

MCCF Planning and Land Use Committee Analysis
 April 6, 2010

Failed Intersections in 2009 Highway Mobility Report
 (Volume to Capacity ratio greater than 1)

	<u>Data from:</u>	<u>AM</u>	<u>PM</u>	<u>CLV</u>	<u>Policy Area</u>
Bradley Blvd at Wilson Ln	3/12/09	1660	1603	1600	B-CC
Briggs Chaney Rd at Old Columbia Pk	11/14/06	1531	1209	1500	Fairland/WO
Colesville Rd at Dale Dr	2/26/09	1604	1645	1600	SS/TP
Colesville Rd at Sligo Cr Pkwy	3/6/08	1508	1624	1600	SS/TP
Colesville Rd at Univ Blvd (S)	1/22//09	1680	1535	1600	Ken/Wheaton
Columbia Pk at Blackburn Rd	12/6/06	1532	1501	1400	Patuxent
Columbia Pk at Fairland Rd.	9/6/07	1636	1604	1500	Fairland/WO
Columbia Pk at Greencastle Rd	11/15/06	1607	1575	1500	Fairland/WO
Columbia Pk at Lockwood Dr	4/2/09	1603	1487	1500	Fairland/WO
[Columbia Pk at Milestone/Stewart	8/30/07	830	1500	1500	Fairland/WO]
Columbia Pk at Southwood	3/5/08	1601	1521	1600	Ken/Wheaton
Conn Ave at East West Hwy	4/16/09	1693	1644	1600	B-CC
Conn Ave at Jones Bridge Rd	5/13/09	1769	1618	1600	B-CC
Conn Ave at Randolph Rd	1/8/08	1470	1804	1600	Ken/Wheaton
Conn Ave at Veirs Mill Rd	6/6/07	1607	1535	1600	Ken/Wheaton
Darnestown Rd at Riffle Ford Rd	3/12/09	1061	1898	1475	No.Potomac
Democracy Blvd at Falls Rd/S Glen Rd	4/1/09	1594	1167	1475	Potomac
E Gude Dr at Crabbs Branch/Cecil	3/24/09	1742	1211	1475	Derwood
E Gude Dr at Southlawn Ln	3/5/09	1692	1450	1500	Rockville City
Frederick Rd at Darnestown/Germantown	4/16/09	1247	1490	1450	Germantown E
Frederick Rd at Mont Village Ave	5/5/09	1697	1553	1450	Gaithersburg City
Georgia Ave at Bel Pre Rd	6/1/06	1530	1530	1500	Aspen Hill
Georgia at Columbia Blvd/Seminary Rd	1/8/09	1408	1613	1600	SS/TP
Georgia Ave at Conn Ave	5/31/06	1377	1539	1500	Aspen Hill
Georgia Ave at Emory Ln	10/23/07	1314	1738	1450	Olney
Georgia Ave at Forest Glen Rd	7/2/08	1318	1626	1600	Ken/Wheaton
Georgia Ave at New Hampshire Ave.	10/21/08	1441	1176	1400	Patuxent
Georgia Ave at Norbeck Rd	1/22/09	1816	1665	1500	Aspen Hill
Great Seneca Hwy at Kentlands Blvd	4/23/09	1498	1252	1450	Gaithersburg City
Great Seneca Hwy at Longdraft Rd	4/28/09	1295	1477	1475	No Potomac
Great Seneca Hwy at Muddy Branch Rd	5/12/09	1512	1647	1450	Gaithersburg City
Hungerford (MD355) at Manakee St	2/25/09	1533	1052	1500	Rockville City
Hungerford (MD355) at Gude Dr	5/6/09	1723	1569	1500	Rockville City
Key West Blvd at Broschart/Diamondback	10/3/07	1666	1261	1475	R&D Village
Key West Blvd at Shady Grove Rd	9/25/07	1391	1640	1500	Rockville City
Layhill Rd at Ednor Rd/Norwood Rd	10/17/06	1577	1230	1475	Olney
Laytonsville Rd at Brink/Sundown	11/2/06	1422	1433	1400	Goshen
MD355 at Edmonston Dr	3/12/08	1810	1651	1500	Rockville City
Mont Village Ave at Chris/Lost Knife	5/9/06	1037	1454	1450	Mont Vill/Airpark
Mont Village Ave at Stedwick	10/4/07	1633	1170	1450	Mont Vill/Airpark

Montrose Rd at Tower Oaks Blvd	11/14/06	1663	1232	1550	No Bethesda
Muddy Branch Rd at Diamondback Dr	10/9/07	1563	1195	1450	Gaithersburg City
Muncaster Rd at MD108	3/11/09	1579	1164	1400	Patuxent
Norbeck Rd (MD28) at Avery Rd	1/8/08	1511	1422	1500	Rockville City
Norbeck Rd at Bauer Dr	1/21/09	1571	1524	1500	Aspen Hill
Norbeck Rd at Muncaster Mill Rd.	1/29/09	1609	1238	1500	Aspen Hill
Norbeck Rd at Norbeck Blvd	10/16/08	1369	1518	1500	Aspen Hill
Old Georgetown Rd at Tuckerman Ln	1/22/09	1640	1484	1550	No Bethesda
Parklawn Dr at Boiling Brook Pkwy	9/12/06	1304	1554	1550	No Bethesda
Piney Branch Rd at Philadelphia Ave	1/21/09	1228	1680	1600	SS/TP
Randolph Rd at New Hampshire Ave	3/26/09	1497	1834	1500	Fairland/WO
Randolph Rd at Parklawn Dr (W)	2/11/09	1601	1165	1550	No Bethesda
Ridge Rd at Skylark Rd	4/16/09	1629	1314	1350	Goshen
River Rd at Bradley Blvd	1/24/08	1562	1140	1475	Potomac
River Rd at Falls Rd	3/31/09	1399	1657	1475	Potomac
Rockville Pk at W Cedar Ln	1/7/08	1639	1883	1600	B-CC
Sandy Spring Rd at McKnew	2/11/09	1462	1489	1400	Patuxent
Seven Locks Rd at Tuckerman Ln	11/9/06	1499	1487	1475	Potomac
Shady Grove Rd at Epsilon/Tupelo	2/11/09	1704	1403	1475	Derwood
Shady Grove Rd at Midcounty Hwy	3/5/08	1894	1309	1475	Derwood
Veirs Mill Rd at First St	3/5/09	1252	1605	1500	Rockville City
Veirs Mill Rd at Twinbrook Pkwy	2/3/09	1771	1634	1550	No Bethesda
Woodfield Rd at Brink Rd	4/16/09	1323	1462	1400	Goshen
Woodfield Rd at Fieldcrest/Hadley Farms	2/10/09	1247	1529	1450	Mont Vill/Airpark

There are a total of 763 signalized intersections in the county (78% included in report).

Of 594 intersections with data in the report, 63 are failing (11%) with more volume than capacity.

23 (36%) of the 63 fail in AM peak hours only, another 12 (19%) fail in AM & PM but have higher AM count, so...

55% of failing intersections EITHER FAIL IN AM PEAK HOURS ONLY, OR FAIL IN BOTH AM AND PM PEAK HOURS but have HIGHER AM COUNTS

Of the 594 intersections in the 2009 Highway Mobility report, the most recent data for:

3 intersections is from '01;

8 intersections is from '02; and

67 intersections is from '03 and '04.

So the Critical Lane Volume counts for 78 intersections in report (13%) is **5 years old or older***.

* In prior Highway Mobility Reports, Karl Moritz (former head of the Research and Technology Center at the Planning Department) stated that intersection CLV counts were considered reliable if no more than 3 years old, although his staff did assume data for some intersections that was more than 3 years old was still reliable if no additional development or road improvements had been made in that area in the interim which might have significantly altered the count.