LTD’s Pedestrian Network Analysis (PNA) Pilot Project
Transit depends on safe and convenient pedestrian access
What the ltd.pna package tool does

• Ingests data of where things are, calculates proximity of LTD bus stops to:
  (examples)

  • High # Transit Ons/Offs
  • Schools, Parks
  • Grocery Stores
  • Affordable Housing
  • Social Services
  • Senior Housing
  • Paratransit Activity
  • Bus Ramp Deployments
  • Stop Amenities
  • Sidewalk data
  • Crash data (pedestrian)
  • Signals and Crossings
  • Roadway Speed

Transit Demand

Opportunities

Infrastructure
(Deficiencies)
Apply context, make judgements

1) Sort Scores

2) Find “hot spots” and clusters

3) Compare to Equity Demographics

4) Create long list of Priority areas (30+ in pilot)

5) Share products, stop list, scores, with regional partner agencies, then engage in selection of short list (8+ in pilot) and methodology for fieldwork
What the ltd.pna package tool does

- Sort Scores
Fieldwork & Report

Focus Area: Division
Intersections: 1 to 2
Block Faces: 1 to 17

Notes:

B.F.4: Tree roots causing upheaval on sidewalk

Pedestrian Network Analysis
Report on Field Observations and Recommendations

Lane Transit District

January 2019
Next Steps

• Capture value of work to date
  - FTN Passenger Boardings Improvements
  - improve ltd.pna methods

• Assess/expand scope
  - review literature
  - balance stop spacing/prioritize improvements?
  - develop guidelines?
  - pursue funding/create program

• Collaboration is key
  - establish ground rules
Questions? Advice on next steps?
