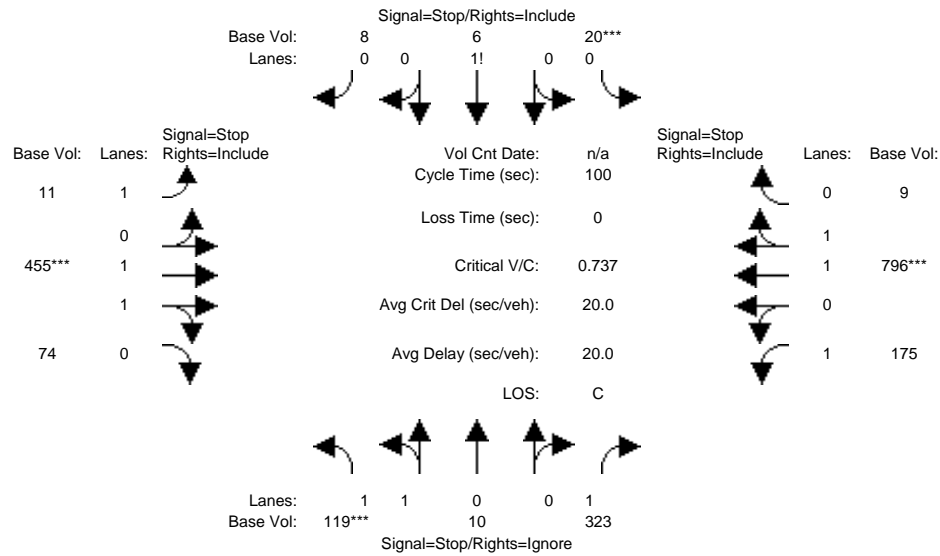


Level Of Service Computation Report  
 2000 HCM 4-Way Stop (Base Volume Alternative)  
 Existing AM

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:

	119	10	323	20	6	8	11	455	74	175	796	9
Base Vol:	119	10	323	20	6	8	11	455	74	175	796	9
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:	119	10	323	20	6	8	11	455	74	175	796	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:	119	10	0	20	6	8	11	455	74	175	796	9
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	119	10	0	20	6	8	11	455	74	175	796	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:	119	10	0	20	6	8	11	455	74	175	796	9

Saturation Flow Module:

	1.84	0.16	1.00	0.59	0.18	0.23	1.00	1.72	0.28	1.00	1.98	0.02
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:	1.84	0.16	1.00	0.59	0.18	0.23	1.00	1.72	0.28	1.00	1.98	0.02
Final Sat.:	754	64	467	264	79	105	451	850	140	502	1080	12

Capacity Analysis Module:

	0.16	0.16	0.00	0.08	0.08	0.08	0.02	0.54	0.53	0.35	0.74	0.74
Vol/Sat:	0.16	0.16	0.00	0.08	0.08	0.08	0.02	0.54	0.53	0.35	0.74	0.74
Crit Moves:	****			****			****			****		
Delay/Veh:	12.4	12.3	0.0	11.3	11.3	11.3	10.6	17.4	16.9	13.4	24.9	24.9
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:	12.4	12.3	0.0	11.3	11.3	11.3	10.6	17.4	16.9	13.4	24.9	24.9
LOS by Move:	B	B	*	B	B	B	B	C	C	B	C	C
ApproachDel:		12.4			11.3			17.2			22.9	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		12.4			11.3			17.2			22.9	
LOS by Appr:		B			B			C			C	
AllWayAvgQ:	0.2	0.2	0.0	0.1	0.1	0.1	0.0	1.1	1.0	0.5	2.4	2.4

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

Peak Hour Volume Signal Warrant Report [Urban]

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Intersection #22 Oak Hill Road/Deer Hill Drive

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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:	119	10	323	20	6	8	11	455	74	175	796	9
Major Street Volume:	1520											
Minor Approach Volume:	452											
Minor Approach Volume Threshold:	194											

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.