

Hubble School Traffic Study

February 8, 2010

Morning Peak Hours 7:30–8:30am

	Sept. 2007	Oct. 2009#	Projected 2011*
S/B Herrick Road	500	-	535
N/B Herrick Road	530	-	565
E/B Galusha Road	95	91 (-4)	100
W/B Galusha Road	50	24 (-26)	55
E/B Warrenville Road	1,125	-	1,250
W/B Warrenville Road	770	-	820

*Volumes proposed using Trip Generation 7th edition based on both Hubble Middle School and Kingsland Residential Development being built.

Totals obtained during Construction period.

End of School 2:30pm

	Sept. 2007	Oct. 2009#	Projected 2011*
S/B Herrick Road	340	-	365
N/B Herrick Road	285	-	305
E/B Galusha Road	45	16 (-29)	40
W/B Galusha Road	40	19 (-21)	40
E/B Warrenville Road	295	-	315
W/B Warrenville Road	735	-	785

*Volumes proposed using Trip Generation 7th edition based on both Hubble Middle School and Kingsland Residential Development being built.

Totals obtained during Construction period.

Evening Peak Hours 4:45–5:45pm

	Sept. 2007	Oct. 2009#	Projected 2011*
S/B Herrick Road	605	-	645
N/B Herrick Road	560	-	600
E/B Galusha Road	70	63 (-7)	75
W/B Galusha Road	85	107 (+22)	90
E/B Warrenville Road	950	-	1,015
W/B Warrenville Road	1,515	-	1,620

*Volumes proposed using Trip Generation 7th edition based on both Hubble Middle School and Kingsland Residential Development being built.

Totals obtained during Construction period.

Traffic Study Data – 2009

- ▶ From July through December there have been no traffic accidents reported on Galusha Road in the area of Hubble School.
- ▶ The mean vehicle speed during the evaluation period was 33 mph in the posted 30mph zone.

Traffic Study Data – 2009

- ▶ During the half hour before and after school the mean vehicle speed was 36 mph.
- ▶ However during the evaluation period the students were being bused to school due to the area being under construction. All school speed limit signs indicate children must be present for the limit to lower to 20mph.

Traffic Study Data – 2009

- › From July through December there have been 61 documented traffic enforcement details conducted by members of patrol. During those details and regular patrol duties the following the following stops were made:

	Tickets	Warnings
Speeding	16	4
Disobeyed Sign	32	16
Other	2	1
Totals	50	21

Recommendations

- › Obtain traffic counts in April 2010:
 - a) mirror intersection information provided by James J. Benes and Associates Inc.
 - b) account for student walking to and from school along Galusha Road.
 - c) determine what, if any change in signage, traffic enforcement, or engineering should be considered.