

# Neighborhood Site Audit

The following *Neighborhood Site Audit* is designed to help you evaluate walking and bicycling conditions in your school's neighborhood by taking an inventory of intersections, streets, and sidewalks. There are separate forms for evaluating intersections and mid-block crosswalks versus roadway segments. Please use only one form for each intersection of roadway segment. Make extra copies of the audit sheets to evaluate all of the neighborhood streets. Some information will need to be collected beforehand, such as average daily traffic counts provided by the local municipality and a base map of neighborhood streets.

## Instructions:

### Step 1: Establish a boundary for assessment

On a map, identify the school location. Outline an area (or perimeter) from which children could walk or bicycle to school. A good rule of thumb is one mile in all directions from the school.

### Step 2: Identify where students live

On your map, identify where students live. This could be done by having students mark their home locations on a large map with pushpins, by using a Geographic Information System (GIS) database if available, or by using best estimates of parents and school staff.

### Step 3: Identify projected walkable and bikable routes to the school

On your map, identify possible routes that children may follow to walk or ride their bikes to school. Try to identify a major route in each direction (north, south, east, and west).

### Step 4: Inventory existing facilities

Locate and inventory all major features within the one-mile radius. Locate streets, intersections, sidewalks, problem areas, and other security and safety items. Identify all of these items on the map with either text or symbols.

### Step 5: Fieldwork

Now that you have completed the base mapping and initial analysis, it is time to go in the field. Using your initial analysis you can map an efficient course to evaluate all of the streets and major routes that you identified. Use the audit sheets (that follow on the next page) to begin collecting information.

### Step 6: Compile, prioritize and rank finds

When your fieldwork is complete, organize your audits by highlighting the most important aspects noted by the audit team. List and rank these potential improvements in order of importance by safety and immediate need.

# Neighborhood Site Audit: Intersection and Crosswalk Evaluation

Please use only one form for each intersection/crosswalk evaluation. Make extra copies of this page to conduct a thorough analysis of all necessary streets.

Location: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Weather conditions: \_\_\_\_\_

## North-South Street

Name: \_\_\_\_\_  
 Curb-to-curb width: \_\_\_\_\_  
 Number of lanes Northbound: \_\_\_\_\_  
 Number of lanes Southbound: \_\_\_\_\_  
 Posted speed limit: \_\_\_\_\_  
 Observed speed (if available): \_\_\_\_\_  
 Average daily traffic (ADT): \_\_\_\_\_

## East-West Street

Name: \_\_\_\_\_  
 Curb-to-curb width: \_\_\_\_\_  
 Number of lanes Northbound: \_\_\_\_\_  
 Number of lanes Southbound: \_\_\_\_\_  
 Posted speed limit: \_\_\_\_\_  
 Observed speed (if available): \_\_\_\_\_  
 Average daily traffic (ADT): \_\_\_\_\_

How is the intersection controlled? (circle one)      Two-way stop      Four-way stop      Traffic signal  
 Other (please describe): \_\_\_\_\_

How is the crosswalk controlled? (circle one)      Flashing light      Pedestrian activated signal      Yield Sign      No control  
 Other (please describe): \_\_\_\_\_

## Intersection and Marked Crosswalk Evaluation

	Circle One	Comments and Potential Solutions
Do drivers yield to pedestrians at the crosswalk?	Yes No	
Do drivers run red lights or increase speed to catch green lights?	Yes No	
Are there a high percentage of turning movements and right turns on red?	Yes No	
Is there a high volume of truck traffic (~more than 1 in every 20 vehicles)?	Yes No	
Are there blind curves approaching the intersection?	Yes No	
Are there places where pedestrians are not visible to drivers at the intersection crossings?	Yes No	
Do parked cars, junction boxes, or vegetation block the pedestrian's view of traffic while waiting to cross?	Yes No	
Have crashes occurred at this location? If yes, note if pedestrians or bicyclists were involved.	Yes No	
Are school zone signs, flashers, or overhead signs present	Yes No	
Are there pedestrian crossing signals?	Yes No	
Are there marked crosswalks?	Yes No	
Does the intersection have a sidewalk leading up to it on all sides?	Yes No	
Do the intersection sidewalks have accessible curb ramps?	Yes No	
Is the road too wide to cross during the 'walk' phase (WALK + flashing DONT WALK) of the traffic signal?	Yes No	
Are there crossing guards during school drop-off and pick-up hours? If yes, please note on which part of the intersection.		
Is there a raised median where pedestrians can wait in the middle of the intersection?		
Are there traffic calming facilities, such as speed humps or speed tables?		
If there is a crossing guard present, does the crossing guard control the traffic signals manually?		

What do you consider to be the biggest problem at this intersection?

Sketch this intersection below and indicate specific problem areas.

Note any other comments about conditions and possible solutions for this intersection in the space below.

## Neighborhood Site Audit: Roadway Segment Evaluation

Please use only one form for each roadway segment evaluation. Make extra copies of this page to conduct a thorough analysis of all necessary streets.

Location: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Weather conditions: \_\_\_\_\_

### General Roadway Segment Information

Name of street: \_\_\_\_\_

Length of segment: \_\_\_\_\_ feet

Posted speed limit: \_\_\_\_\_ MPH

Observed speed (if available): \_\_\_\_\_ MPH

Between: \_\_\_\_\_ and \_\_\_\_\_

Curb-to-curb width: \_\_\_\_\_ feet

Number of lanes: \_\_\_\_\_

Average daily traffic (ADT): \_\_\_\_\_

### Roadway Segment

	Circle One	Comments and Potential Solutions
Are there a large number of driveways intersecting the roadway?	Yes No	
Do drivers yield to pedestrians at marked mid-block crossings and driveways?	Yes No	
Is there a high volume of truck traffic (~more than 1 in every 20 vehicles)?	Yes No	
Are there blind curves?	Yes No	
Are there locations where pedestrians are not visible to drivers at crosswalks or other places? If yes, indicate locations.	Yes No	
Have auto crashes occurred on this road? If yes, indicate locations.	Yes No	
Have auto-pedestrian collisions occurred on this road? If yes, indicate locations.	Yes No	
Are there school zone signs, flashers, or overhead signs present?	Yes No	
Are there locations along the roadway where students cross that are not marked by crosswalks? If yes, indicate location.	Yes No	
Is the road too wide to cross during the walk phase of the signal (WALK + flashing DONT WALK)?	Yes No	
Are there raised medians where pedestrians can wait in the middle of the roadway?	Yes No	
Are there features such as speed bumps or speed tables to slow traffic?	Yes No	