%								
Cum. Percent :	0%	0%	0%	1%	6%	20%	56%	85%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%								
Average :	0	0	0	0	1	4	11	9	4	1	0	0	0	0	0	0	0	0								
ADT = 718	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Average Speed : 39.3 mph</td> <td>50% Speed : 39.2 mph</td> <td>67% Speed : 42.0 mph</td> <td>85% Speed : 45.2 mph</td> </tr> <tr> <td colspan="4" style="font-size: small;">10mph Pace: 35.2 - 45.1 (64.1%)</td> </tr> </table>																		Average Speed : 39.3 mph	50% Speed : 39.2 mph	67% Speed : 42.0 mph	85% Speed : 45.2 mph	10mph Pace: 35.2 - 45.1 (64.1%)			
Average Speed : 39.3 mph	50% Speed : 39.2 mph	67% Speed : 42.0 mph	85% Speed : 45.2 mph																							
10mph Pace: 35.2 - 45.1 (64.1%)																										
Grand Total #3:	005			14	62	219	473	440	149	347		1	010000					1	4							
Percent :	0%	0%	0%	1%	4%	16%	34%	31%	11%	2%	0%	0%	0%	0%	0%	0%	0%	0%								
Cum. Percent :	0%	0%	0%	1%	6%	21%	55%	86%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%								
Average :	0	0	0	0	1	5	10	10	10	10	10	10	10	10	10	10	10	10								
ADT = 733	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Average Speed : 39.3 mph</td> <td>50% Speed : 39.4 mph</td> <td>67% Speed : 42.1 mph</td> <td>85% Speed : 44.9 mph</td> </tr> <tr> <td colspan="4" style="font-size: small;">10mph Pace: 35.2 - 45.1 (64.0%)</td> </tr> </table>																		Average Speed : 39.3 mph	50% Speed : 39.4 mph	67% Speed : 42.1 mph	85% Speed : 44.9 mph	10mph Pace: 35.2 - 45.1 (64.0%)			
Average Speed : 39.3 mph	50% Speed : 39.4 mph	67% Speed : 42.1 mph	85% Speed : 44.9 mph																							
10mph Pace: 35.2 - 45.1 (64.0%)																										
Comb. Total :	1	1	9	27	121	422	965	835	312	69	17	2	0	1	0	0	0	0	2	7						
Percent :	0%	0%	0%	1%	4%	15%	35%	30%	11%	2%	1%	0%	0%	0%	0%	0%	0%	0%								
Cum. Percent :	0%	0%	0%	1%	6%	21%	56%	86%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%								
Average :	0	0	0	1	3	9	21	18	20	0	0	0	0	0	0	0	0	0								
ADT = 1451	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Average Speed : 39.3 mph</td> <td>50% Speed : 39.3 mph</td> <td>67% Speed : 42.1 mph</td> <td>85% Speed : 45.0 mph</td> </tr> <tr> <td colspan="4" style="font-size: small;">10mph Pace: 35.2 - 45.1 (64.7%)</td> </tr> </table>																		Average Speed : 39.3 mph	50% Speed : 39.3 mph	67% Speed : 42.1 mph	85% Speed : 45.0 mph	10mph Pace: 35.2 - 45.1 (64.7%)			
Average Speed : 39.3 mph	50% Speed : 39.3 mph	67% Speed : 42.1 mph	85% Speed : 45.0 mph																							
10mph Pace: 35.2 - 45.1 (64.7%)																										

Special Speed Study Summary: 282HWY2

Description	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18							
	1 - 10.1 - 10.1	15.1 - 20.1	20.1 - 25.1	25.1 - 30.1	30.1 - 35.1	35.1 - 40.1	40.1 - 45.1	45.1 - 50.1	50.1 - 55.1	55.1 - 60.1	60.1 - 65.1	65.1 - 70.1	70.1 - 75.1	75.1 - 80.1	80.1 - 85.1	85.1 - 90.1	90.1 - 95								
Grand Total #1:	03428					26	80	286	435	335	97	28	611000					1	3						
Percent :	0%	0%	0%	0%	1%	2%	6%	22%	33%	26%	7%	2%	0%	0%	0%	0%	0%	0%							
Cum. Percent :	0%	0%	1%	1%	1%	3%	9%	31%	64%	90%	97%	99%	100%	100%	100%	100%	100%	100%							
Average :	0	0	0	0	0	1	2	6	9	7	2	1	0	0	0	0	0	28							
ADT = 684	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>Average Speed : 47.7 mph</td> <td>50% Speed : 48.0 mph</td> <td>67% Speed : 50.7 mph</td> <td>85% Speed : 54.1 mph</td> </tr> <tr> <td colspan="4" style="font-size: x-small;">10mph Pace: 40.1 - 50.0 (58.1%)</td> </tr> </table>																	Average Speed : 47.7 mph	50% Speed : 48.0 mph	67% Speed : 50.7 mph	85% Speed : 54.1 mph	10mph Pace: 40.1 - 50.0 (58.1%)			
Average Speed : 47.7 mph	50% Speed : 48.0 mph	67% Speed : 50.7 mph	85% Speed : 54.1 mph																						
10mph Pace: 40.1 - 50.0 (58.1%)																									
Grand Total #3:	00113					24	135	328	485	267	63	15	501000					1	3						
Percent :	0%	0%	0%	0%	0%	2%	10%	25%	37%	20%	5%	1%	0%	0%	0%	0%	0%	0%							
Cum. Percent :	0%	0%	0%	0%	0%	2%	12%	37%	74%	94%	98%	100%	100%	100%	100%	100%	100%	100%							
Average :	0	0	0	0	0	1	3	7	11	16	10	0	0	0	0	0	0	29							
ADT = 692	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>Average Speed : 46.7 mph</td> <td>50% Speed : 47.0 mph</td> <td>67% Speed : 49.2 mph</td> <td>85% Speed : 52.9 mph</td> </tr> <tr> <td colspan="4" style="font-size: x-small;">10mph Pace: 40.1 - 50.0 (58.1%)</td> </tr> </table>																	Average Speed : 46.7 mph	50% Speed : 47.0 mph	67% Speed : 49.2 mph	85% Speed : 52.9 mph	10mph Pace: 40.1 - 50.0 (58.1%)			
Average Speed : 46.7 mph	50% Speed : 47.0 mph	67% Speed : 49.2 mph	85% Speed : 52.9 mph																						
10mph Pace: 40.1 - 50.0 (58.1%)																									
Comb. Total :	0353				11	50	215	614	920	602	160	43	1112000					2	6						
Percent :	0%	0%	0%	0%	0%	2%	8%	23%	35%	23%	6%	2%	0%	0%	0%	0%	0%	0%							
Cum. Percent :	0%	0%	0%	0%	1%	3%	11%	34%	69%	92%	98%	99%	100%	100%	100%	100%	100%	100%							
Average :	0	0	0	0	0	1	5	13	20	13	10	0	0	0	0	0	0	56							
ADT = 1377	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>Average Speed : 47.2 mph</td> <td>50% Speed : 47.5 mph</td> <td>67% Speed : 49.8 mph</td> <td>85% Speed : 53.6 mph</td> </tr> <tr> <td colspan="4" style="font-size: x-small;">10mph Pace: 40.1 - 50.0 (58.1%)</td> </tr> </table>																	Average Speed : 47.2 mph	50% Speed : 47.5 mph	67% Speed : 49.8 mph	85% Speed : 53.6 mph	10mph Pace: 40.1 - 50.0 (58.1%)			
Average Speed : 47.2 mph	50% Speed : 47.5 mph	67% Speed : 49.8 mph	85% Speed : 53.6 mph																						
10mph Pace: 40.1 - 50.0 (58.1%)																									

Special Speed Study Summary: 282HWY3

Description	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18				
	1-10	10.1-15	15.1-20	20.1-25	25.1-30	30.1-35	35.1-40	40.1-45	45.1-50	50.1-55	55.1-60	60.1-65	65.1-70	70.1-75	75.1-80	80.1-85	85.1-90	90.1-95				
Grand Total #1:	0	1	1	2	3	15	46	180	400	383	213	89	18	7	1	0	0	0	1359			
Percent :	0%	0%	0%	0%	0%	1%	3%	13%	29%	28%	16%	7%	1%	1%	0%	0%	0%	0%				
Cum. Percent :	0%	0%	0%	0%	1%	2%	5%	18%	48%	76%	92%	98%	99%	100%	100%	100%	100%	100%				
Average:	0	0	0	0	0	0	1	4	9	9	5	2	0	0	0	0	0	0	30			
ADT = 724	<table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; padding: 2px;">Average Speed : 50.6 mph</td> <td style="border: 1px solid black; padding: 2px;">50% Speed : 50.6 mph</td> <td style="border: 1px solid black; padding: 2px;">67% Speed : 53.5 mph</td> <td style="border: 1px solid black; padding: 2px;">85% Speed : 58.0 mph</td> </tr> </table>																		Average Speed : 50.6 mph	50% Speed : 50.6 mph	67% Speed : 53.5 mph	85% Speed : 58.0 mph
Average Speed : 50.6 mph	50% Speed : 50.6 mph	67% Speed : 53.5 mph	85% Speed : 58.0 mph																			
Grand Total #3:	0	0	0	0	2	1	8	73	277	448	344	106	25	9	1	0	0	0	1294			
Percent :	0%	0%	0%	0%	0%	0%	1%	6%	21%	35%	27%	8%	2%	1%	0%	0%	0%	0%				
Cum. Percent :	0%	0%	0%	0%	0%	0%	1%	6%	28%	63%	89%	97%	99%	100%	100%	100%	100%	100%				
Average:	0	0	0	0	0	0	0	2	6	10	8	2	1	0	0	0	0	0	29			
ADT = 690	<table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; padding: 2px;">Average Speed : 53.4 mph</td> <td style="border: 1px solid black; padding: 2px;">50% Speed : 53.3 mph</td> <td style="border: 1px solid black; padding: 2px;">67% Speed : 56.0 mph</td> <td style="border: 1px solid black; padding: 2px;">85% Speed : 59.3 mph</td> </tr> </table>																		Average Speed : 53.4 mph	50% Speed : 53.3 mph	67% Speed : 56.0 mph	85% Speed : 59.3 mph
Average Speed : 53.4 mph	50% Speed : 53.3 mph	67% Speed : 56.0 mph	85% Speed : 59.3 mph																			
Comb. Total :	0	1	1	2	5	16	54	253	677	831	557	195	43	16	2	0	0	0	2653			
Percent :	0%	0%	0%	0%	0%	1%	2%	10%	26%	31%	21%	7%	2%	1%	0%	0%	0%	0%				
Cum. Percent :	0%	0%	0%	0%	0%	1%	3%	13%	38%	69%	90%	98%	99%	100%	100%	100%	100%	100%				
Average:	0	0	0	0	0	0	1	6	15	18	12	4	1	0	0	0	0	0	57			
ADT = 1414	<table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; padding: 2px;">Average Speed : 51.9 mph</td> <td style="border: 1px solid black; padding: 2px;">50% Speed : 52.1 mph</td> <td style="border: 1px solid black; padding: 2px;">67% Speed : 54.7 mph</td> <td style="border: 1px solid black; padding: 2px;">85% Speed : 58.8 mph</td> </tr> </table>																		Average Speed : 51.9 mph	50% Speed : 52.1 mph	67% Speed : 54.7 mph	85% Speed : 58.8 mph
Average Speed : 51.9 mph	50% Speed : 52.1 mph	67% Speed : 54.7 mph	85% Speed : 58.8 mph																			

Special Speed Study Summary: 282HWY4

Description	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18		
	1 - 10.1 - 10	15.1 - 15.20	20.1 - 25	25.1 - 30	30.1 - 35	35.1 - 40	40.1 - 45	45.1 - 50	50.1 - 55	55.1 - 60	60.1 - 65	65.1 - 70	70.1 - 75	75.1 - 80	80.1 - 85	85.1 - 90	90.1 - 95			
Grand Total #1:	100	1146						48	177	374	370	228	54	235	200			1	2	
Percent :	0%	0%	0%	0%	0%	0%	0%	4%	14%	29%	29%	18%	4%	2%	0%	0%	0%			
Cum. Percent :	0%	0%	0%	0%	0%	1%	1%	5%	18%	47%	76%	94%	98%	99%	100%	100%	100%	100%	100%	
Average :	0	0	0	0	0	0	0	1	4	9	8	5	1	1	0	0	0	0	29	
ADT = 705	<div style="border: 1px solid black; padding: 2px;"> Average Speed : 55.6 mph 50% Speed : 55.6 mph 67% Speed : 58.5 mph 85% Speed : 62.7 mph <small>10mph Pace: 50.1 - 60.0 (57.8%)</small> </div>																			
Grand Total #3:	200	104						18	49	212	356	391	167	59	231	200			1	2
Percent :	0%	0%	0%	0%	0%	0%	1%	4%	16%	28%	30%	13%	5%	2%	0%	0%	0%	0%		
Cum. Percent :	0%	0%	0%	0%	0%	1%	2%	6%	22%	50%	80%	93%	98%	100%	100%	100%	100%	100%	100%	
Average :	0	0	0	0	0	0	0	1	5	8	9	4	1	1	0	0	0	0	29	
ADT = 700	<div style="border: 1px solid black; padding: 2px;"> Average Speed : 54.9 mph 50% Speed : 55.1 mph 67% Speed : 57.8 mph 85% Speed : 62.0 mph <small>10mph Pace: 50.1 - 60.0 (58.1%)</small> </div>																			
Comb. Total :	300	218						24	97	389	730	761	395	113	466	400			2	5
Percent :	0%	0%	0%	0%	0%	0%	1%	4%	15%	28%	30%	15%	4%	2%	0%	0%	0%	0%		
Cum. Percent :	0%	0%	0%	0%	0%	1%	1%	5%	20%	49%	78%	93%	98%	100%	100%	100%	100%	100%	100%	
Average :	0	0	0	0	0	0	1	2	9	17	17	9	4	1	0	0	0	0	59	
ADT = 1406	<div style="border: 1px solid black; padding: 2px;"> Average Speed : 55.2 mph 50% Speed : 55.3 mph 67% Speed : 58.2 mph 85% Speed : 62.4 mph <small>10mph Pace: 50.1 - 60.0 (57.8%)</small> </div>																			