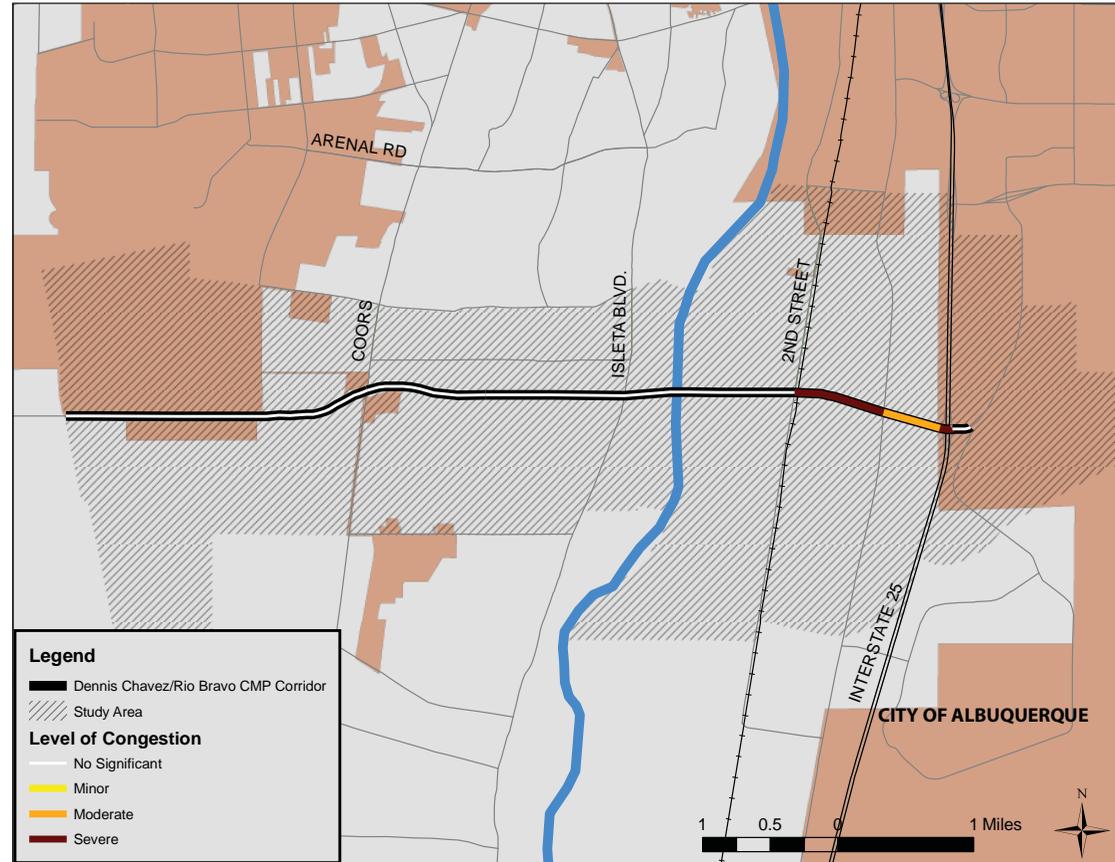


Rio Bravo Blvd / Dennis Chavez Blvd

#14



Corridor Notes

- The Rio Bravo/Dennis Chavez CMP corridor runs from 98th St. to University Blvd and is the southernmost river crossing in Bernalillo County.
- The extreme edges of the corridor are in the City of Albuquerque; the majority of the corridor is in the South Valley in unincorporated Bernalillo County.
- Rio Bravo Blvd becomes Dennis Chavez Blvd west of Coors.
- The most congested section is between 2nd St. and I-25. **Congestion** is associated with relatively high volumes and low speeds during the peak periods.
- The highest **volume** area is between Isleta Blvd and 2nd St (35,000 daily vehicles), and the lowest volume segment is east of I-25 (7,000 daily vehicles).
- The highest **speeds** along the corridor are found west of Isleta.
- Overall **crash rates** along the corridor are about 20% above the regional average. Intersections at Coors, 2nd St., and Isleta have crash rates more than twice the regional average.
- The study area is expected to double in population and employment by 2035. Even greater growth is expected to the south and west of the study area; these populations would likely use Rio Bravo for access to the rest of the metropolitan area.

Profile & Statistics

Corridor Profile			
Study Area	18.0 Sq. Miles		
Length & No. of Segments	4.5 Miles - 8 segments		
Functional Class	Principal Arterial: Paseo del Volcan to I-25 Minor Arterial: I-25 to University Blvd		
Access Control	Yes: 118th St. to I-25		
Lanes	2 lanes: Paseo del Volcan to Coors 4 lanes: Coors to University		
Intelligent Transportation Systems	Designated corridor: Yes ITS deployment: Yes - PF, CCTV		
Transit	ABQ Ride : Route 222 (linked to Rail Runner), Route 51 (local), Route 198 (commuter) Rail Runner : Rio Bravo/Sunport Station		
Bicycle Facilities	Route: Paseo del Volcan to Coors Wide shoulders along Rio Bravo		
Summary Data			
Daily Volume	7,000 - 35,000		
Average Speeds (PM East)	20 - 47 mph		
Average Speeds (PM West)	18 - 47 mph		
Total Delay (PM East)	107 seconds (24 sec./mile)		
Total Delay (PM West)	93 seconds (21 sec./mile)		
Demographic Trends			
Measure	2000	2008	2035
Population	13,107	20,273	40,727
Employment	6,623	7,607	13,156
Corridor Ranks			
Volume/Capacity Ratio	15 / 30		
Speed Differential	18 / 30		
Crash Rates	10 / 30		
Overall Rank	14 / 30		

Transit Characteristics

- ABQ Ride operates two routes along Rio Bravo. Route 222 provides connections to the Rail Runner and passes along Rio Bravo between Coors and University. Service coincides with train arrivals and departures but is unavailable during other times of the day. Route 222 averaged 167 riders per weekday in April 2011.
- Route 51, provides local service along Rio Bravo between Prince/2nd St. and Isleta. The route connects to Central Ave via Atrisco and carried 218 riders per weekday in April 2011.
- The Bernalillo County/Sunport Rail Runner station is located at Rio Bravo and 2nd St.

ID and Segment Names

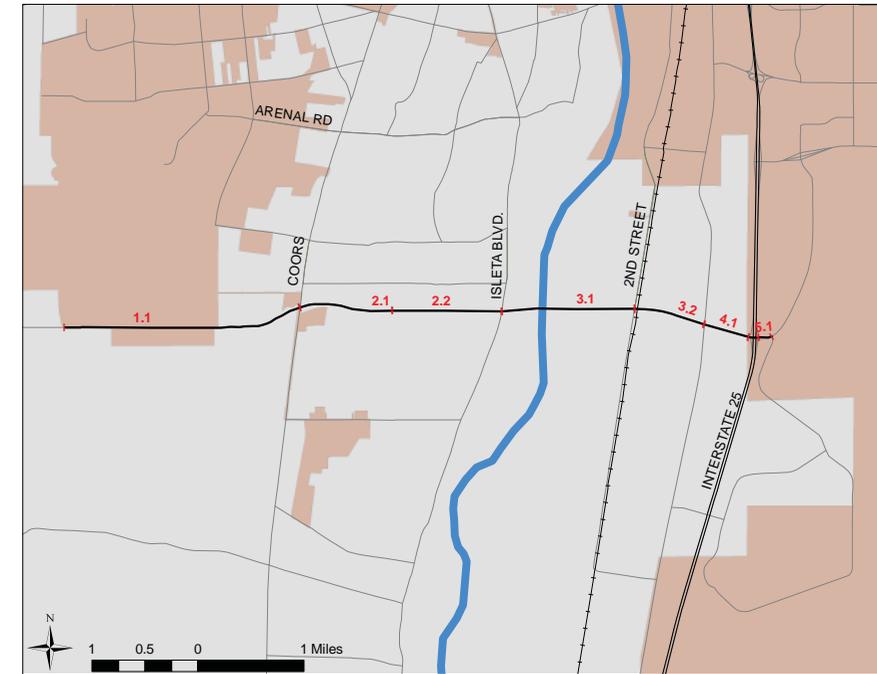
ID	Location	Length (Miles)	Posted Speed (MPH)	2010 Volume (AWDT)
1.1	EAST OF 118 TH ST. - WEST OF COORS	4.53	45	10,475
2.1	EAST OF COORS - WEST OF LA JUNTA	0.88	45	14,799
2.2	EAST OF LA JUNTA - WEST OF ISLETA BLVD.	1.03	45	20,935
3.1	EAST OF ISLETA BLVD. - WEST OF 2ND ST.	1.25	45	35,220
3.2	EAST OF 2ND ST. - WEST OF BROADWAY	0.68	45	28,125
4.1	EAST OF BROADWAY - WEST OF I-25 W. RAMPS	0.43	35	28,465
4.2	EAST OF I-25 W. RAMPS - WEST OF I-25 E. RAMPS	0.10	35	18,129
5.1	EAST OF I-25 E. RAMPS - WEST OF UNIVERSITY	0.14	30	7,428

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*	0	2	1	No	0	4	0	No	Intersection Turn Bay
2.1*	3	3	0	No	3	1	1	No	Median Turn Bay
2.2*	5	2	1	No	4	2	2	No	Median Turn Bay
3.1*	3	1	1	No	4	1	2	No	Median Turn Bay
3.2*	2	2	1	No	1	2	2	No	Median Turn Bay
4.1*	0	1	1	No	0	1	1	No	Median Turn Bay
4.2*	0	0	0	No	0	0	0	No	No
5.1	0	1	1	No	0	1	1	No	No
Total	13	12	6		12	12	9		

*Indicates access-controlled segment

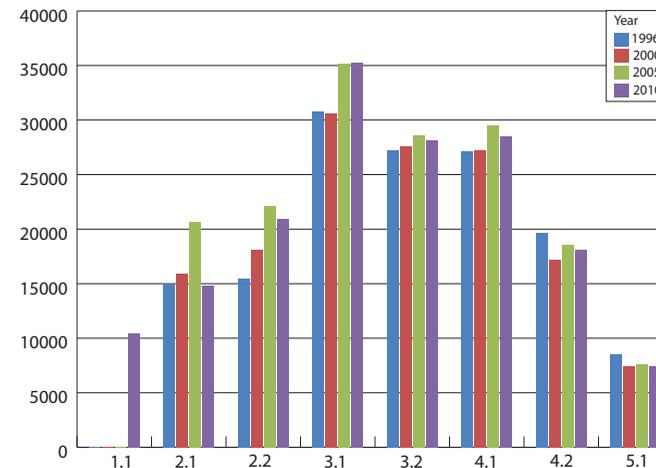
ID Location



Access Notes

- Rio Bravo Blvd is an **access-controlled facility** between 118th St. and I-25.
- There are center-turn facilities, mostly median turn bays, along the CMP corridor west of I-25.
- There are 19 **signalized intersections** along the CMP corridor; an average of one signal **every 0.48 miles**.

Average Weekday Daily Traffic



Volume Notes

- The heaviest volumes along Rio Bravo Blvd occur between Isleta Blvd and 2nd St (35,000 AWDT in 2010).
- Overall average volumes increased by 17% between 2000 and 2008. During that same period, the population in the study area increased by 55%.
- The highest volume increase (16%) from 2000 to 2010 occurred between La Junta Rd and Isleta Blvd.

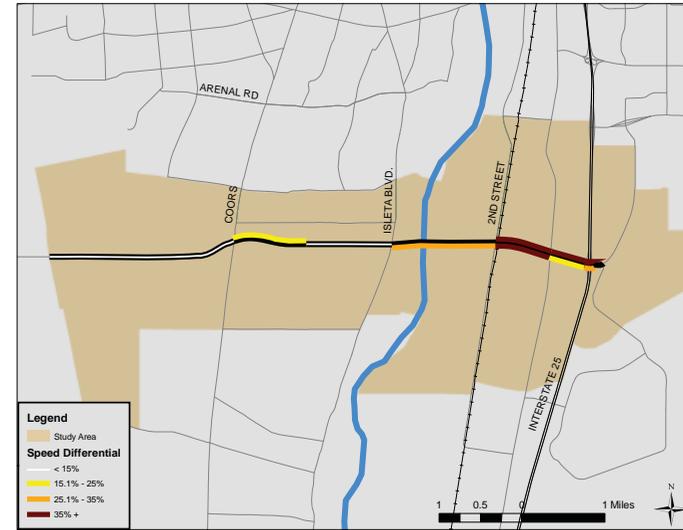
Rio Bravo Blvd / Dennis Chavez Blvd

Speed Differential & Volume/Capacity

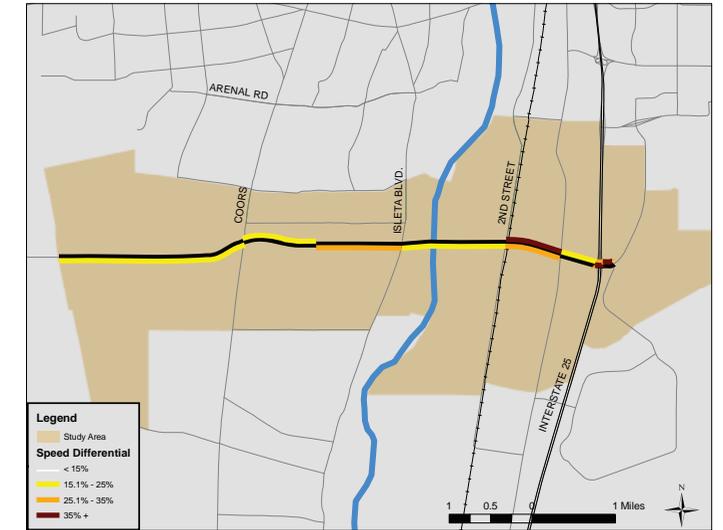
Speed Differential (Observed Speed vs. Posted Speed)

ID	Location	Posted Speed	Speed (MPH)				Speed Differential			
			AM-WB	AM-EB	PM-WB	PM-EB	AM-WB	AM-EB	PM-WB	PM-EB
1.1	EAST OF 118 TH ST. - WEST OF COORS	45	48.5	39.1	63.0	37.2	-7.7%	13.2%	-39.9%	17.2%
2.1	EAST OF COORS - WEST OF LA JUNTA	45	35.3	45.8	37.9	46.8	21.5%	-1.7%	15.7%	-4.0%
2.2	EAST OF LA JUNTA - WEST OF ISLETA BLVD.	45	45.0	38.8	47.0	33.4	0.0%	13.7%	-4.4%	25.7%
3.1	EAST OF ISLETA BLVD. - WEST OF 2ND ST.	45	42.6	31.4	42.2	37.7	5.3%	30.2%	6.1%	16.3%
3.2	EAST OF 2ND ST. - WEST OF BROADWAY	45	24.8	23.6	22.7	30.5	45.0%	47.6%	49.5%	32.2%
4.1	EAST OF BROADWAY - WEST OF I-25 W. RAMPS	35	16.6	29.5	28.8	38.1	52.6%	15.8%	17.8%	-8.8%
4.2	EAST OF I-25 W. RAMPS - WEST OF I-25 E. RAMPS	35	11.6	25.6	24.5	20.2	66.7%	26.9%	30.0%	42.2%
5.1	EAST OF I-25 E. RAMPS - WEST OF UNIVERSITY	30	40.5	47.1	18.4	44.0	-35.1%	-57.0%	38.7%	-46.5%

AM Speed Differential



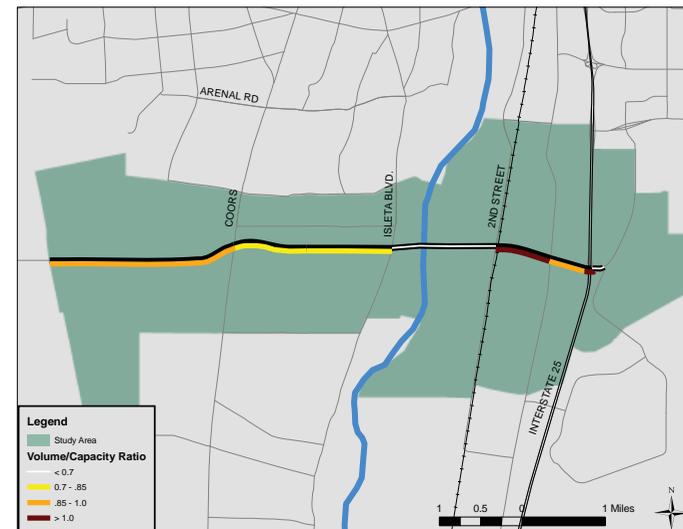
PM Speed Differential



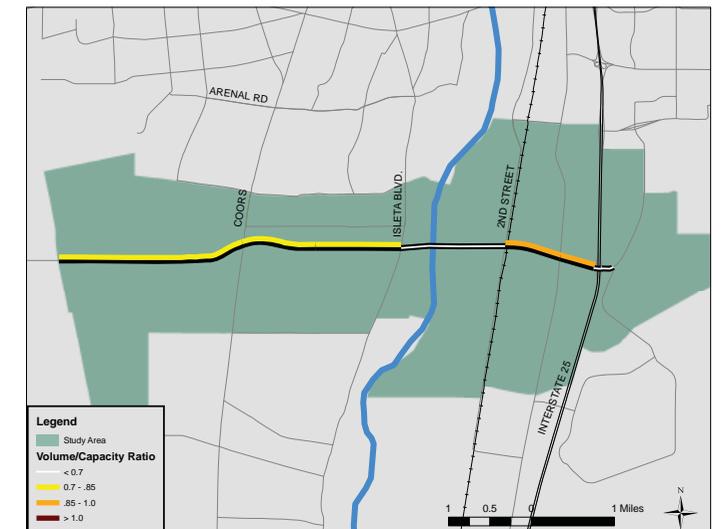
Volume/Capacity Ratio

ID	Location	Ratio			
		AM-WB	AM-EB	PM-WB	PM-EB
1.1	EAST OF 118 TH ST. - WEST OF COORS	0.35	0.98	0.80	0.43
2.1	EAST OF COORS - WEST OF LA JUNTA	0.32	0.74	0.80	0.41
2.2	EAST OF LA JUNTA - WEST OF ISLETA BLVD.	0.27	0.84	0.77	0.41
3.1	EAST OF ISLETA BLVD. - WEST OF 2ND ST.	0.36	0.95	0.86	0.50
3.2	EAST OF 2ND ST. - WEST OF BROADWAY	0.45	1.07	0.95	0.60
4.1	EAST OF BROADWAY - WEST OF I-25 W. RAMPS	0.50	0.96	0.92	0.61
4.2	EAST OF I-25 W. RAMPS - WEST OF I-25 E. RAMPS	0.09	1.01	0.28	0.65
5.1	EAST OF I-25 E. RAMPS - WEST OF UNIVERSITY	0.13	0.59	0.31	0.14

AM Volume/Capacity Ratio



PM Volume/Capacity Ratio



Travel Time & Delay

PM Peak Travel Time (seconds)	118th	Coors	La Junta	Isleta	2nd St.	Broadway	I-25 West Ramps	I-25 East Ramps	University
118th	X	219	287	398	518	598	638	655	667
Coors	129	X	68	179	299	379	420	437	448
La Junta	213	84	X	111	231	311	352	369	380
Isleta	292	163	79	X	120	200	241	258	269
2nd St.	399	270	186	107	X	80	121	138	149
Broadway	507	377	293	214	107	X	41	58	69
I-25 West Ramps	561	431	347	268	226	54	X	17	28
I-25 East Ramps	575	445	361	282	176	68	14	X	11
University	601	472	388	309	202	95	41	27	X

PM Peak Delay (seconds)	118th	Coors	La Junta	Isleta	2nd St.	Broadway	I-25 West Ramps	I-25 East Ramps	University
118th	X	38	35	63	83	109	105	112	107
Coors	-52	X	-3	26	45	71	67	75	69
La Junta	-39	13	X	29	48	74	70	77	72
Isleta	-42	10	-3	X	20	45	42	49	44
2nd St.	-35	16	3	7	X	26	22	29	24
Broadway	18	69	56	60	53	X	-4	4	-2
I-25 West Ramps	27	79	66	69	63	10	X	7	2
I-25 East Ramps	32	83	70	74	67	14	4	X	-5
University	42	94	80	84	77	24	14	10	X

Distance (miles)	118th	Coors	La Junta	Isleta	2nd St.	Broadway	I-25 West Ramps	I-25 East Ramps	University
118th	X	2.3	3.1	4.2	5.4	6.1	6.5	6.6	6.8
Coors	2.3	X	0.6	1.5	1.8	2.0	2.5	3.3	3.6
La Junta	3.1	0.9	X	0.9	1.2	1.4	1.8	2.7	3.0
Isleta	4.2	1.9	1.0	X	0.3	0.5	0.9	1.8	2.1
2nd St.	5.4	3.2	2.3	1.3	X	0.2	0.6	1.5	1.8
Broadway	6.1	3.8	3.0	1.9	0.7	X	0.4	1.3	1.6
I-25 West Ramps	6.5	4.3	3.4	2.4	1.1	0.4	X	0.9	1.2
I-25 East Ramps	6.6	4.4	3.5	2.5	1.2	0.5	0.1	X	0.3
University	6.8	4.5	3.6	2.6	1.3	0.7	0.2	0.1	X

PM Peak Delay (seconds/mile)	118th	Coors	La Junta	Isleta	2nd St.	Broadway	I-25 West Ramps	I-25 East Ramps	University
118th	X	16.6	11.1	15.2	15.3	17.8	16.1	16.9	15.8
Coors	-22.8	X	-4.2	16.7	24.7	34.9	27.2	22.3	19.1
La Junta	-12.2	14.9	X	31.9	40.5	53.2	38.3	28.7	24.2
Isleta	-10.0	5.1	-3.4	X	66.6	91.9	44.4	27.1	20.9
2nd St.	-6.5	5.1	1.4	5.2	X	129.2	34.3	19.5	13.4
Broadway	2.9	18.1	19.0	30.9	78.5	X	-8.1	2.8	-1.0
I-25 West Ramps	4.2	18.5	19.4	29.3	56.6	22.2	X	8.4	1.8
I-25 East Ramps	4.8	19.0	20.1	29.9	55.6	26.2	44.0	X	-17.5
University	6.2	20.7	22.2	32.3	57.6	36.3	62.6	75.7	X

Safety

Intersections with Reported Crashes 2005-2009



All Crashes along the Corridor

Crash Type	2005	2006	2007	2008	2009
Fatal accident	1	2	0	0	0
Non-fatal accident injury	47	47	39	44	44
Property damage only	126	160	126	124	137
All Crashes	174	209	165	168	181

Top Contributing Factors in Crashes Along Rio Bravo / Dennis Chavez

1. Following too close 26 %
2. Driver inattention 22 %
3. Failure to yield 13 %
4. Red light running 6 %
5. Excessive speed 5 %