

### Corridor Notes

- NM 47 runs parallel to I-25 (before intersecting) and connects the municipalities of Los Lunas, Bosque Farms, Peralta and other communities in Valencia County with I-25 and Bernalillo County.
- The CMP corridor runs between NM 6 and I-25.
- NM 47 becomes Broadway Blvd north of I-25.
- Predominant movement is northbound in the AM and southbound in the PM.
- **Congestion** is most severe around Bosque Farms Loop from Esperanza Rd to Chical Rd.
- NM 47 experiences a combination of high volumes across the corridor, particularly during peak periods, but relatively smooth speeds. It is the third highest ranking corridor in terms of V/C ratio.
- The highest **volume** portion of NM 47 is directly north of NM 6 (26,000 daily vehicles). Volume across the corridor is fairly consistent.
- **Crash rates** along the corridor are well below the regional average.
- Considerable **growth** in population (87%) and employment (79%) is projected in the study area by 2035.

### Transit Characteristics

- There is no existing transit service along NM 47.

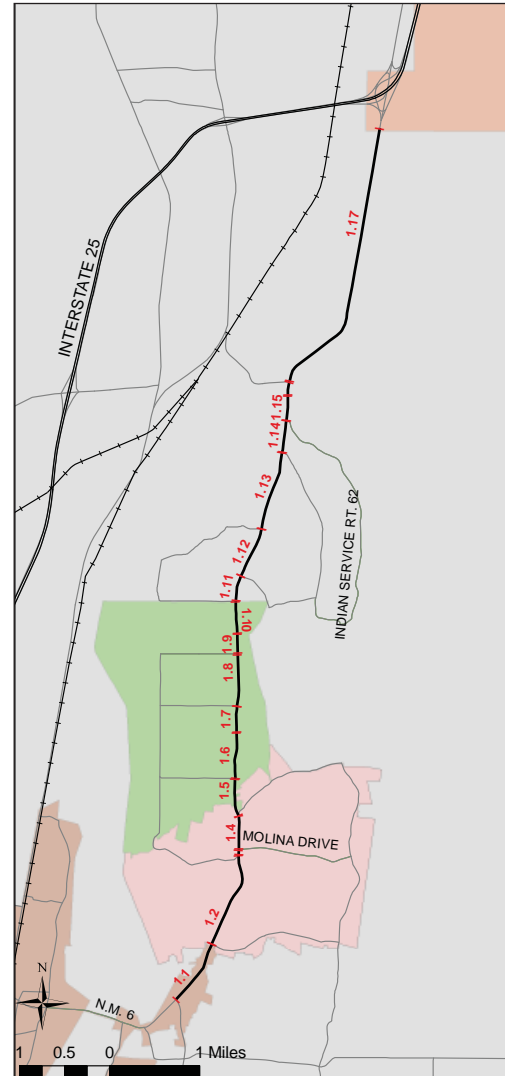
## Profile & Statistics

Corridor Profile			
Study Area	147.4 Sq. Miles		
Length & No. of Segments	10.3 Miles - 17 segments		
Functional Class	Principal Arterial: NM 6 to Valencia Rd Minor Arterial: Valencia Rd to NM 147 Principal Arterial: NM 147 to I-25		
Access Control	None		
Lanes	4 lanes		
Intelligent Transportation Systems	Designated corridor: Yes ITS deployment: Yes - CCTV, DMS		
Transit	None		
Bicycle Facilities	None		
Summary Data			
Daily Volume	18,000 - 26,000		
Average Speeds (PM North)	31 - 56 mph		
Average Speeds (PM South)	29 - 53 mph		
Total Delay (PM North)	2 seconds (<1 sec./mile)		
Total Delay (PM South)	65 seconds (6 sec./mile)		
Demographic Trends			
Measure	2000	2008	2035
Population	12,646	13,840	25,862
Employment	4,984	6,277	11,236
Corridor Ranks			
Volume/Capacity Ratio	3 / 30		
Speed Differential	23 / 30		
Crash Rates	29 / 30		
Overall Rank	7 / 30		

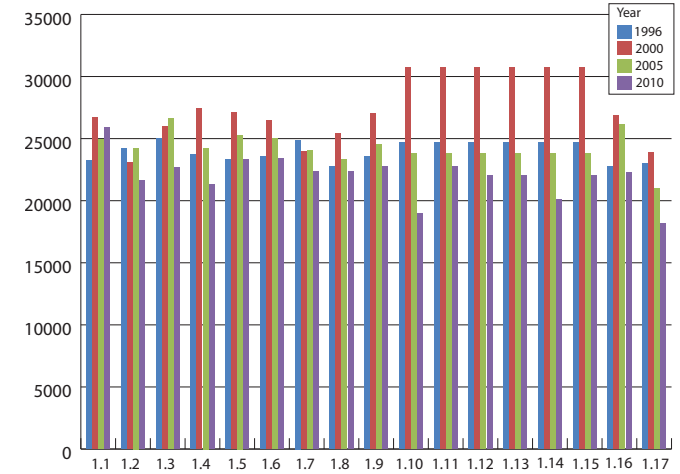
## ID and Segment Names

ID	Location	Length (Miles)	Posted Speed (MPH)	2010 Volume (AWDT)
1.1	N.E. OF N.M. 6 - S.W. OF VALENCIA RD	0.74	40	25,864
1.2	NORTH OF VALENCIA RD - SOUTH OF CHUGHOLE LANE	1.06	44	21,626
1.3	NORTH OF CHUGHOLE LANE - SOUTH OF MOLINA DRIVE	0.09	40	22,695
1.4	NORTH OF MOLINA DRIVE - SOUTH OF PERALTA BLVD	0.37	40	21,338
1.5	NORTH OF PERALTA BLVD - SOUTH OF BOSQUE FARMS LOOP (S.)	0.43	40	23,325
1.6	NORTH OF BOSQUE FARMS LOOP (S.) - SOUTH OF MITCHELL RD	0.51	45	23,392
1.7	NORTH OF MITCHELL RD - SOUTH OF ESPERANZA RD	0.30	45	22,326
1.8	NORTH OF ESPERANZA RD - SOUTH OF BOSQUE FARMS LOOP (N.)	0.58	45	22,318
1.9	NORTH OF BOSQUE FARMS LOOP (N.) - SOUTH OF SUNFLOWER RD	0.23	45	22,789
1.10	NORTH OF SUNFLOWER RD - SOUTH OF TRIBAL RD 7 (S.)	0.36	45	18,933
1.11	NORTH OF TRIBAL RD 7 (S.) - SOUTH OF CHICAL RD	0.29	50	22,744
1.12	NORTH OF CHICAL RD - SOUTH OF TRIBAL RD 7 (N.)	0.57	50	22,058
1.13	NORTH OF SUNFLOWER RD - SOUTH OF TRIBAL RD 6	0.89	50	22,027
1.14	NORTH OF TRIBAL RD 6 - SOUTH OF INDIAN SERVICE RT 62	0.37	50	20,068
1.15	NORTH OF INDIAN SERVICE RT. 62 - BERN/VAL COUNTY LINE	0.26	50	22,064
1.16	BERN/VAL COUNTY LINE - SOUTH OF N.M. 147	0.13	55	22,297
1.17	NORTH OF N.M. 147 - SOUTH OF BROADWAY	3.17	48	18,167

## ID Location



## Average Weekday Daily Traffic



## Access Characteristics

ID	North-Bound				South-Bound				Center-Turn Lanes
	Driveways	Intersections	Right-Turn Lanes	On-Street Parking	Driveways	Intersections	Right-Turn Lanes	On-Street Parking	
1.1	10	4	0	No	15	2	1	No	Continuous
1.2	13	3	0	No	25	5	0	No	Continuous
1.3	0	1	0	No	2	0	0	No	No
1.4	9	0	0	No	5	0	0	No	No
1.5	8	1	0	No	11	2	0	No	Continuous
1.6	9	2	0	No	12	1	0	No	Continuous
1.7	11	3	0	No	9	1	0	No	Continuous
1.8	17	1	0	No	14	1	0	No	Continuous
1.9	5	1	0	No	9	1	0	No	Continuous
1.10	6	2	0	No	10	2	0	No	Continuous
1.11	3	1	1	No	3	1	0	No	Continuous
1.12	7	2	0	No	9	2	0	No	No
1.13	6	1	0	No	6	2	0	No	No
1.14	8	1	0	No	8	1	0	No	Continuous
1.15	1	0	0	No	3	0	0	No	No
1.16	1	1	0	No	1	0	0	No	No
1.17	2	1	0	No	1	1	1	No	Median Turn Bay
<b>Total</b>	<b>116</b>	<b>25</b>	<b>1</b>		<b>143</b>	<b>22</b>	<b>2</b>		

### Volume Notes

- The heaviest volumes along NM 47 occur north of NM 6 (26,000) and between Peralta Blvd and Mitchell Rd (23,000 AWDT in 2010).
- Overall average volumes decreased by 18% between 2000 and 2008. During that same period, the population in the study area increased by 9%.
- All segments experienced volume decreases between 2000 and 2010. The highest volume decrease (38%) occurred between Sunflower Rd and Tribal Rd 7.

### Access Notes

- The NM 47 CMP corridor has **no access control**.
- There are continuous center turn lanes along large portions of NM 47, including the stretch between Peralta Blvd and Chical Rd.
- There are 11 **signalized intersections** along the CMP corridor; an average of one signal **every 0.94 miles**.

Speed Differential (Observed Speed vs. Posted Speed)

ID	Location	Posted Speed	Speed (MPH)				Speed Differential			
			AM-SB	AM-NB	PM-SB	PM-NB	AM-SB	AM-NB	PM-SB	PM-NB
1.1	N.E. OF N.M. 6 - S.W. OF VALENCIA RD	40	38.8	35.2	29.4	35.9	2.9%	-12.0%	26.4%	10.2%
1.2	NORTH OF VALENCIA RD - SOUTH OF CHUGHOLE LANE	40/45	42.0	44.2	42.0	45.8	4.0%	-1.1%	4.0%	-4.6%
1.3	NORTH OF CHUGHOLE LANE - SOUTH OF MOLINA DRIVE	40	38.3	43.1	37.0	40.2	4.3%	-7.9%	7.5%	-0.5%
1.4	NORTH OF MOLINA DRIVE - SOUTH OF PERALTA BLVD	40	34.7	38.7	34.9	38.3	13.2%	3.3%	12.8%	4.2%
1.5	NORTH OF PERALTA BLVD - SOUTH OF BOSQUE FARMS LOOP (S.)	40	43.0	33.8	41.5	41.2	-7.6%	15.4%	-3.8%	-3.1%
1.6	NORTH OF BOSQUE FARMS LOOP (S.) - SOUTH OF MITCHELL RD	45	38.1	41.6	43.3	43.9	15.3%	7.5%	3.7%	2.4%
1.7	NORTH OF MITCHELL RD - SOUTH OF ESPERANZA RD	45	45.5	44.2	42.7	30.9	-1.2%	1.7%	5.1%	31.4%
1.8	NORTH OF ESPERANZA RD - SOUTH OF BOSQUE FARMS LOOP (N.)	45	41.5	37.3	37.4	37.9	7.9%	17.1%	16.9%	15.7%
1.9	NORTH OF BOSQUE FARMS LOOP (N.) - SOUTH OF SUNFLOWER RD	45	36.3	38.2	31.8	42.2	19.3%	15.1%	29.4%	6.3%
1.10	NORTH OF SUNFLOWER RD - SOUTH OF TRIBAL RD 7 (S.)	45	44.6	48.5	43.2	46.8	0.8%	-7.9%	4.1%	-4.0%
1.11	NORTH OF TRIBAL RD 7 (S.) - SOUTH OF CHICAL RD	50	42.2	31.5	39.5	43.5	15.5%	37.1%	21.1%	12.9%
1.12	NORTH OF CHICAL RD - SOUTH OF TRIBAL RD 7 (N.)	50	50.1	49.9	45.1	52.1	-0.1%	0.3%	9.8%	-4.3%
1.13	NORTH OF SUNFLOWER RD - SOUTH OF TRIBAL RD 6	50	55.1	58.6	52.6	55.6	-10.2%	-17.1%	-5.1%	-11.2%
1.14	NORTH OF TRIBAL RD 6 - SOUTH OF INDIAN SERVICE RT 62	50	52.5	56.3	51.4	55.8	-5.0%	-12.7%	-2.7%	-11.6%
1.15	NORTH OF INDIAN SERVICE RT. 62 - BERN/VAL COUNTY LINE	50	50.0	46.1	47.4	54.3	0.1%	7.9%	5.3%	-8.7%
1.16	BERN/VAL COUNTY LINE - SOUTH OF N.M. 147	55	43.4	40.8	38.6	41.8	21.1%	25.8%	29.8%	23.9%
1.17	NORTH OF N.M. 147 - SOUTH OF BROADWAY	45/50	51.5	55.6	48.1	51.9	-6.6%	-15.1%	0.5%	-7.4%

Volume/Capacity Ratio

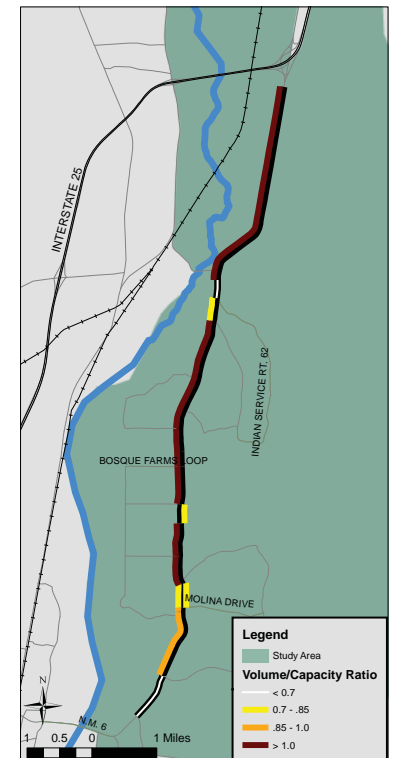
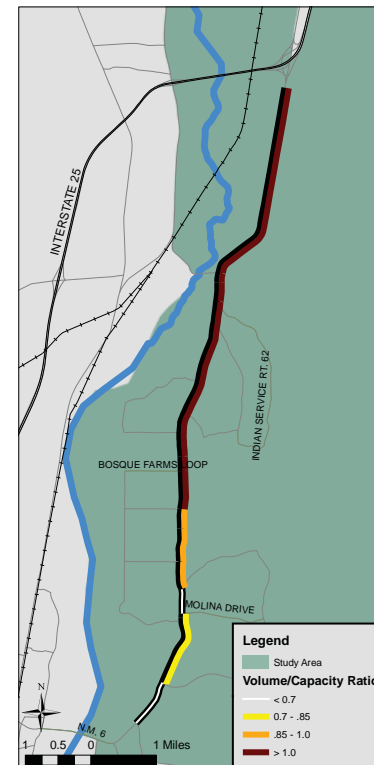
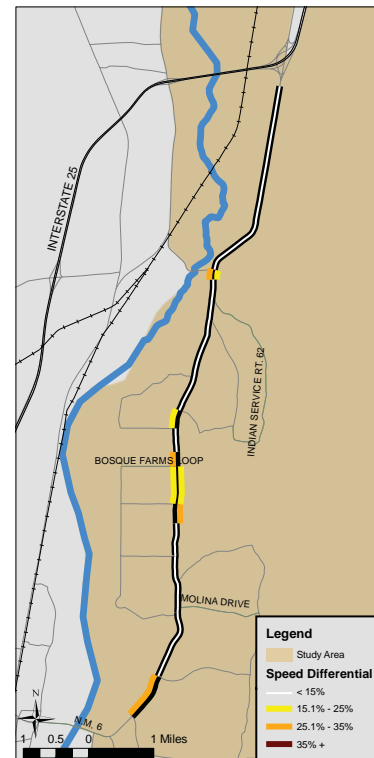
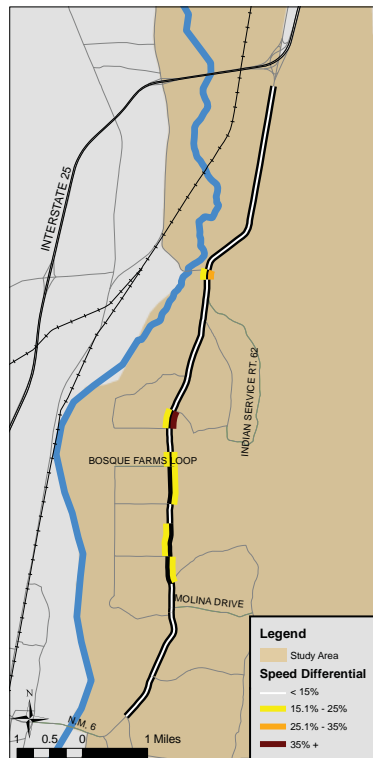
ID	Location	Ratio			
		AM-SB	AM-NB	PM-SB	PM-NB
1.1	N.E. OF N.M. 6 - S.W. OF VALENCIA RD	0.21	0.59	0.63	0.60
1.2	NORTH OF VALENCIA RD - SOUTH OF CHUGHOLE LANE	0.28	0.76	0.95	0.46
1.3	NORTH OF CHUGHOLE LANE - SOUTH OF MOLINA DRIVE	0.28	0.80	0.93	0.50
1.4	NORTH OF MOLINA DRIVE - SOUTH OF PERALTA BLVD	0.56	0.58	0.72	0.71
1.5	NORTH OF PERALTA BLVD - SOUTH OF BOSQUE FARMS LOOP (S.)	0.22	0.94	1.08	0.40
1.6	NORTH OF BOSQUE FARMS LOOP (S.) - SOUTH OF MITCHELL RD	0.20	0.99	1.10	0.39
1.7	NORTH OF MITCHELL RD - SOUTH OF ESPERANZA RD	0.18	0.97	0.70	0.76
1.8	NORTH OF ESPERANZA RD - SOUTH OF BOSQUE FARMS LOOP (N.)	0.16	1.03	1.06	0.37
1.9	NORTH OF BOSQUE FARMS LOOP (N.) - SOUTH OF SUNFLOWER RD	0.16	1.07	1.01	0.33
1.10	NORTH OF SUNFLOWER RD - SOUTH OF TRIBAL RD 7 (S.)	0.16	1.26	1.23	0.33
1.11	NORTH OF TRIBAL RD 7 (S.) - SOUTH OF CHICAL RD	0.13	1.09	1.07	0.34
1.12	NORTH OF CHICAL RD - SOUTH OF TRIBAL RD 7 (N.)	0.22	1.02	1.20	0.30
1.13	NORTH OF SUNFLOWER RD - SOUTH OF TRIBAL RD 6	0.21	1.10	1.22	0.31
1.14	NORTH OF TRIBAL RD 6 - SOUTH OF INDIAN SERVICE RT 62	0.11	1.07	0.84	0.31
1.15	NORTH OF INDIAN SERVICE RT. 62 - BERN/VAL COUNTY LINE	0.18	1.18	1.66	0.32
1.16	BERN/VAL COUNTY LINE - SOUTH OF N.M. 147	0.29	1.11	1.05	0.33
1.17	NORTH OF N.M. 147 - SOUTH OF BROADWAY	0.14	1.12	1.06	0.23

AM Speed Differential

PM Speed Differential

AM Volume/Capacity Ratio

PM Volume/Capacity Ratio



## Travel Time & Delay

PM Peak Travel Time (seconds)	N.M. 6	Valencia Rd.	Chughole Lane	Peralta Blvd.	Bosque Farms Loop	Esperanze Rd.	Sunflower Rd.	Chical Rd.	Tribal Rd. 6	County Line	Broadway
N.M. 6	X	75	159	200	237	314	388	439	536	578	808
Valencia Rd.	91	X	85	125	163	239	313	365	462	503	734
Chughole Lane	183	92	X	41	78	154	229	280	377	419	649
Peralta Blvd.	228	137	45	X	37	114	188	239	337	378	608
Bosque Farms Loop	265	174	82	37	X	76	151	202	299	341	571
Esperanze Rd.	332	241	149	104	67	X	74	126	223	264	495
Sunflower Rd.	414	323	230	186	149	81	X	52	149	190	420
Chical Rd.	470	379	287	242	205	138	56	X	97	139	369
Tribal Rd. 6	576	485	393	349	311	244	163	106	X	42	272
County Line	623	532	440	395	358	290	209	153	46	X	230
Broadway	871	780	688	643	606	539	458	401	295	248	X

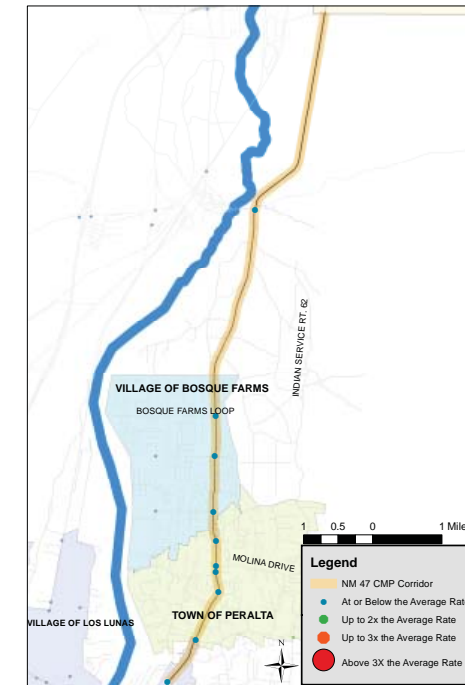
Distance (miles)	N.M. 6	Valencia Rd.	Chughole Lane	Peralta Blvd.	Bosque Farms Loop	Esperanze Rd.	Sunflower Rd.	Chical Rd.	Tribal Rd. 6	County Line	Broadway
N.M. 6	X	0.7	1.8	2.3	2.7	3.5	4.3	4.9	6.4	7.0	10.3
Valencia Rd.	0.7	X	1.1	1.5	1.9	2.7	3.6	4.2	5.7	6.3	9.6
Chughole Lane	1.8	1.1	X	0.4	0.9	1.7	2.5	3.1	4.6	5.2	8.5
Peralta Blvd.	2.3	1.5	0.4	X	0.4	1.2	2.0	2.7	4.1	4.8	8.1
Bosque Farms Loop	2.7	1.9	0.9	0.4	X	0.8	1.6	2.3	3.7	4.4	7.6
Esperanze Rd.	3.5	2.7	1.7	1.2	0.8	X	0.8	1.5	2.9	3.6	6.8
Sunflower Rd.	4.3	3.6	2.5	2.0	1.6	0.8	X	0.6	2.1	2.7	6.0
Chical Rd.	4.9	4.2	3.1	2.7	2.3	1.5	0.6	X	1.5	2.1	5.4
Tribal Rd. 6	6.4	5.7	4.6	4.1	3.7	2.9	2.1	1.5	X	0.6	3.9
County Line	7.0	6.3	5.2	4.8	4.4	3.6	2.7	2.1	0.6	X	3.3
Broadway	10.3	9.6	8.5	8.1	7.6	6.8	6.0	5.4	3.9	3.3	X

PM Peak Delay (seconds)	N.M. 6	Valencia Rd.	Chughole Lane	Peralta Blvd.	Bosque Farms Loop	Esperanze Rd.	Sunflower Rd.	Chical Rd.	Tribal Rd. 6	County Line	Broadway
N.M. 6	x	8	4	5	4	16	26	28	20	15	-2
Valencia Rd.	24	x	-4	-2	-4	8	18	20	12	8	-5
Chughole Lane	28	4	x	1	0	12	22	24	16	12	-1
Peralta Blvd.	33	9	5	x	-1	11	21	23	14	10	-3
Bosque Farms Loop	32	8	4	-1	x	12	22	24	16	11	-2
Esperanze Rd.	35	10	7	1	3	x	10	12	4	-1	-13
Sunflower Rd.	51	27	24	18	20	17	x	2	-6	-10	-23
Chical Rd.	58	34	31	25	27	24	7	x	-8	-12	-25
Tribal Rd. 6	60	36	32	26	28	25	8	1	x	-4	-17
County Line	60	36	32	27	28	26	9	2	0	x	-13
Broadway	65	41	38	32	34	31	14	7	6	5	x

PM Peak Delay (seconds/mile)	N.M. 6	Valencia Rd.	Chughole Lane	Peralta Blvd.	Bosque Farms Loop	Esperanze Rd.	Sunflower Rd.	Chical Rd.	Tribal Rd. 6	County Line	Broadway
N.M. 6	x	10.2	2.0	2.3	1.5	4.5	6.0	5.6	3.1	2.2	0.2
Valencia Rd.	32.3	x	-3.6	-1.6	-1.9	3.0	5.1	4.8	2.1	1.2	-0.5
Chughole Lane	15.2	3.4	x	3.3	0.3	7.3	8.9	7.7	3.5	2.2	-0.2
Peralta Blvd.	14.7	6.0	12.4	x	-2.7	8.7	10.1	8.4	3.5	2.1	-0.3
Bosque Farms Loop	11.8	3.9	4.6	-3.3	x	14.7	13.5	10.5	4.2	2.6	-0.2
Esperanze Rd.	9.9	3.8	4.1	1.2	3.5	x	12.3	8.1	1.3	-0.2	-2.0
Sunflower Rd.	12.0	7.7	9.6	9.0	12.3	21.0	x	3.0	-2.9	-3.8	-3.9
Chical Rd.	11.8	8.1	9.8	9.3	11.7	16.3	10.4	x	-5.5	-5.9	-4.7
Tribal Rd. 6	9.3	6.3	7.0	6.4	7.5	8.6	3.9	0.9	x	-6.7	-4.4
County Line	8.5	5.7	6.2	5.6	6.5	7.2	3.1	0.9	0.7	x	-3.9
Broadway	6.3	4.3	4.4	4.0	4.4	4.5	2.3	1.3	1.5	1.6	x

## Safety

### Intersections with Reported Crashes 2005-2009



All Crashes along the Corridor

Crash Type	2005	2006	2007	2008	2009
Fatal accident	1	0	2	2	0
Non-fatal accident injury	55	35	26	34	44
Property damage only	70	64	69	62	75
All Crashes	126	99	97	98	119

### Top Contributing Factors in Crashes Along N.M. 47

1. Driver inattention 23 %
2. Following too close 22 %
3. Failure to yield 13 %
4. Alcohol involved 8 %
5. Excessive speed 6 %