

Queues
5: Cesar Chavez & University

UNM Gibson Commercial District
 2015 AM Peak Hour - Build - With Left Out at Gibson - Improved



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	491	667	70	455	63	250	53	73	259	83
v/c Ratio	0.70	0.24	0.16	0.34	0.27	0.49	0.11	0.32	0.45	0.11
Control Delay	6.4	2.4	9.1	18.3	24.2	32.6	6.2	25.3	30.7	2.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	6.4	2.4	9.1	18.3	24.2	32.6	6.2	25.3	30.7	2.5
Queue Length 50th (ft)	19	34	11	69	23	57	0	27	59	0
Queue Length 95th (ft)	16	0	26	135	49	87	22	55	90	16
Internal Link Dist (ft)		1748		2856		2185			1002	
Turn Bay Length (ft)	250		250		250		250	250		250
Base Capacity (vph)	800	2757	433	1352	236	755	486	230	768	879
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.61	0.24	0.16	0.34	0.27	0.33	0.11	0.32	0.34	0.09

Intersection Summary

Queues
6: Cesar Chavez & Langham

UNM Gibson Commercial District
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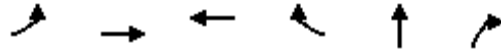
Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	474	1469	5	543	48	17	1	90
v/c Ratio	0.75	0.49	0.02	0.31	0.12	0.04	0.00	0.11
Control Delay	16.5	8.1	6.2	13.2	19.1	11.6	17.0	0.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	16.5	8.1	6.2	13.2	19.1	11.6	17.0	0.3
Queue Length 50th (ft)	137	134	1	69	15	0	0	0
Queue Length 95th (ft)	191	186	m2	46	36	15	3	0
Internal Link Dist (ft)		529		1748		3744		1165
Turn Bay Length (ft)	250		250					
Base Capacity (vph)	733	2997	222	1732	400	422	391	833
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.65	0.49	0.02	0.31	0.12	0.04	0.00	0.11

Intersection Summary

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

Queues
7: Cesar Chavez & I-25 NB

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Lane Group	EBL	EBT	WBT	WBR	NBT	NBR
Lane Group Flow (vph)	892	1765	409	300	53	203
v/c Ratio	0.83	0.59	0.31	0.19	0.28	0.13
Control Delay	15.8	4.8	30.3	1.2	66.0	0.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	15.8	4.8	30.3	1.2	66.0	0.2
Queue Length 50th (ft)	342	232	132	4	49	0
Queue Length 95th (ft)	455	268	197	11	95	0
Internal Link Dist (ft)		1757	529		596	
Turn Bay Length (ft)	100					250
Base Capacity (vph)	1250	2973	1317	1568	189	1583
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	0.71	0.59	0.31	0.19	0.28	0.13

Intersection Summary