



# SAFE ROUTES TO SCHOOL PROJECT

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

*2<sup>nd</sup> 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



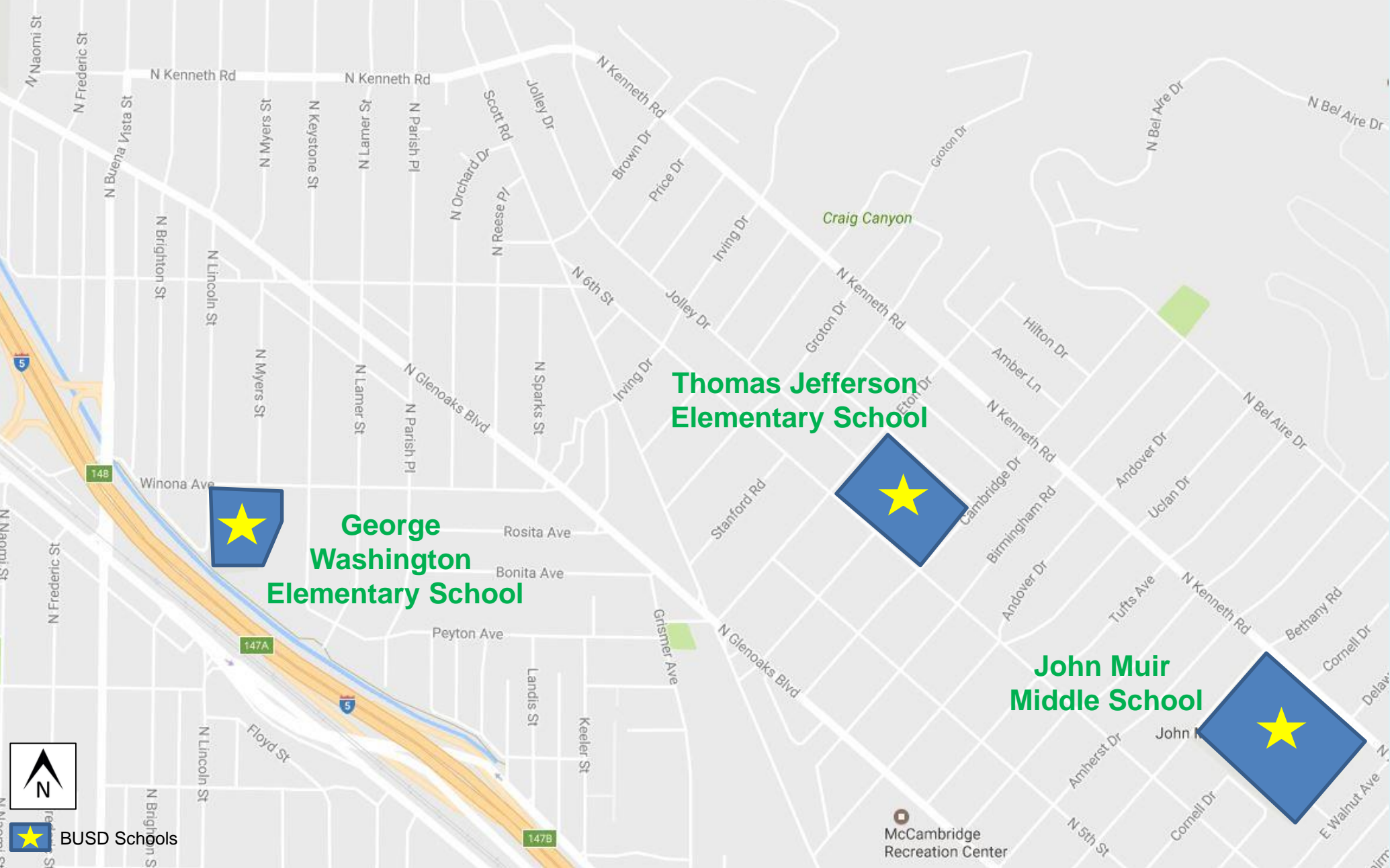
- **3 Schools:**
  1. Washington Elementary
  2. Jefferson Elementary
  3. Muir Middle
- **Review of Existing Conditions**
- **Listen to parents, schools, and residents**
- **Identify issues**
- **Develop short-term and long-term improvements plan**
- **Design and construct short-term improvements**

# How is This Project Funded?



- **State Grant Funds**  *Caltrans*
  - California Assembly Bill (AB) 1457 & 57
- **Project Budget: \$490,000**

# Project Location Map



# 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./6<sup>th</sup> St.



After: Eton Dr./6<sup>th</sup> 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



| Speed (MPH) | Stopping Distance (FT)* | Crash Risk (%)** | Fatality Risk (%)** |
|-------------|-------------------------|------------------|---------------------|
| 10 – 15     | 100                     | 5                | 2                   |
| 20 – 25     | 150                     | 15               | 5                   |
| 30 – 35     | 250                     | 55               | 45                  |
| 40+         | 360                     | 90               | 85                  |

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

\*\* Source: Traditional Neighborhood Development: Street Design Guidelines (1999), ITE Transportation Planning Council Committee 5P-8.

# 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

# Speed Hump Criteria Update



## Issue:

- ✓ Speeding
- ✓ Cut-Through Traffic



- 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.



# Traffic Safety Education & Workshops



## Issue:

- ✓ Bad driver behavior
- ✓ Feels unsafe to walk to school

## 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 great exercise and a nice way to spend time together.

If your parents say that 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 let friends talk you into shortcuts that are more dangerous.
- When you are near the street, don't push, shove, or chase each other.
- Never hitchhike or take rides from people not arranged by your parents.
- Talk to your parents and teacher about any bullying that may happen during your walk.

### Be seen

Remember, drivers may not be able to see you well. Always wear it is dark or hard to see, carry flashlights or wear reflective gear.

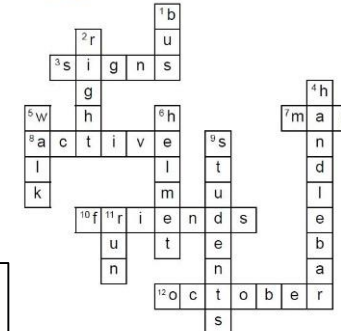
### Look for traffic

Watch out for cars and trucks at every driveway and intersection for drivers in parked cars. They may be getting ready to move.



## Crossword

Answer Key



## The ABC Quick Check

### A is for air:

- ✓ Check the air pressure, spin the wheels and make sure the tires are not worn out.



### B is for brakes:

- ✓ Check to make sure coaster brakes will stop the bike by spinning the back wheel and applying the brake. If the bike has hand brakes check to see that the levers don't hit the handlebars when squeezed. Lift one tire up at a time and spin it; squeeze the levers to see if the tire stops. The brake pads should be clean, straight and contact the rims properly.



### C is for Cranks, Chain, and Cogs:

- ✓ Grab the crank arms and try to wiggle side to side. There should be no movement. Spin the pedals and cranks to see if the chain drives the rear wheel. The chain should look like metal not rust or black gunk. If the bike has gears check to make sure the gear levers and derailleurs (gear-changing mechanism) work to shift the chain between gears.



### Quick Refers to the Quick Release:

- ✓ Some bikes have quick releases on the wheels or the seat post. Check to make sure they are tight and closed properly.



### Check:

- ✓ After making sure the seat and handlebars are tight and the proper height, have the child ride the bicycle around the parking lot and check that everything works well.

Used with permission: League of American Bicyclists  
Illustrations: Justin Short and Tom Finch, used with permission from Bicycle Transportation Alliance (BTA)

by traffic \_\_\_\_\_ and signals.  
 y School Day takes place in the month of \_\_\_\_\_.  
 ead of sitting at home, walking helps kids be \_\_\_\_\_.  
 alking to school is a chance to spend time with your family and \_\_\_\_\_.  
 International Walk to School Day takes place in the month of \_\_\_\_\_.  
 k to school instead of riding in a car or \_\_\_\_\_.  
 en crossing the street, look left, \_\_\_\_\_ and left again for traffic.  
 your bike, make sure to keep both hands on the \_\_\_\_\_.  
 \_\_\_\_\_ or bike to school for International Walk to School Day!  
 en riding your bicycle, always wear a \_\_\_\_\_.  
 chers and \_\_\_\_\_ can walk during lunch.  
 lk, don't \_\_\_\_\_ across the street.

www.walkbikeschool.org



# Walk to School Day 2018



Wednesday, October 10<sup>th</sup>



# Summary of Proposed Project Improvements



- **High-Visibility Crosswalks around all 3 schools**
- **Curb Extensions at 6<sup>th</sup>/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!



**Hannah Woo**

Associate Planner

Community Development Department

Transportation Division

(818) 238-5270

[hwoo@burbankca.gov](mailto:hwoo@burbankca.gov)