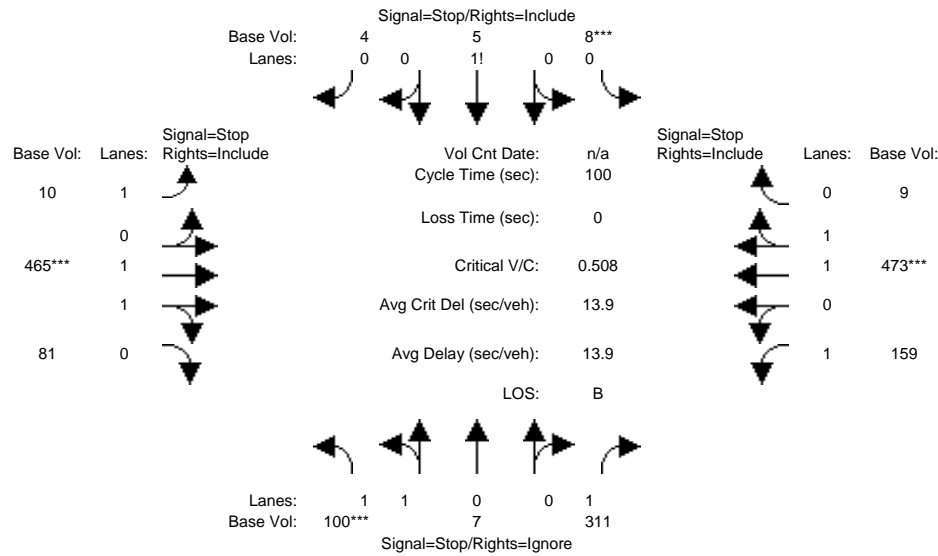


Level Of Service Computation Report
 2000 HCM 4-Way Stop (Base Volume Alternative)
 Existing Midday

Intersection #22: Oak Hill Road/Deer Hill Drive



Street Name:	Oak Hill Road						Deer Hill Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0

Volume Module:												
Base Vol:	100	7	311	8	5	4	10	465	81	159	473	9
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	103	7	320	8	5	4	10	479	83	164	487	9
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	103	7	0	8	5	4	10	479	83	164	487	9
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	103	7	0	8	5	4	10	479	83	164	487	9
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	103	7	0	8	5	4	10	479	83	164	487	9

Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.87	0.13	1.00	0.47	0.29	0.24	1.00	1.70	0.30	1.00	1.96	0.04
Final Sat.:	819	58	509	220	137	110	502	942	167	516	1097	21

Capacity Analysis Module:												
Vol/Sat:	0.13	0.13	0.00	0.04	0.04	0.04	0.02	0.51	0.50	0.32	0.44	0.44
Crit Moves:	****			****			****			****		
Delay/Veh:	11.4	11.4	0.0	10.5	10.5	10.5	9.8	15.2	14.8	12.5	13.7	13.7
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	11.4	11.4	0.0	10.5	10.5	10.5	9.8	15.2	14.8	12.5	13.7	13.7
LOS by Move:	B	B	*	B	B	B	A	C	B	B	B	B
ApproachDel:		11.4			10.5			15.0			13.4	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		11.4			10.5			15.0			13.4	
LOS by Appr:		B			B			C			B	
AllWayAvgQ:	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.4	0.7	0.7

Note: Queue reported is the number of cars per lane.

Peak Hour Volume Signal Warrant Report [Urban]

Intersection #22 Oak Hill Road/Deer Hill Drive

Base Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound	South Bound	East Bound	West Bound
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Movement:	L	T	R	L	T	R	L	T	R	L	T	R	
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign			
Lanes:	1	1	0	0	1	0	0	1	0	0	1	1	0
Initial Vol:	103	7	320	8	5	4	10	479	83	164	487	9	
Major Street Volume:	1233												
Minor Approach Volume:	431												
Minor Approach Volume Threshold:	284												

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.