

JAMES CITY COUNTY TRANSPORTATION PLANNING ANALYSIS
Build-Out by Zoning & by Comprehensive Plan

Road	Segment		Number of Lanes	Distance (mi)	Build-Out By Zone				Build-Out By Comprehensive Plan			
					2030 Forecast AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	2030 Forecast AADT	Service Level	Improvement No. Lanes	Cost (\$ million)
	From	To										
Barhamsville Rd	I-64	La Grange Pkwy	4	1.3	21776	B			35856	E	2	\$17.237
Barhamsville Rd	La Grange Pkwy	Rte 60 / Rochambeau Rd	4	0.4	17966	B			34451	E	2	\$5.304
Barnes Rd	Old Stage Rd	Rte 60	2	2.3	-529	B			2458	B		
Barnes Rd	Rte 60	Diascund Rd	2	0.9	374	B			1132	B		
Brick Bat Rd	Centerville Rd	Saw Mill Rd	2	1.3	414	B			-121	B		
Brick Bat Rd	Saw Mill Rd	John Tyler Hwy	2	1.3	-227	B			804	B		
Centerville Rd	Rte 60	Jolly Pond Rd	2	1.4	12781	C			19446	F	2	\$9.595
Centerville Rd	Jolly Pond Rd	Longhill Rd	2	1.0	16379	F	2	\$6.853	19570	F	2	\$6.853
Centerville Rd	Longhill Rd	News Rd	2	1.1	13786	D			18159	F	2	\$7.539
Centerville Rd	News Rd	Monticello Ave	2	1.4	1468	B			8215	C		
Centerville Rd	Monticello Ave	John Tyler Hwy	2	0.7	1442	B			5872	C		
Chickahominy Rd	Rte 60	Cranstons Mill Pond Rd	2	2.0	6123	C			10377	C		
Colonial Parkway	Rte 199	Colonial Parkway link at Jamestown Rd	2	7.9	6101	B			11939	B		
Colonial Parkway	Jamestown Rd	Colonial Parkway S of Jamestown Rd	2	0.3	6181	B			12096	B		
Colonial Parkway	Colonial Parkway S of Jamestown Rd	York CL	2	0.7	649	B			583	B		
Cranstons Mill Pond Rd	Little Creek Dam Rd	Jolly Pond Rd	2	1.4	4821	C			13402	D		
Croaker Rd	Rochambeau Rd	I-64	4	0.2	24126	B			41903	F	2	\$1.371
Croaker Rd	I-64	Fenton Mill Rd	4	0.4	13710	B			33754	D		
Croaker Rd	Rte 60	Rochambeau Rd	2	0.7	14512	D			25834	F	2	\$4.797
Croaker Rd	Fenton Mill Rd	Ware Creek Road	2	2.1	13201	D			18952	F	2	\$14.392
Diascund Rd	Rte 60	Barnes Rd	2	1.5	813	B			1139	B		
Diascund Rd	Barnes Rd	Forge Rd	2	2.1	1187	B			2271	B		
Forge Rd	Brickyard Rd	Diascund Rd	2	1.8	2326	B			6477	C		
Forge Rd	Diascund Rd	Little Creek Dam Rd	2	0.7	2873	B			6925	C		
Forge Rd	Little Creek Dam Rd	Rte 60	2	2.4	4070	C			11511	C		
Greensprings Rd	John Tyler Hwy	Jamestown Rd	2	2.0	2964	B			7403	C		
I-64	Exit 243 (Grove)	Exit 247 (Lee Hall)	4	2.4	131629	F	4	VDOT	147886	F	4	VDOT
I-64	Exit 231 (Croaker Rd)	Exit 234 (Rte 199 West)	4	2.8	108774	F	2	VDOT	139580	F	2	VDOT
I-64	Exit 227 (Old Stage)	Exit 231 (Croaker Rd)	4	4.3	81615	E	2	VDOT	96392	E	2	VDOT
I-64	New Kent CL	Exit 227 (Old Stage)	4	2.7	80676	E	2	VDOT	80666	E	2	VDOT
Ironbound Rd	Longhill Rd	Longhill Connector Rd	2	0.5	17714	F	2	\$4.613	21083	F	2	\$4.613
Ironbound Rd	Longhill Connector Rd	Monticello Ave	2	1.4	10693	C			15110	D		
Ironbound Rd	Monticello Ave	John Tyler Hwy	2	1.9	21056	F	2	\$17.529	21987	F	2	\$17.529
Ironbound Rd	John Tyler Hwy	Jamestown Rd	2	0.9	2686	B			6372	C		
Jamestown Rd	Rte 199	Ironbound Rd	2	2.4	13726	D			20324	F	2	\$22.141
Jamestown Rd	Ironbound Rd	Greensprings Rd	2	1.2	8762	C			9904	C		
Jamestown Rd	Greensprings Rd	JCC WCL	2	0.7	6833	C			11575	C		
John Tyler Hwy	Brick Bat Rd	Centerville Rd / Greensprings Rd	2	2.1	7863	C			8360	C		
John Tyler Hwy	Centerville Rd/Greensprings Rd	Ironbound Rd	2	2.5	15486	D			19569	F	2	\$20.428

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	From	To			2030 Forecast AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	2030 Forecast AADT	Service Level	Improvement No. Lanes	Cost (\$ million)	
John Tyler Hwy	Ironbound Rd	Rte 199 / Strawberry Plains Rd	2	2.4	18864	F	2	\$19.611	24440	F	2	\$19.611	
Jolly Pond Rd	Centerville Rd	Cranstons Mill Pond Rd	2	1.1	4610	C			8094	C			
Jolly Pond Rd	Cranstons Mill Pond Rd	Centerville Rd	2	5.6	216	B			5797	C			
La Grange Pkwy	Barhamsville Rd	Ware Creek Road	4	1.0	16413	C			39493	F	2	\$6.853	
Little Creek Dam Rd	Forge Rd	Chickahominy Rd	2	3.7	1232	B			8486	C			
Longhill Connector Rd	Longhill Rd	Ironbound Rd	2	0.6	21693	F	2	\$4.112	27662	F	2	\$4.112	
Longhill Rd	Longhill Connector Rd	Rte 199	2	0.3	28387	F	2	\$2.056	41278	F	2	\$2.056	
Longhill Rd	Springs West Road	Centerville Rd	2	2.5	15446	F	2	\$17.133	18701	F	2	\$17.133	
Longhill Rd	Old Towne Rd	Springs West Rd	2	1.4	17256	F	2	\$9.595	30464	F	2	\$9.595	
Longhill Rd	Rte 199	Old Towne Rd	2	0.8	22097	F	2	\$5.483	31434	F	2	\$5.483	
Longhill Rd	Williamsburg CL	Longhill Connector Rd	2	0.6	5922	C			9026	C			
Monticello Ave	Ironbound Rd	Rte 199	4	0.8	31290	F	2	\$5.483	41354	F	2	\$5.483	
Monticello Ave	Rte 199	News Rd	2	0.3	28035	F	2	\$2.056	38136	F	2	\$2.056	
Monticello Ave	News Rd	Centerville Rd	4	2.8	12209	C			17939	C			
Mounts Bay Road	Rte 199	Kingsmill Rd	2	0.3	7843	C			9037	C			
News Rd	Centerville Rd	Powhatan Secondary	2	2.2	7227	C			10034	C			
News Rd	Powhatan Secondary	Monticello Ave	2	0.8	5849	C			7834	C			
Old Stage Rd	Fieldstone Pkwy	I-64	4	0.9	20606	B			32521	D			
Old Stage Rd	New Kent CL	Fieldstone Pkwy	2	1.3	11285	B			11286	B			
Old Towne Rd	Rte 60 / Richmond Road	Longhill Rd	2	1.4	11764	D			16173	F	2	\$9.595	
Pocahontas Trl	Rte 199	Kingsmill Rd	4	0.6	38190	F	2	\$7.956	49118	F	2	\$7.956	
Pocahontas Trl	Kingsmill Rd	Grove Interchange	4	1.2	40767	F	2	\$15.911	45041	F	2	\$15.911	
Pocahontas Trl	Grove Interchange	Newport News CL	4	4.3	21046	B			28454	B			
Rochambeau Dr	Rte 60	Joshua's Ct	4	2.0	1920	B			12187	B			
Rochambeau Dr	Joshua's Ct	Croaker Rd	2	0.7	10541	B			22872	F	2	\$4.797	
Rt 143 / Merrimac Trl	Grove Interchange	Newport News CL	4	3.0	22130	B			22024	B			
Rte 199	Jamestown Rd	John Tyler Hwy	4	0.4	39770	F	2	\$5.701	47675	F	2	\$5.701	
Rte 199	Jamestown Rd	Colonial Parkway	4	1.9	37810	C			45203	C			
Rte 199	Colonial Parkway	Quarterpath Rd / Mount Bay Rd	4	1.0	38322	C			45751	C			
Rte 199	Quarterpath Rd / Mount Bay Rd	York CL	4	1.2	31401	B			36678	C			
Rte 199	John Tyler Hwy	Monticello Ave	4	1.1	33488	B			41791	C			
Rte 199	Monticello Ave	Longhill Rd	4	1.9	32649	B			54232	D			
Rte 199	Longhill Rd	Rte 60 / Richmond Road	4	3.0	28403	B			59040	D			
Rte 60 / Richmond Road	Rochambeau Rd	Croaker Rd	4	3.2	27017	B			47246	F	2	\$42.430	
Rte 60 / Richmond Road	New Kent CL	Barnes Rd	4	2.5	7129	B			10647	B			
Rte 60 / Richmond Road	Barnes Rd	Rochambeau Rd	4	4.0	8944	B			22446	B			
Rte 60 / Richmond Road	Centerville Rd	Rte 199	4	0.3	45698	F	2	\$3.978	75261	F	2	\$3.978	
Rte 60 / Richmond Road	Croaker Rd	Centerville Rd	4	2.7	40303	F	2	\$35.800	65281	F	2	\$35.800	
Rte 60 / Richmond Road	Rte 199	Williamsburg CL	4	1.5	39142	F	2	\$19.889	47738	F	2	\$19.889	
Strawberry Plains Rd	Monticello Ave	John Tyler Hwy	2	1.1	3674	C			6947	C			
Total Improvement Cost (\$ million)								\$183.757	Total Improvement Cost (\$ million)				\$350.235