

ADULT CROSSING GUARD RE-EVALUATION / STUDY REPORT

The Traffic Engineering Division has completed the evaluation of eight (8) intersections located in the vicinity of elementary schools where the assignment of adult crossing guards had been previously made. The purpose of the study is to determine whether these intersections continue to satisfy the requirements and conditions for the assignment of adult crossing guards given current traffic and pedestrian volumes.

For evaluation purposes, the adult crossing guard warrants as defined in the Chapter 10.68 of the Long Beach Municipal code were applied to study the intersections and determine if they could be identified as hazardous for elementary student crossings. All intersections were reviewed by identifying special problems for children to be assisted in crossing the street, such as intersection complications, heavy traffic, and reasonable stopping sight distance for drivers from the crosswalks. In this study, all reviewed intersections are provided with traffic signal controls; therefore, especial consideration was given to the signal controlled crossings on the route to school warrant.

The signal controlled crossings on the route school warrant reads as follow:

“At traffic signals where potentially conflicting vehicular turning movements through the crosswalk where children are crossing must exceed the average rate of ten (10) vehicles per minute of signal green time, taken over a period of at least fifteen (15) minutes of signal green time, during any period when children are required to go to or from school.”

Intersections evaluated:

4th St / Junipero Ave, Burbank Elementary School (CD, 2)

Intersection Traffic Control / Intersection Geometry: Signal Light / Four-Leg Crosswalk

Observation Period / Date: 7:00 AM – 8:00 AM / 6-10-2015

Of Pedestrian Crossing: 59

Children Elementary / # Children Middle / # Adults: 35 / 5 / 22

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 17 Accidents, 1 Accident Involved a Pedestrian, no School Related

For Pedestrian Crossing Pattern See Exhibit # 1

Staff Comments: Light Number of Turning Vehicles at Crosswalks, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

Bellflower Blvd / Monlaco Rd, Burcham Elementary School (CD, 5)

Intersection Traffic Control / Intersection Geometry: Signal Light / Four-Leg Crosswalk

Observation Period / Date: 7:00 AM – 8:00 AM / 6-9-2015

Of Pedestrian Crossing: 18

Children Elementary / # Children Middle / # Adults: 12 / 0 / 6

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 5 Accidents, no Pedestrian Involvement

For Pedestrian Crossing Pattern See Exhibit # 2

Staff Comments: Light Number of Children Crossing, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

Metz St / Palo Verde Ave, Cubberly Elementary & Middle School (CD, 5)

Intersection Traffic Control / Intersection Geometry: Signal Light / Four-Leg Crosswalk

Observation Period / Date: 8:00 AM – 9:00 AM / 6-4-2015

Of Pedestrian Crossing: 19

Children Elementary / # Children Middle / # Adults: 5 / 12 / 2

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 5 Accidents, No Pedestrian Involved

For Pedestrian Crossing Pattern See Exhibit # 3

Staff Comments: Light Number of Children Crossing, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

Daisy Ave / Del Amo Blvd, Lindsey Perry Middle School (CD, 8)

Intersection Traffic Control / Intersection Geometry: Signal Light / Jagged- 3-Leg Crosswalk

Observation Period / Date: 7:30 AM – 9:00 AM / 6-3-2015

Of Pedestrian Crossing: 91

Children Elementary / # Children Middle / # Adults: 30 / 57 / 14

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 34 Accidents, 2 Involved a Pedestrian, 1 Occurred during Morning School Drop-off Hour

For Pedestrian Crossing Pattern See Exhibit # 4

Staff Comments: High Number of Children Crossing, Most Elementary Aged Children were Observed Walking with an Adult Companion, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

51st St / Long Beach Blvd, Dooley Elementary School (CD, 8)

Intersection Traffic Control / Intersection Geometry: Signal Light / "T" Shaped - 2-Leg Crosswalk

Observation Period / Date: 8:00 AM – 9:00 AM / 6-5-2015

Of Pedestrian Crossing: 294

Children Elementary / # Children Middle / # Adults: 188 / 27 / 90

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 7 Accidents, 1 involved a Pedestrian, no School Child

For Pedestrian Crossing Pattern See Exhibit # 5

Staff Comments: Heavy Number of Elementary School Aged Children Crossing, observed Walking in Groups with Adult Companions, no Major Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

Palo Verde Ave / Willow St, Emerson Elementary School (CD, 5)

Intersection Traffic Control / Intersection Geometry: Signal Light / Four-Leg Crosswalk

Observation Period / Date: 8:00 AM – 9:00 AM / 6-2-2015

Of Pedestrian Crossing: 88

Children Elementary / # Children Middle / # Adults: 40 / 31 / 17

Of Vehicles Conflicting Per/ Green Cycle: None
Of Accidents/ Last 5 Years: 42 Accidents, 2 Involved Pedestrian, no School Children

For Pedestrian Crossing Pattern See Exhibit # 6

Staff Comments: Fair Number of Children Crossing on all directions, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

Pacific Ave / Willow St, Lafayette Elementary School (CD, 6)

Intersection Traffic Control / Intersection Geometry: Signal Light / Four-Leg Crosswalk

Observation Period / Date: 8:00 AM – 9:00 AM / 6-8-2015

Of Pedestrian Crossing: 43

Children Elementary / # Children Middle / # Adults: 21/ 7/ 18

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 58 Accidents, 6 Involved a Pedestrian, no School Children
Related

For Pedestrian Crossing Pattern See Exhibit # 7

Staff Comments: Light Number of Children Crossing, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

Arbor Rd / Clark Ave, Twain Elementary (CD, 5)

Intersection Traffic Control / Intersection Geometry: Signal Light / Four-Leg Crosswalk

Observation Period / Date: 7:00 AM – 8:00 AM / 6-8-2015

Of Pedestrian Crossing: 61

Children Elementary / # Children Middle / # Adults: 9 / 32/ 20

Of Vehicles Conflicting Per/ Green Cycle: None

Of Accidents/ Last 5 Years: 10 Accidents, 2 Involved Pedestrians, but not School Children

For Pedestrian Crossing Pattern See Exhibit # 8

Staff Comments: Light Number of Children Crossing, no Conflicts Observed

Staff Recommendation: Crossing Guard not Warranted; Remove Assignment

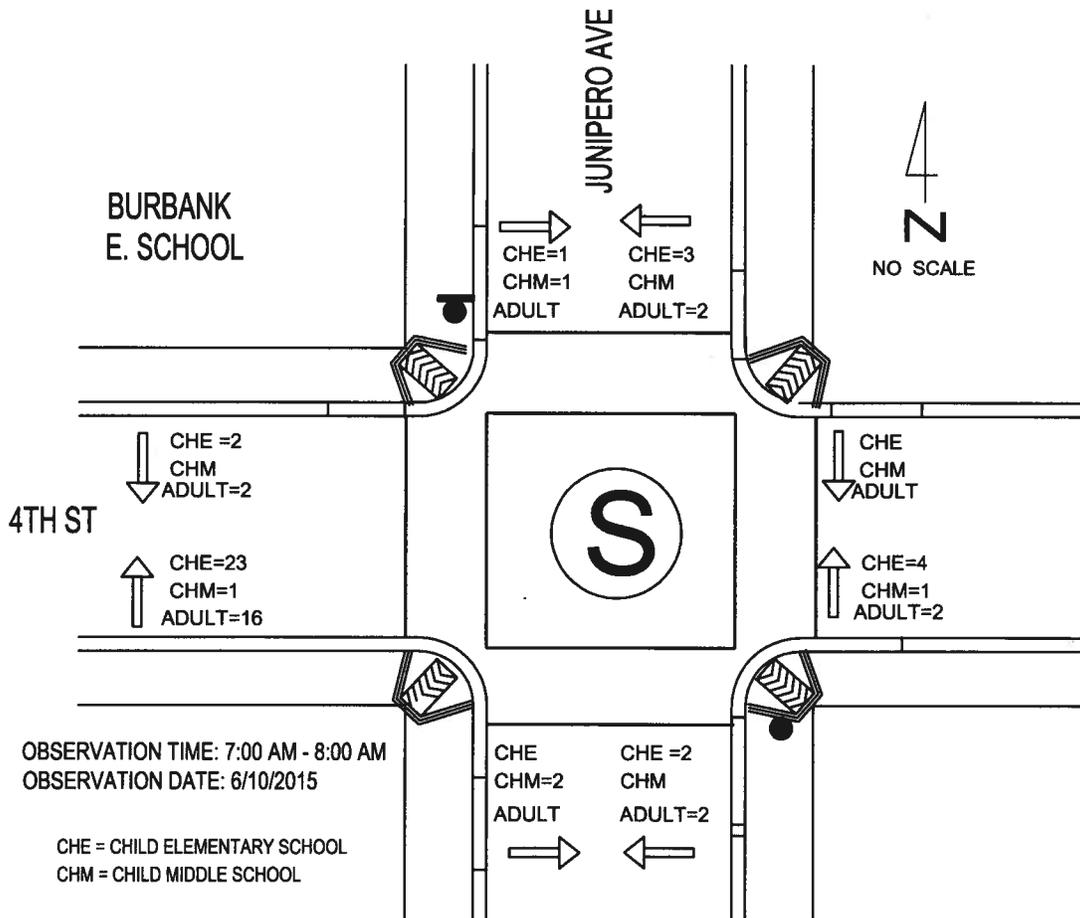


EXHIBIT 1

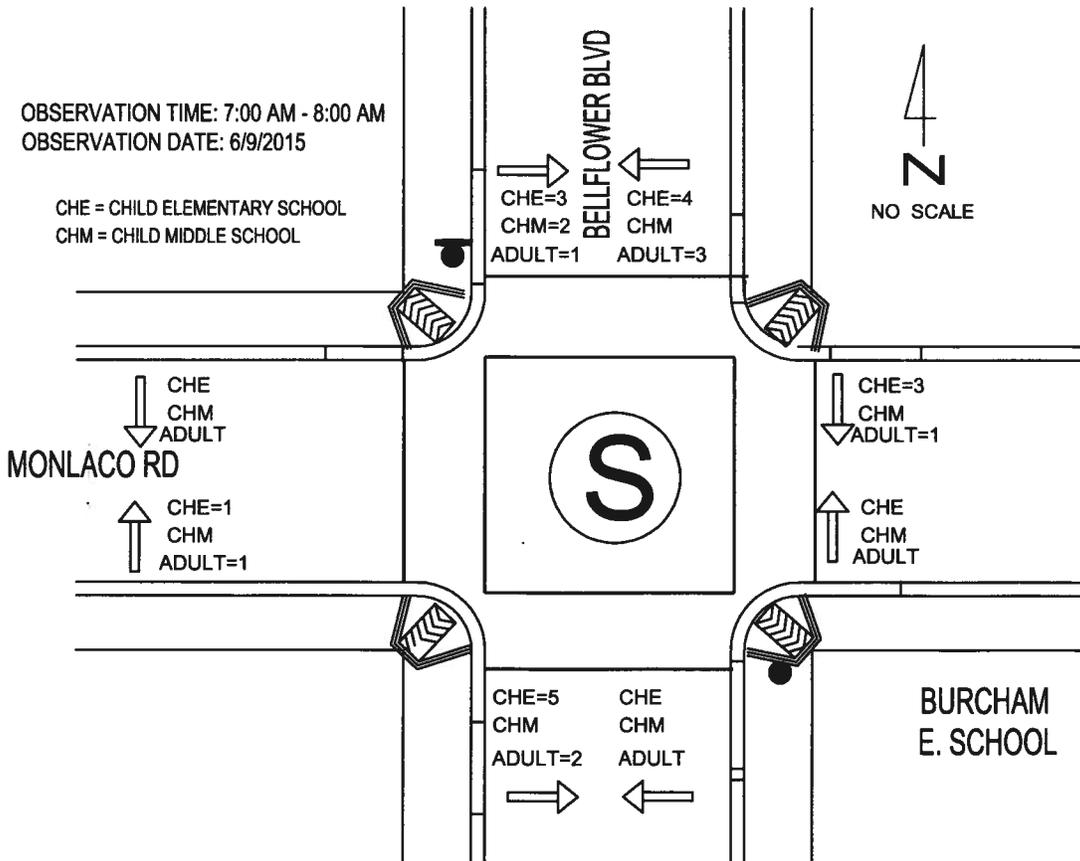


EXHIBIT 2

OBSERVATION TIME: 8:00 AM- 9:00 AM
OBSERVATION DATE: 6/4/2015

CHE = CHILD ELEMENTARY SCHOOL
CHM = CHILD MIDDLE SCHOOL

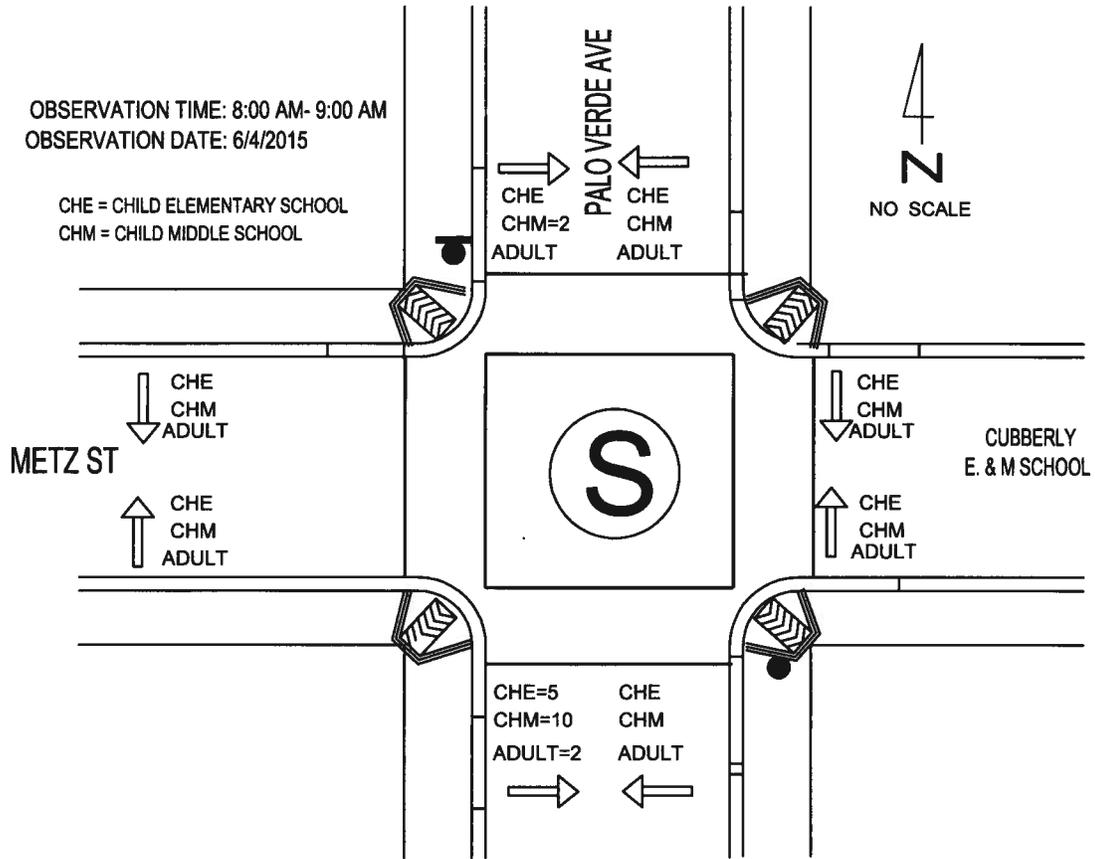
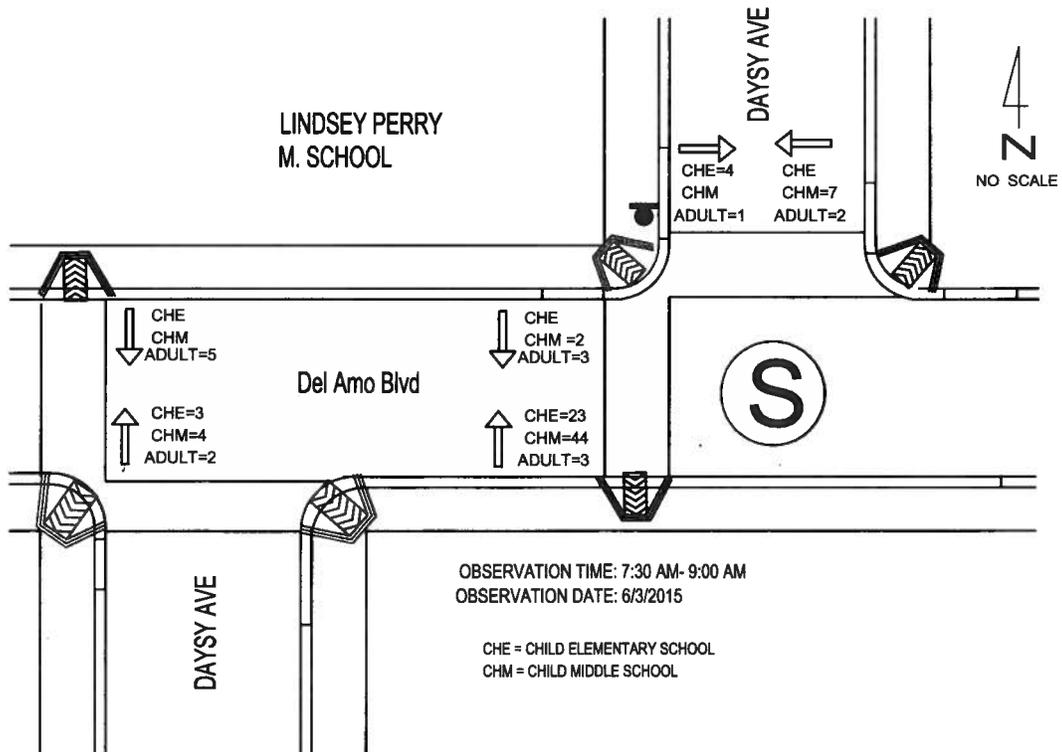


EXHIBIT 3



OBSERVATION TIME: 7:30 AM- 9:00 AM
OBSERVATION DATE: 6/3/2015

CHE = CHILD ELEMENTARY SCHOOL
CHM = CHILD MIDDLE SCHOOL

EXHIBIT 4

OBSERVATION TIME: 8:00 AM- 9:00 AM
OBSERVATION DATE: 6/5/2015

CHE = CHILD ELEMENTARY SCHOOL
CHM = CHILD MIDDLE SCHOOL

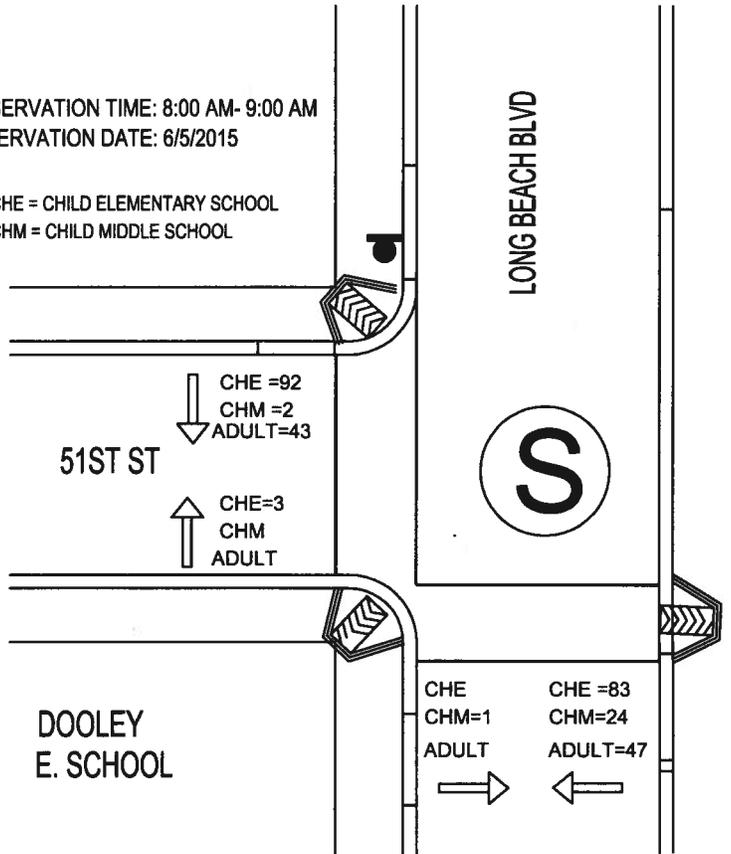


EXHIBIT 5

OBSERVATION TIME: 8:00 AM - 9:00 AM
OBSERVATION DATE: 6/2/2015

CHE = CHILD ELEMENTARY SCHOOL
CHM = CHILD MIDDLE SCHOOL

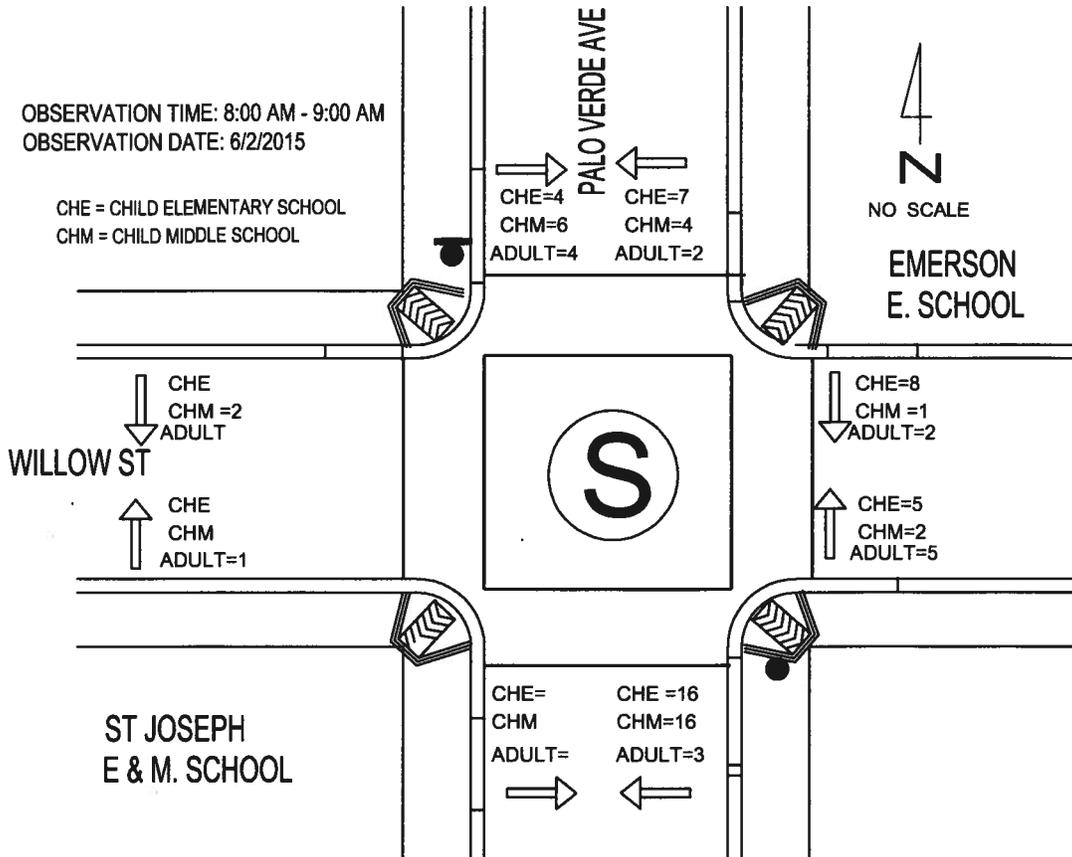


EXHIBIT 6

OBSERVATION TIME: 8:00 AM - 9:00 AM
 OBSERVATION DATE: 6/8/2015

CHE = CHILD ELEMENTARY SCHOOL
 CHM = CHILD MIDDLE SCHOOL

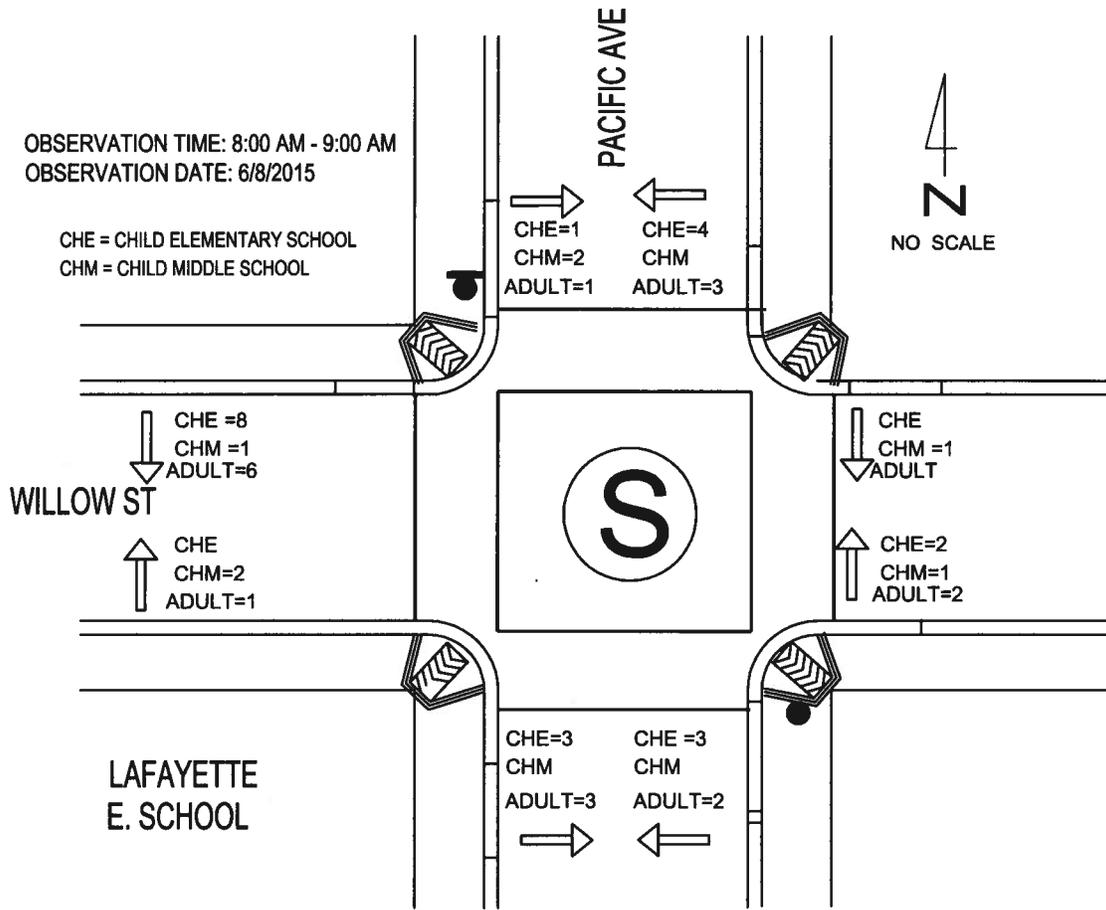


EXHIBIT 7

OBSERVATION TIME: 7:00 AM - 8:00 AM
 OBSERVATION DATE: 6/8/2015

CHE = CHILD ELEMENTARY SCHOOL
 CHM = CHILD MIDDLE SCHOOL

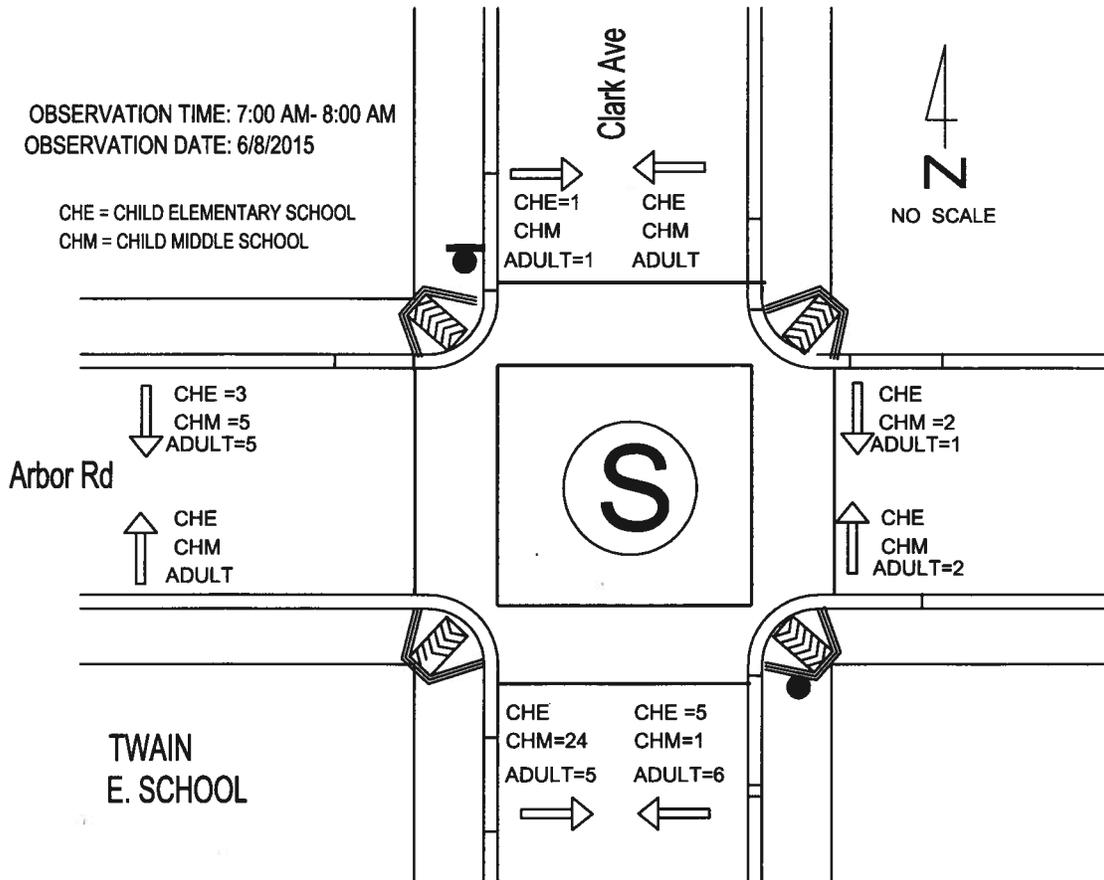


EXHIBIT 8