

### Corridor Notes

- The Irving CMP corridor runs east-west from Rainbow to Coors.
- Irving Blvd forms the border between part of the City of Albuquerque and unincorporated Bernalillo County, including the community of Paradise Hills.
- Predominant movement along Irving is eastbound in the AM and eastbound in the PM.
- **Congestion** is most severe east of Golf Course Rd where the volume-to-capacity ratio is high, and between Eagle Ranch and Coors where congestion is associated with slow speeds.
- The segment with the highest **volume** is between Eagle Ranch and Coors (19,000 daily users).
- Overall **crash rates** along Irving are below the regional average. The crash rate at the intersection of Irving and Coors is almost three times the regional average.
- Moderate **growth** is expected in population (34%) and employment (58%) by 2035. Even greater growth is projected in the area to the west of the Irving CMP corridor.

### Profile & Statistics

Corridor Profile			
Study Area	8.3 Sq. Miles		
Length & No. of Segments	4.9 Miles - 7 segments		
Functional Class	Collector: Rainbow to Golf Course Rd Minor Arterial: Golf Course Rd to Coors		
Access Control	None		
Lanes	2 - 4 lanes		
Intelligent Transportation Systems	Designated corridor: No ITS deployment: No		
Transit	No service		
Bicycle Facilities	Lane: Golf Course Rd to Eagle Ranch Trail: Rainbow to La Paz		
Summary Data			
Daily Volume	6,000 - 19,000		
Average Speeds (PM East)	18 - 38 mph		
Average Speeds (PM West)	25 - 38 mph		
Total Delay (PM East)	25 seconds (5 sec./mile)		
Total Delay (PM West)	69 seconds (14 sec./mile)		
Demographic Trends			
Measure	2000	2008	2035
Population	17,561	32,560	43,609
Employment	2,764	4,838	7,631
Corridor Ranks			
Volume/Capacity Ratio	13 / 30		
Speed Differential	21 / 30		
Crash Rates	12 / 30		
Overall Rank	17 / 30		

### Transit Characteristics

- There is no existing transit service along Irving, although several north-south ABQ Ride routes (92, 94, 157) intersect the corridor.

### ID and Segment Names

ID	Location	Length (Miles)	Posted Speed (MPH)	2010 Volume (AWDT)
1.1	EAST OF RAINBOW - WEST OF UNIVERSE	0.50	35	5,934
1.2	EAST OF UNIVERSE - WEST OF LAPAZ	0.65	35	8,315
1.3	EAST OF LA PAZ - WEST OF LYON	0.75	25	10,834
2.1	EAST OF LYON - WEST OF GOLF COURSE	1.38	35	9,897
2.2	EAST OF GOLF COURSE - WEST OF CARDINAL	0.45	40	14,486
2.3	EAST OF CARDINAL - WEST OF EAGLE RANCH RD.	0.98	40	15,315
2.4	EAST OF EAGLE RANCH RD - WEST OF COORS	0.19	40	18,927

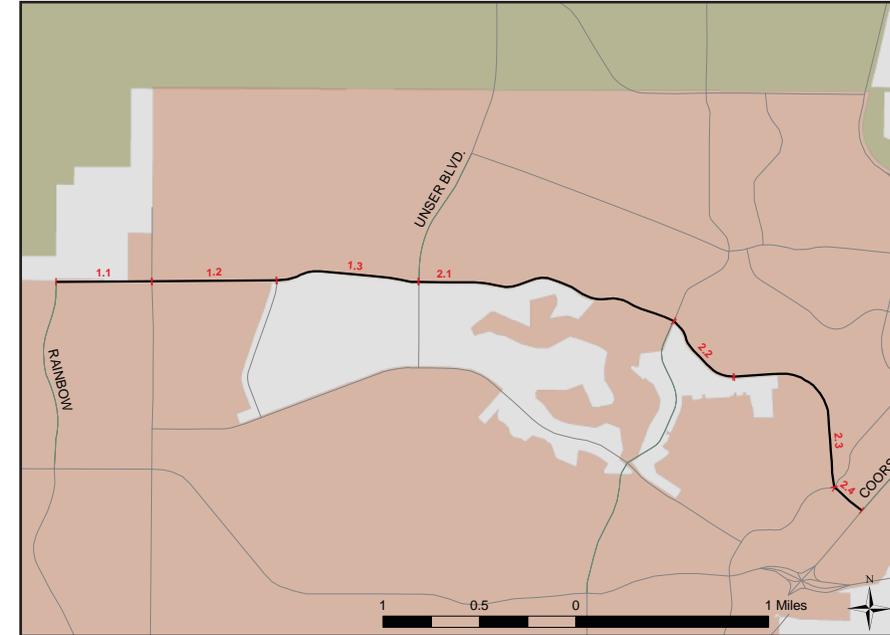
### Access Characteristics

ID	East-Bound				West-Bound				Center-Turn Lanes
	Driveways	Intersections	Right-Turn Lanes	On-Street Parking	Driveways	Intersections	Right-Turn Lanes	On-Street Parking	
1.1	0	3	1	No	0	2	0	No	No
1.2	2	3	0	No	0	2	1	No	MTB / Median Cut
1.3	29	8	0	No	48	0	1	No	Continuous
2.1	5	9	0	No	4	2	1	No	Median Turn Bay
2.2	0	2	0	No	0	4	2	No	Median Turn Bay
2.3	2	6	0	No	3	1	0	No	Median Turn Bay
2.4	2	0	1	No	2	0	0	No	Median Turn Bay
<b>Total</b>	<b>40</b>	<b>31</b>	<b>2</b>		<b>57</b>	<b>11</b>	<b>5</b>		

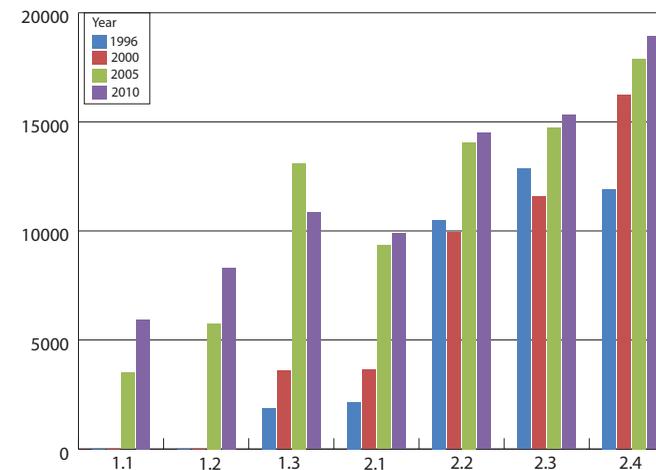
### Access Notes

- Irving Blvd has **no access control**.
- There are center-turn facilities across most of the corridor, including a continuous center-turn lane between La Paz and Lyon.
- There are 6 **signalized intersections** along the CMP corridor; an average of one signal **every 0.81 miles**.

### ID Location



### Average Weekday Daily Traffic



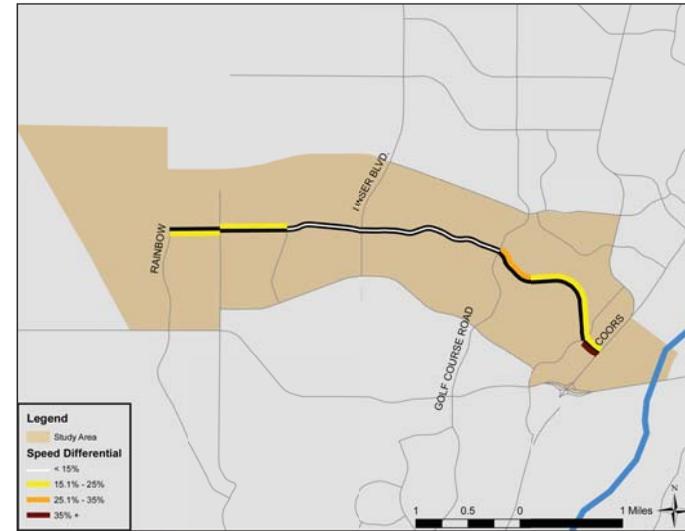
### Volume Notes

- The heaviest volumes along Irving Blvd occur between Eagle Ranch Rd and Coors Blvd (19,000 AWDT in 2010).
- Overall average volumes increased by 89% between 2000 and 2008. During that same period, the population in the study area increased by 85%.
- The highest volume increase (202%) from 2000 to 2010 occurred between La Paz Rd and Lyon Blvd.

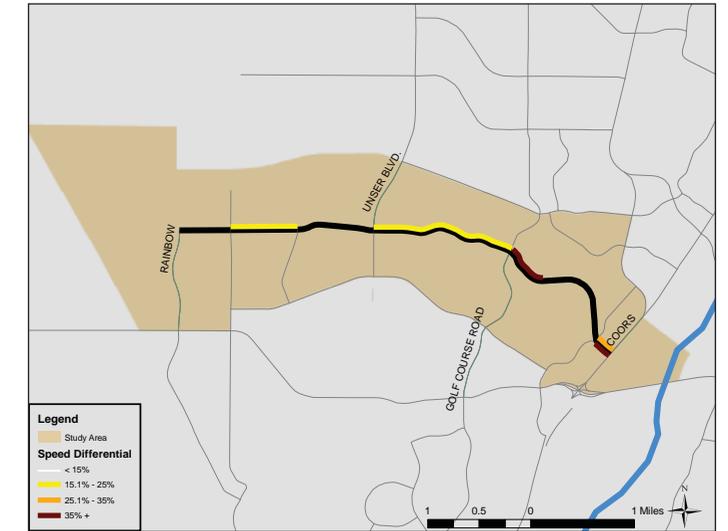
### Speed Differential (Observed Speed vs. Posted Speed)

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 RAINBOW - WEST OF UNIVERSE	35	34.3	29.7	35.1	32.7	2.0%	15.3%	-0.3%	6.5%
1.2	EAST OF UNIVERSE - WEST OF LAPAZ	35	29.6	30.3	27.2	31.6	15.3%	13.3%	22.3%	9.6%
1.3	EAST OF LA PAZ - WEST OF LYON	30	28.8	32.0	28.2	27.0	4.2%	-6.5%	6.1%	9.9%
2.1	EAST OF LYON - WEST OF GOLF COURSE	35	30.9	31.0	29.6	36.2	11.9%	11.4%	15.5%	-3.3%
2.2	EAST OF GOLF COURSE - WEST OF CARDINAL	40	26.7	38.2	24.8	38.3	33.2%	4.5%	38.0%	4.3%
2.3	EAST OF CARDINAL - WEST OF EAGLE RANCH RD.	40	32.0	40.9	38.0	38.0	20.0%	-2.3%	5.1%	5.0%
2.4	EAST OF EAGLE RANCH RD - WEST OF COORS	40	32.3	12.5	28.4	18.0	19.2%	68.9%	29.0%	54.9%

### AM Speed Differential



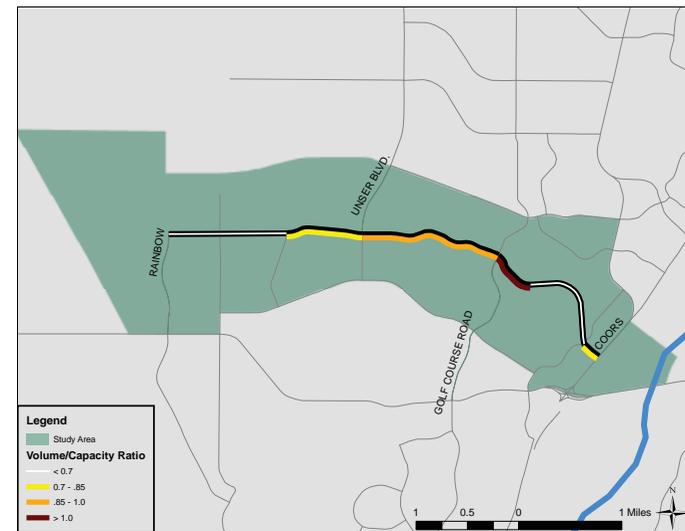
### PM Speed Differential



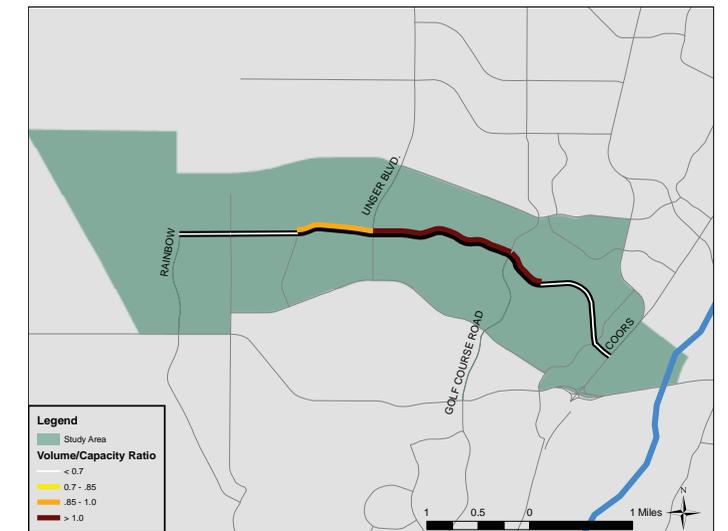
### Volume/Capacity Ratio

ID	Location	Ratio			
		AM-WB	AM-EB	PM-WB	PM-EB
1.1	EAST OF RAINBOW - WEST OF UNIVERSE	0.26	0.58	0.56	0.42
1.2	EAST OF UNIVERSE - WEST OF LAPAZ	0.31	0.57	0.57	0.49
1.3	EAST OF LA PAZ - WEST OF LYON	0.43	0.73	0.90	0.65
2.1	EAST OF LYON - WEST OF GOLF COURSE	0.21	0.92	1.08	0.36
2.2	EAST OF GOLF COURSE - WEST OF CARDINAL	0.26	1.45	1.43	0.56
2.3	EAST OF CARDINAL - WEST OF EAGLE RANCH RD.	0.46	0.42	0.52	0.51
2.4	EAST OF EAGLE RANCH RD - WEST OF COORS	0.20	0.76	0.70	0.54

### AM Volume/Capacity Ratio



### PM Volume/Capacity Ratio



### Travel Time & Delay

PM Peak Travel Time (seconds)	Rainbow	Universe	La Paz	Lyon	Golf Course	Cardinal	Eagle Ranch	Coors
Rainbow	x	55	128	228	365	407	500	538
Universe	51	x	74	173	311	353	446	483
La Paz	137	86	x	100	237	279	372	409
Lyon	232	181	96	x	137	179	272	310
Golf Course	400	349	264	168	x	42	135	172
Cardinal	465	414	328	233	65	x	93	131
Eagle Ranch	558	507	422	326	188	93	x	37
Coors	582	531	445	350	182	117	24	x

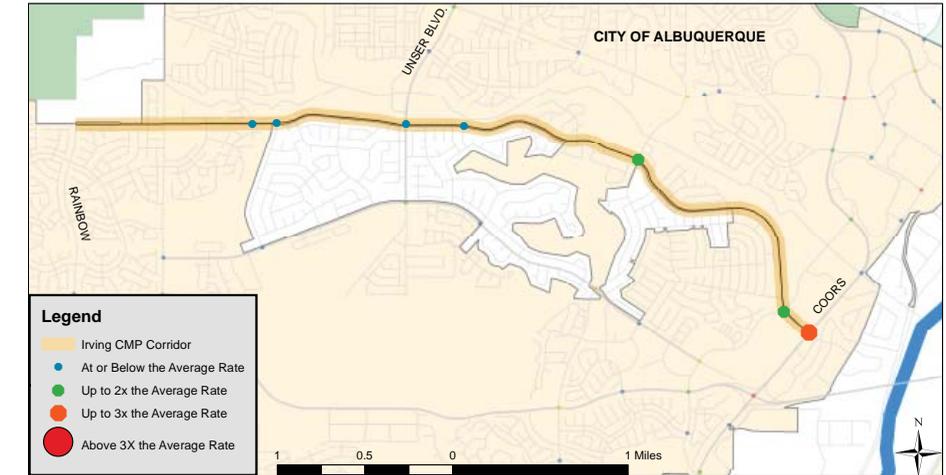
Distance (miles)	Rainbow	Universe	La Paz	Lyon	Golf Course	Cardinal	Eagle Ranch	Coors
Rainbow	x	0.5	1.1	1.9	3.3	3.7	4.7	4.9
Universe	0.5	x	0.6	1.4	2.8	3.2	4.2	4.4
La Paz	1.1	0.6	x	0.7	2.1	2.6	3.6	3.7
Lyon	1.9	1.4	0.7	x	1.4	1.8	2.8	3.0
Golf Course	3.3	2.8	2.1	1.4	x	0.4	1.4	1.6
Cardinal	3.7	3.2	2.6	1.8	0.4	x	1.0	1.2
Eagle Ranch	4.7	4.2	3.6	2.8	1.4	1.0	x	0.2
Coors	4.9	4.4	3.7	3.0	1.6	1.2	0.2	x

PM Peak Delay (seconds)	Rainbow	Universe	La Paz	Lyon	Golf Course	Cardinal	Eagle Ranch	Coors
Rainbow	x	4	11	3	-2	0	4	25
Universe	0	x	7	-1	-6	-4	1	21
La Paz	19	19	x	-8	-13	-11	-6	14
Lyon	7	7	-12	x	-5	-3	2	22
Golf Course	33	33	14	26	x	2	6	27
Cardinal	57	58	38	51	25	x	5	25
Eagle Ranch	62	62	43	55	29	5	x	21
Coors	69	69	50	62	36	12	7	x

PM Peak Delay (seconds/mile)	Rainbow	Universe	La Paz	Lyon	Golf Course	Cardinal	Eagle Ranch	Coors
Rainbow	x	7.1	9.3	1.3	-0.6	-0.1	0.9	5.1
Universe	-0.3	x	10.9	-0.7	-2.0	-1.2	0.2	4.9
La Paz	16.6	29.5	x	-10.8	-5.9	-4.2	-1.7	3.8
Lyon	3.6	5.0	-16.2	x	-3.3	-1.5	0.7	7.5
Golf Course	10.0	11.9	6.5	18.8	x	4.0	4.5	16.7
Cardinal	15.5	18	15.0	27.7	55.2	x	4.7	21.5
Eagle Ranch	13.2	14.8	12.1	19.7	20.5	4.8	x	109.6
Coors	14.1	15.8	13.4	20.8	22.4	9.9	36.8	x

### Safety

Intersections with Reported Crashes 2005-2009



All Crashes along the Corridor

Crash Type	2005	2006	2007	2008	2009
Fatal accident	0	0	0	0	0
Non-fatal accident injury	39	53	41	28	12
Property damage only	104	107	100	65	29
<b>All Crashes</b>	<b>143</b>	<b>160</b>	<b>141</b>	<b>93</b>	<b>41</b>

#### Top Contributing Factors in Crashes Along Irving

1. Driver inattention 33 %
2. Following too close 27 %
3. Failure to yield 10 %
4. Excessive speed 4 %
5. Red light running 3 %