

2005-2035 Modeled Deficiencies

October 7, 2008

Revised Draft

MODEL LEGEND		
Symbol	Model Output	VC Ratio
+	Link Deficient	1.00 or greater
o	Near Deficient	.80 to .99
(blank)	Non Deficient	0 to .79

Links are evaluated based on volume/capacity (VC) ratio, a common measure of congestion, during the 7:00-9:00 a.m. and 3:00 to 6:00 p.m. peak travel periods.

Corridor	Link	Principal Jurisdiction	2005 Deficiencies		2010 Deficiencies		2035 Trend Deficiencies		2035 Wise Growth Deficiencies		Comments
			AM	PM	AM	PM	AM	PM	AM	PM	
Abbot Rd	M-43 (Grand River) to Linden	East Lansing	o	+	o	o	o	+	o	+	
Abbot Rd	Lake Lansing to Clinton County line	East Lansing	o	o							Near deficiency resolved by recent project
Abbot Rd	Linden to Burcham	East Lansing	o	o	o	o	+	+	+	+	
Airport Road	I-96 BL (Grand River) to Stoll	CCRC	o		o		o		o	o	
Airport Road	Stoll to I-69 ramps wb	MDOT								o	
Albert	Division to Bailey	East Lansing						o			
Aurelius Rd	Cedar to Norwood	ICRC	o		o		o	o	o		
Aurelius Rd	Dell to Miller	Lansing	o	o	o	o	+	o	+	o	
Aurelius Rd	Enterprise to Jolly	Lansing	o		o		o	o	o	o	
Aurelius Rd	Holt to Don	ICRC	o	+	o		o	+	+		
Aurelius Rd	Miller to Enterprise	Lansing	o					o		o	
Aurelius Rd	Wilcox to Holt Rd	ICRC	+	o	+	o	+	o	+	o	
Aurelius Rd	Mt. Hope to Main Street ramp	Lansing					o				
Aurelius Rd #	Don to Cedar	ICRC	+	+	+	+	+	+	+	+	
Bellevue Road	Pennsylvania to Main	Leslie					o		o		
Bellevue Road #	US 127 ramps nb to Pennsylvania	Leslie	+	o	+	o	+	+	+	+	
Bennett Road	Hulett to Sun Rapids	ICRC	o	o	o	+	+	+	o	+	
Bennett Road	Sun Rapids to Okemos	ICRC						o		o	
Canal Road	Vermontville to Windsor	ECRC					o		o		
Capitol	M-43 eb (Saginaw) to Shiawassee	Lansing	o		o		+		+		
Cedar St	Aurelius to Willoughby	ICRC	o	o	o	o	o	o	o	o	
Cedar St	Willoughby to Pennsylvania	Lansing	+	o	+	+	+	+	+	+	
Chandler Road	State to Drumheller	CCRC					o		o		
College Road	Bennett to Forest	ICRC	o	o	+	+	+	+	+	+	

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			AM	PM	AM	PM	AM	PM	AM	PM	
College Road	Jolly to Bennett	ICRC					o		o		
College Road	Willoughby to Jolly	ICRC	o		o		o		o		
Collingwood #	East Circle to M-43 (Grand River)	MSU							o		
Coolidge	M-43 (Grand River) to I-69 BL (Saginaw)	East Lansing		o							
Creyts Rd	I-496 on ramp (eb) to St Joe	ECRC	o	o	o	o	+	+	+	+	
Creyts Road #	Between nb and sb lanes of Lansing Road	MDOT	+	o	+	o	+	o	+	o	
Dunckel #	I-496 on ramp (sb) to I-496 on ramp (nb)	Lansing	+	+	+	+	+	+	+	o	
Elm Street	Washington to I-96 BL (Cedar)	Lansing	o		o		o		o		
Evergreen/Valley	Connecting M-43 (Grand River and Abbot)	East Lansing					+		o	+	Evergreen north of Valley is not deficient
Farm Lane	Service Road to Wilson	MSU	+	+							
Farm Lane	Forest to Mount Hope	ICRC	o	o			o	o			
Forest	College to Farm Lane	ICRC	o	o	+	+	+	+	+	+	
Forest	Harrison to College	ICRC								o	
Grand River #	Elm to Main	Webberville					o		o		
Hagadorn Rd	Bennett to Mount Hope	ICRC	o	o	o	o	+	o	o	o	
Hagadorn Rd	Eyde Parkway to M-43 (Grand River)	ICRC	o	o	o	o	o	o	o	+	
Hagadorn Rd	Mount Hope to Eyde Parkway	ICRC	o		o		o		o	o	
Hagadorn Rd	Willoughby to Jolly	ICRC	o		o		o				
Harrison nb & sb	Service to Trowbridge	East Lansing	+	+	+	o	+	+	+	+	
Haslett Road	Meridian to Zimmer	ICRC							o		
Haslett Road Access Way	Approaching I-69 BL (Saginaw) wb	MDOT		o					o	o	
Holmes Road #	M-99 (MLKing) to Washington	Lansing					o	o	o		
Holmes Street	Michigan to Jerome	Lansing	+	o	+	o	+	+	+	+	Connects with Jerome as essentially one link

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			AM	PM	AM	PM	AM	PM	AM	PM	
Holt Rd	US 127 off ramp (nb) to Hagadorn	ICRC	o	o		o		+		+	
Holt Road	Aurelius to Thorburn	ICRC							o		
Holt Road	Hamilton to Aurelius	ICRC	o								
Holt Road	Onondaga to Eifert	ICRC						o		o	
Holt Road #	Cedar to Park	ICRC						o			
Homer	M-43 (Oakland) to M-43 (Saginaw)	Lansing	o		o		o		o		
Howard St	M-43 (Grand River) to M-43 Saginaw	Lansing	o	o	o	o	o	o	+	o	
I-496 eb	Creyts on ramp to Lansing Road ramps	MDOT	o		o		o		o		
I-496 eb & wb	Lansing Rd ramps to ramps east of M-99 (MLK)	MDOT	+	+	+	+	+	+	+	+	
I-496 eb & wb	Waverly ramp to Lansing Road ramps (eb & wb)	MDOT	o	o	o	o	o	o	o	o	
I-496 eb & wb (includes west bound ramp to	Ramps east of M-99 (MLK) to Holmes	MDOT	o	o	o	o	o	o	o	o	
I-496 on ramp (wb)	Approaching Creyts	MDOT		o		o	o	o		o	
I-496 ramp eb	Connecting I-496 and Trowbridge	MDOT					o	o	o	o	
I-496 ramp eb	Connecting I-496 and US 127 to north	MDOT	+	+	+	+	+	+	+	+	
I-496 ramp wb	Approaching I-96 BL (Larch)	MDOT						o			
I-496 ramp wb	Connecting I-496 and US 127 to north	MDOT	o	o	o	o	o	o	o	o	
I-69 BL (Saginaw)	M-43 (Grand River) to Haslett Road	MDOT	+	+	+	+	+	+	+	+	
I-69 BL (Saginaw)	Towner to Marsh	MDOT					o		o		
I-69 BL (Saginaw) eb	Alton to Haslett Road	MDOT		+		+		+	o	o	
I-69 BL (Saginaw) wb	Marsh to Old M-78	MDOT	o	o	o	o	o	o	o	o	
I-69 BL (Saginaw) wb	Haslett wb ingress to end divided	MDOT	+	+		+		+		+	
I-69 BL (Saginaw) wb	Lake Lansing to Towner	MDOT					o		o		

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			AM	PM	AM	PM	AM	PM	AM	PM	
I-69 nb	M-100 (Hartel) on ramp to Lansing Road exit	MDOT	o		o		o		o		
I-69 ramp nb	Approaching M-43 (Saginaw)	MDOT	o		o		o		o		
I-96 (wb)	Okemos Rd off ramp (wb) to US 127 on ramp (nb)	MDOT	o	o	o	o	o	o	o	o	
I-96 BL (Cedar St) #	Elm to I-96 on ramp (eb)	MDOT	o	o	o	o	o	o	o	o	
I-96 BL (Cedar)	Baker to Elm	MDOT	o	o	o	o	+	o	+	o	
I-96 BL (Cedar)	Grand River (sb) on ramp to Grand River	MDOT					o	o	o	o	
I-96 BL (Cedar)	I-496 on ramp (eb) to Main	MDOT	+	+	+	+	+	+	+	+	
I-96 BL (Cedar)	Northrup to Jolly	MDOT							o		
I-96 BL (Cedar)	Northrup to Jolly	MDOT							o	o	
I-96 BL (Cedar)	Rockford to Mount Hope	MDOT							o		
I-96 BL (Cedar) ramp sb	Grand River off ramp approaching Cedar	MDOT		o		o			+		+
I-96 BL (Grand River)	Ingersoll to Grove	MDOT	o		o		o		o		
I-96 BL (Larch)	Mount Hope to Baker	MDOT	o		o		o	o	o	o	
I-96 BL (Larch) ramp nb	M-43 (Oakland) to Grand river entrance ramp	MDOT		o		o			+		o
I-96 off ramp (eb)	Approaching M-99 (MLK)	MDOT		o							
I-96 off ramp (eb)	Approaching Okemos Rd	MDOT	+	+	+		+		+		
I-96 off ramp (wb)	Approaching M-99 (MLK)	MDOT		+		+		+		+	
I-96 off ramp wb	Approaching Pennsylvania	MDOT	o	o	o	o	+	+	+	o	
I-96 off ramp wb	Okemos Rd on ramp to Cedar	MDOT	o	o	o	o	o	o	o	o	
I-96 wb	Cedar Street to M-99 (MLK) off ramp	MDOT		o		o			o		o
I-96 wb	M-99 ramps wb to Lansing Rd nb off ramp	MDOT							o		o
I-96 wb	M-100 on ramps to Grand River off ramps	MDOT							o		o

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Jerome St	Pennsylvania to Holmes	Lansing	+	o	+	o	+	+	+	+	Connects with Holmes as essentially one link
Jolly Rd	M-99 (MLK) to Washington	Lansing	o	o	o	o	o	o	o	o	
Jolly Rd	Washington to Cedar	Lansing	o		o		o	o	o		
Kalamazoo St	MLK sb to Sycamore	Lansing	o	o	o	o	o	o		+	
Kalamazoo St	Walnut to Grand	Lansing	o	o	o	o	o	o	+	o	
Kipp Rd	Mason city limit to Dexter Trail	ICRC					o				
Kipp Rd	Eden to City limit	ICRC	o		o		o		o		
Kipp Rd	US 127 off ramp (sb) to US127 ramp (nb)	MDOT	o	+	o	+	o	+	o	+	
Lake Lansing	East to Lansing City limit	Lansing	o	o	o		o	o	o	o	
Lake Lansing Rd	West Road to Coolidge	East Lansing	+	+	o	o	o	+	o	+	
Lake Lansing Rd	I-69 BL (Saginaw) to Okemos	ICRC						o			
Lake Lansing Rd	Preyde to West Road	ICRC, East Lansing	+	+	+	+	+	+	o	+	
Lansing Road	Royston to Windsor	ECRC	o		o	o	+		o		
Lansing Road	Windsor to Pinch	ECRC	+		+	o	+		+	o	
Lansing Road ramp eb	Approaching I-496	MDOT	+		+		+	o	+		
Larch off ramp	Approaching west bound North Ave (I-96) BL	MDOT	o	o	o	o	o	+	o	o	
M-43 (Grand River)	Okemos Rd to Marsh	MDOT	o	o	o	+	+	+	+	+	
M-43 (Grand River)	Cornell to Meridian	MDOT	+	o	+	o	+	+	+	+	
M-43 (Grand River)	Hagadorn to Northwind	MDOT						o	o		
M-43 (Grand River)	Northwind to Okemos	MDOT						o			
M-43 (Grand River)	Saginaw to Howard	MDOT		o		o	o	o	o	o	
M-43 (Grand River) eb	Michigan to Abbott	MDOT						o	o		
M-43 (Saginaw)	Broadbent to I-69 ramps sb	MDOT	+	+	+	+	+	o	o	+	

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			AM	PM	AM	PM	AM	PM	AM	PM	
M-43 (Saginaw)	Canal to Barbara	MDOT	o		o		o		o		
M-43 (Saginaw)	Chasewood to Jenne	MDOT					o		o		
M-43 (Saginaw)	Fairview to Homer	MDOT						o		o	
M-43 (Saginaw)	I-69 BL (Larch) to Marshall	MDOT						o		o	
M-43 (Saginaw)	I-69 ramps nb to Canal	MDOT	o	o	o	o	o	o	o	o	
M-43 (Saginaw)	Jenne to Nixon	MDOT	o		o		o		o		
M-43 (Saginaw)	Mall Drive East to Clark	MDOT		o		o		o	o	o	
M-43 (Saginaw)	Mall Drive South to Elmwood	MDOT						o	o	o	
M-43 (Saginaw)	Marshall to Fairview	MDOT		o		o		o		o	
M-43 (Saginaw)	Nixon to Broadbent	MDOT	o	o	o	o	o		o	o	
M-43 (Saginaw) eb	Homer to Saginaw access	MDOT		o		o		o	o	o	Portion from Homer to Clippert deficient in 2030 trend.
M-99 (Canal)	Dexter (M-50) to Michigan (M-99)	MDOT	o		o		o		o		
M-99 (Eaton Rapids Road) #	Bishop to I-96 ramps eb	MDOT					o		o	o	
M-99 (ML King)	Holmes to Victor	MDOT	o					o	o	o	
M-99 (ML King)	Jolly to Holmes	MDOT	o		o		o	o	o	o	
Main Street	Holmes to McCullough	Lansing							o		
Main Street	Pine to Walnut	Lansing	+	o	+		o		o		
Marsh Rd	Lake Dr to Clinton County line	ICRC	+	+	+	+	+	+	+	+	
Marsh Rd	Clinton County line to I-69 BL (Saginaw)	CCRC	+	+	+	+	+	+	+	+	
Marsh Rd	Times Square to Tihart	ICRC	o	o	o		o		o		
Marshall	Catholic Central access road to M-43 (Saginaw)	Lansing	o	o	o	o	o	o	o	o	
Marshall	Mighian to Catholic Central access road	Lansing					o	o	o	o	

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			AM	PM	AM	PM	AM	PM	AM	PM	
Martin Luther King	I-96 BL (Grand River to Filley)	Lansing						o	o		
Michigan Avenue	Washington to Grand	Lansing							o	o	
Michigan Avenue #	Capitol to Grand	Lansing				o				o	
Mount Hope	Beaumont to Hagadorn	ICRC						o		o	
Mount Hope	Cedar to Pennsylvania	Lansing						o	o		
Mount Hope	Pennsylvania to Aurelius	Lansing	o	o	o	o	o	o	+	o	
Mount Hope	Washington to Cedar	Lansing	+	+	+	+	+	+	+	+	
North Grand River	West Grand River to I-96 BL (Grand River)	Lansing	o	+	o	+	o	+	o	o	
Northrup	Annapolis to I-96 BL (Cedar)	Lansing							o		
Okemos Rd	Central Park to Quarry	ICRC	o		o	o	o	o	o		
Okemos Rd	Mount Hope to Hamilton	ICRC	o	o	o	o	+	+	+	+	
Okemos Rd	Sandhill to Jolly	ICRC					o	o	o	o	
Okemos Road	I-96 ramps eb to Jolly	ICRC	+	+	+	+	+	+	+	+	
Old Lansing Rd	Waverly to Lansing Rd	ICRC	+	o	+	o	+	+		o	
Old M-78	I-69 BL (Saginaw) to Upton	MDOT					o	o	o	o	
Packard	M-50 (Cochran) to I-69 BL (Lansing Hwy)	Charlotte, ECRC	o		o		o		o		
Pennsylvania	American to I-96 Ramp	Lansing	o	o	o		o		o		(Portion between I-96 on and off ramps are deficient)
Pennsylvania	I-96 ramp to Miller	Lansing	o	o	o	o	+	+	+	o	
Pennsylvania	Main to I-496 wb ramps	Lansing						o	o		
Putnam	M-43 (Grand River) to Church	Williamston					o		o	o	
Putnam (Williamston)	Linn to M-43 (Grand River)	Williamston	o	o	o	o	o	o	o	o	

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Service Rd	Farm Lane east to beginning of divided section west of Bogue	East Lansing	o	o	o	o	+	o	+	o	
Seymour	M-43 eb (Saginaw) to M-43 wb (Oakland)	Lansing			+	o		o			
Seymour	M-43 wb (Oakland) to West Grand River	Lansing			o	o		o			
Trowbridge Rd	Red Cedar to Farm Lane		o					o	o	o	
Trowbridge Rd eb	I-496 access ramps (nb and sb) to Harrison	East Lansing	+	+	+	+	+	+	+	+	
Trowbridge Rd wb		East Lansing	o	+	o	+	o	+	o	+	
Turner	Douglas to Gier	Lansing		o		o		o		o	
Turner	Dwight to Douglas	Lansing						o	o	o	
Turner	Gier to Filley	Lansing						o		o	
Turner #	I-96 BR (North) to Dwight	Lansing	o	o	o	o	o	+	o	o	
Upton Road #	Old M-78 to Amsterdam	CCRC					o		o		
US 127 nb	I-96 ramps eb & wb to Trowbridge ramps	MDOT	+	+	+	+	+	+	+	+	
US 127 nb & sb	Trowbridge ramps to M-43 (Saginaw) ramps	MDOT	o	o	o	o	o	o	o	o	
US 127 ramp nb	Approaching Lake Lansing	MDOT	+	+	+	+	+	+	+	+	
US 127 ramp sb	Approaching Dunckel	MDOT	o	o	o	o	o	+	+	+	
US 127 ramp sb	Approaching Kipp Road	MDOT								o	
US 127 ramps nb	Connecting US 127 and M-43 (Saginaw)	MDOT	+	+	+	+	+	+	+	+	
US 127 sb	I-69 off ramp to Lake Lansing ramp wb	MDOT					o				
US 127 sb	I-96 ramps eb & wb to Trowbridge ramps	MDOT		+		+	o	+	o	+	
US 127 sb on ramp	M-43 (Saginaw) approach US 127 sb	MDOT	o	+	o	+	o	+	+	+	
Vermontville	Dunbar to I-69 BL (Lansing Highway)	Pottersville	o		o		+		o		

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Vermontville	Dunbar to M-100	Potterville	+	o	+		+	o	+	o	
Vermontville	Patriot to Dunbar	Potterville	o		o		o			o	
Wacousta Road	I-96 ramps wb to Herbison	CCRC					o				
Washington Ave	Dunlap to Rockford	Lansing	o	o	o	o	o	+	o	+	
Washington Ave	Fisher to Edgewood	Lansing					o				Constrained by overpass structure
Washington Ave	Holmes to Dunlap	Lansing	o	o	+	o	+	+	+	+	
Washington Ave	Rockford to Mount Hope	Lansing	o		o	+	o	+	o	+	
Washtenaw #	Capitol to Washington	Lansing								o	
Waverly Rd	Holt to M-99	ICRC	o		o		o		o	o	
Waverly Rd	I-496 off ramp (wb) to M-43 (Saginaw)	ICRC	+	o	+	o	+	o	+	o	Portion between I-496 of ramp and St. Joe is deficient in 2035 wise growth scenario
Waverly Rd	I-496 ramps eb to I-496 ramps wb	ICRC						o			
Waverly Rd	M-43 (Saginaw) to Macon	ICRC						o	o	o	
Waverly Rd	Mount Hope to Old Lansing	ICRC	+	+	+	+	+	+	+	+	
Waverly Rd	Glasgow to Mount Hope	Lansing	o	o	o	o	+	o	+	o	
Waverly Rd	Holmes to Glasgow	Lansing	o	o	o		o		o		
Williamston Rd	I-96 off ramp (wb) to Linn	ICRC, Williamston	+	+		+		+		+	
Wilson Rd	Harrison to Chestnut	MSU	o	o	o	o	o	o	o	o	