



Liberty Street and N. Fourth Street  
Intersection Design Study:  
April 24-28, 2017

Traffic  
Engineering  
City of Aurora  
Aurora, Illinois

<b>Liberty ADT = about</b>	<b>840</b>
<b>Fourth ADT = about</b>	<b>440</b>

Intersection Design Study:

Central S. Time		Military Hours		EB	WB	NB	SB
From:	To:	From:	To:				
Midnight	1:00am	0	100	5	6	2	4
1:00am	2:00am	100	200	3	4	2	2
2:00am	3:00am	200	300	1	2	1	1
3:00am	4:00am	300	400	2	2	2	1
4:00am	5:00am	400	500	4	6	3	2
5:00am	6:00am	500	600	11	12	7	7
6:00am	7:00am	600	700	11	10	5	8
7:00am	8:00am	700	800	31	24	21	13
8:00am	9:00am	800	900	21	20	11	10
9:00am	10:00am	900	1000	11	18	6	9
10:00am	11:00am	1000	1100	12	18	7	8
11:00am	Noon	1100	1200	18	18	9	10
Noon	1:00pm	1200	1300	16	19	7	10
1:00pm	2:00pm	1300	1400	22	20	9	9
2:00pm	3:00pm	1400	1500	28	28	19	20
3:00pm	4:00pm	1500	1600	28	50	13	28
4:00pm	5:00pm	1600	1700	30	40	13	19
5:00pm	6:00pm	1700	1800	33	35	21	10
6:00pm	7:00pm	1800	1900	30	44	14	15
7:00pm	8:00pm	1900	2000	19	29	11	19
8:00pm	9:00pm	2000	2100	19	22	6	11
9:00pm	10:00pm	2100	2200	16	19	12	9
10:00pm	11:00pm	2200	2300	9	9	8	5
11:00pm	Midnight	2300	2400	4	4	5	3
				<b>381</b>	<b>456</b>	<b>209</b>	<b>227</b>
					<b>838</b>		<b>436</b>

Liberty	EB	WB	All
85th %	28	28	28
Mean	21	22	22
Median	21	23	22

Fourth	NB	SB	All
85th %	28	28	27
Mean	22	20	21
Median	22	20	21

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