

Evaluation of Healthy Kids, Healthy Communities

Street Design Environmental Audit Tool

Street name: _____

Segment between _____

and _____

Auditor 1: _____

Auditor 2: _____

Street ID (*Transtria use only*): _____

Community partnership: _____

Date: _____

Weather conditions: _____

Start Time: ____ : ____ ○ AM ○ PM

End Time: ____ : ____ ○ AM ○ PM

Section A: What land uses are present?					
1. Are residential and non-residential land uses present? (<i>Circle one.</i>)			5.a. Park with exercise/sport or playground facilities		<input type="checkbox"/> No <input type="checkbox"/> Yes
All residential	Both residential and non-residential	All non-residential	5.b. Indoor fitness facility (e.g., YMCA, Bally's, community center)		<input type="checkbox"/> No <input type="checkbox"/> Yes
2. What is the predominant land use? (<i>Select one or two that apply.</i>)			5.c. Golf course		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.a. Residential buildings/yards	<input type="checkbox"/> No <input type="checkbox"/> Yes		5.d. Off-road walking/biking trail		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.b. Commercial or public/government buildings	<input type="checkbox"/> No <input type="checkbox"/> Yes		5.e. Sports/playing field		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.c. Schools/schoolyards (elementary, middle, high school)	<input type="checkbox"/> No <input type="checkbox"/> Yes		5.f. Sports/playing court		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.d. Parking lots or garages	<input type="checkbox"/> No <input type="checkbox"/> Yes		5.g. Playground		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.e. Park with exercise/sports facilities or playground equipment	<input type="checkbox"/> No <input type="checkbox"/> Yes		5.h. Pool facility		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.f. Abandoned building/home/vacant lot (uninhabited and unmaintained)	<input type="checkbox"/> No <input type="checkbox"/> Yes		5.i. Other, specify:		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.g. Undeveloped land (maintained)	<input type="checkbox"/> No <input type="checkbox"/> Yes		6. Are any features visible in this segment? (<i>If no, skip to Question 7</i>)		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.h. Designated green space (included park with no exercise/play facilities)	<input type="checkbox"/> No <input type="checkbox"/> Yes		6.a. Community gardens or greenhouses		<input type="checkbox"/> No <input type="checkbox"/> Yes
2.i. Other non-residential, specify:	<input type="checkbox"/> No <input type="checkbox"/> Yes		6.b. School gardens or greenhouses		<input type="checkbox"/> No <input type="checkbox"/> Yes
3. Are residential uses present? (<i>If no, skip to Question 4</i>)			6.c. Residential gardens or greenhouses		<input type="checkbox"/> No <input type="checkbox"/> Yes
3.a. Single family homes	<input type="checkbox"/> No <input type="checkbox"/> Yes		6.d. Small body of water (e.g., pond, stream)		<input type="checkbox"/> No <input type="checkbox"/> Yes
3.b. Multi-unit homes (2-4 units)	<input type="checkbox"/> No <input type="checkbox"/> Yes		6.e. Open green space (e.g., wooded area, swamp, meadow)		<input type="checkbox"/> No <input type="checkbox"/> Yes
3.c. Apartments or condominiums (> 4 units, 1-4 stories)	<input type="checkbox"/> No <input type="checkbox"/> Yes		7. Is any building or section of the sidewalk/roadway under construction or being replaced? (<i>If no, skip to Question 8</i>)		<input type="checkbox"/> No <input type="checkbox"/> Yes
3.d. Mixed-use (residential over commercial)	<input type="checkbox"/> No <input type="checkbox"/> Yes		7.a. Specify:		
3.e. Other (e.g., retirement home, mobile home)	<input type="checkbox"/> No <input type="checkbox"/> Yes		8. Are non-residential uses present? (<i>If no, skip to Question 9</i>)		<input type="checkbox"/> No <input type="checkbox"/> Yes
4. Are parking facilities present? (not including residence parking) (<i>If no, skip to Question 5</i>)			8.a. Faith-based organization		<input type="checkbox"/> No <input type="checkbox"/> Yes
4.a. On-street, including angled parking	<input type="checkbox"/> No <input type="checkbox"/> Yes		8.b. Farmers' market		<input type="checkbox"/> No <input type="checkbox"/> Yes
4.b. Small lot or garage (< 30 spaces)	<input type="checkbox"/> No <input type="checkbox"/> Yes		8.c. Small grocery/convenience store (including in a gas station) or pharmacy		<input type="checkbox"/> No <input type="checkbox"/> Yes
4.c. Medium to large lot or garage	<input type="checkbox"/> No <input type="checkbox"/> Yes		8.d. Supermarket		<input type="checkbox"/> No <input type="checkbox"/> Yes
5. Are public recreational facilities/equipment present? (<i>If no, skip to Question 6</i>)			8.e. Food establishment (restaurant, bakery, café, coffee shop, bar)		<input type="checkbox"/> No <input type="checkbox"/> Yes

Comments?

Evaluation of Healthy Kids, Healthy Communities

Section A: What land uses are present? (cont.)				Section B: Is public transportation available? (cont.)			
8.f. Entertainment (e.g., movie theatre, arcade)	<input type="checkbox"/> No	<input type="checkbox"/> Yes		10.b. Covered shelter	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
8.g. Library	<input type="checkbox"/> No	<input type="checkbox"/> Yes		10.c. Other	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
8.h. Post office				Section C: What street characteristics are visible?			
8.i. Bank	<input type="checkbox"/> No	<input type="checkbox"/> Yes		11. Enter posted speed limit (99 if none):			
8.j. Social services	<input type="checkbox"/> No	<input type="checkbox"/> Yes		12. Enter special speed zone (99 if none):			
8.k. Police or fire station	<input type="checkbox"/> No	<input type="checkbox"/> Yes		13. Enter total # of lanes on street:			
8.l. Laundry/dry cleaner	<input type="checkbox"/> No	<input type="checkbox"/> Yes		14. Marked lanes?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.m. Hair or nail shop	<input type="checkbox"/> No	<input type="checkbox"/> Yes		15. Median or pedestrian island?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.n. Medical facility	<input type="checkbox"/> No	<input type="checkbox"/> Yes		16. Turn lane?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.o. Vacant/for rent retail space	<input type="checkbox"/> No	<input type="checkbox"/> Yes		17. Stop sign or light for crossing this segment? <i>(If no, skip to Question 18)</i>	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.p. Other retail (e.g., street vendor)	<input type="checkbox"/> No	<input type="checkbox"/> Yes		17.a. Any stop lights without a walk signal?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.q. School (elementary, middle, high school)	<input type="checkbox"/> No	<input type="checkbox"/> Yes		18. Crosswalk for crossing this segment?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.r. Childcare center	<input type="checkbox"/> No	<input type="checkbox"/> Yes		19. Traffic calming device (e.g., roundabout, speed bump) <i>(If no, skip to Question 20)</i>	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.s. College, technical school, or university	<input type="checkbox"/> No	<input type="checkbox"/> Yes		19.a. Specify type:			
8.t. Big box store (e.g., Wal-Mart, Office Depot)	<input type="checkbox"/> No	<input type="checkbox"/> Yes		20. Cul-de-sac (dead end street)? <i>(If no, skip to Question 21)</i>	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.u. Mall	<input type="checkbox"/> No	<input type="checkbox"/> Yes		20.a. Sidewalk or cut-through in cul-de-sac?	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
8.v. Strip mall	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Section D: Do you have a place to walk?				
8.w. High-rise office building (> 5 stories)	<input type="checkbox"/> No	<input type="checkbox"/> Yes		21. Sidewalk present? <i>(If no, skip to Question 31.)</i>	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
8.x. Low-rise office building	<input type="checkbox"/> No	<input type="checkbox"/> Yes		22. Any commercial buildings adjacent to the sidewalk?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
Section B: Is public transportation available?				23. Any grassy or other buffer between curb and sidewalk <i>along most of the segment?</i> <i>(If no, skip to Question 24)</i>			
9. Are there any transit stops (bus, train, or other)? <i>(If no, skip to Question 11)</i>	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	23.a. Trees in the buffer?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
10. Are amenities present at any transit stop? <i>(If no, skip to Question 11)</i>	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	24. Sidewalk continuous <i>within</i> segment?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
10.a. Bench	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	25. Sidewalk continuous <i>between</i> segments at both ends?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides

Comments?

Evaluation of Healthy Kids, Healthy Communities

Section D: Do you have a place to walk? (cont.)				Section E: Do you have a place to bicycle?			
26. Width \geq 3 ft. for <i>most</i> of the sidewalk?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	35. "Share the Road" or "Designated bike route" sign?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
27. Width < 3 ft. for <i>any</i> part of the sidewalk?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	36. Sharrow?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
28. Any missing curb cuts or ramps at intersection or driveways?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	37. Bike lane present (marked lanes on the street specifically for bikes)?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
29. Any major bumps, cracks, holes, or weeds in the sidewalk?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	38. On-street, paved, and marked shoulder? (<i>If no, skip to Question 41.</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
30. Any permanent obstructions (trees, signs, tables) blocking the 3 ft. walk area?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	38.a. Shoulder \geq 4 ft.?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
31. Is there another safe place to walk? (<i>If no, skip to Question 32.</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	38.b. Shoulder continuous between segments at both ends?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
31.a. Street/shoulder?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	38.c. Any permanent obstructions (e.g., drainage grates, parked cars)?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
31.b. Unpaved pathway?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	39. Is it safe to ride on the street (e.g., little traffic)?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
31.c. Other, specify:	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	40. Is there a wide outside lane (\geq 15 ft.)?	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
32. Any pedestrian amenities? (<i>If no, skip to Question 33</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	41. Is there another safe place to bicycle on the street? (<i>If no, skip to Question 42.</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
32.a. Bench	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	41.a. Specify:			
32.b. Drinking fountain	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	42. Any bicyclist amenities? (<i>If no, skip to Question 43.</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
32.c. Pedestrian-scale lighting	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	42.a. Street lighting (<i>Circle one.</i>)	<input type="checkbox"/> None/a little <input type="checkbox"/> Some <input type="checkbox"/> A lot		
32.d. Other, specify:	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides	42.b. Bike parking (e.g., racks, lockers)	<input type="checkbox"/> No	<input type="checkbox"/> Yes one side	<input type="checkbox"/> Yes both sides
33. Tree shade on the walking area? (<i>Circle one.</i>)				Section F: What is the quality of the environment?			
None/a little		Some		A lot		43. Buildings with broken/boarded windows?	
						<input type="checkbox"/> No	<input type="checkbox"/> Yes
34. Steepest slope along walking area? (<i>Circle one.</i>)				44. Litter or broken glass on the ground?			
Flat/gentle		Moderate		Steep		<input type="checkbox"/> No	<input type="checkbox"/> Yes
				45. Public art (e.g., statues, sculptures)?			
				<input type="checkbox"/> No <input type="checkbox"/> Yes			

Comments?

Street Design Environmental Audit Protocol

Introduction

This tool and protocol were developed by the evaluation team from Transtria LLC (Laura Brennan, PhD, MPH, Principal Investigator; Allison Kemner, MPH; Tammy Behlmann, MPH; Jessica Stachecki, MSW, MBA; Carl Filler, MSW) and Washington University Institute for Public Health (Ross Brownson, PhD, Co-Principal Investigator; Christy Hoehner, PhD, MSPH), with feedback from national advisors and partners. The tool and protocol were adapted from the Active Neighborhood Checklist tool, protocol, and operational definitions (<http://www.activeliving.org/node/681>).

Funding was provided for the *Evaluation of Healthy Kids, Healthy Communities* by a grant from the Robert Wood Johnson Foundation (#67099). Transtria LLC is leading the evaluation and dissemination activities from April 2010 to March 2014. For more information about the evaluation, please contact Laura Brennan (laura@transtria.com) or Allison Kemner (akemner@transtria.com).

Choosing an area or route to audit

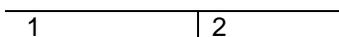
Identify the areas or routes for the audits based on the work of the HKHC community partnership (i.e., places where changes to the environment already occurred or places where changes are expected to occur on or before June 30, 2013). Options may include:

1. defined areas around a specific destination (e.g., school or park) or group of destinations (e.g., commercial center);
2. neighborhoods defined by administrative or other boundaries (e.g., Census tracts); and
3. routes between destinations or groups of destinations (e.g., elementary school and a central location in a neighborhood).

Identifying street segments

- Use a street map to produce a map of the project area (e.g., Google maps).
- Identify segments for the audits. [Note: Some street segments may be combined if there is **no variation** in the environment from segment to segment in order to increase the efficiency of the audits.]
- Assign all segments to be audited a unique ID number.
- Distribute copies of these maps to the auditors.

[Note: The street maps may not be updated or contain all the segments, so auditors should be trained to know how to identify new segments or delete existing segments. Roads with few intersections should be divided into two or more ¼-mile segments.]



A street with a T-intersection may be audited as two separate segments (e.g., 1 and 2 above). A reference point should be noted on the continuous side so that the recorded information is not duplicated for the adjacent segments.

Prior to conducting the audit

Safety

- Assess the safety of the environment for auditing before entering the area:
 - If dangerous or suspicious activities are taking place, leave the premises, notify the Project Director or Coordinator, and determine whether to schedule a new audit.
 - If weather conditions are unsafe for collecting data (ice, thunder, or lightning), leave the premises, notify the Project Director or Coordinator, and determine whether to schedule a new audit.

Items to remember

- Pencils, a copy of the paper tools for all data collectors, clipboards
- Comfortable shoes, umbrella (if it's raining), sunscreen
- Data collectors' contact information (in case of emergency)
- List and map of sites for data collection, identifying boundaries of the area
- Letter from the Project Director or Coordinator explaining the reason for data collection
- Transportation to and from the site for observers, if needed

Street Design Environmental Audit (Instruction Sheet)

General rules for auditing

- Complete one environmental audit for each designated segment.
- Avoid double-counting land uses, particularly those located on a corner.
- Buildings should be counted on the segment with the building's address or main entrance.
- Parking lots can be counted based on the 1) segment which contains the building for which the parking lot is used, 2) entrance of the parking lot; 3) segment in which the parking lot occupies the most area.
- Land uses that occupy multiple segments (e.g., parks, walking trails, malls, factories) can be counted on multiple segments, depending on how the data will be used.

Top of the Street Design Environmental Audit form

- Street ID (Transtria use only): Transtria will assign an ID to this park or play space for the data analysis.
- Street name: Print the name of the street.
- Segment between and : Print the names of the intersecting streets that are used as segment boundaries.
- Auditor 1: Print the name of auditor #1.
- Auditor 2: Print the name of auditor #2.
- Community partnership: Print the name of your community partnership for *Healthy Kids, Healthy Communities*.
- Date: Enter the date of data collection.
- Weather conditions: Print the temperature and climate the day of data collection (e.g., rainy, sunny, cloudy, windy).
- Start time: Enter the time that the data collection process starts.
- End time: Enter the time that the data collection process ends.

Section A: What land uses are present?

1. Are residential and non-residential land uses present? (Circle one.)

- All residential: Area that only contains apartments, condos, single- and multi- family homes, or other housing (types of residential uses are documented for number 3)
- Both residential and non-residential: Area that includes both non-residential (e.g., business, school, library, park) AND residential uses
- All non-residential: Area that contains no residential uses

For Questions 2-8, place an **X** in the in the appropriate box () corresponding to Yes or No.

2. What is the predominant land use? Select one or two that apply.

- Residential buildings/yards: Area that contains apartments, condos, single- and multi- family homes, or other housing
- Commercial or public/government buildings: Area that includes any business (e.g., office space, restaurant) or government-owned building (e.g., library, post office)
- School/school yards: Area that contains a school building or schoolyard (e.g., elementary, middle, high school)
- Parking lots or garages: Area or building with parking spaces off of the street.
- Park with exercise/sports facilities or playground equipment: Area of natural space that is open to the public, and includes an area designed for activity (e.g., baseball field, soccer field, basketball court, tennis court, swing set, slides, pull-up bars, monkeybars) [Note: Sidewalks and paths in a park do not count as an exercise/sports facility.]
- Abandoned building/home/vacant lot: Area with at least one uninhabited and unmaintained building/home usually characterized by boarded up or broken windows/doors or an empty area about the size of the buildings on the segment or nearby segments with visible signs of no maintenance (e.g., debris or plant overgrowth) [Note: This does not include homes or commercial buildings that are "for sale" or "for lease" unless there is indication of no maintenance (e.g., major deterioration of the roof or walls).]
- Undeveloped land: Large area of natural space that is protected by public or private entities (e.g., preservation of natural environment or wildlife).

Evaluation of Healthy Kids, Healthy Communities

- Designated green space: Large area of natural space that is maintained by public or private entities and open to the public (includes park with no exercise, play facilities).
- Other non-residential: If other categories are not suitable, write in the predominant land use.

3. Are residential uses present?

- Single family homes: One or more homes designed for one family
- Multi-unit homes: One or more homes designed for 2-4 families (e.g., homes with 2 front doors or more than 1 mailbox)
- Apartments or condominiums: One or more buildings that have only residential uses and more than 4 units
- Mixed-use: One or more buildings that have both commercial uses and residential uses (e.g., apartment over retail)
- Other: Retirement homes, mobile homes, college dorms, or other housing

4. Are parking facilities present?

- On-street, including angled parking: Any parking on a public road, including metered parking and angled parking
- Small lot or garage: A parking lot with less than 30 spaces
- Medium to large lot or garage: A parking lot with more than 30 spaces

5. Are public recreational facilities/equipment present (including the schoolyard if publicly accessible)?

- Park with exercise/sport or playground facilities: Publically accessible park with a playground or exercise facilities
- Indoor fitness facility: Examples include yoga, pilates, dance, and martial arts studios, public recreation centers, community centers, YMCAs, Ballys, Club Fitness, and indoor tennis clubs.
- Golf course: A large area of land designed for traditional golf games
- Off-road walking/biking trail: Off-road sidewalk or trail (including sidewalks around parks) that people walk or bike on primarily for exercise or leisure
- Sports/playing field: Any grass or dirt field designed for sports (e.g., baseball, football, soccer, softball)
- Sports/playing court: Any court designed for sports (e.g., basketball, volleyball, tennis, racquetball, handball)
- Playground: Area designed for children and youth to play (e.g., swing set, slides, monkey-bars) [Note: This does not include church playgrounds, daycare playgrounds, apartment playgrounds or schoolyards that are gated or otherwise restricted from public access.]
- Pool facility: Publicly accessible pool for swimming
- Other facilities: Bowling alleys, disc golf courses, skateparks (i.e., structures designed for roller skates, skateboards, or bicycles, usually characterized by ramps or boxes purposefully arranged on the ground).

6. Are any features visible in this segment?

- Community gardens or greenhouses: Publicly accessible gardens or greenhouses growing fruits, vegetables, or herbs [Note: This does not include flower gardens.]
- School gardens or greenhouses: Gardens located on school property growing fruits, vegetables, or herbs. [Note: This does not include flower gardens.]
- Residential gardens or greenhouses: Private gardens or greenhouses not open to the public, growing fruits, vegetables, or herbs [Note: This does not include flower gardens.]
- Small body of water: Permanent body of water (e.g., pond, stream)
- Open green space: Publicly accessible open space with natural features (e.g., wooded area, swamp, meadow)

7. Is any building or section of the sidewalk/roadway under construction or being replaced?: Any visible construction or repair being done to a building, sidewalk, or road (e.g., sewer work, sidewalk repair, brick work on a building)

- 7.a. Specify what is under construction.

8. Are non-residential uses present?

- 8.a. Faith-based organization: Organization with a religious affiliation (e.g., church)
- 8.b. Farmers' market: Permanent or semi-permanent location where farmers and vendors bring items for sale to the public
- 8.c. Small grocery/convenience store (including in a gas station) or pharmacy: Includes stores inside gas stations or pharmacies as well as small corner stores that sell items such as groceries, cigarettes, or alcohol to be consumed outside of the store

Evaluation of Healthy Kids, Healthy Communities

- 8.d. Supermarket: Larger than a small grocery or convenience store, often a local or national chain, sells groceries and many items, includes discount retailers that have grocery departments (e.g., Save a Lot, Aldi) and big box stores with groceries (e.g., Wal-Mart, Super Target, Cost-Co, Sam's Club)
- 8.e. Food establishment: Restaurants, bakeries, cafes, coffee shops, bars

Comments?: An optional space for auditors to enter notes.

- 8.f. Entertainment: Movie theatre, arcade
- 8.g. Library: Public building run by the government that loans books and other reading material
- 8.h. Post office: Public building run by the government that provides mail services
- 8.i. Bank: A staffed location that allows the depositing or withdrawal of money (e.g., ATMs connected to bank with a staff member) [Note: This does not include single drive-thru ATMs in parking lots.]
- 8.j. Social services: Building that has government services (e.g., job placement, food stamps, Medicaid)
- 8.k. Police or fire station: Building that houses police officers or fire fighters
- 8.l. Laundry/dry cleaner: Businesses that provide laundry machines and dryers or clean your clothes
- 8.m. Hair or nail shop: Businesses for hair or nail services
- 8.n. Medical facility: Healthcare organization (e.g., hospital, emergency room)
- 8.o. Vacant/for rent retail space: Building with signage indicating available retail space for leased or purchase
- 8.p. Other retail: Retail that doesn't fit in any other category (e.g., street vendor, food truck, clothing store).
- 8.q. School: Any elementary, middle, or high school [Note: This does not include colleges.]
- 8.r. Child care center: Businesses that supervise and/or educate children and youth [Note: This does include afterschool programs or a day care inside a residential home, if indicated. This does not include babysitters that come to your home.]
- 8.s. College, technical school, or university: A facility with the primary purpose of providing education
- 8.t. Big box store: Large commercial buildings, typically located along major traffic arterials with standardized facades and large parking lots (e.g., Office Depot, Best Buy, Home Depot, Wal-Mart, Target,) [Note: This does not include stores that sell groceries to avoid double counting.]
- 8.u. Mall: A connected combination of many commercial centers that is larger than a strip mall
- 8.v. Strip mall: Commercial centers with attached units arranged in a row or horseshoe shape, typically denoted by a sign
- 8.w. High-rise building: Non-residential building that is taller than 5 stories
- 8.x. Low-rise office building: Non-residential building that is less than 5 stories (e.g., warehouse, factory, industrial building)

Section B: Is public transportation available?

For Questions 9-10, place an **X** in the appropriate box () corresponding to Yes one side, Yes both sides, or No.

9. Are there any transit stops (bus, train, or other)?: A transit stop (e.g., bus, light rail, train, trolley) is usually indicated by a sign, bench, covered shelter, or station. Mark if there is a stop on one side, both sides, or no stops present.

10. Presence of amenities at transit stop?

- 10a. Bench: Seating area for people waiting at the transit stop
- 10b. Covered shelter: Roof overhang or partially enclosed area for people using the transit stop
- 10c. Other: Another amenity at the transit stop that does not fit the previous descriptions

Section C: What street characteristics are visible?

For Questions 11-13, write in the appropriate responses.

11. Enter posted speed limit (99 if none): Enter the number on the posted speed limit sign (99 if none).

12. Enter special speed zone (99 if none): Enter the number for the special speed zone sign (99 if none).

13. Enter total # of lanes on street: Enter the number of lanes (including unmarked lanes) for traffic. [Note: This excludes the turning lane and parking lanes.]

For Questions 14-20, place an **X** in the appropriate box () corresponding to Yes or No.

14. Marked lanes?: A street divided by white or yellow, dashed or solid lanes

15. Median or pedestrian island?: Raised island or refuge for pedestrians between traffic lanes that may take up all or part of the segment [Note: This does not include extremely narrow medians or medians with landscaping that prevents pedestrians from using them.]
16. Turn lane?: A turn lane that occupies the entire length of the segment [Note: This does not include partial turn lanes at intersections.]
17. Stop sign or light to cross this segment?: Stop sign or stop light at street crossing location
17.a. Any stop lights without a walk signal?: A stoplight without a button to activate a walk signal or a walk signal with symbols that cue pedestrians to stop or walk
18. Crosswalk for crossing this segment?: A place on the street denoted by painted white line(s), flashing light(s), and/or pedestrian crossing sign(s)
19. Traffic calming device: A device intentionally designed to reduce traffic speed or volume, such as a roundabout, brick road, speed hump, flashing speed sign, or “watch for children” sign. Curb bulb-outs (technically crossing aids) are areas of the sidewalk/curb that extend into the street, mostly at intersections, to shorten pedestrian crossing distances.
19.a. Specify type: Write in the name or description of the traffic calming device.
20. Cul-de-sac?: Street design that does not connect to another street on one end, drivers must turn around at this end (e.g., dead end street)
20.a. Sidewalk or cut-through in cul-de-sac?: Sidewalk or path that connects a cul-de-sac to a nearby street or greenway without permitting passage of automobiles

Section D: Do you have a place to walk?

For Questions 21-32, place an X in the appropriate box () corresponding to Yes one side, Yes both sides, or No.

21. Sidewalk present?: A concrete walking area.
22. Any commercial buildings adjacent to sidewalk?: Commercial building that can be entered directly from the sidewalk along the street without crossing a parking lot
23. Any grassy or other buffer between curb and sidewalk along most of the segment?: A buffer includes grass, trees, flowerpots, and/or textured surfaces that provide separation between pedestrians and traffic [Note: This buffer should be present for the majority of the segment in order to be counted.]
23.a. Trees in the buffer?: Trees along the street segment that provide a buffer from traffic for pedestrians as well as aesthetic appeal.
24. Sidewalk continuous within segment?: There are no interruptions (other than driveways) in the sidewalk for the length of the segment.
25. Sidewalk continuous between segments at both ends?: The sidewalk continues in one or more directions beyond the segment being audited. This must be true for both ends of the segment.
26. Width \geq 3 ft. for most of the sidewalk segment?: Width can be estimated using the auditor’s foot (i.e., prior to auditing, determine how many “auditor’s feet” would equal 3 feet). [Note: In rare cases when parking lots and sidewalks are juxtaposed, do not count the parking lot when measuring the width of the sidewalk.]
27. Width $<$ 3 ft. for any part of the sidewalk segment?: By measuring with the auditor’s foot, determine if the walking area is less than 3 feet for *any part* of the sidewalk. The width may be $<$ 3 feet due to its original design, permanent obstructions, sidewalk disrepair (e.g., large broken sections), or other reasons.
28. Any missing curb cuts or ramps at intersections or driveways?: Missing curb cuts are places where there is no curb cut or ramp leading smoothly down from a sidewalk to a street or driveway. [Note: Short curbs ($<$ 3 inches) should not be counted (i.e., they are mountable for a person on a bike, with a stroller, or in a wheelchair).]
29. Any major bumps, cracks, holes, or weeds in the sidewalk?: Major misalignments or cracks are those that make it difficult for person with a stroller, in a wheelchair, or using a walker to maneuver

30. Any permanent obstructions (trees, signs, tables) blocking the 3 ft. walk area?: Obstructions that remain on the sidewalk on a daily basis, such as signs, tree/shrub overgrowth, street furniture, telephone poles, and fire hydrants [Note: This excludes cars, bicycles, garbage bins, leaves or branches, or any other temporary items on the sidewalk.]

31. Is there another safe place to walk?: Assess alternate places to walk if a sidewalk is not present or not continuous within a segment.

31.a. Street/shoulder?: A street with low traffic volume and speed or the side of street outside of traffic lanes that is safe from traffic

31.b. Unpaved pathway?: An unplanned path created over time by pedestrians (also known as a goat path)

31.c. Other: Any location pedestrians can walk that is not yet described by other response choices

32. Any pedestrian amenities?: Any features that enhance the experience for pedestrians using the street

32.a. Bench?: Includes public benches along the sidewalk, not in a park [Note: This excludes bus/transit stop benches.]

32.b. Drinking fountain?: Publicly accessible drinking fountain [Note: If the drinking fountain is not functional, then do not count it and note its condition in the notes section.]

32.c. Pedestrian-scale lighting?: Lighting positioned over the sidewalk, rather than the street, at about 12 to 15 feet above the sidewalk [Note: This does not include street lights pointed over the street.]

32.d. Other: Write in any other pedestrian amenities.

33. Tree shade on the walking area?: Amount of tree shade covering the sidewalk or other walking area at approximately noon [Note: During months when trees are without leaves, envision what shade the trees might provide with leaves. This does not include shade provided by buildings.] (Circle one.)

- None/a little: There is no or very minimal tree shade.
- Some: There is some tree shade but there are large sections of the segment without tree shade.
- A lot: The segment is nearly or fully covered with tree shade.

34. Steepest slope along the walking area? Compare the slope along the segment to a street with a flat slope (level) and a steep slope (hilly). (Circle one.)

- Flat/gentle: The slope is not noticeable to most individuals.
- Moderate: The slope does not act as a barrier to most pedestrians or bicyclists, but walking on the segment may increase some individuals' heart rates.
- Steep: The slope acts as a barrier to some individuals who are not active or those with physical limitations.

Section E: Do you have a place to bicycle?

For Questions 35-41, place an **X** in the appropriate box () corresponding to Yes one side, Yes both sides, or No.

35. "Share the Road" or "Designated bike route" sign?: Presence of a share the road street sign or a designated bike route street sign

36. Sharrow?: A sharrow is a marking on the street that shows a bicycle and arrow.

37. Bike lane present (marked lanes on the street specifically for bikes)?: Presence of a marked lane on the street, which is usually two solid white lines 3 feet apart with a bike symbol

38. On-street, paved, and marked shoulder?: Paved (not gravel) shoulders wide enough to walk or bike in (at least 3 feet) [Note: This does not include a shoulder intended primarily for parking.]

38.a. Shoulder \geq 4 ft.?: By estimating or using the auditor's foot, determine if the width of the marked shoulder is at least 4 feet.

38.b. Shoulder continuous between segments at both ends?: The shoulder continues in one or more directions beyond the segment audited. This must be true for both ends of the segment.

38.c. Any permanent obstructions in the shoulder (including drainage grates, parked cars)?: Legally parked cars and drainage grates in which the holes are aligned with the bicycle path (i.e., parallel to the street) [Note: This does not include garbage bins, vehicles illegally parked in the shoulder, or leaves and branches.]

39. Is it safe to ride on the street?: A street with low traffic volume and speed

40. Is there a wide outside lane (≥ 15 ft.)?: A lane wider than a typical lane, allowing bicycles to ride to the outside of the lane without obstructing traffic

41. Is there another safe place to bicycle on the street?: Street characteristics that may influence a pedestrian's or bicyclist's feelings of comfort and safety from traffic include perceived traffic volume and speed, aggressive drivers, and condition of crossing aids and medians.

41.a. Specify: Indicate alternate places to bike if a shoulder is not present or continuous within a segment.

42. Any bicyclist amenities?

42.a. Street lighting?: [Note: This does not include pedestrian scale lighting.] (Circle one.)

- None/a little: There is very little to no lighting on the segment.
- Some: The segment has limited lighting that is inadequate for safety.
- A lot: The segment has effective overhead lighting which is sufficient for safety.

42.b. Bike parking?: Structures along streets/sidewalks designed for locking bicycles (e.g., racks, lockers) Place an **X** in the appropriate box () corresponding to Yes one side, Yes both sides, or No.

Section F: What is the quality of the environment?

For Questions 43-45, place an **X** in the appropriate box () corresponding to Yes or No.

43. Buildings with broken/boarded windows?

- None or little (No): There was no graffiti or there were only 1-2 items that had a small amount of graffiti that would not be considered public art present. There were no broken/boarded windows or there were only 1-2 broken/boarded windows.
- Some or A lot (Yes): Several items in this segment contained graffiti (3 or more items), or 1-2 items had large displays of graffiti that would not be considered public art. Several windows (more than 3 windows) were broken/boarded.

44. Litter or broken glass on the ground?

- None/a little (No): There is not any or there is very minimal litter/broken glass in the segment.
- Some or A lot (Yes): A moderate amount of litter/broken glass is found in several places in the segment. The trash is noticeable but not necessarily indicative of routine neglect. / The street is heavily littered, indicating a very high volume of use or neglect. When evaluating the amount of litter and broken glass, envision an immaculate street in contrast to a heavily littered street for relative comparisons with the street being audited.

45. Public art?: Statues, sculptures, fountains, murals, or banners, if they stand out and enhance the aesthetic quality of the street [Note: This excludes artwork placed in the windows of commercial buildings or associated with residential buildings (e.g., yard art, private fountains).]

Comments?: An optional space for auditors to enter notes

Make sure you fill out the end time at the top of the first page.