

Irvine Minnesota Inventory **for Observation of Physical Environment** **Features Linked to Physical Activity**

Training Protocol

To cite: Alfonzo, M., Day, K., & Boarnet, M. (2005). Irvine Minnesota Inventory for observation of physical environment features linked to physical activity. Training protocol. Accessed at: <<https://webfiles.uci.edu/kday/public/index.html>>.

Instructions

- ⇒ This training protocol is intended to accompany the Codebook for the Inventory. It illustrates those features that will be observed that may need examples or clarification.



Segment Level Questions

Kris Day:

Add marker that is not a sign with words

ers,

Neighborhood Entry Signs

1. Are there monuments or markers including neighborhood entry signs that indicate that one is entering a special district or area?	Yes	No
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Crosswalks

2a. Consider the places on the segment that are intended for pedestrians to cross the street. How many of these places are marked for pedestrian crossing?

All

Some

None

N/A

Crosswalks

2b. Determine what type of marking the crosswalks have? Mark all that apply.



White painted lines



Colored painted



Zebra striping



Different road surface or paving

White painted lines	Yes	No
Colored painted lines	Yes	No
Zebra striping	Yes	No
Different road surface or paving	Yes	No
Other	Yes	No

Curbs Cuts

3. Are there curb cuts at all places where crossing is expected to occur?

All expected crossing places have curb cuts

One ore more expected crossing places are missing a curb cut(s)

N/A (no curbs or no expected crossing places)



Ped Crossing Signs /Signals /System

4. Determine what type of traffic/pedestrian signal(s)/system(s) is/are provided? Mark all that apply.



Traffic Signal



Stop Sign



Yield Sign



Pedestrian activated signal



Ped Crossing Sign



Pedestrian Overpass

Traffic signal	Yes	No
Stop sign	Yes	No
Yield sign	Yes	No
Pedestrian activated signal	Yes	No
Pedestrian crossing sign	Yes	No
Pedestrian overpass/underpass/bridge	Yes	No

Banners

7. Does the segment have banners that identify the neighborhood?

None

Few

Some/
a lot



Pedestrianized Street

8a. Is this a pedestrianized street?

Yes

No



One-Way vs. Two Way

8b. Is the street a ...

One-way

Two-way



One-way



Two-way

Alleys

9. Is this segment an alley?

Yes

No



Left: alley behind buildings. Right: neighborhood where garages are all reached behind the homes, from the alley. No driveways are visible from the street.

Vehicle Lanes



8 lanes
(including
turning
lanes)



3 lanes
(including
turning
lane)

10. How many **vehicle lanes** are there?
(Include turning lanes)

1

2

3

4

5

6+

N/A (no lanes for car travel)

Views



Left: Significant open view. Right: Not a significant open view.



11a. Is this segment characterized by having a **significant open view** of an object or scene that is not on the segment? The view must be a prominent one.

Yes

No

11b. How attractive is the open view?

Unattractive

Neutral

Attractive

N/A (no view)

Land Uses

12a. What types of land uses are present on this area? Mark all that apply.

Single Family Home - Detached



Single Family Home/Duplex - Attached



Town Homes, Condos, Apartments



Mobile Homes



Plazas, Squares



Light Industrial



Medium, Heavy Industrial



Vertical Mixed Use

12b. Are there buildings on this segment that contain vertical-mixed use, that is, the building has different land uses on different floors of the building?	Yes	No	N/A (no buildings/all buildings are one story)
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Residential on top, retail below

Distinctive Retail Types

12c. Determine whether any of these building types are present (focusing on the form of the building).	Big box shops	Yes	No
	Shopping mall	Yes	No
	Strip mall/row of shops	Yes	No
	Drive-thru	Yes	No

Big Box Shop



Shopping Mall



Strip Mall



Drive-thru



Public Space

13a. Mark off all types of public space(s) on this segment and how attractive it is.	Park/playground	No space	Unattractive	Neutral	Attractive
	Playing or sport field	No space	Unattractive	Neutral	Attractive
	Plaza /square /courtyard	No space	Unattractive	Neutral	Attractive
	Public garden	No space	Unattractive	Neutral	Attractive
	Beach	No space	Unattractive	Neutral	Attractive
	Other	No space	Unattractive	Neutral	Attractive



Park/playground



Playing or sport field



Plaza/square/courtyard



Public garden



Beach

Kris Day:

Add N/A

Public Space

13b. Is it possible for the general public to use the public space(s) ?	Yes	No	Unclear
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Other Types of Land Uses

14. How many of these land uses are present on this segment?	Bars/night clubs	None	Few	Some/ A lot
	Adult uses	None	Few	Some/ A lot
	Check cashing stores/ pawn shops/bail bond stores	None	Few	Some/ A lot
	Liquor stores	None	Few	Some/ A lot



Bars/night clubs



Adult uses



Bail bonds



Liquor store

Gathering Places

15. How many of the following gathering places are on this segment?

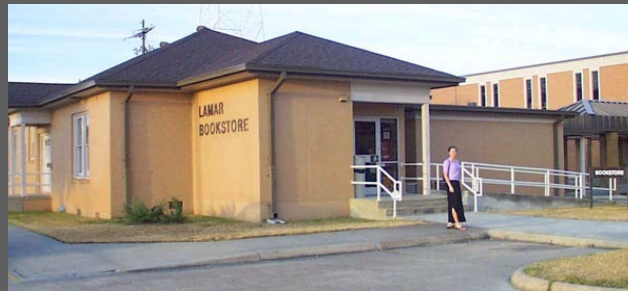
Restaurants	None	Few	Some/A lot
Coffee shops	None	Few	Some/A lot
Libraries/bookstores	None	Few	Some/A lot
“Corner” store	None	Few	Some/A lot
Art or craft galleries	None	Few	Some/A lot
Farmers’ market	None	Few	Some/A lot
Other	None	Few	Some/ lot



Restaurant



Coffee Shop



Library/bookstore



Corner Store



Gallery



Farmers’ Market

Nature Features

16. Are these nature features present on this segment?



Lake/pond



Open field/golf course



Fountain/
reflecting
pool



Stream/
river/
canal/
creek



Ocean



Forest or woods



Mountain or hills



Desert

Lake/pond	Yes	No
Open field/ golf course	Yes	No
Fountain/reflecting pool	Yes	No
Stream/river/canal/creek	Yes	No
Ocean	Yes	No
Forest or woods	Yes	No
Mountain or hills	Yes	No
Desert	Yes	No

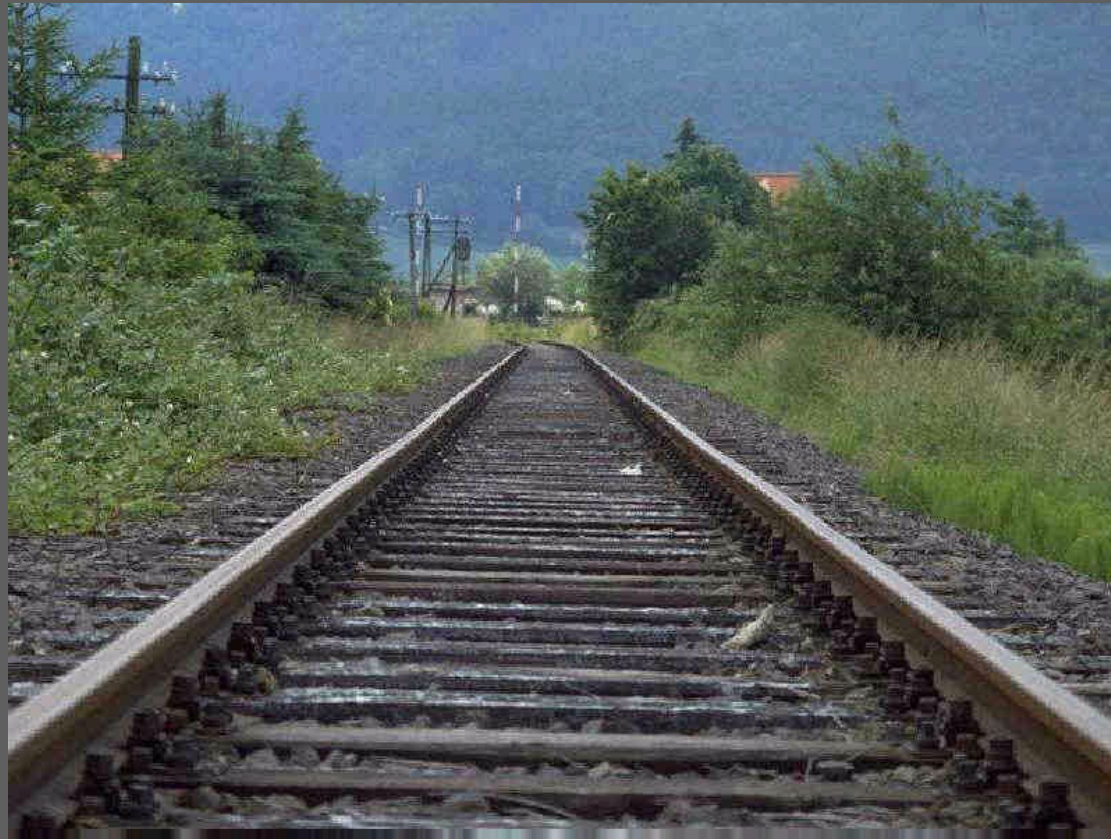
Existence of Barriers

<p>17. Are the following barriers present on this segment. Check all that apply and whether barrier can be overcome (e.g. there is a pedestrian bridge)</p>	Highway (elevated or below ground)	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome
	Railroad track	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome
	Impassable land use (e.g., gated community, major industrial complex, etc.)	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome
	River	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome
	Drainage ditches	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome
	Road with 6 or more lanes	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome
	Other	No barrier	Can be overcome	Can be somewhat overcome	Cannot be overcome

Highway



Railroad Track



Impassable Land Use (E.G., Gated Community, Major Industrial Complex, Etc.)



River



Drainage Ditch



Road With Six or More Lanes



Sidewalks

18a. How many sides of the street have sidewalks?

0

1

2



This illustrates a sidewalk that is incomplete. For 18a, this would still count as having a sidewalk on that side of the street. For 18b, you would mark “yes” – it is incomplete on at least one side

18b. Is the **sidewalk complete** (on one or both sides)?

Yes

No

N/A

Sidewalks

18c. What is the condition or maintenance of the sidewalk?	Poor	
	Moderate or good	
	Under repair	
	N/A (no sidewalk)	



Poor



Moderate or good



Under repair

18d. Is there a decorative or unique paving on that covers most or all of the sidewalk on the segment? (e.g., bricks, tile, etc.)	Yes	No	N/A
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Sidewalk paving

Sidewalks

18e. Determine how much of the sidewalk is covered by these features that provide protection from sun, rain, and/or snow	Arcades	No/little of sidewalk covered	Some/much of sidewalk covered	N/A
	Awnings	No/little of sidewalk covered	Some/much of sidewalk covered	N/A
	Other	No/little of sidewalk covered	Some/much of sidewalk covered	N/A



Arcade



Awning

Buffers

18f. Is there is a buffer (for example, parked cars, landscaped “buffer” strip, etc.) between sidewalk or street.

Yes

No

N/A



Angled Street
Parking



On-street Parking



Landscape “buffer”



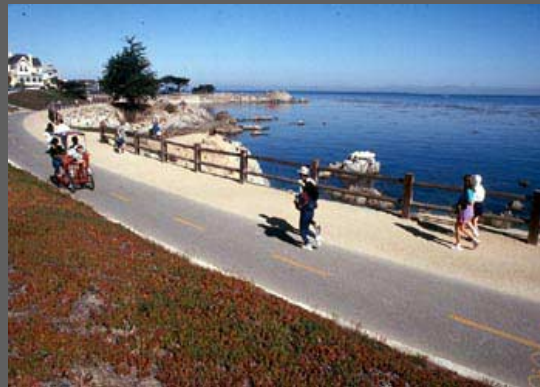
Bollards

Sidewalks/greenbelts/trails/paths

19. Are there sidewalks/greenbelts/trails/paths other than sidewalks along street?

Yes

No



The trail, off-road bike paths, and greenbelt system, above, are all examples of pedestrian pathways other than sidewalks that follow the street.

Bicycle Lanes

20a. Are there bicycle lanes on the segment?

Yes

No

20b. How are the bicycle lanes demarcated?

On road, painted line/reflectors

On road, physical separation

Off road

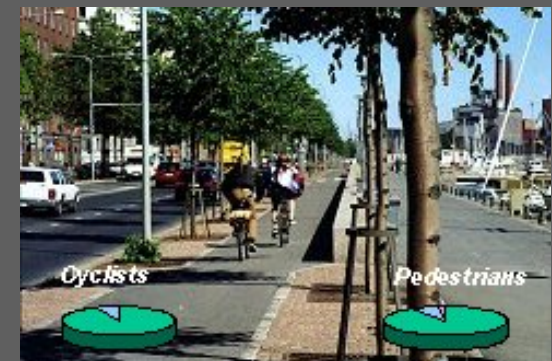
N/A (no bicycle lane)



On Road – separated by line/reflector



On Road – physically separated



Off Road

Midblock Crossing

21a. Is there a marked mid-block crosswalk for pedestrians?

Yes

No



Midblock Crossing

21b. What type of marking do the crosswalks have? Mark all that apply.



White painted lines



Colored painted



Zebra striping



Different road surface or paving

White painted lines	Yes	No	N/A (no marked mid-block crossing)
Colored painted lines	Yes	No	N/A (no marked mid-block crossing)
Zebra striping	Yes	No	N/A (no marked mid-block crossing)
Different road surface or paving	Yes	No	N/A (no marked mid-block crossing)
Other	Yes	No	N/A (no marked mid-block crossing)

Steepness

22. How steep or hilly is this segment? Mark all that apply.

Flat or gentle

Moderate slope

Steep slope



Flat or gentle



Moderate



Steep

Outdoor Dining

23. Determine how many **outdoor dining areas** (e.g. cafes, outdoor tables at coffee shops or plazas, etc) are located on the segment?

None

Few

Some/
A lot



Street Furniture

24a. Indicate how many of each of the following street furniture/sidewalk amenities is/are present on the segment.	Benches (not a bus stop), chairs and/or ledges for sitting	None	Few	Some/a lot
	Bus stops with seating	None	Few	Some/a lot
	Heat lamps	None	Few	Some/a lot
	Bike racks	None	Few	Some/a lot



Benches



Bus Stops



Bike Racks

Public Restrooms

25. Are there obvious public restrooms on this segment that are clearly open to the public?

Yes

No



Street Trees

26a. How many street trees are on this segment? (Do not include trees that are not on the public right of way; street trees are typically between the sidewalk and the street or if there is no sidewalk, trees usually line the street)

None/
few trees

Some
trees/trees along
most or entire
segment



None/ few trees



Some trees/trees along most or entire segment



Street Trees

26b. Is the sidewalk shaded by trees?

Yes/somewhat

No

N/A (no sidewalk)



Yes/ somewhat shaded



No shade

Building Height

27. How many stories are most buildings on the segment?

1-2

3-4

5
or
more

Heights vary,
no
predominant
height

N/A
(no
buildings)



1-2 stories



3-4 stories



5 or more stories

Abandoned Buildings

28. Are there **abandoned buildings** on this segment?

None

Few

Some/
a lot

N/A (no
buildings)



:still need pic of
"no"

Building Coverage

29. Does at least 50% of the segment have buildings?

Yes

No



Yes

Bars on Windows

30. How many building windows on this segment have bars?

None

Few

Some/
a lot

N/A (no windows/
no buildings)



Front Porches

31. How many buildings on this segment have front porches?

None

Few

Some/
a lot

N/A
(no buildings)



Blank Street Walls

32. How much of the segment has **blank walls or buildings with blank walls**?

None

Few

Some
/ a lot



Garages

33a. How many buildings have garage doors facing the street?

None

Few

Some/
a lot

N/A
(no buildings)



None



Few



Some/ a lot

:still need pic for
"not very visible"

Garages

33b. How prominent are most garage doors when looking at the front of the buildings?	Very	
	Somewhat	
	Not very /not visible	
	N/A (no garage doors facing the street)	



Very



Somewhat

Not very/not visible

Parking Structure

34a. Is there a **parking structure** visible on this segment (do not include parking structures that are completely underground)?

Yes

No



Parking Structure

34b. Looking at the front of the parking structure on the street level floor, what is the predominant use that is visible to you?

Parking

Varied

Not parking

N/A (no parking structure)



Parking



Varied



No parking other uses

Parking Lot

35. Is there a parking lot that “fronts” the street on either side of the segment?

Both sides

One side

No lots



:still need pic for "few".

ways

Not sure that "some/a lot" will make sense to non-planners. Can you use photo instead of plan?

driveways are visible on the	None	Few	Some/ a lot
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None



Few

Some/ a lot

Building Maintenance

37. Describe the general maintenance of the buildings on this segment.

Attractive

Neutral

Unattractive

N/A (no buildings)



Attractive



Neutral



Unattractive

:still need pic of unattractive

Landscape Maintenance

38. Describe the general maintenance of the landscaping on this segment.	Attractive	Neutral	Unattractive	N/A (no landscaping)
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Attractive



Neutral

Unattractive

Graffiti

39. How much graffiti is apparent on this segment?

None

Little

Some/ a lot



None



Little



Some/ a lot

Litter

40. How much litter is apparent on this segment?

None

Little

Some/ a lot

None



Little



Some/ a lot

Dumpsters

41. Are there dumpsters visible on this segment?

None

Little

Some/ A lot



None



Little



Some/ A lot

Overhead Wiring

42. Is there visible electrical wiring overhead on the segment?

None

Little

Some/ A lot



No overhead wiring



Little overhead wiring



Some/ A lot of overhead wiring

Outdoor Lighting

43. Is there **outdoor lighting** on the segment? (Include lighting that is intended to light public paths and public spaces)

Yes

No

Lighting



Freeways

44. Is there a freeway overpass/underpass connected to this segment?

Under a freeway overpass

Next to a freeway

IS a freeway overpass

None of the above



Under a freeway overpass



Next to a freeway



IS a freeway overpass

Kris Day:

Add Yes No response for each; cut "other"

Traffic Calming

<p>46. Are there measures on this segment that could slow down traffic? Mark all that apply.</p>	Speed bump/speed hump/raised crosswalk or dips (that are intended to slow down traffic)	
	Rumble strips or bumps (includes dots, reflectors, raised concrete strips, etc.)	
	Curb bulb out/curb extension	
	Traffic circle/roundabout	
	Median	
	Angled/ On-street parking (that runs along most or the entire segment - does not have to be on both sides of segment)	
	Other	

Speed Hump, Raised Crosswalk



Curb Bulb Out/ Curb Extension



The curb “bulb out” shortens the distance across the street for pedestrians, and narrows lanes of traffic for vehicles.

Traffic Circle/Roundabout



Median



Cul-de-sacs/Street Closings

47a. Is there a cul-de-sac or permanent street closing on this segment?

Yes

No



Cul-de-sac



Street closing

47b. Is there a **pedestrian access point** or cut through point that allows pedestrians to go from one segment to another even though vehicular traffic may not be able to)?

Yes

No

Don't know

N/A



Pedestrian access point

Street Vendors/Stalls

51. How many **street vendors or stalls** are on this segment? (may be selling food, newspapers and magazines, etc; may sell from carts, semi-permanent or permanent stalls, or directly on the sidewalk; do not count newspaper racks; there must be a person “manning” the stall)

None

Few

Some/a lot



Public Art

52. Is there public art that is visible on this segment?

Yes

No



Billboards/Posters

53. Are there billboards present on this segment?

None

Few

Some/
a lot



None



Few



Some/ a lot

The background of the slide features a landscape with a bright yellow horizon line. Above the horizon, the sky is a mix of light and dark grey, suggesting a cloudy or overcast day. The overall aesthetic is modern and minimalist.

Setting Level Questions

Kris Day:

Please update to fit revised version of instrument

Dominant Land Uses

1b. Which of these dominant land uses best describes this setting?	Residential	
	Mixed use	
	Other	

Residential



Mixed Use



Other



Other



Presence of railroad

8. Is there a railroad/railroad track present in this setting?

Yes

No

