

Item 5.J. – School Speed Zone for
Harmony Science Academy

July 10, 2018

School Speed Zones

- Intended for where children cross or are likely to cross a street but may not have the cognizance to do so safely
- Request received from Harmony Science Academy (HSA) to consider a school speed zone along S. Texas Ave. (Bus. 6)
- Findings:
 - Motorists ***not*** in reasonable conformance with 40 MPH speed limit
 - Inadequate number of gaps in traffic stream for pedestrians to cross
 - Children observed crossing with parents but not in physical contact

HSA School Speed Zone Study

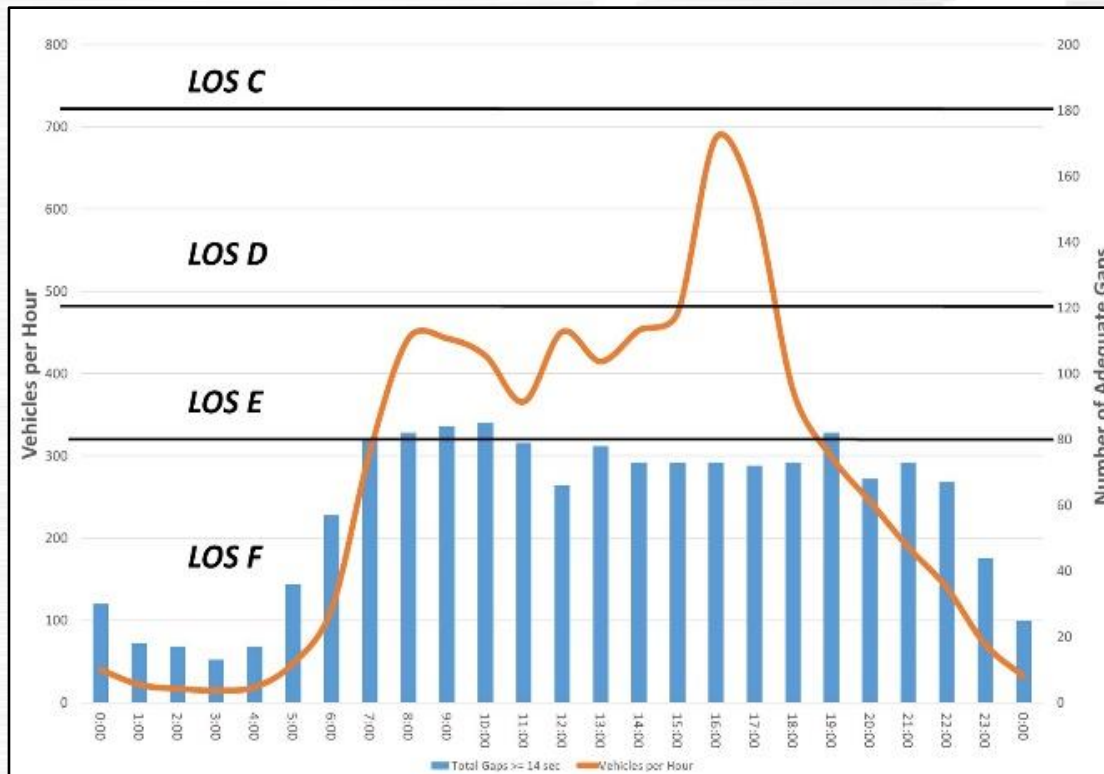
- Study conducted February-April 2018

Traffic Data Summary for S. Texas Ave. at HSA						
<i>Time Period</i>	<i>85%ile Speeds, MPH</i>		<i>Volumes, Vehicles</i>		<i>Percent Trucks</i>	
	NB	SB	NB	SB	NB	SB
24 Hours	44	43	10,246	10,634	6.0%	4.0%
7:00 to 9:00 AM	43	43	630	1,020	7.3%	4.5%
2:00 to 4:00 PM	43	42	1,673	1,049	6.8%	4.1%

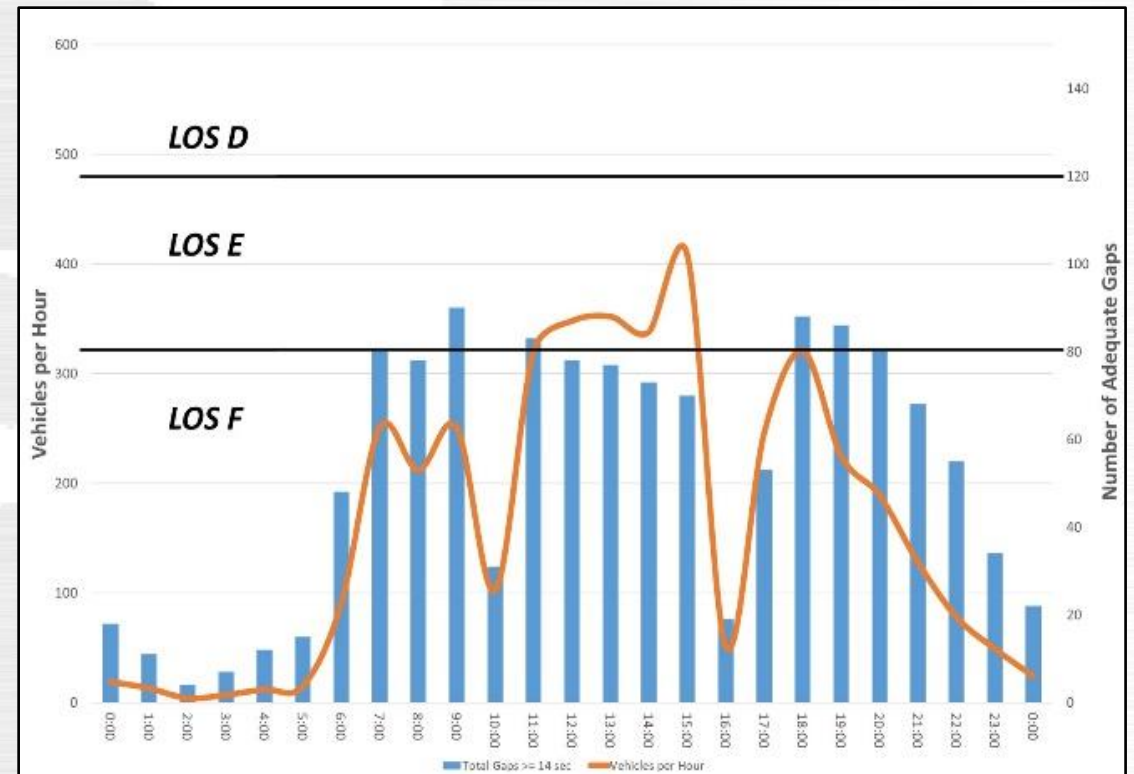
Speed Limit = 40 MPH

HSA School Speed Zone Study

- Acceptable Pedestrian Crossing Gaps per Hour vs. Vehicular Volumes



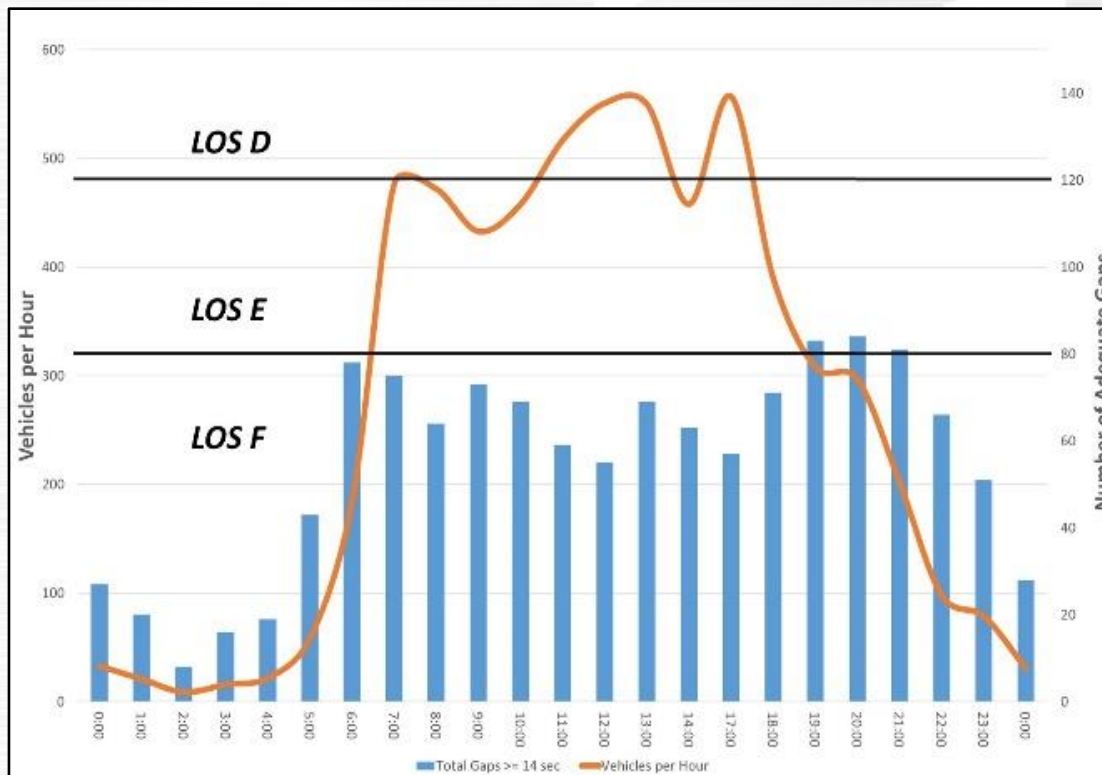
Northbound Inside Lane



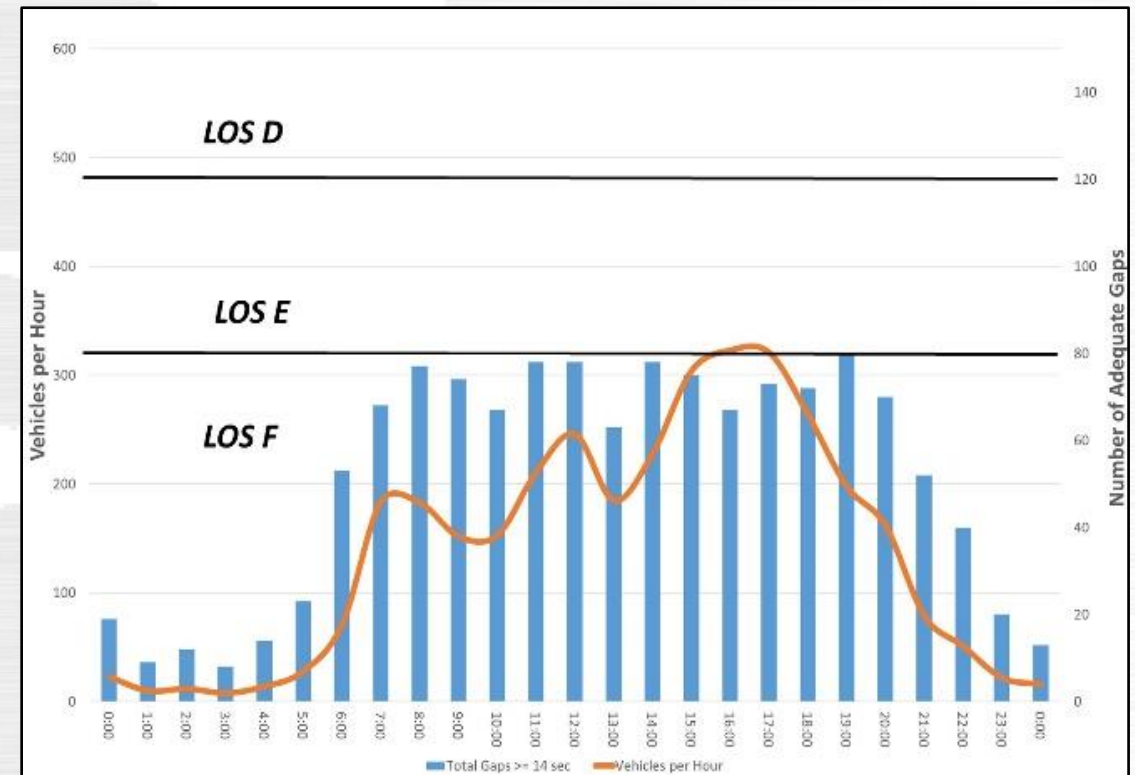
Northbound Outside Lane

HSA School Speed Zone Study

- Acceptable Pedestrian Crossing Gaps per Hour vs. Vehicular Volumes



Southbound Inside Lane



Southbound Outside Lane

HSA School Speed Zone Study

- Children crossing S. Texas Ave.



Prior to start of school



Following dismissal

HSA School Speed Zone Study

- Recommendations:
 - Implement 20 MPH School Speed Limit:
 - 7:10 to 8:10 AM and 2:45 to 3:45 PM
 - S. Texas Ave.
 - Twin Blvd.
 - Bywood St.

