

Intersection Level of Service: 2035 Alternative 02 (AM Peak)

Intersection Name	Appr.	Average Delay (sec/veh)				Approach LOS	Intersection Delay	Intersection LOS
		Left	Through	Right	Total Appr			
Fort Westend	EB	9.7	7.3	1.6	8.3	A	10.2	B
	WB	6.6	5.5	2.7	5.8	A		
	NB	18.6	13.2	11.5	13.2	B		
	SB	13.5	12.7	9.4	12.6	B		
Fort Green	EB	0.0	8.8	3.2	7.7	A	9.6	A
	WB	18.0	15.3	2.7	15.7	B		
	NB	7.2	10.3	3.9	6.5	A		
	SB	9.7	12.2	3.2	10.0	B		
Fort Waterman	EB	12.4	10.2	11.6	10.4	B	9.6	A
	WB	10.9	9.7	2.2	9.3	A		
	NB	19.7	12.8	3.5	8.7	A		
	SB	12.8	0.0	3.6	5.5	A		
Fort Livernois	EB	#N/A	19.7	7.3	19.4	B	10.6	B
	WB	2.5	1.3	#N/A	1.5	A		
	NB	0.0	#N/A	0.0	0.0	A		
	SB	9.8	8.3	3.9	6.5	A		
Fort Dragoon	EB	2.7	2.2	#N/A	2.2	A	5.2	A
	WB	#N/A	11.8	5.3	10.3	B		
	NB	13.9	13.0	1.7	13.1	B		
	SB							
Fort Junction	EB	0.0	12.0	5.9	11.7	B	9.6	A
	WB	0.0	10.5	3.5	7.7	A		
	NB	0.0	9.9	8.5	9.5	A		
	SB	11.2	12.0	2.0	5.9	A		
Northbound Service Drive Junction	EB	#N/A	0.5	1.9	0.8			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	#N/A	6.1	6.1			
	SB	#N/A	#N/A	#N/A	#N/A			
Fort Clark	EB	12.3	7.4	2.3	7.6	A	14.3	B
	WB	12.5	11.1	17.8	13.4	B		
	NB	0.0	21.1	3.8	9.9	A		
	SB	24.4	16.5	19.2	22.0	C		
Lafayette Junction	EB	#N/A	#N/A	#N/A	#N/A			
	WB	#N/A	0.5	1.9	1.0			
	NB	#N/A	#N/A	#N/A	#N/A			
	SB	#N/A	#N/A	6.3	6.3			
Southbound Service Drive Livernois	EB						7.1	A
	WB	4.5	7.9	#N/A	5.7	A		
	NB							
	SB	#N/A	9.1	5.5	8.7	A		
Southbound Service Drive Dragoon	EB						10.5	B
	WB	#N/A	12.6	4.4	11.7	B		
	NB	12.1	5.7	#N/A	8.4	A		
	SB							
Southbound Service Drive Waterman	EB	#N/A	#N/A	#N/A	#N/A			
	WB	#N/A	0.4	1.7	0.5			
	NB	#N/A	#N/A	#N/A	#N/A			
	SB	#N/A	#N/A	12.4	12.4			
Northbound Service Drive Livernois	EB	#N/A	19.3	4.9	16.6	B	11.8	B
	WB							
	NB							
	SB	7.3	6.9	#N/A	7.0	A		
Northbound Service Drive Dragoon	EB	14.1	11.6	#N/A	12.2	B	12.5	B
	WB							
	NB	#N/A	13.0	19.3	14.1	B		
	SB							
Northbound Service Drive Waterman	EB	#N/A	0.0	0.0	0.0			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	#N/A	7.6	7.6			
	SB	#N/A	#N/A	#N/A	#N/A			
Southbound Service Drive Green	EB	#N/A	#N/A	#N/A	#N/A			
	WB	16.1	11.6	10.3	10.6			
	NB	13.7	13.4	#N/A	13.5			
	SB	#N/A	10.3	9.1	10.0			
Southbound Service Drive Springwells	EB						11.2	B
	WB	16.9	18.3	7.1	13.9	B		
	NB	6.4	1.3	#N/A	2.0	A		
	SB	#N/A	17.9	5.3	14.0	B		
Northbound Service Drive Westend	EB	19.9	19.1	5.9	18.3	B	14.8	B
	WB							
	NB	#N/A	10.9	4.9	8.9	A		
	SB	16.5	11.5	#N/A	13.5	B		
Northbound Service Drive Green	EB	11.2	11.3	9.5	11.2			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	10.7	7.7	8.3			
	SB	10.0	13.5	#N/A	12.7			
Northbound Service Drive Clark	EB	29.8	30.8	5.8	18.0	B	11.2	B
	WB							
	NB	#N/A	8.6	5.1	6.1	A		
	SB	5.9	5.0	#N/A	5.4	A		
Southbound Service Drive Clark	EB						19.6	B
	WB	31.0	28.5	11.1	23.3	C		
	NB	12.9	11.2	#N/A	11.6	B		
	SB	#N/A	15.1	3.9	12.7	B		
Fort Grand	EB	2.2	1.9	1.4	1.9	A	4.1	A
	WB	10.0	3.6	6.0	3.8	A		
	NB	21.3	25.0	41.4	31.3	C		
	SB	28.6	26.8	4.2	21.8	C		
Northbound Service Drive Grand	EB	9.1	7.9	3.4	8.2	A	12.5	B
	WB							
	NB	#N/A	11.0	2.4	9.0	A		
	SB	16.2	14.3	#N/A	15.6	B		
Southbound Service Drive Grand	EB						7.2	A
	WB	7.1	7.3	2.7	3.9	A		
	NB	10.8	12.1	#N/A	11.8	B		
	SB	#N/A	10.8	5.6	9.1	A		
Fort Post	EB	#N/A	0.0	0.4	0.0	A	0.0	A
	WB	1.3	0.2	#N/A	0.3	A		
	NB	5.6	#N/A	3.1	6.4	A		
	SB							

Intersection Level of Service: 2035 Alternative 02 (MD Peak)

Intersection Name	Appr.	Average Delay (sec/veh)				Approach LOS	Intersection Delay	Intersection LOS
		Left	Through	Right	Total Appr			
Fort Westend	EB	9.8	6.9	0.3	7.9	A	7.7	A
	WB	5.1	4.6	0.1	3.7	A		
	NB	0.0	7.8	2.7	6.5	A		
	SB	14.1	12.6	6.4	11.5	B		
Fort Green	EB	16.1	10.1	0.3	9.3	A	12.6	B
	WB	21.0	20.4	0.2	18.8	B		
	NB	11.3	9.8	2.4	8.6	A		
	SB	9.6	11.5	0.4	9.6	A		
Fort Waterman	EB	0.0	12.9	1.8	12.3	B	9.7	A
	WB	9.5	7.5	0.0	7.2	A		
	NB	18.2	11.5	1.0	7.1	A		
	SB	16.6	14.2	0.0	15.5	B		
Fort Livernois	EB	#N/A	3.3	2.1	3.3	A	8.0	A
	WB	11.9	11.1	#N/A	11.3	B		
	NB	0.0	#N/A	0.0	0.0	A		
	SB	10.3	11.1	8.4	9.7	A		
Fort Dragoon	EB	15.9	10.5	#N/A	12.1	B	11.1	B
	WB	#N/A	13.5	6.9	10.1	B		
	NB	15.6	14.2	4.2	13.6	B		
	SB							
Fort Junction	EB	17.3	12.5	2.9	11.8	B	9.8	A
	WB	0.3	9.6	2.6	8.4	A		
	NB	10.8	10.5	10.1	10.7	B		
	SB	0.0	10.4	2.8	6.5	A		
Northbound Service Drive Junction	EB	#N/A	0.2	0.5	0.2			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	#N/A	7.0	7.0			
	SB	#N/A	#N/A	#N/A	#N/A			
Fort Clark	EB	11.5	6.8	1.9	7.3	A	12.9	B
	WB	10.8	11.9	19.0	13.5	B		
	NB	17.3	21.5	3.5	15.7	B		
	SB	17.1	13.0	12.6	15.2	B		
Lafayette Junction	EB	#N/A	#N/A	#N/A	#N/A			
	WB	#N/A	0.3	0.9	0.5			
	NB	#N/A	#N/A	#N/A	#N/A			
	SB	#N/A	#N/A	6.5	6.5			
Southbound Service Drive Livernois	EB						9.1	A
	WB	8.0	11.1	#N/A	9.6	A		
	NB							
	SB	#N/A	10.1	7.2	8.7	A		
Southbound Service Drive Dragoon	EB						12.2	B
	WB	#N/A	12.8	4.8	11.4	B		
	NB	18.0	10.2	#N/A	12.8	B		
	SB							
Southbound Service Drive Waterman	EB	#N/A	#N/A	#N/A	#N/A			
	WB	#N/A	0.0	3.6	0.1			
	NB	#N/A	#N/A	#N/A	#N/A			
	SB	#N/A	#N/A	8.9	8.9			
Northbound Service Drive Livernois	EB	#N/A	18.1	7.4	16.8	B	10.7	B
	WB							
	NB							
	SB	6.7	6.4	#N/A	6.5	A		
Northbound Service Drive Dragoon	EB	12.6	11.2	#N/A	11.9	B	13.5	B
	WB							
	NB	#N/A	14.9	16.9	15.2	B		
	SB							
Northbound Service Drive Waterman	EB	#N/A	0.1	3.3	0.3			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	#N/A	5.8	5.8			
	SB	#N/A	#N/A	#N/A	#N/A			
Southbound Service Drive Green	EB	#N/A	#N/A	#N/A	#N/A			
	WB	16.0	15.3	15.1	14.5			
	NB	19.2	19.9	#N/A	19.8			
	SB	#N/A	10.4	10.2	10.3			
Southbound Service Drive Springwells	EB						17.8	B
	WB	25.9	36.3	17.7	26.6	C		
	NB	11.7	1.7	#N/A	3.5	A		
	SB	#N/A	16.9	5.0	12.9	B		
Northbound Service Drive Westend	EB	17.3	19.8	6.5	17.6	B	16.1	B
	WB							
	NB	#N/A	15.9	8.5	15.0	B		
	SB	17.4	14.6	#N/A	15.5	B		
Northbound Service Drive Green	EB	8.9	9.4	8.1	9.3			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	9.9	9.4	9.8			
	SB	7.8	10.3	#N/A	10.1			
Northbound Service Drive Clark	EB	29.9	31.3	4.6	26.6	C	13.1	B
	WB							
	NB	#N/A	8.7	4.8	6.4	A		
	SB	5.3	3.5	#N/A	4.2	A		
Southbound Service Drive Clark	EB						14.3	B
	WB	30.0	27.1	8.8	17.6	B		
	NB	11.3	8.5	#N/A	9.2	A		
	SB	#N/A	15.4	4.0	12.1	B		
Fort Grand	EB	4.3	1.9	1.3	1.9	A	4.6	A
	WB	7.5	4.0	6.5	4.3	A		
	NB	24.8	13.1	25.3	23.4	C		
	SB	29.5	34.0	4.2	22.6	C		
Northbound Service Drive Grand	EB	9.0	10.1	2.8	7.8	A	12.6	B
	WB							
	NB	#N/A	9.3	3.4	8.2	A		
	SB	16.2	15.5	#N/A	16.0	B		
Southbound Service Drive Grand	EB						8.0	A
	WB	8.1	9.8	2.8	3.5	A		
	NB	14.3	14.7	#N/A	14.5	B		
	SB	#N/A	11.6	4.8	9.6	A		
Fort Post	EB	#N/A	0.0	0.3	0.0	A	0.0	A
	WB	1.0	0.2	#N/A	0.3	A		
	NB	4.9	#N/A	6.6	5.6	A		
	SB							

Intersection Level of Service: 2035 Alternative 02 (PM Peak)

Intersection Name	Appr.	Average Delay (sec/veh)				Approach LOS	Intersection Delay	Intersection LOS
		Left	Through	Right	Total Appr			
Fort Westend	EB	11.8	7.5	2.4	9.6	A	9.7	A
	WB	4.5	4.3	2.3	4.0	A		
	NB	13.2	14.3	14.8	14.4	B		
	SB	19.1	13.7	8.7	12.6	B		
Fort Green	EB	13.1	9.9	3.0	9.7	A	10.6	B
	WB	12.6	13.7	2.4	12.7	B		
	NB	9.4	11.4	3.4	7.3	A		
	SB	8.4	7.9	3.5	6.7	A		
Fort Waterman	EB	11.4	12.3	8.0	12.3	B	9.3	A
	WB	11.8	7.5	2.1	7.5	A		
	NB	18.7	9.1	0.0	11.9	B		
	SB	0.0	12.1	3.6	9.9	A		
Fort Livernois	EB	#N/A	11.7	9.2	11.6	B	14.3	B
	WB	28.1	19.8	#N/A	20.2	C		
	NB	0.0	#N/A	0.0	0.0	A		
	SB	9.3	8.6	6.9	8.6	A		
Fort Dragoon	EB	8.9	2.7	#N/A	4.4	A	8.2	A
	WB	#N/A	13.1	5.9	10.7	B		
	NB	3.8	16.2	3.8	10.7	B		
	SB							
Fort Junction	EB	15.9	14.3	4.1	14.0	B	10.2	B
	WB	0.1	10.6	2.4	9.4	A		
	NB	13.1	9.4	9.5	9.5	A		
	SB	11.8	10.5	2.0	6.5	A		
Northbound Service Drive Junction	EB	#N/A	0.5	1.0	0.6			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	#N/A	6.2	6.2			
	SB	#N/A	#N/A	#N/A	#N/A			
Fort Clark	EB	7.9	6.2	1.1	6.2	A	13.0	B
	WB	12.8	9.6	18.8	12.9	B		
	NB	25.0	22.1	3.6	16.2	B		
	SB	20.6	17.0	17.9	19.0	B		
Lafayette Junction	EB	#N/A	#N/A	#N/A	#N/A			
	WB	#N/A	0.0	0.0	0.0			
	NB	#N/A	#N/A	#N/A	#N/A			
	SB	#N/A	#N/A	8.5	8.5			
Southbound Service Drive Livernois	EB						6.2	A
	WB	3.7	4.0	#N/A	3.9	A		
	NB							
	SB	#N/A	9.7	6.9	8.5	A		
Southbound Service Drive Dragoon	EB						10.6	B
	WB	#N/A	14.5	4.4	13.0	B		
	NB	15.8	5.7	#N/A	6.9	A		
	SB							
Southbound Service Drive Waterman	EB	#N/A	#N/A	#N/A	#N/A			
	WB	#N/A	0.3	0.3	0.3			
	NB	#N/A	#N/A	#N/A	#N/A			
	SB	#N/A	#N/A	17.0	17.0			
Northbound Service Drive Livernois	EB	#N/A	16.3	4.0	15.4	B	10.1	B
	WB							
	NB							
	SB	7.5	6.8	#N/A	7.1	A		
Northbound Service Drive Dragoon	EB	12.5	9.6	#N/A	10.3	B	11.5	B
	WB							
	NB	#N/A	13.7	15.0	13.8	B		
	SB							
Northbound Service Drive Waterman	EB	#N/A	0.0	3.7	0.0			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	#N/A	5.2	5.2			
	SB	#N/A	#N/A	#N/A	#N/A			
Southbound Service Drive Green	EB	#N/A	#N/A	#N/A	#N/A			
	WB	12.8	13.9	12.4	13.0			
	NB	13.5	17.9	#N/A	17.1			
	SB	#N/A	10.3	10.2	10.2			
Southbound Service Drive Springwells	EB						12.1	B
	WB	16.0	22.8	7.5	16.8	B		
	NB	10.6	2.8	#N/A	4.3	A		
	SB	#N/A	16.3	3.9	12.7	B		
Northbound Service Drive Westend	EB	17.1	18.3	4.1	16.7	B	14.0	B
	WB							
	NB	#N/A	15.9	10.0	14.0	B		
	SB	13.0	10.5	#N/A	11.0	B		
Northbound Service Drive Green	EB	8.4	8.7	6.2	8.5			
	WB	#N/A	#N/A	#N/A	#N/A			
	NB	#N/A	9.3	7.5	9.1			
	SB	8.3	8.7	#N/A	8.7			
Northbound Service Drive Clark	EB	36.5	50.9	4.5	45.1	D	24.9	C
	WB							
	NB	#N/A	10.3	6.3	8.7	A		
	SB	8.3	5.1	#N/A	6.8	A		
Southbound Service Drive Clark	EB						13.7	B
	WB	30.6	27.0	9.2	18.1	B		
	NB	4.0	7.8	#N/A	6.3	A		
	SB	#N/A	15.6	3.7	12.0	B		
Fort Grand	EB	4.7	2.2	0.4	2.4	A	5.0	A
	WB	3.9	4.4	7.1	4.5	A		
	NB	31.5	26.1	11.9	27.8	C		
	SB	29.3	30.0	4.7	24.5	C		
Northbound Service Drive Grand	EB	8.8	12.0	4.2	9.3	A	10.7	B
	WB							
	NB	#N/A	9.2	3.7	7.6	A		
	SB	14.6	15.3	#N/A	14.9	B		
Southbound Service Drive Grand	EB						6.5	A
	WB	5.7	7.9	3.1	3.5	A		
	NB	13.2	12.8	#N/A	13.0	B		
	SB	#N/A	10.1	3.3	8.9	A		
Fort Post	EB	#N/A	0.0	0.0	0.0	A	0.2	A
	WB	6.6	0.2	#N/A	0.2	A		
	NB	6.7	#N/A	7.6	7.3	A		
	SB							