

Nutley Street Entrance

DEMAND ANALYSIS

Current State									Future State			
Drop-off (Morning 7:45-8:15)									Drop-off (Morning 7:45-8:15)			
Average Processing Time (sec/vehicle)	180					Average	Low	High	Time	Average	Low	High
Date	10/1/2025	10/2/2025	10/7/2025	10/8/2025	10/14/25							
pre-7:45	1	4	5			3	1	5	pre-7:45	5	1	7
7:45-7:50	4	5	4			4	4	5	7:45-7:50	6	6	7
7:50-7:55	9	10	3			7	3	10	7:50-7:55	11	4	15
7:55-8:00	9	14	10			11	9	14	7:55-8:00	16	13	21
8:00-8:05	10	15	12			12	10	15	8:00-8:05	18	15	22
8:05-8:10	15	11	11			12	11	15	8:05-8:10	18	16	22
8:10-8:15	12	9	12			11	9	12	8:10-8:15	16	13	18
post 8:15	3	0	6			3	0	6	post 8:15	4	0	9
Total # of vehicles	63	68	63	NA	NA	65			Total # of vehicles	95		
Pick-up (Afternoon 3:00-3:45pm)									Pick-up (Afternoon 3:00-3:45pm)			
Average Processing Time (sec/vehicle)	300					Average	Low	High		Average	Low	High
3:00-3:05	0	0	0	0	0	0	0	0	3:00-3:05	0	0	0
3:05-3:10	5	2	0	0	0	1	0	5	3:05-3:10	2	0	7
3:10-3:15	2	6	10	0	4	4	0	10	3:10-3:15	6	0	15
3:15-3:20	8	8	5	8	5	7	5	8	3:15-3:20	10	7	12
3:20-3:25	8	6	5	7	9	7	5	9	3:20-3:25	10	7	13
3:25-3:30	10	8	9	7	6	8	6	10	3:25-3:30	12	9	15
3:30-3:35	10	2	7	8	2	6	2	10	3:30-3:35	9	3	15
3:35-3:40	7	1	5	6	6	5	1	7	3:35-3:40	7	1	10
3:40-3:45	5	6	3	3	3	4	3	6	3:40-3:45	6	4	9
Total # of vehicles	55	39	44	39	35	42			Total # of vehicles	62		
Walkers/Bikers	4	2	3			3			Max Future Students @ 225 cap	160		Lower & Middle School only
Children of faculty	2	2	2	3		2			Current Students (October 2025)	109		excludes walkers/faculty children
									Gross up Factor	1.47		

CAPACITY ANALYSIS

	Current	Future	Notes
Processing time			
drop-off	180	180	sec/car
dismissal	300	300	sec/car
Vehicle Stacking			
drop-off	30	54	
dismissal	30	54	
Vehicles/5 min Increment			
Drop-off	50	90	
Dismissal	30	54	

Windover Avenue Entrance

DEMAND ANALYSIS

Current State											Future State			
Drop-off (Morning 7:45-8:15)											Drop-off (Morning 7:45-8:15)			
Average Processing Time (sec/vehicle)	270							Average	Low	High	Time	Average	Low	High
Date	10/1/2025	10/2/2025	10/3/2025	10/6/2025	10/8/2025	10/9/2025	10/14/25							
pre-7:45			0	0	0	0	0	0	0	0	pre-7:45	0	0	0
7:45-7:50			0	0	20	0	0	0	0	0	7:45-7:50	0	0	0
7:50-7:55			0	0	0	0	0	0	0	0	7:50-7:55	0	0	0
7:55-8:00			5	0	10	7	4	5	0	10	7:55-8:00	6	0	12
8:00-8:05			7	17	9	7	7	9	7	17	8:00-8:05	12	9	21
8:05-8:10			10	12	5	12	13	10	5	13	8:05-8:10	13	6	16
8:10-8:15			10	6	11	5	8	8	5	11	8:10-8:15	10	6	13
post 8:15			2	0	0	1	1	1	0	2	post 8:15	1	0	2
Total # of vehicles			34	35	55	32	33	34			Total # of vehicles	41		
Pick-up (Afternoon 2:55-3:20pm)											Pick-up (Afternoon 2:55-3:20pm)			
Average Processing Time (sec/vehicle)	300							Average	Low	High		Average	Low	High
2:55-3:00	8	5				6		6	5	8	2:55-3:00	8	6	10
3:00-3:05	3	4				3		3	3	4	3:00-3:05	4	4	5
3:05-3:10	5	6				4		5	4	6	3:05-3:10	6	5	7
3:10-3:15	1	4				3		3	1	4	3:10-3:15	3	1	5
3:15-3:20	0	1				0		0	0	1	3:15-3:20	0	0	1
Total # of vehicles	17	20				16		18			Total # of vehicles	22		
Walkers/Strollers			1	0	0	2	1	1			Max Future Students @ 225 cap	65		Montessori only
											Current Students (October 2025)	53		excludes walkers/ faculty children
											Gross up Factor	1.23		

CAPACITY ANALYSIS

	Current	Future	Notes
Processing time			
drop-off	270	210	sec/car
dismissal	300	300	sec/car
Vehicle Stacking			
drop-off	14	18	
dismissal	14	18	
Vehicles/5 min Increment			
Drop-off	16	26	
Dismissal	14	18	