	Type: **Urban Charter**						Version:		102816		

MSTA School Queue Input — Calculations

Grade Level	Student Population	Number of Buses	Staff Members	Student Drivers	PM Total Vehicles	PM Peak Vehicles	Average Queue Length	Total AM Trips	Total PM Trips	High Demand Length
K - 10	75		12		30	15	**333**	96	72	**433**
11th	37		6		18	9	**200**	45	42	**260**
12th	22		6	16	5	3	**68**	28	32	**90**

	1st Arrival Length	2nd Arrival Length
	433	
		350
	ADT	
	168	

Grade K-10

Direction	AM Trips Generated				PM Trips Generated			
	Parents	Buses	Staff	Trips	Parents	Buses	Staff	Trips
IN	42	0	12	54	30			30
OUT	42			42	30	0	12	42
	AM K-10 Trips		**96**		PM K-10 Trips		**72**	

Grade 11

Direction	AM Trips Generated					PM Trips Generated				
	Parents	Buses	Staff		Trips	Parents	Buses	Staff		Trips
IN	20	0	6	0	26	18				18
OUT	20				20	18	0	6	0	24
	AM 11th Trips		**45**			PM 11th Trips		**42**		

87

Grade 12

Direction	AM Trips Generated					PM Trips Generated				
	Parents	Buses	Staff		Trips	Parents	Buses	Staff		Trips
IN	19	0	6	0	25	19				19
OUT	19				19	19	0	6	0	25
	AM 12th Trips		**44**			PM 12th Trips		**44**		

88

All AM TRIPS	In	105
	Out	81
	Total	185

All PM TRIPS	In	67
	Out	91
	Total	158

343

DRIVEWAY DISTRIBUTION			
Irving Entrance 70%		**Ventana Entrance 30%**	
1st Arrival Length	**2nd Arrival Length**	**1st Arrival Length**	**2nd Arrival Length**
303		130	
	245		105