

Queues
5: Cesar Chavez & University

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



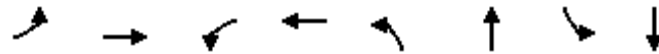
Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	425	680	114	690	175	357	81	152	424	376
v/c Ratio	0.82	0.31	0.35	0.67	0.62	0.53	0.16	0.49	0.63	0.54
Control Delay	29.1	2.1	14.6	25.8	28.0	28.1	3.7	22.6	30.3	9.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	29.1	2.1	14.6	25.8	28.0	28.1	3.7	22.6	30.3	9.0
Queue Length 50th (ft)	124	10	22	131	55	73	0	47	88	47
Queue Length 95th (ft)	#266	0	48	#218	95	107	18	83	126	80
Internal Link Dist (ft)	1748		2856		2185		1002			
Turn Bay Length (ft)	250		250		250		250	250		250
Base Capacity (vph)	537	2209	331	1023	281	809	496	309	809	706
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	0.79	0.31	0.34	0.67	0.62	0.44	0.16	0.49	0.52	0.53

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

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)	151	1380	5	1479	160	40	7	241
v/c Ratio	0.50	0.53	0.02	0.73	0.50	0.07	0.02	0.45
Control Delay	20.4	9.6	9.8	15.5	24.1	7.9	15.5	7.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	20.4	9.6	9.8	15.5	24.1	7.9	15.5	7.0
Queue Length 50th (ft)	21	73	1	139	49	0	2	3
Queue Length 95th (ft)	65	187	m2	158	86	20	9	47
Internal Link Dist (ft)		524		1748		3744		1165
Turn Bay Length (ft)	250		250					
Base Capacity (vph)	307	2608	224	2034	317	539	416	540
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	0.49	0.53	0.02	0.73	0.50	0.07	0.02	0.45

Intersection Summary

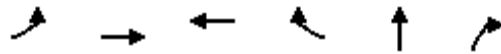
m Volume for 95th percentile queue is metered by upstream signal.

Queues

7: Cesar Chavez & I-25 NB

UNM Gibson Commercial District

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Lane Group	EBL	EBT	WBT	WBR	NBT	NBR
Lane Group Flow (vph)	513	754	768	709	116	87
v/c Ratio	0.86	0.33	0.65	0.45	0.29	0.06
Control Delay	27.8	5.7	10.5	2.9	24.7	0.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	27.8	5.7	10.5	2.9	24.7	0.1
Queue Length 50th (ft)	134	63	73	42	41	0
Queue Length 95th (ft)	#283	87	151	110	83	0
Internal Link Dist (ft)		1762	524		542	
Turn Bay Length (ft)	100					250
Base Capacity (vph)	667	2303	1181	1583	399	1553
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	0.77	0.33	0.65	0.45	0.29	0.06

Intersection Summary

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