

[Additional file 1] PIN3 Neighborhood Audit Instrument (Reference: Evenson et al, 2009, IJBNPA)

#	Item	Response Options
	Palm ID #	
	Rater ID #s	
	Date	
	Time of day	
	Street segment number	
	Street name	
1	Subjective assessment: Is this street walkable	Relative to other areas you have observed, please provide a subjective assessment. <input type="checkbox"/> Strongly agree <input type="checkbox"/> Agree <input type="checkbox"/> Disagree <input type="checkbox"/> Strongly disagree
RESIDENTIAL LAND USE		
2	Number of residential units	# (if 0, then skip entire section)
3	Types of residential housing <i>(mark all that apply)</i>	<input type="checkbox"/> Single family - detached <input type="checkbox"/> Multi-family/apartment/duplex <input type="checkbox"/> Mobile homes/trailer home <input type="checkbox"/> Housing authority/HUD projects <input type="checkbox"/> New construction / renovation
4	Overall condition of most residential units	<input type="checkbox"/> Excellent condition <input type="checkbox"/> Good condition <input type="checkbox"/> Fair condition <input type="checkbox"/> Poor/deteriorated condition <input type="checkbox"/> Mixed condition <i>(extreme differences)</i> <input type="checkbox"/> Cannot see because heavily wooded (if cannot see, then skip entire section) <input type="checkbox"/> Cannot see for some other reason (if cannot see, then skip entire section)
5	Overall condition of resident-kept grounds	<input type="checkbox"/> Not applicable - no grounds <input type="checkbox"/> Excellent condition <input type="checkbox"/> Good condition <input type="checkbox"/> Fair condition <input type="checkbox"/> Poor/deteriorated condition <input type="checkbox"/> Mixed condition <i>(extreme differences)</i>
6	Type of most front yards	<input type="checkbox"/> None <input type="checkbox"/> Traditional lawn <input type="checkbox"/> Landscaped <input type="checkbox"/> Heavily wooded <input type="checkbox"/> Mixed conditions <i>(extreme differences)</i>
7	Presence of porches	<input type="checkbox"/> None <input type="checkbox"/> Less than half <input type="checkbox"/> Half or more than half
8	Presence of some form of decoration	<input type="checkbox"/> None <input type="checkbox"/> Less than half <input type="checkbox"/> Half or more than half
9	Presence of border (fences/shrubs)	<input type="checkbox"/> None <input type="checkbox"/> Less than half <input type="checkbox"/> Half or more than half

10	Presence of visible security warning signs	<input type="checkbox"/> None <input type="checkbox"/> Less than half <input type="checkbox"/> Half or more than half
11	Any burned, boarded up, or abandoned residential units	<input type="checkbox"/> No <input type="checkbox"/> Yes
NONRESIDENTIAL LAND USE		
12	Presence of nonresidential commercial (i.e., restaurants, cafes) land use	<input type="checkbox"/> None <input type="checkbox"/> Yes, new construction / renovation <input type="checkbox"/> Yes, existing <input type="checkbox"/> Yes, new construction / renovation and existing
13	Presence of nonresidential industrial land use	<input type="checkbox"/> None <input type="checkbox"/> Yes, new construction / renovation <input type="checkbox"/> Yes, existing <input type="checkbox"/> Yes, new construction / renovation and existing
14	Presence of nonresidential agricultural land	<input type="checkbox"/> No <input type="checkbox"/> Yes, field or farm
15	Number of religious structures on segment	#
16	Overall condition of most buildings (commercial, industrial, agricultural, or religious)	<input type="checkbox"/> Not applicable <input type="checkbox"/> Excellent condition <input type="checkbox"/> Good condition <input type="checkbox"/> Fair condition <input type="checkbox"/> Poor/deteriorated condition <input type="checkbox"/> Mixed condition <i>(extreme differences)</i>
17	Any burned, boarded up, or abandoned nonresidential units (commercial, industrial, agricultural, or religious)	<input type="checkbox"/> No <input type="checkbox"/> Yes
18	Presence of home-based businesses (e.g., repairs, sales, etc)	<input type="checkbox"/> No <input type="checkbox"/> Yes
PUBLIC, RESIDENTIAL AND NONRESIDENTIAL SPACE / AESTHETICS		
19	Presence of land that is vacant / underdeveloped	<input type="checkbox"/> None (if none, skip to #21) <input type="checkbox"/> Less than half <input type="checkbox"/> Half or more than half
20	Overall condition of land that is vacant / underdeveloped	<input type="checkbox"/> Excellent condition <input type="checkbox"/> Good condition <input type="checkbox"/> Fair condition <input type="checkbox"/> Poor condition (illegal dumping) <input type="checkbox"/> Mixed condition <i>(extreme differences)</i>
21	General condition of public spaces	<input type="checkbox"/> Excellent condition <input type="checkbox"/> Good condition <input type="checkbox"/> Fair condition <input type="checkbox"/> Poor / deteriorated condition <input type="checkbox"/> Mixed conditions <i>(extreme differences)</i> <input type="checkbox"/> Not applicable (private road)

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22	Visible people	<input type="checkbox"/> None (skip to #24) <input type="checkbox"/> Children/youth only <input type="checkbox"/> Adults only <input type="checkbox"/> Children/youth and adults
23	Are the people being physically active	<input type="checkbox"/> No <input type="checkbox"/> Yes, children/youth <input type="checkbox"/> Yes, adults <input type="checkbox"/> Yes, children/youth and adults
24	Any public or neighborhood park or playground in this segment <i>(mark all that apply)</i>	<input type="checkbox"/> No (skip to #26) <input type="checkbox"/> Yes, park <input type="checkbox"/> Yes, playground <input type="checkbox"/> Yes, church park &/or playground
25	Overall condition of park and/or playground	<input type="checkbox"/> Excellent condition <input type="checkbox"/> Good condition <input type="checkbox"/> Fair condition <input type="checkbox"/> Poor / deteriorated condition <input type="checkbox"/> Mixed conditions <i>(extreme differences)</i>
26	Visible dogs	<input type="checkbox"/> No <input type="checkbox"/> Yes, none are loose and out of yard <input type="checkbox"/> Yes, at least one loose and out of yard
27	Amount of litter	<input type="checkbox"/> None (skip to #29) <input type="checkbox"/> A little <input type="checkbox"/> A moderate amount <input type="checkbox"/> A considerable amount
28	Type of litter <i>(mark all that apply)</i>	<input type="checkbox"/> Nonalcoholic cans/bottles/paper <input type="checkbox"/> Alcoholic cans/bottles <input type="checkbox"/> Large items (tires, furniture, appliances, cars) <input type="checkbox"/> Other litter
29	Amount of graffiti	<input type="checkbox"/> None <input type="checkbox"/> A little <input type="checkbox"/> A moderate amount <input type="checkbox"/> A considerable amount
WALKING AND BICYCLING AMENITIES		
30	Presence of sidewalk	<input type="checkbox"/> None (skip to #33) <input type="checkbox"/> One side of street, whole segment <input type="checkbox"/> One side of street, partial segment <input type="checkbox"/> Both sides of street, whole segment <input type="checkbox"/> Both sides of street, partial segment
31	Sidewalk buffer	<input type="checkbox"/> Adjacent to street or curb (no buffer) <input type="checkbox"/> Within 2 feet of street (buffer) <input type="checkbox"/> Between 2-6 feet of street (buffer) <input type="checkbox"/> Greater than 6 feet of street (buffer)
32	Sidewalk condition	<input type="checkbox"/> Good (very few bumps/cracks/holes) <input type="checkbox"/> Fair (some bumps / cracks / holes) <input type="checkbox"/> Poor (many bumps / cracks / holes) <input type="checkbox"/> Under repair
33	Presence of footpath along road	<input type="checkbox"/> None <input type="checkbox"/> One side of street, entire length <input type="checkbox"/> One side of street, partial length <input type="checkbox"/> Both sides of street, entire length <input type="checkbox"/> Both sides of street, partial length

34	Any trails that you can see in this segment	<input type="checkbox"/> No <input type="checkbox"/> Yes, soft surface <input type="checkbox"/> Yes, hard surface <input type="checkbox"/> Both hard and soft surface
35	Trees shading walking area	<input type="checkbox"/> No trees along segment <input type="checkbox"/> Yes, some trees along segment <input type="checkbox"/> Yes, trees along entire segment
36	Public lighting	<input type="checkbox"/> None <input type="checkbox"/> Road oriented <input type="checkbox"/> Pedestrian oriented <input type="checkbox"/> Both road and pedestrian oriented
TRANSIT AND ROAD CHARACTERISTICS		
37	Transit facilities (mark all that apply)	<input type="checkbox"/> None <input type="checkbox"/> Bus stop without bench or shelter <input type="checkbox"/> Bus stop with shelter <input type="checkbox"/> Bus stop with bench
38	Number of lanes	Min number of lanes to cross: _____ Max number of lanes to cross: _____
39	Is road paved	<input type="checkbox"/> No <input type="checkbox"/> Yes, paved only <input type="checkbox"/> Both, paved and gravel
40	Highest speed limit for segment	MPH: # _____ (if unknown enter 0)
41	Presence of a shoulder or bike lane	<input type="checkbox"/> No <input type="checkbox"/> Yes, soft surface <input type="checkbox"/> Yes, hard surface but not a bike lane <input type="checkbox"/> Yes, hard surface bike lane
42	On-street parking	<input type="checkbox"/> None or not allowed <input type="checkbox"/> Allowed, but restricted <input type="checkbox"/> Allowed, no restriction
43	Traffic control devices, crossing aids, and signs in segment (mark all that apply)	<input type="checkbox"/> None <input type="checkbox"/> Traffic light(s) <input type="checkbox"/> Flashing warning sign(s) <input type="checkbox"/> Stop sign(s) <input type="checkbox"/> Pavement marking / crosswalk(s) <input type="checkbox"/> Yield to pedestrian paddles / signal / crossing street sign(s) <input type="checkbox"/> "Share the road" bicycle sign <input type="checkbox"/> Other pedestrian or bike friendly traffic signs <input type="checkbox"/> Bicycle parking facilities <input type="checkbox"/> Speed bumps <input type="checkbox"/> Median / traffic island <input type="checkbox"/> Curb extension(s) <input type="checkbox"/> Neighborhood entrance signs <input type="checkbox"/> Neighborhood crime watch <input type="checkbox"/> No trespassing(s) <input type="checkbox"/> Beware of dog / invisible fence <input type="checkbox"/> Billboard

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Acknowledgments:

The audit instrument was developed from:

(1) Caughy M, O'Campo P, and Patterson J. A brief observational measure for urban neighborhoods. Health Place 2001; 7:225-36.

(2) Pikora T, Bull F, Jamrozik K, Knuiman M, Giles-Corti B, Donovan R. Developing a reliable audit instrument to measure the physical environment for physical activity. Am J Prev Med 2002; 23:187-94.

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