

2045 Route 1 (Richmond Hwy)					
Route 1 Intersection	Peak Hour	2045 - No Build		2045 Build - Traditional	
		Overall Delay	LOS	Overall Delay	LOS
Route 921 (Ladson Ln)	AM Peak	48.9	D	9.1	A
	PM Peak	85.4	F	10.4	A
Route 836 / Route 235 (Buckman Rd / Mt. Vernon Hwy)	AM Peak	148.9	F	39.7	D
	PM Peak	160.6	F	36.2	D
Route 1202 (Janna Lee Ave)	AM Peak	61.3	E	18.0	B
	PM Peak	87.1	F	11.3	B
Route 3111 / Route 1097 (Russell Rd / Reddick Ave)	AM Peak	44.1	D	39.2	D
	PM Peak	76.3	E	61.7	E
Route 924 (Mohawk Ln)	AM Peak	22.9	C	20.4	C
	PM Peak	99.8	F	15.2	B
Route 888 (Radford Ave)	AM Peak	12.6	B	7.1	A
	PM Peak	119.7	F	6.9	A
Route 3191 (Frye Rd)	AM Peak	22.4	C	32.5	C
	PM Peak	215.0	F	33.0	C
Route 624 (Lukens Ln)	AM Peak	21.5	C	32.1	C
	PM Peak	174.7	F	40.9	D
Route 3105 (Cooper Rd)	AM Peak	27.6	C	33.0	C
	PM Peak	69.1	E	38.7	D
Route 5282 (Sacramento Dr)*	AM Peak	47.5	D	-	-
	PM Peak	186.9	F	-	-
Route 619/ Route 235 (Jeff Todd Way / Mt. Vernon Memorial Hwy)	AM Peak	85.1	F	51.8	D
	PM Peak	278.8	F	52.6	D

Note: *Sacramento Drive is proposed for re-alignment in the build condition with Cooper Road to form 4-legged intersection

Richmond Hwy (Route 1) Side Street Travel Time Evaluation					
Travel Section: From	Travel Section: To	2045 No Build		2045 Build - Traditional	
		AM Peak	PM Peak	AM Peak	PM Peak
Route 235 (Mt. Vernon Memorial Hwy) / Route 836-N (Buckman Rd - North)	Route 1 South	285.9	349.0	109.8	200.4
	Route 1 North	269.0	372.1	111.9	116.0
Total Side Street Travel Time		554.9	721.1	221.7	316.4
Route 924 (Mohawk Lane) / Govt. Center Access	Route 1 South	77.1	92.2	131.0	115.8
	Route 1 North	103.9	203.3	188.6	131.6
Total Side Street Travel Time		181.0	295.5	319.5	247.4
Route 3105 (Cooper Rd) / Route 5282 (Sacramento Dr)	Route 1 South	178.5	218.4	129.0	130.1
	Route 1 North	202.6	765.1	99.4	109.0
Total Side Street Travel Time		381.1	983.5	228.5	239.0

Richmond Hwy (Route 1) Travel Times				
AM Travel Times (7:15-8:15 AM)				
Section Limits		Route 1 Direction	2045 No Build AM	2045 Build AM - Traditional
Ladson Lane	Jeff Todd Way	SB	455.5	474.3
Jeff Todd Way	Ladson Lane	NB	592.3	381.5
PM Travel Times (4:15-5:15 PM)				
Section Limits		Route 1 Direction	2045 No Build PM	2045 Build PM - Traditional
Ladson Lane	Jeff Todd Way	SB	392.9	437.7
Jeff Todd Way	Ladson Lane	NB	3685.8	426.7