

## Pedestrian Environment Data Scan

# Observers Training 



Tracy McMillan
Modified from:
Kelly J. Clifton, PhD
Andréa D. Livi

## Session Outline

- Introduction
- Street Segments \& Survey Procedure
- Detailed Description of Each Question
- Practice Segments
- Discussion \& Conclusion


# Street Segments and Survey Procedure 



Detailed
Description of Fach Question

## Questionnaire Sections

- ID Info
- Section O: Segment Type
- Section A: Environment
- Section B: Pedestrian Facility
- Section C: Road Attributes
- Section D: Walking/Cycling Environment
- Section SA: Subjective Assessment


## Question 0

Type of Segment

- Low Volume Road (residential street)
- High Volume Road (arterials/collectors)

Pedestrian Path (if answer this, then you will skip section C)


Section At Environment

## Question 1

Types of Buildings/Features

- Housing - Single Family
- Housing - Multi Family
- Housing - Mobile Home
- Office/Institutional
- Commercial/Restaurant
- Industrial
- Vacant/Undeveloped
- Recreation
- Surface parking lot
- School
- Area of worship


## Q1 - Types of Bulldings/Features Single Family Mult Family



## Q1 - Types of Bulldings/Features Mobile Homes



浸象

## Q1 - Types of Bulldings/Features Office/Institutional <br> Commercial



# Q1 - Types of Bulldings/Features 

Vacant
Recreation


Surface parking lot

## Question 2

## Slope

Flat
Slight Hill
Steep Hill

## C2-SIope <br> Flat



## Q2-Slope Slight Hill



## Q2-SIope Steep Hill




## Question 3

## Segment Intersections

Dead ends
Segment continues
Road ends, path continues

## Segment intersections



Segment continues

Road ends, path continues


Road dead ends (cul de sac)

Section By Pedestrian Facility

## Question 4

Type(s) of Pedestrian Facility

- Footpath (worn dirt path)
- Paved Trail
- Sidewalk
- Pedestrian Street (closed to cars)
- None (skip to section C)


## Q4 - Pedestrian Facility No Path



## Q4 - Pedestrian Facility Trail/Footpath



## Q4 - Pedestrian Facility Paved Trail



## Q4 - Pedestrian Facility Sidewalk



# Q4 - Pedestrian Facility Pedestrian Street 



## NOTE:

The rest of the questions in section $B$ refer to the BEST pedestrian facility in the segment.

## Question 5

Path Material

- Asphalt
- Concrete
- Paving Bricks or Stone
- Gravel
- Dirt or Sand
check all that apply


## Q5 - Path Material Asphalt



## Q5 - Path Material Concrete



边

## Q5 - Path Material Paving Bricks or Stone



## Q5 - Path Material Gravel



## Q5 - Path Material <br> Dirt or Sand



## Question 6

Path Condition/Maintenance

- Poor (many bumps, cracks, holes and weeds)
- Fair (some bumps, cracks, holes and weeds)
- Good (very few bumps, cracks, holes and weeds)
- Under Repair


## Q6 - Path Condition/Maintenance Poor



## Q6 - Path Condition/Maintenance Fair



## Q6 - Path Condition/Maintenance Good



## Question 7

Path Obstructions

- Poles or Signs
- Parked Cars
- Trees/Greenery
- Garbage Cans
- Other
- None


## Q7-Path Obstructions



## Question 8

Buffers Between Road and Path

- Fence
- Trees
- Hedge
- Landscape
- Grass
- None


# Q8-Buffers Fence 

## Hedges



# Q8-Buffers Landscape 

## Grass



## Q8-Buffers <br> Trees and Grass



## Question 9

Path Distance from Curb

- At Edge
< 5 feet
> 5 feet


## Q9 - Distance from Gurb



## Question 10

Sidewalk Width

- $<4$ feet
- 4 to 8 feet
> 8 feet


## Q10 - Sidewalk Widith



4-8 feet
$>8$ feet

## Question 11

Curb Cuts

- None
- 1 to 4
- More than 4


## Q11 - Curb Guts



## Question 12

Sidewalk Completeness/Continuity
Sidewalk is Complete
Sidewalk is Incomplete

## Q12 - Sidewalk Completeness/Gontinulty



A complete sidewalk is one that does not end WITHIN the segment that is being observed.

This sidewalk is incomplete.

## Question 13

Connectivity to Other Sidewalks

- Number of Connections


## Q13 - Sidewalk Gonnectivity



