

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Police – Update of the 2016 Crossing Guard program and recommendation for post coverage for the 2016/17 school year.

RECOMMENDATION

Recommendation of the Chief of Police that Employee Relations and Public Safety Committee recommend the continuation of the 2015/16 Crossing Guards post coverage for the 2016/17 school year.

BACKGROUND

The Employee Relations and Public Safety Committee met on November 13, 2014 to discuss the Crossings Guards program. The Committee recommended TPD to conduct a survey of intersections, signage and traffic counts to see where the crossing guards will be best utilized during the school year.

On November 25, 2014, the City Council concurred with the Committee's recommendations and requested that the Traffic Commission review the Crossing Guards program and return back to the Committee for further action.

Prior to the Traffic Commission meeting of February 2, 2015, the Police Department and the Public Works Department worked together to conduct a survey of intersections, signage and traffic counts. On April 6, 2015, the Traffic Commission received the following recommendations based on the survey:

1. Continue crossing guard coverage at twenty one (21) of the current twenty nine (29) locations/posts; and
2. Relocate the remaining eight (8) crossing guard posts to new posts at crosswalks with higher school-aged pedestrian volumes or to adjacent crosswalks better suited for pedestrian crossings.

On May 4, 2015, the Traffic Commission discussed the staff recommendations and received public input. After much deliberation and discussion, the Commission voted:

- o Concur with the Staff Recommendation with a modification to keep the crossing guards at Palos Verdes & Carson (Post #2), Torrance & Crenshaw (Post #17), and Yukon & 182nd (Post #29). Essentially, the recommendation requests the addition of three new crossing guards for the program thereby increasing the total to 32-crossing guards;
- o Recommend for TPD to return in March 2016 with a similar item with newly collected data to determine effectiveness of proposed 2015-16 school year changes as well as potential to reconsider further changes;

On June 23, 2015, the City Council voted to concur with the recommendations of the Employee Relations and Public Safety Committee and directed staff to return prior to the end of the 2016 school year with an update to the Employee Relations and Public Safety Committee (Attachment A).

On June 23, 2015, the City Council voted to concur with the recommendations of the Employee Relations and Public Safety Committee and directed staff to return prior to the end of the 2016 school year with an update to the Employee Relations and Public Safety Committee.

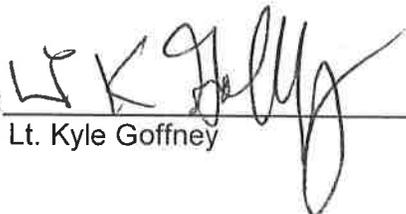
2016 School Year Update

During the month of August 2015 notifications were made through the Torrance Police Department Social Media channels, the City of Torrance Social Media channels and the TUSD website informing the public of the changes that would be made to the Crossing Guard program. Additionally during the first two weeks of the 2015-2016 school year, Torrance Police Department personnel handed out flyers at various intersections indicating the crossing guard changes (Attachment B). In addition, Torrance Police Officers attended several back to school nights during which they provided safety information to parents (Attachment C)

Between the months of February and March 2016 the Police Department conducted the follow-up survey of intersections and traffic counts as requested in the May 4th, 2015 Traffic Commission meeting. The survey consisted of counting the number of children and adults that crossed at the sites that were within 500 feet of each elementary school. The survey also addressed the volume of vehicles at each intersection (moderate/ medium/ heavy). The result of the survey which includes a comparison with the 2015 survey is provided as Attachment D.

Based on the survey results, TPD recommends the posts that were identified in the 2015 survey and implemented in the 2015-2016 school year should be continued into the 2016/17 school year.

Respectfully submitted,

By: 
Lt. Kyle Goffney

- Attachment A) Council Item 12K dated June 23, 2015
- Attachment B) Back to School Information Flyer
- Attachment C) Back to School Discussion Topics
- Attachment D) 2016 Crossing Guard Post Survey

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: City Council Employee Relations and Public Safety Committee – Concur with recommendations regarding Crossing Guards program modifications. Expenditure: \$42,450 year one, not to exceed \$169,800 over four years.

RECOMMENDATION

Recommendation of the City Council Employee Relations and Public Safety Committee that City Council concur with the Committee recommendation as follows:

- 1) Concur with the staff recommendations regarding post coverage,
- 2) Implement the recommendations of the Traffic Commission on a one-year basis with funding of \$42,450, not to exceed \$169,800 over four years subject to City Council approval,
- 3) Review post coverage and return to the Employee Relations and Public Safety Committee for further direction prior to the end of the 2016 school year,
- 4) Explore utilization of a security company to provide the temporary coverage.

Funding

One year funding is \$42,450; the City Manager recommends in order to avoid one-time funding of on-going programs, an appropriation of \$169,800 for a 4 year period at which time an on-going source will be identified pending recommendation of continuing additional staffing.

BACKGROUND/ANALYSIS

The Employee Relations and Public Safety Committee met on June 2, 2015 to discuss the proposed modifications by the Police Department, Public Works Department and the Traffic Commission. In the interest of reducing paper printing while still providing residents and any interested party access to the materials from the June 2, 2015 Employee Relations and Public Safety Committee Meeting and prior meetings, the agenda and all materials are available on-line at <http://www.torranceca.gov/21984.htm>,

Lieutenant Mark Underwood and Ted Semaan, Engineering Manager/Major Projects provided an overview of the proposed modifications to the City's Crossing Guards Program and responded to Committee member and public questions and concerns. The proposed changes to current post coverage are as follows:

| Elementary School | Intersection | Staff Recommended to Relocate Ex. to New Post | Staff Recommended New Post | Traffic Commission Recommended posts if additional funds available | Justification for Relocation |
|-------------------|-----------------------|---|----------------------------|--|--|
| Anza | Palos Verdes & Carson | X | | X | Low school age ped. volume (18-AM/17-PM); >500' from ES |
| | Palos Verdes & Ruby | X | | | Low school age ped. volume (3-AM/4-PM); >500' from ES |
| | Anza & Carson | X | | | Fully signalized traffic signal, >500' from ES; low school age ped. volume (4-AM/6-PM); Ratio of adults to children crossing > 1 |
| Arnold | Lomita & Kent | X | | | Children can cross Lomita/Anza or Lomita/Ocean. Both have a fully signalized traffic signal |

| Elementary School | Intersection | Staff Recommended to Relocate Ex. to New Post | Staff Recommended New Post | Traffic Commission Recommended posts if additional funds available | Justification for Relocation |
|-------------------|--------------------------------|---|----------------------------|--|---|
| Edison | 182nd & Bailey | X | | | Children can cross at 182/Prairie or 182/Doty which both have a fully signalized traffic signal & crossing guard; low school age ped. volume (9-AM/7-PM), E/W traffic is uncontrolled |
| Fern | Torrance & Crenshaw | X | | X | Fully signalized traffic signal; low school age ped. volume (6-AM/10-PM); >500' from ES; low school age ped. volume (6-AM/10-PM) |
| Riviera | Pas.Pablo /Pas.Arena /V.Colusa | | X | | |
| Seaside | Sharynne & Dennis | | X | | |
| Torrance | Lincoln & Apple | | X | | |
| Victor | Anza & Spencer | | X (2nd Guard) | | |
| Walteria | Madison N/O Newton | X | | | Children can cross at 244th/Madison and Newton/Madison which both are fully stop controlled intersections and are proposed for crossing guards; north/south traffic is uncontrolled |
| | 244th & Madison | | X | | |
| | Newton & Madison | | X | | |
| | Newton & Madison | | X (2nd Guard) | | |
| Yukon | 182 & Yukon | X | - | X | Fully signalized traffic signal; >500' from ES; low school age ped. volume (10-AM/7-PM) |
| | 177th & Yukon | | X | | |

Committee members discussed proposed modifications with emphasis on the recommendation of the Traffic Commission and how to fund the three additional posts. Following the discussion the consensus of the Committee was to seek temporary funding for a one-year term to allow staff the opportunity to review all of the changes to the Crossing Guard program and return to the Committee for discussion based on available survey data. The Police Department also expressed concerns with the Supervision required with the addition of three posts. The cost of adding three (3.0) Crossing Guards posts is \$13,850 per guard, totaling \$42,450 (including uniforms). The current cost of the program is \$360,000 per year and includes coverage for 29 elementary school locations. The new post coverage will begin with the new school year in 2015 and last through end of the school year in 2016. Therefore, temporary funding approval is needed by late summer.

Based on City Council action, the Police Department and Public Works will continue to work together with the Traffic Commission to implement the proposed modifications and continue to work with TUSD to educate the students, parents and the Torrance community on pedestrian safety, school zone safety, and defensive driving while in a school zone. Per the recommendation of Public Works, the decision regarding the removal of any crosswalks would be considered by the

Traffic Commission prior to implementation with exception to the mid-block crosswalk at Madison Street, the mid-block crossing will be removed prior to the next school year as part of the crossing guard relocation effort.

Respectfully submitted,

CITY COUNCIL EMPLOYEE RELATIONS
AND PUBLIC SAFETY COMMITTEE



Councilmember Heidi Ann Ashcraft, Chair



Councilmember Geoff Rizzo, Member



Councilmember Mike Griffiths, Member

Attachments: A) Meeting Notes from the June 2, 2015 Meeting
B) Agenda and Staff Reports from the June 2, 2015 Employee Relations and Public Safety Committee Meeting (Limited Distribution). All materials are available on-line at <http://www.torranceca.gov/21984.htm>

Finance Director's Note:

The item if approved is requesting use of one-time funds or temporary funding. Your Honorable Body has been reluctant on such use and has set policy to avoid the use of one time monies for ongoing operational programs. Implementation of such spending without assured revenue to maintain is a major factor of consideration.

As a reminder, during the budget adoption process, many items did not receive funding approval and funding decisions were deferred to the next two year budget cycle when "Mall" related revenues stabilize and regularly flow to the City. Taking action on this item would mean that it is urgent in nature and any funding decision should not be deferred.

Should the Council approve this item tonight, Staff would recommend funding for four (4) years using \$169,800 of the \$9.8 million "City Boundary Modification" funds. This would provide a reliable source of funding for the near time, allowing for the growth of revenue to encompass this added program cost.

To date, the City Council has approved \$2.429 million in capital projects from the "City Boundary Modification" funds:

- Armstrong Theater green room and cast restroom remodel - \$300,000
- Nakano Theater-remodel/renovate ASA restroom - \$150,000
- Armstrong Theater sound and lighting upgrade- \$300,000
- Carpet replacement - \$80,000
- Curtain replacement - \$50,000
- Sealing of external walls - \$100,000
- Replacement of wall baffling in Armstrong Theater - \$30,000
- Retile fountain and seating area, City Hall main plaza - \$200,000
- Repair and replace building trusses at Wilson Park - \$791,000
- Farmers Market bollards - \$178,000
- 2016 and 2017 Rose Parade Floats - \$250,000

The remaining balance for the "City Boundary Modification" fund is \$7.371 million and will be \$7.2012 million if four year Crossing Guard funding is approved. Should the Council elect to continue the program modification after four years, Staff would include on-going funding in the operating budget. If recurring funds become available during the next four years, Council could take action to return any unused funds (one-time) to be used for the City's capital needs.

Welcome back to school

There will be changes to our Crossing Guard locations for the 2015-2016 school year, please review this information carefully as some of the changes may affect you!!!



2015-2016 CROSSING GUARD POSTS

| <u>Elementary School</u> | <u>Intersection</u> |
|--------------------------|---|
| Adams | 237th & E. of Arlington |
| Anza | Palos Verdes & Carson Anza & Lenore Lillian & Ellinwood Palos Verdes & Ruby Anza & Carson |
| Arlington | 178th & Van Ness |
| Arnold | 227th & Ladeene 228 PI & Adolph Lomita & Kent |
| Carr | 168th & Ermanita |
| Edison | 182 nd & Doty 182 nd & Prairie 182 nd & Bailey |

INDICATE POSTS THAT HAVE BEEN RELOCATED

INDICATES NEW POSTS

| <u>Elementary School</u> | <u>Intersection</u> |
|-------------------------------|--|
| Fern | El Dorado & Fern Torrance & Fern Torrance & Crenshaw |
| Hickory | 227th & Hickory 230th & Juniper |
| Lincoln | 166th & Purche |
| *St. Catherine Laboure | 168th & Ainsworth |
| Riviera | Pas.Pablo/Pas.Arena/V.Col usa |
| Seaside | Carlow & Sharynne Carlow & Calle Mayor Sharynne & Dennis |
| Torrance | Arlington & Lincoln Lincoln & Apple |
| Towers | Towers & Ronald |
| Victor | Anza & Spencer Anza & Spencer (2nd Guard) |
| Walteria | 244th & Madison Newton & Madison Madison North of Newton |
| Wood | 236th W/O Arlington |
| Yukon | 177th & Yukon 182 nd & Yukon |

For additional information regarding changes to the Crossing Guard Program visit:
www.torranceca.gov/21984.htm

| SCHOOL | PRINCIPAL | BTSN DATE | TIME | OFFICER ASSIGNED |
|-------------|-----------------------|---|-------------|--|
| Fern | Debbie Mabry | 9/21/15 | 0900 | |
| Hickory | Edna Schumacher | 10/1/15 | 0630 | Not a back to school night |
| Lincoln | Katherine Castleberry | 10/8/15 | 5:55 pm | S. Scott |
| Riviera | Christie Forshey | 9/24/15 | 6:30 pm | N. Conner |
| Seaside | Michele Bauer | 9/24/15 | 6:15pm | Edmisten/ Guell |
| Yukon | Elaine Wassil | 9/24/15 | 6:15pm | Horikawa/ Sena |
| Launch | Elaine Semple | Launch does not start until 9/24 on 9/22 deliver fliers | | |
| Walteria | Bobbie Wynhoff | 9/17/2015 | 6:35 - 0700 | S. Scott |
| Anza | Barbara Marks | 9/24/2015 | 6:50-7:15 | DUI 1 |
| Arlington | Vicki Hath | 9/24/2015 | 5:55pm | D. Tatum |
| Torrance El | Kelly Joseph | 9/24/2015 | 6:00pm | Solorzano /McCarthy |
| Towers | Sandy Skora | 9/24/2015 | 6:30pm | DUI 2 |
| Wood | Teresa Lanphere | 9/24/2015 | 7:00pm | Solorzano /McCarthy |
| Victor | Bill Baker | 9/24/15 | 6:00pm | S. Scott |
| Arnold | Justine Lang | 9/24/15 | 6:30pm | Edmisten/ Guell |
| Adams | Kumi Smart | 10/1/2015 | 7:00pm | KIM & EDMISTEN (DUI TEAM) |
| Carr | Dick Peterson | 10/1/15 | 6:00pm | S. Scott |
| Edison | Erin Lahr | 10/1/15 | 7:00pm | S. Scott |

IDEAS OF TOPICS TO GO OVER FOR BACK TO SCHOOL NIGHT

*All pedestrians must be aware of their surroundings:
 Not on their cell phone
 Look both ways before you cross the street
 When possible, cross where there is a controlled intersection and/or a Crossing Guard

*Drivers must be mindful of:
 Speed limits
 Not on their cell phone
 Respect all parking regulations: Do not block driveways
 Do not stop in red zones to drop off/pick up your child
 Do not double park to drop off/pick up your child
 Do not block the crosswalk
 Do no block handicapped spaces

In many instances children will be pre-occupied with many things and not necessarily paying attention to what is happening around them. Drivers have to be twice as careful in/around school zones.

Children learn a lot from their parents actions!! Be respectful of other drivers; do not put yourselves and your children in a potentially dangerous situation.

**2016 PEDESTRIAN SURVEY
AT SCHOOL CROSSWALK LOCATIONS**

POST 1: ADAMS ELEMENTARY

ORIGINAL POST: 237th E/O Arlington (keep)

| | | | | AM | | | | PM | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES |
| 44 | 48 | 20 | 17 | 64 | 65 | MED | MED | 56 | 61 | 30 | 22 | 86 | 83 | | |
| %increase/decrease | | | | -15% | | 2% | | 9% | | -27% | | -3% | | | |

POST 2: ANZA ELEMENTARY

LOCATION: ANZA & LENORE (keep)

| | | | | AM | | | | PM | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES |
| 42 | 17 | 8 | 15 | 50 | 32 | HEAVY | HEAVY | 39 | 31 | 4 | 9 | 43 | 40 | | |
| %increase/decrease | | | | -60% | | -36% | | -21% | | 125% | | -7% | | | |

POST 3: ANZA ELEMENTARY

LOCATION: ELLINWOOD & LILLIAN (keep)

| | | | | AM | | | | PM | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES |
| 121 | 80 | 68 | 44 | 189 | 124 | MED | MED | 98 | 83 | 54 | 48 | 152 | 131 | | |
| %increase/decrease | | | | -34% | | -34% | | -15% | | -11% | | -14% | | | |

POST 4: ARLINGTON ELEMENTARY

LOCATION: 178TH & VAN NESS (keep)

| | | | | AM | | | | PM | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES |
| 59 | 114 | 114 | 106 | 173 | 220 | HEAVY | HEAVY | 98 | 219 | 68 | 148 | 166 | 367 | | |
| %increase/decrease | | | | 93% | | 27% | | 123% | | 118% | | 121% | | | |

POST 5: ARNOLD ELEMENTARY

CURRENT LOCATION: 227TH & LADEENE (keep)

| | | | | AM | | | | PM | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES |
| 71 | 57 | 50 | 48 | 121 | 105 | MOD | MOD | 78 | 54 | 66 | 38 | 144 | 92 | | |
| %increase/decrease | | | | -20% | | -13% | | -31% | | -42% | | -36% | | | |

POST 6: ARNOLD ELEMENTARY

LOCATION: 228TH PL / ADOLPH (keep)

| | | | | AM | | | | PM | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | VEHICLES |
| 65 | 71 | 28 | 23 | 93 | 94 | 140 | 140 | 91 | 76 | 49 | 28 | 140 | 104 | | |
| %increase/decrease | | | | 9% | | 1% | | -16% | | -43% | | -26% | | | |

**2016 PEDESTRIAN SURVEY
AT SCHOOL CROSSWALK LOCATIONS**

POST 14: LINCOLN ELEMENTARY

LOCATION: 166TH & PURCHE (keep)

| AM | | | | | PM | | | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|--------------------|---------------|---------------|-------------|-------------|----------------|----------------|-----------|------------|------------|------------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | |
| 63 | 51 | 49 | 63 | 112 | 114 | MOD | 56 | 75 | 38 | 67 | 94 | 142 | MOD | | | |
| %increase/decrease | | | | | -19% | %increase/decrease | | | | | 2% | 29% | 2% | 34% | 76% | 51% |

ADDED POST #1

RIVIERA ELEMENTARY PAS.PABLO/PAS-ARENAY. COLUSA (add)

| AM | | | | | PM | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|------------|---------------|---------------|-------------|-------------|----------------|----------------|------------|------------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| - | 31 | - | 16 | - | 47 | Heavy | - | 38 | - | 14 | - | 52 | med | |
| %increase/decrease | | | | | NEW | NEW | NEW | NEW | NEW | NEW | NEW | NEW | NEW | NEW |

POST 15: SAINT CATHERINE

LOCATION: 168TH & AINSWORTH (keep)

| AM | | | | | PM | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|-------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 64 | 86 | 49 | 43 | 113 | 129 | MED | 61 | 53 | 45 | 34 | 106 | 87 | LIGHT |
| %increase/decrease | | | | | 34% | -12% | 14% | -13% | -13% | -24% | -18% | -18% | -18% |

POST 16: SEASIDE ELEMENTARY

LOCATION: CARLOW & SHARYNNE LANE (keep)

| AM | | | | | PM | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|-------------|---------------|---------------|-------------|-------------|----------------|----------------|------------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 52 | 61 | 20 | 12 | 72 | 73 | MED | 71 | 76 | 42 | 31 | 113 | 107 | MED |
| %increase/decrease | | | | | 17% | -40% | 1% | 7% | -26% | -5% | -5% | -5% | -5% |

POST 17: SEASIDE ELEMENTARY

LOCATION: CARLOW & CALLE MAYOR (keep)

| AM | | | | | PM | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|-------------|---------------|---------------|-------------|-------------|----------------|----------------|-----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 5 | 6 | 2 | 10 | 7 | 16 | MED-HEAVY | 204 | 216 | 17 | 23 | 221 | 239 | HEAVY |
| %increase/decrease | | | | | 20% | 400% | 129% | 6% | 35% | 8% | 8% | 8% | 8% |

ADDED POST #2 SHARYNNE & DENNIS (add)

| AM | | | | | PM | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|-------------|---------------|---------------|-------------|-------------|----------------|----------------|-----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 47 | 30 | 32 | 28 | 79 | 58 | Light-med | 86 | 92 | 41 | 38 | 127 | 130 | heavy |
| %increase/decrease | | | | | -36% | -13% | -27% | 7% | -7% | 2% | 2% | 2% | 2% |

POST 18: TORRANCE ELEMENTARY

LOCATION: ARLINGTON & LINCOLN (keep)

| AM | | | | | PM | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|-------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 67 | 35 | 44 | 24 | 111 | 59 | HEAVY | 97 | 197 | 32 | 64 | 129 | 261 | HEAVY |
| %increase/decrease | | | | | -48% | -45% | -47% | 103% | 100% | 102% | 102% | 102% | 102% |

**2016 PEDESTRIAN SURVEY
AT SCHOOL CROSSWALK LOCATIONS**

ADDED POST #3 LINCOLN AND APPLE (add)

| AM | | | | | | PM | | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|-----------|-----|-----|----|-----|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | | |
| 23 | 34 | 11 | 18 | 34 | 52 | 103 | 146 | 41 | 43 | 144 | 189 | Light-med | | | | |
| %increase/decrease | | | | | | 48% | | | | | | 53% | 64% | 42% | 5% | 31% |

POST 19: TOWERS ELEMENTARY

LOCATION: TOWERS & RONALD (keep)

| AM | | | | | | PM | | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----|-----|-----|-----|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | | |
| 153 | 100 | 70 | 75 | 223 | 175 | 126 | 142 | 57 | 100 | 183 | 242 | MED | | | | |
| %increase/decrease | | | | | | -35% | | | | | | -22% | 7% | 13% | 75% | 32% |

POST 20: VICTOR ELEMENTARY

LOCATION: ANZA & SPENCER (keep)

ADDED POST #4 ANZA AND SPENCER/ 2ND GUARD (add)

| AM | | | | | | PM | | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|----------|------|------|------|----|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | | |
| 93 | 115 | 52 | 105 | 145 | 220 | 249 | 208 | 39 | 100 | 288 | 308 | HEAVY | | | | |
| %increase/decrease | | | | | | 24% | | | | | | 52% | 102% | -16% | 156% | 7% |

ADDED POST #5 244TH AND MADISON (add)

LOCATION: 244TH & MADISON - WALTERIA ELEMENTARY

| AM | | | | | | PM | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|----------|-----|-------|-------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | |
| 46 | 47 | 31 | 44 | 77 | 91 | 113 | | 43 | | 156 | | heavy | | | |
| %increase/decrease | | | | | | 2% | | | | | | 18% | 42% | -100% | -100% |

ADDED POST #6 MADISON & NEWTON (GUARD 1)

ADDED POST #7 MADISON & NEWTON (GUARD 2)

LOCATION: MADISON & NEWTON - WALTERIA ELEMENTARY

| AM | | | | | | PM | | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|----------|------|----|------|-----|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | | |
| 65 | 168 | 45 | 123 | 110 | 291 | 122 | 132 | 125 | 110 | 247 | 242 | HEAVY | | | | |
| %increase/decrease | | | | | | 158% | | | | | | 165% | 173% | 8% | -12% | -2% |

POST 21: WOOD ELEMENTARY

LOCATION: 236TH W/O ARLINGTON (keep)

| AM | | | | | | PM | | | | | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|----------|----|------|------|------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | | | | |
| 24 | 28 | 9 | 7 | 33 | 35 | 44 | 22 | 4 | 9 | 48 | 31 | LIGHT | | | | |
| %increase/decrease | | | | | | 17% | | | | | | -22% | 6% | -50% | 125% | -35% |

**2016 PEDESTRIAN SURVEY
AT SCHOOL CROSSWALK LOCATIONS**

ADDED POST #8 177TH & YUKON (add)

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 38 | 32 | 20 | 6 | 58 | 38 | 51 | 40 | 18 | 9 | 69 | 49 | Med-heavy | |
| -16% | | | | | | -70% | | | | | | -34% | |
| %increase/decrease | | | | | | -22% | | | | | | -50% | |
| | | | | | | | | | | | | -29% | |

POSTS KEPT ON THE RECOMMENDATION OF THE TRAFFIC COMMISSION:

ORIGINAL POST: PALOS VERDES & CARSON

POST: ANZA ELEMENTARY

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 18 | 10 | 7 | 16 | 25 | 26 | 17 | 16 | 2 | 16 | 19 | 36 | MED | |
| -44% | | | | | | 129% | | | | | | 4% | |
| %increase/decrease | | | | | | -6% | | | | | | 700% | |
| | | | | | | | | | | | | 89% | |

POST: FERN ELEMENTARY

LOCATION: TORRANCE & CRENSHAW

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 6 | 15 | 6 | 12 | 12 | 27 | 10 | 12 | 9 | 7 | 19 | 19 | HEAVY | |
| 150% | | | | | | 100% | | | | | | 125% | |
| %increase/decrease | | | | | | 20% | | | | | | -22% | |
| | | | | | | | | | | | | 0% | |

POST: YUKON ELEMENTARY

LOCATION: 182ND & YUKON

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 10 | 15 | 4 | 11 | 14 | 26 | 7 | 12 | 1 | 4 | 8 | 16 | HEAVY | |
| 50% | | | | | | 175% | | | | | | 86% | |
| %increase/decrease | | | | | | 71% | | | | | | 300% | |
| | | | | | | | | | | | | 100% | |

POSTS THAT WERE ELIMINATED:

ARNOLD ELEMENTARY

LOCATION: LOMITA & KENT (eliminate)

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|--------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 4 | 1 | 6 | 1 | 10 | 2 | 23 | 0 | 1 | 0 | 24 | 0 | HEAVY | |
| -75% | | | | | | -83% | | | | | | -80% | |
| %increase/decrease | | | | | | -100% | | | | | | -100% | |
| | | | | | | | | | | | | -100% | |

POST: WALTERIA ELEMENTARY

LOCATION: MADISON N/O NEWTON (eliminate)

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|--------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 91 | | 71 | | 162 | | 103 | | 72 | | 175 | | MED | |
| -100% | | | | | | -100% | | | | | | -100% | |
| %increase/decrease | | | | | | -100% | | | | | | -100% | |
| | | | | | | | | | | | | -100% | |

POST: EDISON ELEMENTARY

LOCATION: 182 & BAILEY (eliminate)

| AM | | | | | | PM | | | | | | | |
|---------------------------|---------------|-------------|-------------|----------------|----------------|---------------|---------------|-------------|-------------|----------------|----------------|-------------|--|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | |
| 9 | 3 | 7 | 4 | 16 | 7 | 7 | 2 | 6 | 5 | 13 | 7 | HEAVY | |
| -67% | | | | | | -43% | | | | | | -56% | |
| %increase/decrease | | | | | | -71% | | | | | | -17% | |
| | | | | | | | | | | | | -46% | |

2016 PEDESTRIAN SURVEY
AT SCHOOL CROSSWALK LOCATIONS

POSTS THAT WERE RELOCATED

POST : ANZA ELEMENTARY

LOCATION: PALOS VERDES & RUBY

| | | AM | | | | | PM | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 3 | 5 | 1 | 2 | 4 | 7 | 660 | 4 | 3 | 1 | 3 | 5 | 5 | 494 |
| %increase/decrease | | 67% | | 100% | | 75% | | -25% | | 200% | | 0% | |

POST : ANZA ELEMENTARY

LOCATION: ANZA & CARSON

| | | AM | | | | | PM | | | | | | |
|--------------------|---------------|-------------|-------------|----------------|----------------|----------|---------------|---------------|-------------|-------------|----------------|----------------|----------|
| CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES | CHILDREN 2015 | CHILDREN 2016 | ADULTS 2015 | ADULTS 2016 | TOTAL PED 2015 | TOTAL PED 2016 | VEHICLES |
| 4 | 28 | 7 | 14 | 11 | 42 | HEAVY | 6 | 61 | 39 | 5 | 45 | 66 | HEAVY |
| %increase/decrease | | 600% | | 100% | | 282% | | 917% | | -87% | | 47% | |