

JAMES CITY COUNTY TRANSPORTATION PLANNING ANALYSIS

Revised Build-Out Analysis - Without Improvements

Road	Segment		Lanes	Distance (mi)	Build-Out By Zoning				Build-Out By Comprehensive Plan				Build-Out By Comprehensive Plan w/ Land Use Application - Commerce Park				Build-Out By Comprehensive Plan w/ Land Use Application - Transit Oriented				
	From	To			Build Out AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	Build Out AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	Build Out AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	Build Out AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	
Barhamsville Rd	I-64	La Grange Pkwy	4	1.3	21771	B			39899	F	2	\$17.237	24510	B				24016	B		
Barhamsville Rd	La Grange Pkwy	Rte 60 / Rochambeau Rd	4	0.4	23344	B			35422	E	2	\$5.304	30184	C				31554	D		
Barnes Rd	Old Stage Rd	Rte 60	2	2.3	7818	C			8951	C			5275	C				5123	C		
Barnes Rd	Rte 60	Diascund Rd	2	0.9	776	B			2046	B			845	B				999	B		
Brick Bat Rd	Centerville Rd	Saw Mill Rd	2	1.3	1284	B			1278	B			696	B				702	B		
Brick Bat Rd	Saw Mill Rd	John Tyler Hwy	2	1.3	1026	B			1754	B			974	B				948	B		
Centerville Rd	Rte 60	Jolly Pond Rd	2	1.4	16985	F	2	\$9.595	20392	F	2	\$9.595	17454	F	2	\$9.595	18122	F	2	\$9.595	
Centerville Rd	Jolly Pond Rd	Longhill Rd	2	1.0	17944	F	2	\$6.853	18422	F	2	\$6.853	18075	F	2	\$6.853	18459	F	2	\$6.853	
Centerville Rd	Longhill Rd	News Rd	2	1.1	13710	D			18519	F	2	\$7.539	15766	E	2	\$7.539	16060	E	2	\$7.539	
Centerville Rd	News Rd	Monticello Ave	2	1.4	7531	C			11176	C			8171	C				9169	C		
Centerville Rd	Monticello Ave	John Tyler Hwy	2	0.7	9175	C			11499	C			8855	C				9161	C		
Chickahominy Rd	Rte 60	Cranstons Mill Pond Rd	2	2.0	10127	C			12980	C			11124	C				11541	C		
Colonial Parkway	Rte 199	Colonial Parkway link at Jamestown Rd	2	7.9	6045	B			11979	B			7258	B				7795	B		
Colonial Parkway	Jamestown Rd	Colonial Parkway S of Jamestown Rd	2	0.3	7154	B			1308	B			8217	B				8770	B		
Colonial Parkway	Colonial Parkway S of Jamestown Rd	Williamsburg CL	2	0.7	1821	B			1488	B			1456	B				1453	B		
Cranstons Mill Pond Rd	Little Creek Dam Rd	Jolly Pond Rd	2	1.4	10874	C			15930	E	2	\$9.595	13962	D				14313	D		
Croaker Rd	Rochambeau Rd	I-64	4	0.2	31138	D			49311	F	2	\$1.371	35619	E	2	\$1.371	39414	F	2	\$1.371	
Croaker Rd	I-64	Fenton Mill Rd	4	0.4	18825	B			29149	C			31239	D				31872	D		
Croaker Rd	Rte 60	Rochambeau Rd	2	0.7	17888	F	2	\$4.797	27574	F	2	\$4.797	28663	F	2	\$4.797	32756	F	2	\$4.797	
Croaker Rd	Fenton Mill Rd	Ware Creek Road	2	2.1	6969	C			6006	C			13204	D				13759	D		
Diascund Rd	Rte 60	Barnes Rd	2	1.5	1862	B			2383	B			1454	B				2700	B		
Diascund Rd	Barnes Rd	Forge Rd	2	2.1	2638	B			4429	C			2299	B				3699	B		
Forge Rd	Brickyard Rd	Diascund Rd	2	1.8	6871	C			6843	C			4332	C				4372	C		
Forge Rd	Diascund Rd	Little Creek Dam Rd	2	0.7	6722	C			7459	C			4571	C				5728	C		
Forge Rd	Little Creek Dam Rd	Rte 60	2	2.4	11743	C			13502	D			13297	D				13689	D		
Greensprings Rd	John Tyler Hwy	Jamestown Rd	2	2.0	7148	C			11271	C			7198	C				7867	C		
I-64	Exit 243 (Grove)	Exit 247 (Lee Hall)	4	2.4	140602	F	4	VDOT	153296	F	4	VDOT	139724	F	4	VDOT	133872	F	4	VDOT	
I-64	Exit 231 (Croaker Rd)	Exit 234 (Rte 199 West)	4	2.8	112562	F	2	VDOT	145003	F	2	VDOT	123759	F	2	VDOT	127750	F	2	VDOT	
I-64	Exit 227 (Old Stage)	Exit 231 (Croaker Rd)	4	4.3	86963	E	2	VDOT	103680	F	2	VDOT	96018	E	2	VDOT	96811	F	2	VDOT	
I-64	New Kent CL	Exit 227 (Old Stage)	4	2.7	80680	E	2	VDOT	80689	E	2	VDOT	80696	E	2	VDOT	80672	E	2	VDOT	
Ironbound Rd	Longhill Connector Rd	Monticello Ave	4	1.4	10865	B			19856	B			12438	B				12881	B		
Ironbound Rd	Monticello Ave	John Tyler Hwy	2	1.9	19190	F	2	\$17.529	22087	F	2	\$17.529	20003	F	2	\$17.529	19734	F	2	\$17.529	
Ironbound Rd	John Tyler Hwy	Jamestown Rd	2	0.9	10772	C			13738	D			12181	C				12832	C		
Jamestown Rd	Rte 199	Ironbound Rd	2	2.4	15941	E	2	\$22.141	23911	F	2	\$22.141	15832	E	2	\$22.141	16091	E	2	\$22.141	
Jamestown Rd	Ironbound Rd	Greensprings Rd	2	1.2	8978	C			9249	C			7067	C				6810	C		
Jamestown Rd	Greensprings Rd	JCC WCL	2	0.7	6732	C			12318	C			7300	C				8272	C		
John Tyler Hwy	Brick Bat Rd	Centerville Rd / Greensprings Rd	2	2.1	7778	C			8396	C			6654	C				6849	C		
John Tyler Hwy	Centerville Rd/Greensprings Rd	Ironbound Rd	2	2.5	16526	F	2	\$20.428	19736	F	2	\$20.428	14435	D				14594	D		
John Tyler Hwy	Ironbound Rd	Rte 199 / Strawberry Plains Rd	2	2.4	18804	F	2	\$19.611	25252	F	2	\$19.611	19517	F	2	\$19.611	19489	F	2	\$19.611	
Jolly Pond Rd	Centerville Rd	Cranstons Mill Pond Rd	2	1.1	8294	C			11201	C			10532	C				10688	C		
La Grange Pkwy	Barhamsville Rd	Ware Creek Road	4	1.0	12398	C			32646	F	2	\$6.853	17137	C				18010	C		
Lake Powell Road	Rolling Woods Drive	Brookwood Drive	2	1.0	6996	C			13999	D			7677	C				9612	C		
Little Creek Dam Rd	Forge Rd	Chickahominy Rd	2	3.7	7833	C			9731	C			8489	C				8618	C		
Longhill Connector Rd	Longhill Rd	Ironbound Rd	2	0.6	20315	F	2	\$4.112	28608	F	2	\$4.112	29053	F	2	\$4.112	25137	F	2	\$4.112	
Longhill Rd	Longhill Connector Rd	Rte 199	2	0.3	30980	F	2	\$2.056	43377	F	2	\$2.056	39553	F	2	\$2.056	41719	F	2	\$2.056	
Longhill Rd	Springs West Road	Centerville Rd	2	2.5	15638	F	2	\$17.133	19344	F	2	\$17.133	16876	F	2	\$17.133	16801	F	2	\$17.133	
Longhill Rd	Old Towne Rd	Springs West Rd	2	1.4	21326	F	2	\$9.595	31881	F	2	\$9.595	23278	F	2	\$9.595	23738	F	2	\$9.595	
Longhill Rd	Rte 199	Old Towne Rd	2	0.8	23873	F	2	\$5.483	31698	F	2	\$5.483	28470	F	2	\$5.483	27697	F	2	\$5.483	
Monticello Ave	Ironbound Rd	Rte 199	4	0.8	30205	D			49769	F	2	\$5.483	34878	F	2	\$5.483	38771	F	2	\$5.483	
Monticello Ave	Rte 199	News Rd	4	0.3	39388	F	2	\$2.056	51153	F	2	\$2.056	42302	F	2	\$2.056	43368	F	2	\$2.056	
Monticello Ave	News Rd	Centerville Rd	2	2.8	12589	C			15666	E	2	\$19.189	16461	F	2	\$19.189	16844	F	2	\$19.189	
Mooretown Road Extended	Route 199	Croaker Rd	0	1.3									36038	F	4	\$15.839	47999	F	4	\$15.839	
Mounts Bay Road	Rte 199	Kingsmill Gate	4	0.3	11240	C			13932	D			9489	C				9438	C		
Neck-O-Land Road	Gatehouse Drive	Jamestown Rd	2	0.5	13024	C			22977	F	2	\$3.632	16537	F	2	\$3.632	19174	F	2	\$3.632	
News Rd	Centerville Rd	Powhatan Secondary	2	2.2	12856	C			15765	E	2	\$15.077	14538	D				13964	D		
News Rd	Powhatan Secondary	Monticello Ave	2	0.8	13454	D			17851	F	2	\$5.483	14481	D				14866	D		
Old Stage Rd	Fieldstone Pkwy	I-64	4	0.9	22715	B			31707	D			31710	D				31737	D		
Old Stage Rd	New Kent CL	Fieldstone Pkwy	2	1.3	11288	B			11288	B			11284	B				11291	B		
Old Towne Rd	Rte 60 / Richmond Road	Longhill Rd	2	1.4	15599	F	2	\$9.595	22079	F	2	\$9.595	21761	F	2	\$9.595	21470	F	2	\$9.595	
Pocahontas Trl	Rte 199	Kingsmill Gate	4	0.6	50989	F	2	\$7.956	53378	F	2	\$7.956	40792	F	2	\$7.956	44916	F	2	\$7.956	
Pocahontas Trl	Kingsmill Gate	Grove Interchange	4	1.2	55048	F	2	\$15.911	55135	F	2	\$15.911	43974	F	2	\$15.911	47558	F	2	\$15.911	
Pocahontas Trl	Grove Interchange	Newport News CL	2	4.3	23845	F	2	\$57.015	29641	F	2	\$57.015	24147	F	2	\$57.015	25481	F	2	\$57.015	
Rochambeau Dr	Rte 60	Bridge Road (Stonehouse)	4	2.0	15816	B			17362	B			16739	B				16055	B		
Rochambeau Dr	Bridge Road (Stonehouse)	Croaker Rd	4	0.7	31585	D			46558	F	2	\$4.797	41483	F	2	\$4.797	40485	F	2	\$4.797	
Rochambeau Dr	Croaker Rd	York CL	2	2.4	11954	B			17857	B			18858	B				17333	B		
Rt 143 / Merrimac Trl	Grove Interchange	Newport News CL	4	3.0	22364	B			33424	D			30055	C				24271	B		
Rte 199	Jamestown Rd	John Tyler Hwy	4	0.4	38218	F	2	\$2.947	49552	F	2	\$2.947	44481	F	2	\$2.947	40410	F	2	\$2.947	
Rte 1																					