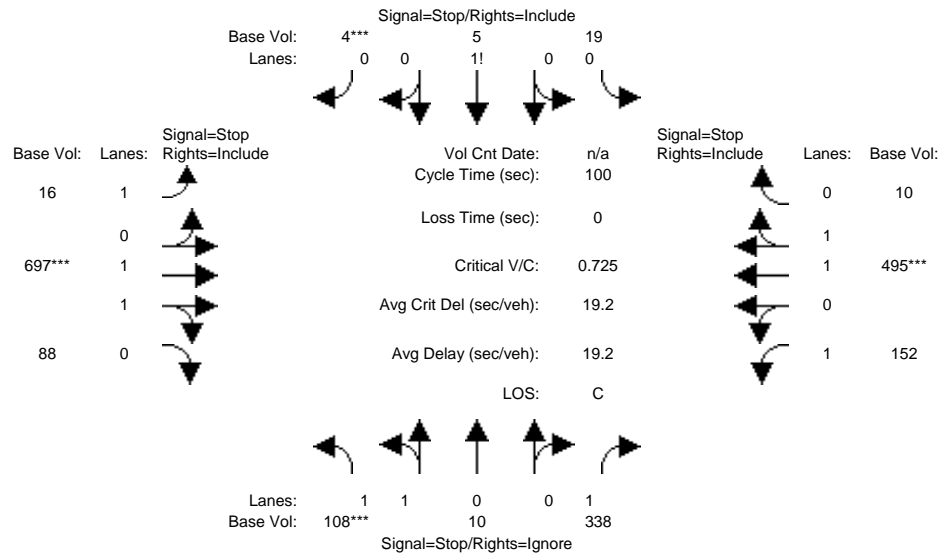


Level Of Service Computation Report
 2000 HCM 4-Way Stop (Base Volume Alternative)
 Existing PM

Intersection #22: Oak Hill Road/Deer Hill Drive



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

Volume Module:

	108	10	338	19	5	4	16	697	88	152	495	10
Base Vol:	108	10	338	19	5	4	16	697	88	152	495	10
Growth 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
Initial Bse:	108	10	338	19	5	4	16	697	88	152	495	10
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:	108	10	0	19	5	4	16	697	88	152	495	10
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	10	0	19	5	4	16	697	88	152	495	10
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:	108	10	0	19	5	4	16	697	88	152	495	10

Saturation Flow Module:

	1.83	0.17	1.00	0.68	0.18	0.14	1.00	1.78	0.22	1.00	1.96	0.04
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:	1.83	0.17	1.00	0.68	0.18	0.14	1.00	1.78	0.22	1.00	1.96	0.04
Final Sat.:	758	70	474	303	80	64	490	961	123	477	1009	20

Capacity Analysis Module:

	0.14	0.14	0.00	0.06	0.06	0.06	0.03	0.73	0.72	0.32	0.49	0.49
Vol/Sat:	0.14	0.14	0.00	0.06	0.06	0.06	0.03	0.73	0.72	0.32	0.49	0.49
Crit Moves:	****					****	****			****		
Delay/Veh:	12.1	12.1	0.0	11.2	11.2	11.2	10.1	24.2	23.4	13.4	15.7	15.7
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:	12.1	12.1	0.0	11.2	11.2	11.2	10.1	24.2	23.4	13.4	15.7	15.7
LOS by Move:	B	B	*	B	B	B	B	C	C	B	C	C
ApproachDel:		12.1			11.2			23.9			15.2	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		12.1			11.2			23.9			15.2	
LOS by Appr:		B			B			C			C	
AllWayAvgQ:	0.1	0.1	0.0	0.1	0.1	0.1	0.0	2.3	2.2	0.4	0.9	0.9

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	0
Initial Vol:	108	10	338	19	5	4	16	697	88	152	495	10
Major Street Volume:	1458											
Minor Approach Volume:	456											
Minor Approach Volume Threshold:	212											

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.