SAFE ROUTES TO SCHOOL PROJECT

In partnership with
Burbank Unified School District (BUSD) &
City of Burbank

2nd Community Meeting: October 18, 2018

- George Washington Elementary School
- Thomas Jefferson Elementary School
- John Muir Middle School
What You Will Hear Today

1. Project Overview
2. Project Goals & Benefits
3. What We Heard from Outreach
4. Proposed Improvements
5. Recommendation
6. Next Steps
Goals & Benefits

- Build a better Burbank
- Improve safety
  - Make it safer and easier for students to walk and bicycle to school
  - Reduce traffic injuries
- Encourage more students to walk and bicycle to school
- Increase health benefits through physical activity
- Improve air quality and lower greenhouse gas emissions
Project Scope

- 3 Schools:
  1. Washington Elementary
  2. Jefferson Elementary
  3. Muir Middle

- Review of Existing Conditions
  - Listen to parents, schools, and residents
  - Identify issues
  - Develop short-term and long-term improvements plan
  - Design and construct short-term improvements
How is This Project Funded?

- **State Grant Funds**
  - California Assembly Bill (AB) 1457 & 57

- **Project Budget:** $490,000
What We Studied

- Speed Surveys
- Traffic Counts
- Pedestrian and Bicycle Counts
- Collision Data
- Parent and Student Surveys
Map of Speed Surveys

Note: All speed survey locations had a posted speed limit of 25 MPH
What We Heard

- **Unsafe Drivers**
  - Cars Speeding
  - Cars rolling through stop signs
  - Cut-through traffic
  - Cars making dangerous U-turns
  - Distracted driving
  - Double parking or parking at red curb reduces visibility

- **Unsafe Walkers**
  - Parents and students jaywalking during pick-up/drop-off

- **Unsafe Conditions**
  - Children are not walking or bicycling to school
  - Feels unsafe for children to walk and/or bicycle to school

- **Congestion**
  - Pick-up and drop-off areas at schools are dangerous and congested
High-Visibility Crosswalks

Addresses:
- Cars rolling through Stop Signs
- Increases safety
- More than doubles visibility from 200 – 500 feet away

Before: Eton Dr./6th St.

After: Eton Dr./6th St.
Curb Ramps

Addresses:

☑ Increases safety

• Comfortable and accessible transition from street to sidewalk for all people, including people with disabilities, children on bicycles, people pushing strollers
Bulb-Outs or Curb Extensions

Addresses:
- ✓ Speeding
- ✓ Illegal U-Turns
- ✓ Feels unsafe to walk to school

• Shortens pedestrian crossing distance
• Increases visibility of pedestrians

Before: Oak St./Lima St.

After: Oak St./Lima St.
15 MPH School Zone Speed Zones

**Issue:**
- Speeding
- Cut-Through Traffic
- Feels unsafe to walk to school

- Recommendation to reduce speed limits to 15 mph near schools Citywide
- Applies when school children are present
- Requires enforcement commitment and long-term infrastructure changes
# Relationship Between Speeds and Collisions

<table>
<thead>
<tr>
<th>Speed (MPH)</th>
<th>Stopping Distance (FT)*</th>
<th>Crash Risk (%)**</th>
<th>Fatality Risk (%)**</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 – 15</td>
<td>100</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>20 – 25</td>
<td>150</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>30 – 35</td>
<td>250</td>
<td>55</td>
<td>45</td>
</tr>
<tr>
<td>40+</td>
<td>360</td>
<td>90</td>
<td>85</td>
</tr>
</tbody>
</table>

* Stopping Distance includes perception, reaction, and braking times. Source: Caltrans Highway Design Manual Table 201.1, pg. 200-1.

Drivers’ Peripheral Vision

Source: NACTO Urban Street Design Guide – Design Speed
Install All-Way Stops Around Schools

**Issue:**
- Assign clear Right-of-Way
- Speeding
- Feels unsafe to walk to school

- Installing Stops Signs require warrants (engineering study)
- Recommendation to adopt local All-Way Stop Sign Warrant policy for intersections adjacent to school facilities Citywide
**Issue:**
- Speeding
- Cut-Through Traffic

**Speed Hump Criteria Update**

- Recommendation to update speed hump installation criteria, procedures, and new speed cushion design Citywide
- This update would make majority of streets adjacent to schools eligible for speed humps
- City to install without petition process for streets adjacent to schools.
Issue:

- Bad driver behavior
- Feels unsafe to walk to school

Traffic Safety Education & Workshops

Tips for Walking Safely to School

Walking is fun, but you need to be safe while doing it. Follow these tips to make sure you get to and from school without any problems.

- **Walk together:**
  - Younger children should always walk with an adult. Tell your parents that walking is good exercise and a nice way to spend time together.
  - If your parents say you can walk to school on your own, remember these tips:
    - Walk with a friend when possible.
    - Ask your parents to help you pick a safe route to school, one that avoids dangers.
    - Stick to the route you picked with your parents. Don't go friends talk you into places that are more dangerous.
    - What you are not the route, don't push, throw, or chase each other.
    - Wear bright or light-colored clothing from people and always visible by onlookers.
    - Talk to your parents and teacher about any bullying that may happen during your walk.

- **Be seen:**
  - Remember, lights may not be able to see you. Always wear light or dark colors to keep brightly or wear reflective gear.

- **Look for traffic:**
  - Watch out for cars and trucks at all times, especially when crossing streets. They may be getting ready to move.

- **Traffic signs and signals:**
  - Check for traffic signs and signals. Always stop at crosswalks, pedestrian signals, and other traffic signs and signals. If the light is on green, make sure it is safe to cross before you cross.

- **Traffic lights:**
  - When crossing the street, always use the crosswalk. Make sure the light is on green before you cross.

- **Traffic rules:**
  - Always follow the traffic rules. If the light is on red, wait until the light changes to green before you cross.

**ABC Quick Check**

1. **To see:**
   - Check if you have enough space to walk safely. If the light is on yellow, wait until the light changes to green before you cross.

2. **To brake:**
   - Check the brakes and make sure they are working properly.

3. **To choose routes and cross:**
   - Check if the route you are using is safe. If the light is on red, wait until the light changes to green before you cross.

Quick Facts:

- **Traffic rules:**
  - Always follow the traffic rules. If the light is on red, wait until the light changes to green before you cross.

- **Traffic signs and signals:**
  - Check for traffic signs and signals. Always stop at crosswalks, pedestrian signals, and other traffic signs and signals. If the light is on green, make sure it is safe to cross before you cross.

- **Traffic lights:**
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**Crossword Answer Key**

1. Traffic signs and signals
2. For School Day
3. O.K.
4. Traffic
5. Touching the handlebars
6. Friends
7. October
8. Red
9. Green
10. Yellow
Walk to School Day 2018

Wednesday, October 10th
Summary of Proposed Project Improvements

- High-Visibility Crosswalks around all 3 schools
- Curb Extensions at 6th/Cambridge (Jefferson) and Winona/Lincoln (Washington)
- 15 MPH School Speed Zones around all 3 schools
- Speed Humps around all 3 schools where eligible
- All-Way Stop Signs surrounding all 3 schools
- Continue Traffic Safety Education Programs
Summary of Citywide Policy Recommendations

- 15 MPH School Speed Zones
- All-Way Stop Signs around schools
- Speed Humps around schools where eligible
Next Steps for the Project?

1. **Council to approve improvements and policy changes**
   - November 13, 2018 at 6:00 PM, Burbank City Hall

2. **Continue Outreach and Education Workshops**
   - Fall 2018 – Spring 2019

3. **City to implement 15 MPH School Speed Zones at all 3 schools & create long-term improvements plan**
   - Winter 2018

4. **City to complete engineering design**
   - Spring 2019

5. **Construct infrastructure improvements**
   - Summer 2019
Thank you!

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