

LANE LEVEL OF SERVICE

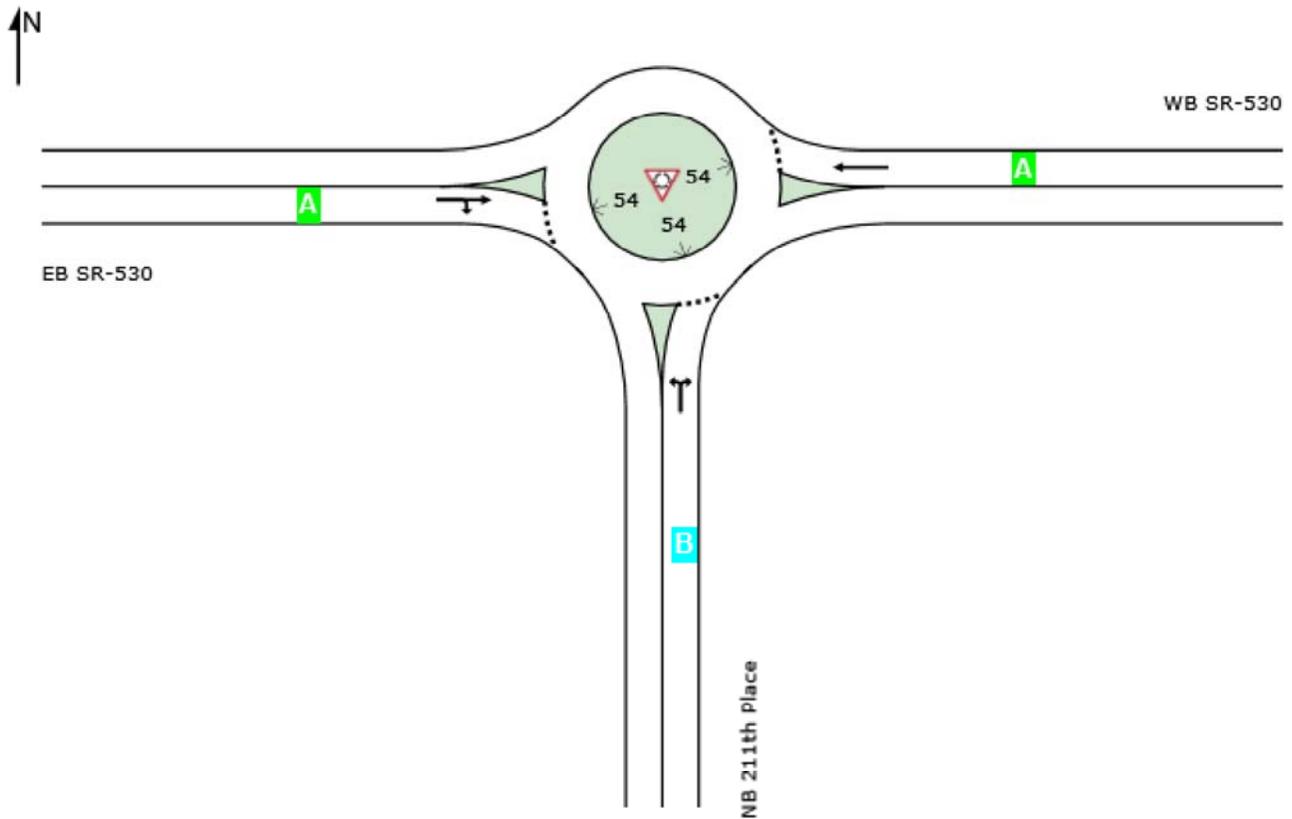
Lane Level of Service

 **Site: 1 [2019AM]**

NB: 211TH PL NE

Site Category: (None)
Roundabout

	Approaches			Intersection
	South	East	West	
LOS	B	A	A	A



Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
 Roundabout LOS Method: Same as Signalised Intersections.
 Lane LOS values are based on average delay per lane.
 Intersection and Approach LOS values are based on average delay for all lanes.
 SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

MOVEMENT SUMMARY

 Site: 1 [2019AM]

NB: 211TH PL NE

Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Total veh/h	Flows HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: NB 211th Place												
3	L2	131	3.0	0.159	11.5	LOS B	0.7	18.7	0.51	0.75	0.51	32.9
18	R2	1	3.0	0.159	7.1	LOS A	0.7	18.7	0.51	0.75	0.51	32.4
Approach		132	3.0	0.159	11.5	LOS B	0.7	18.7	0.51	0.75	0.51	32.9
East: WB SR-530												
6	T1	712	3.0	0.690	6.4	LOS A	6.9	177.6	0.63	0.59	0.63	34.7
Approach		712	3.0	0.690	6.4	LOS A	6.9	177.6	0.63	0.59	0.63	34.7
West: EB SR-530												
2	T1	428	3.0	0.587	4.7	LOS A	0.0	0.0	0.00	0.50	0.00	36.6
12	R2	276	3.0	0.587	4.5	LOS A	0.0	0.0	0.00	0.50	0.00	35.8
Approach		704	3.0	0.587	4.6	LOS A	0.0	0.0	0.00	0.50	0.00	36.3
All Vehicles		1548	3.0	0.690	6.0	LOS A	6.9	177.6	0.34	0.56	0.34	35.2

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Roundabout LOS Method: Same as Signalised Intersections.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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LANE LEVEL OF SERVICE

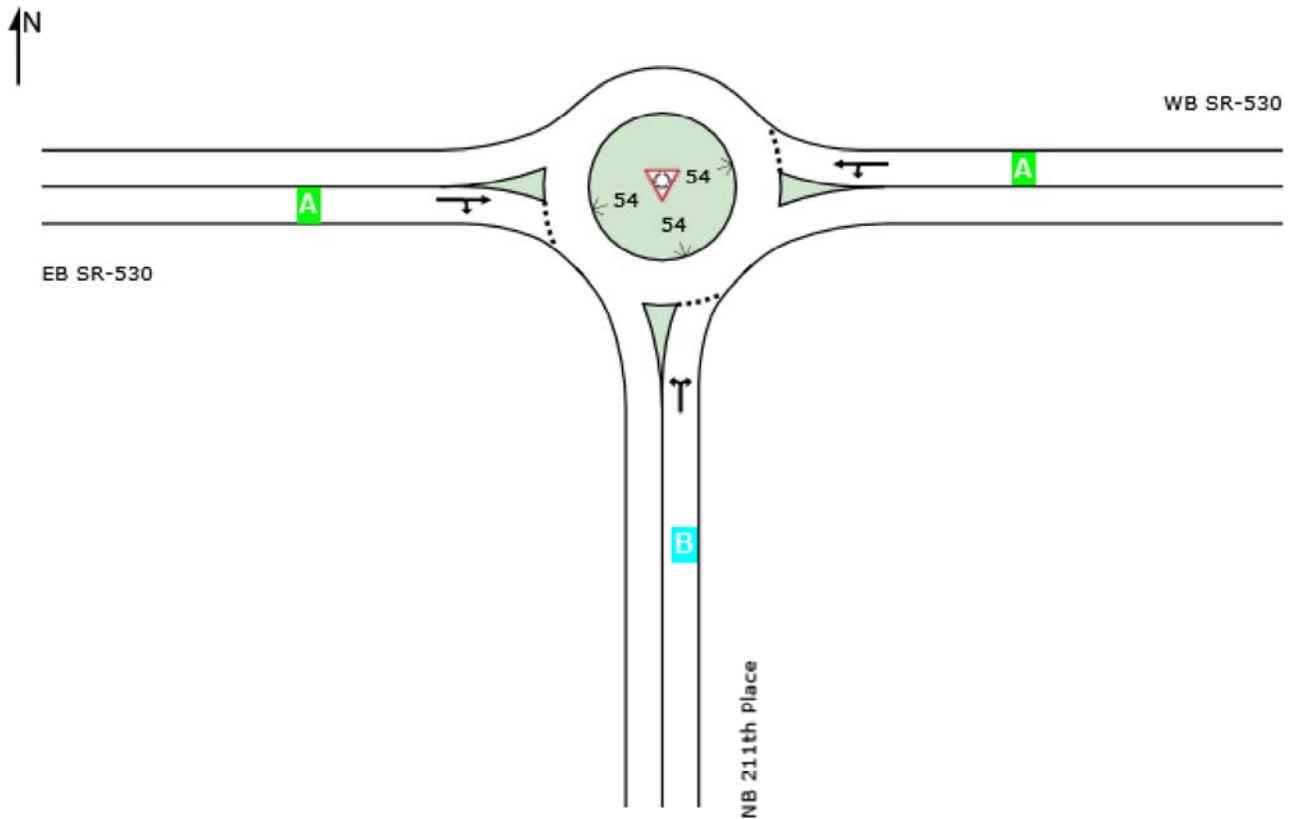
Lane Level of Service

 Site: 1 [2019PM]

NB: 211TH PL NE

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Roundabout

	Approaches			Intersection
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LOS	B	A	A	A



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Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Total veh/h	Flows HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: NB 211th Place												
3	L2	89	3.0	0.121	12.1	LOS B	0.6	14.2	0.54	0.76	0.54	32.7
18	R2	5	3.0	0.121	7.6	LOS A	0.6	14.2	0.54	0.76	0.54	32.2
Approach		94	3.0	0.121	11.8	LOS B	0.6	14.2	0.54	0.76	0.54	32.7
East: WB SR-530												
1	L2	1	3.0	0.502	9.8	LOS A	3.9	98.7	0.40	0.50	0.40	35.2
6	T1	537	3.0	0.502	5.6	LOS A	3.9	98.7	0.40	0.50	0.40	35.4
Approach		538	3.0	0.502	5.6	LOS A	3.9	98.7	0.40	0.50	0.40	35.4
West: EB SR-530												
2	T1	515	3.0	0.545	4.7	LOS A	4.7	120.9	0.03	0.47	0.03	36.5
12	R2	139	3.0	0.545	4.5	LOS A	4.7	120.9	0.03	0.47	0.03	35.7
Approach		654	3.0	0.545	4.7	LOS A	4.7	120.9	0.03	0.47	0.03	36.3
All Vehicles		1285	3.0	0.545	5.6	LOS A	4.7	120.9	0.22	0.50	0.22	35.6

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