

ADULT CROSSING GUARD RE-EVALUATION / STUDY REPORT

The Traffic Engineering Division has completed the evaluation of five(5) 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, special consideration was given to the signal controlled crossings on the route to school warrant.

The signal controlled crossings on the route to 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:

Junipero Ave and 7th St, Burbank Elementary School (CD 2)

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

Observation Period / Date: 7:30 AM – 8:30 AM / 10-12-2016

Of Pedestrian Crossing: 55

Children Elementary / # Children Middle / # Adults: **23** / 1 / 31

Of Vehicles Conflicting Per Approach: None

Observation Period / Date: 2:00 PM – 3:00 PM / 10-12-2016

Of Pedestrian Crossing: 56

Children Elementary / # Children Middle / # Adults: **29** / 0 / 27

Of Vehicles Conflicting Per approach: None

Of Accidents/ Last 5 Years: 49 Accidents, 3 vehicle-pedestrian, not school related

For Pedestrian Crossing Pattern See Exhibit # 1 & 2

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

Staff Recommendation: Crossing Guard Assignment Not Warranted: **Remove Assignment**

Orange Ave and Hill St, Signal Hill Elementary School (Signal Hill)

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

Observation Period / Date: 7:30 AM – 8:30 AM / 9-13-2016

Of Pedestrian Crossing: 133

Children Elementary / # Children Middle / # Adults: **102** / 0/31

Of Vehicles Conflicting Per/ Approach: None

Observation Period / Date: 2:00 PM – 3:00 PM / 9-13-2016

Of Pedestrian Crossing: 120

Children Elementary / # Children Middle / # Adults: **96** / 0/ 24

Of Vehicles Conflicting Per approach: None

Of Accidents/ Last 5 Years: 12 Accidents, no-pedestrian involved

For Pedestrian Crossing Pattern See Exhibit # 3 & 4

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

Staff Recommendation: Crossing Guard Assignment Not Warranted: **Remove Assignment**

Atlantic Ave and Harding St, Bus collection for Powell Academy (CD 9)

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

Observation Period / Date: 7:30 AM – 8:45 AM / 9-20-2016

Of Pedestrian Crossing: 168

Children Elementary / # Children Middle / # Adults: **68**/ 53/47

Of Vehicles Conflicting Per/ Approach: None

Observation Period / Date: 2:00 PM – 3:00 PM / 9-20-2016

Of Pedestrian Crossing: 107

Children Elementary / # Children Middle / # Adults: **75** / 18/ 14

Of Vehicles Conflicting Per approach: None

Of Accidents/ Last 5 Years: 34 Accidents, 3 vehicle-pedestrian, not school related

For Pedestrian Crossing Pattern See Exhibit # 5 & 6

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

Staff Recommendation: Crossing Guard Assignment Not Warranted: **Remove Assignment**

Locust Ave and Market St, Adams Elementary (CD 8)

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

Observation Period / Date: 7:30 AM – 8:30 AM / 9-27-2016

Of Pedestrian Crossing: 119

Children Elementary / # Children Middle / # Adults: **77/ 1/41**

Of Vehicles Conflicting Per/ Approach: None

Observation Period / Date: 2:00 PM – 3:00 PM / 9-27/2016

Of Pedestrian Crossing: 153

Children Elementary / # Children Middle / # Adults: **106 / 8/ 39**

Of Vehicles Conflicting Per approach: None

Of Accidents/ Last 5 Years: 8 Accidents, 1 vehicle-pedestrian, not school related

For Pedestrian Crossing Pattern See Exhibit # 7 & 8

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

Staff Recommendation: Crossing Guard Assignment Not Warranted: **Remove Assignment**

Orange Ave and 20th St, Renaissance High School (CD 6), Former Butler Elementary

Intersection Traffic Control / Intersection Geometry: Signal-light / Three-Leg Crosswalk

Observation Period / Date: 7:30 AM – 8:30 AM / 10-4-2016

Of Pedestrian Crossing: 114

Children Elementary / # Children Middle / # Adults: **0/109/5**

Of Vehicles Conflicting Per/ Approach: None

Observation Period / Date: 2:30 PM – 3:30 PM / 10-4/2016

Of Pedestrian Crossing: 87

Children Elementary / # Children Middle / # Adults: **0 / 81/ 6**

Of Vehicles Conflicting Per approach: None

Of Accidents/ Last 5 Years: 16 Accidents, 1 vehicle-pedestrian, not school related

For Pedestrian Crossing Pattern See Exhibit # 9 & 10

Staff Comments: Light Number of Turning Vehicles at Crosswalks no Conflicts Observed, no elementary school aged children crossing

Staff Recommendation: Crossing Guard Assignment Not Warranted: **Remove Assignment**

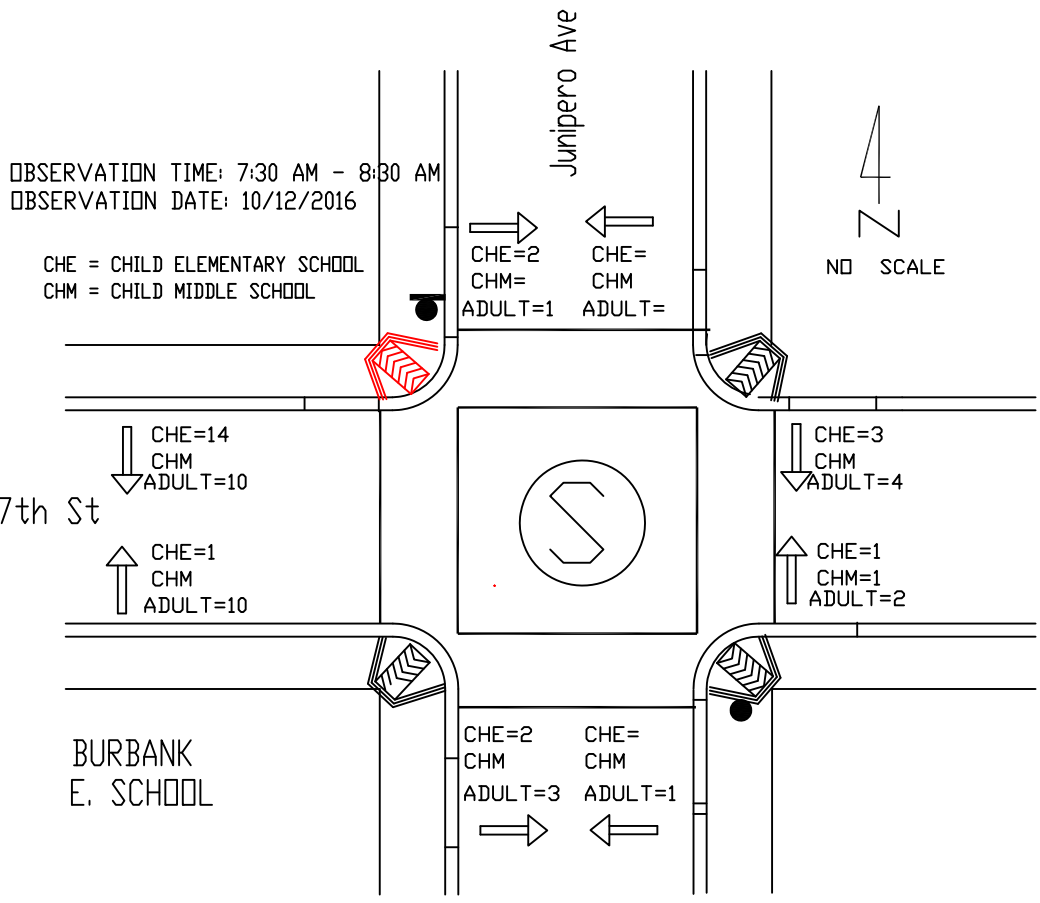


EXHIBIT 1

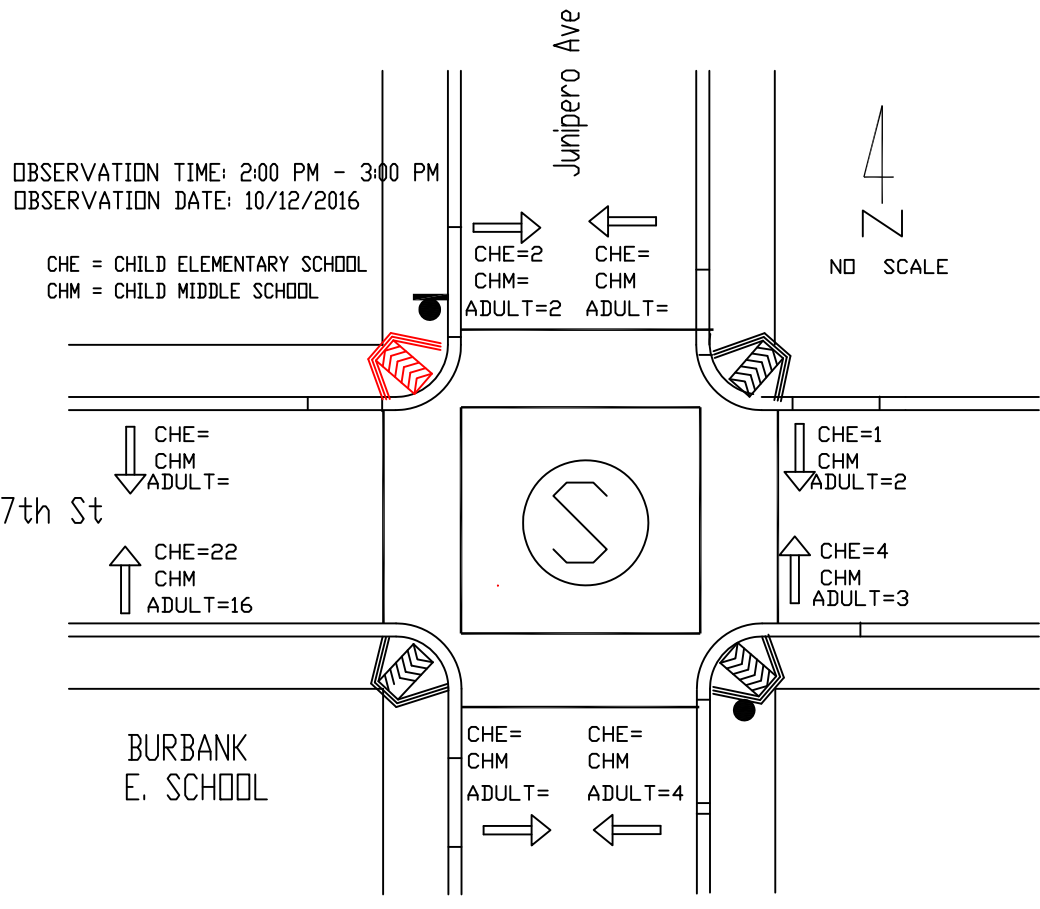


EXHIBIT 2

OBSERVATION TIME: 7:30 AM - 8:30 AM
OBSERVATION DATE: 9/13/2016

CHE = CHILD ELEMENTARY SCHOOL
CHM = CHILD MIDDLE SCHOOL

Hill St

Orange Ave

NO SCALE

SIGNAL HILL
E. SCHOOL

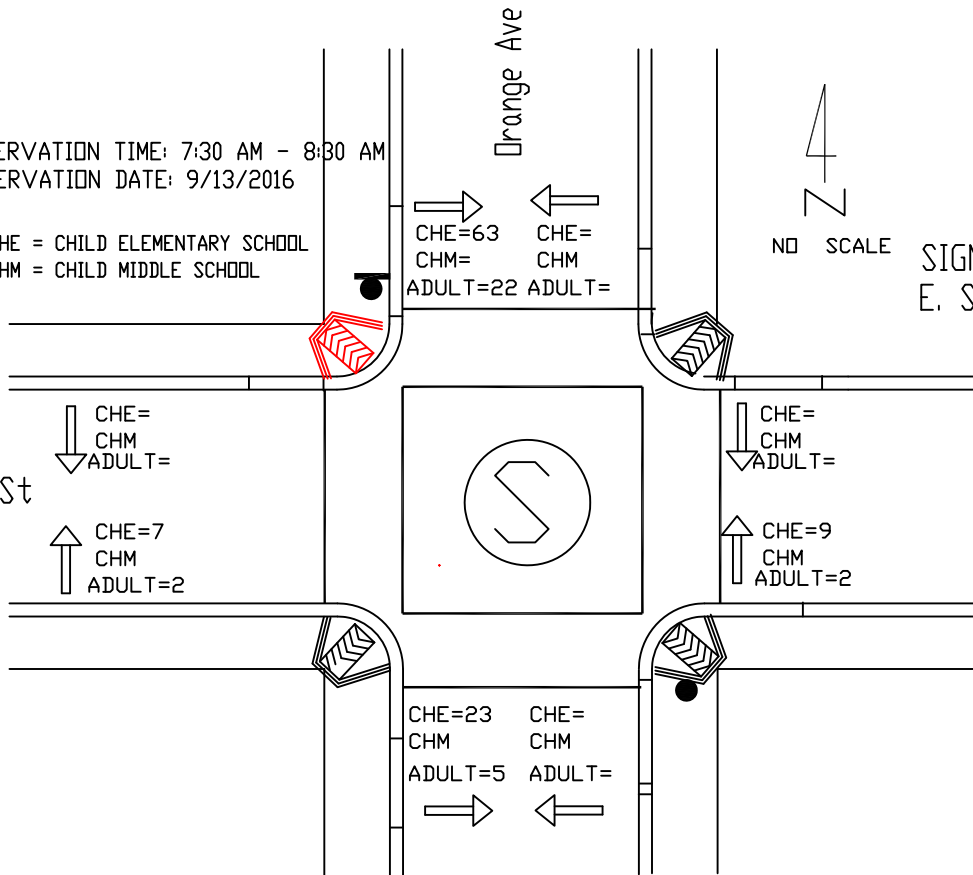


EXHIBIT 3

OBSERVATION TIME: 2:00 PM - 3:00 PM
OBSERVATION DATE: 9/13/2016

CHE = CHILD ELEMENTARY SCHOOL
CHM = CHILD MIDDLE SCHOOL

Hill St

Orange Ave

NO SCALE

SIGNAL HILL
E. SCHOOL

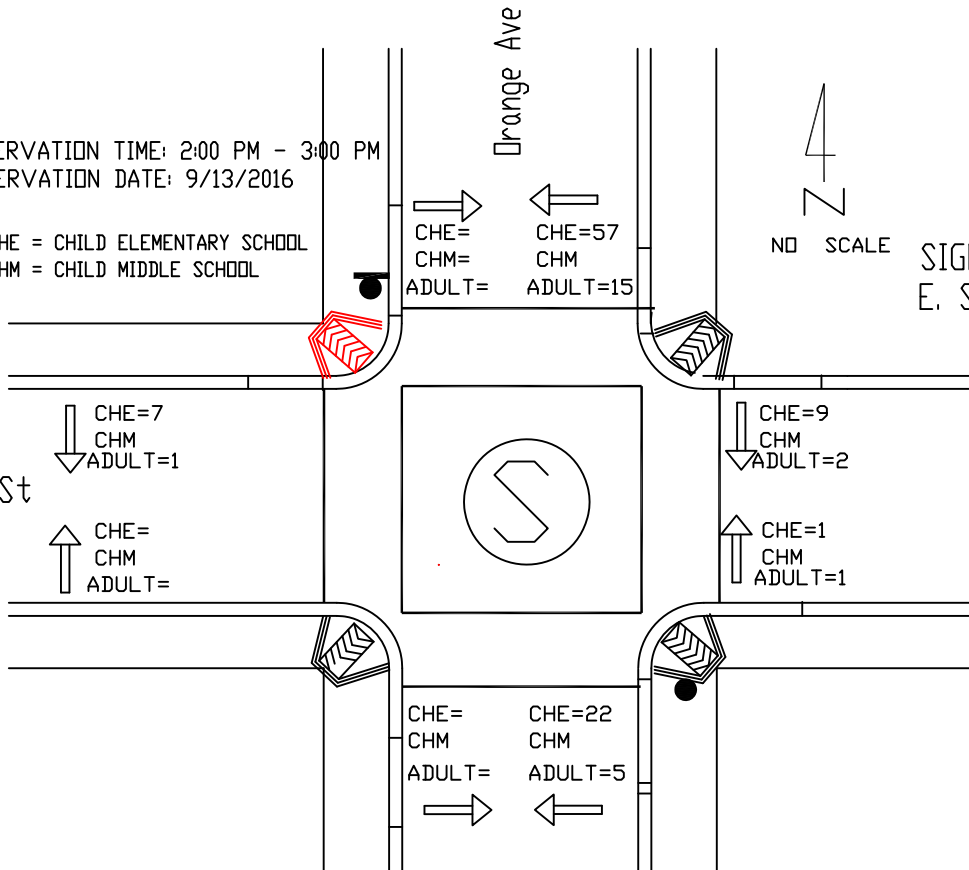


EXHIBIT 4

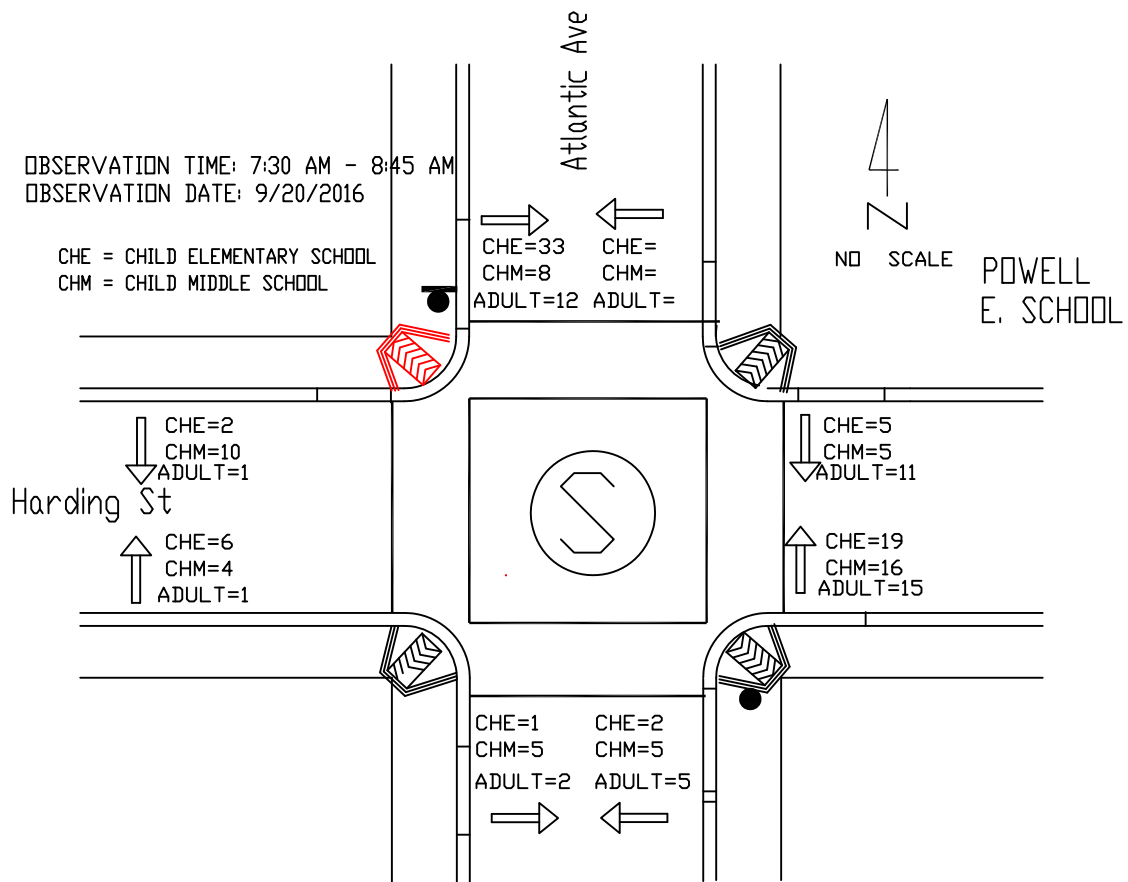


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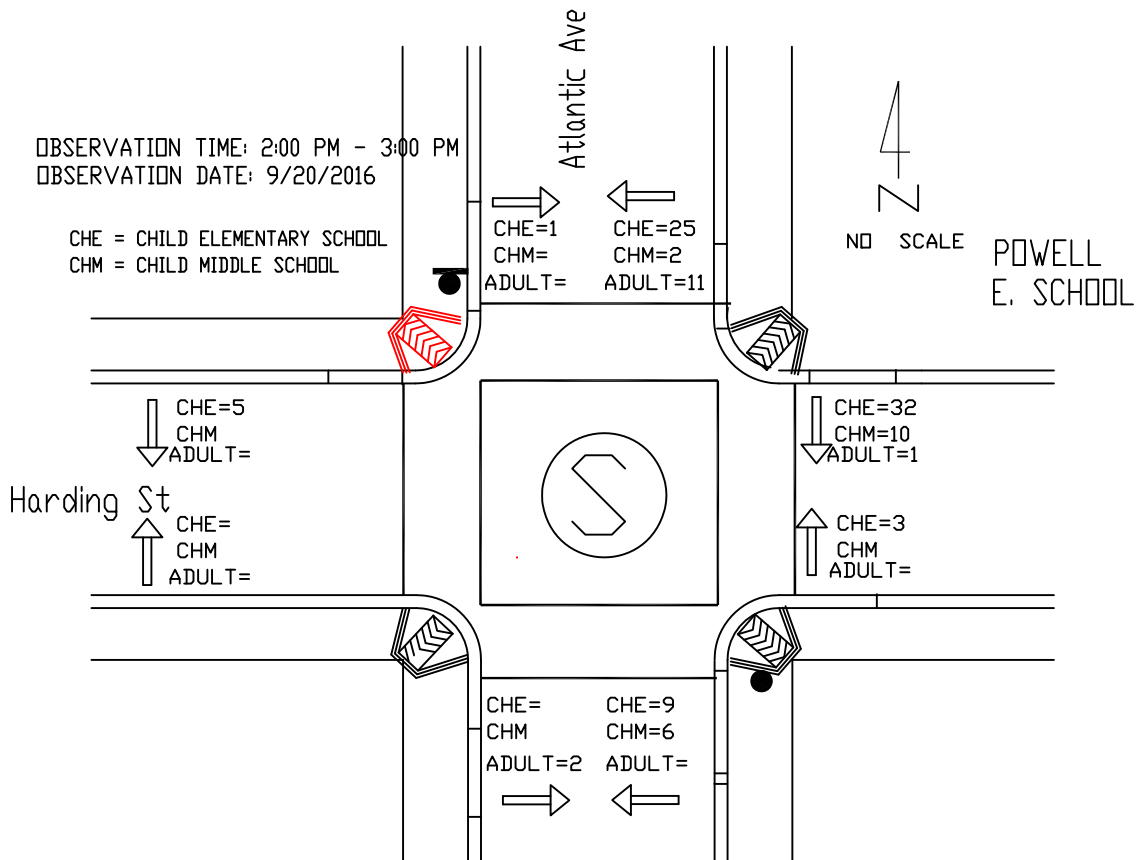


EXHIBIT 6

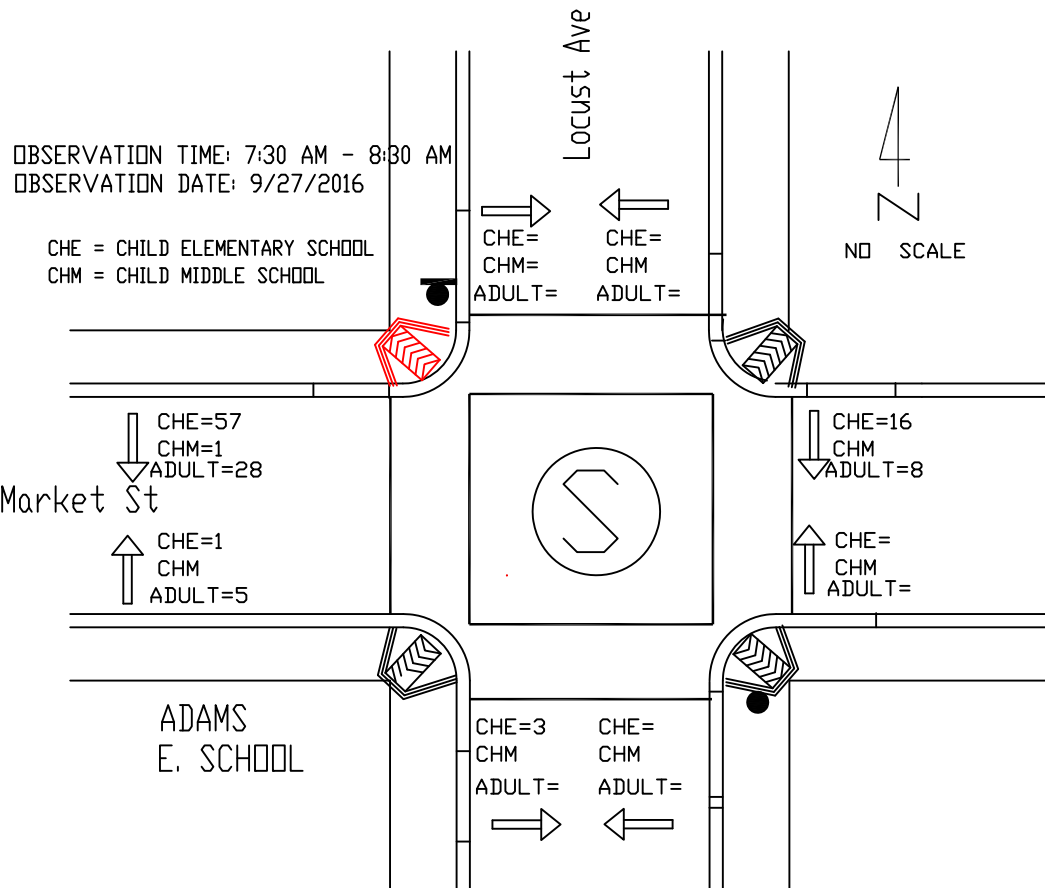


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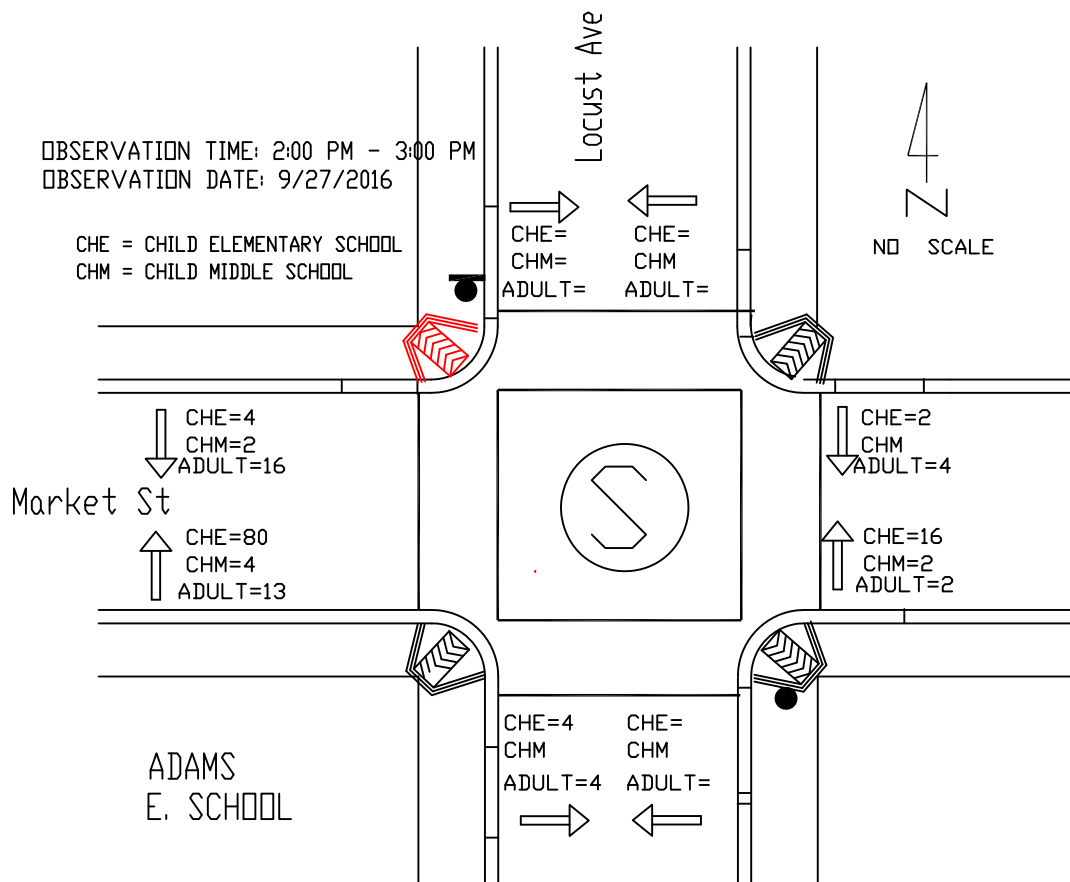


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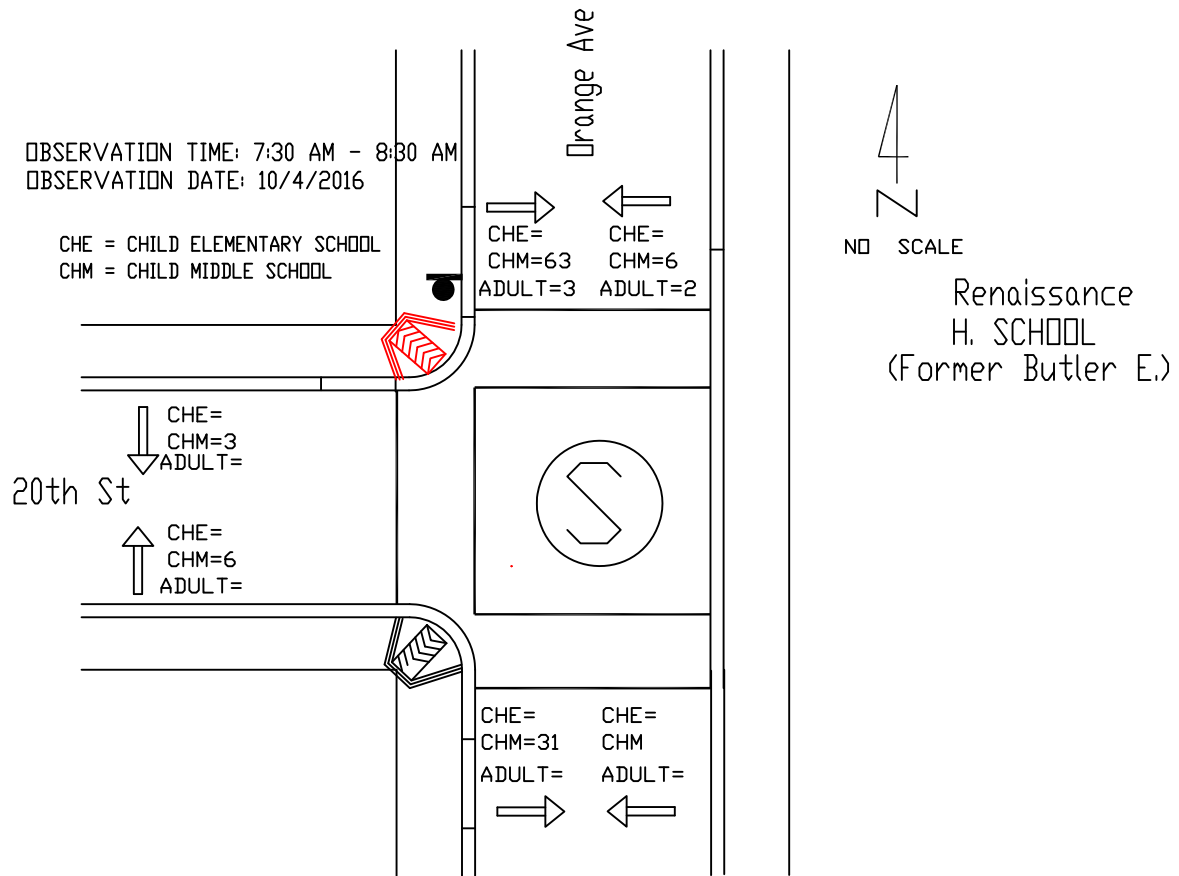


EXHIBIT 9

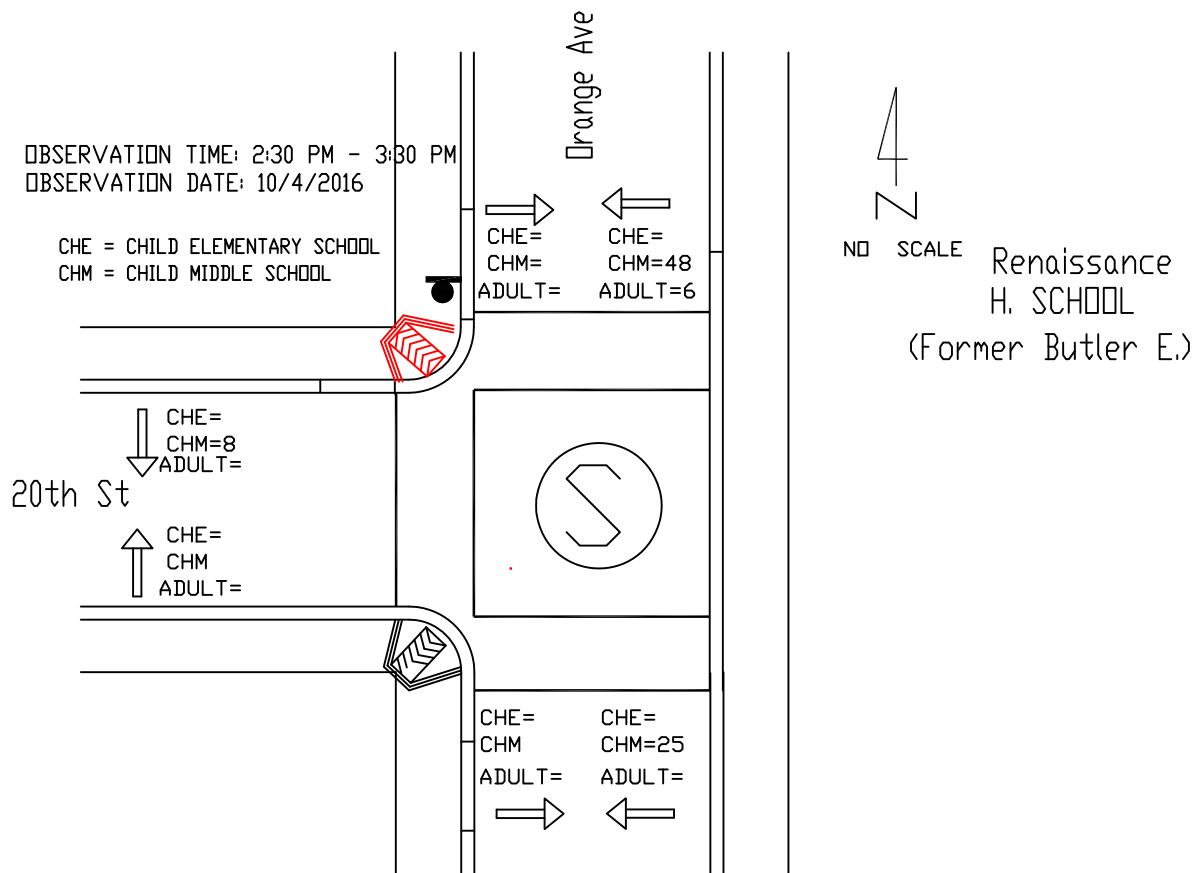


EXHIBIT 10