

N. Fessenden St. / N. St. Louis Ave.



between
N. Columbia Way and
N. Lombard Street

Donna Cohen
December 3, 2009
PBOT/PSU Transportation Class



The background of the slide is a light gray topographic map with contour lines. In the lower-left corner, there is a faint compass rose with a needle pointing towards the top-left, and cardinal directions labeled: N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), and NW (Northwest).

Walking

Simple

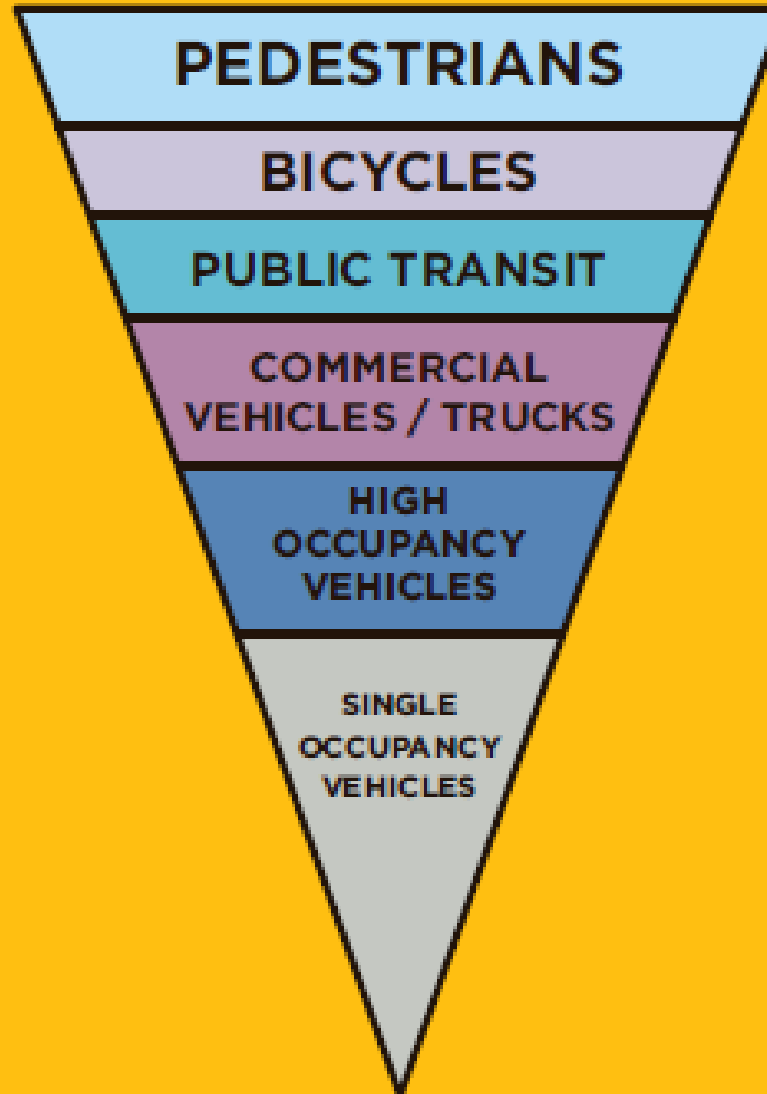
Cheap

Healthy

Available to Every Age



TRANSPORTATION HIERARCHY

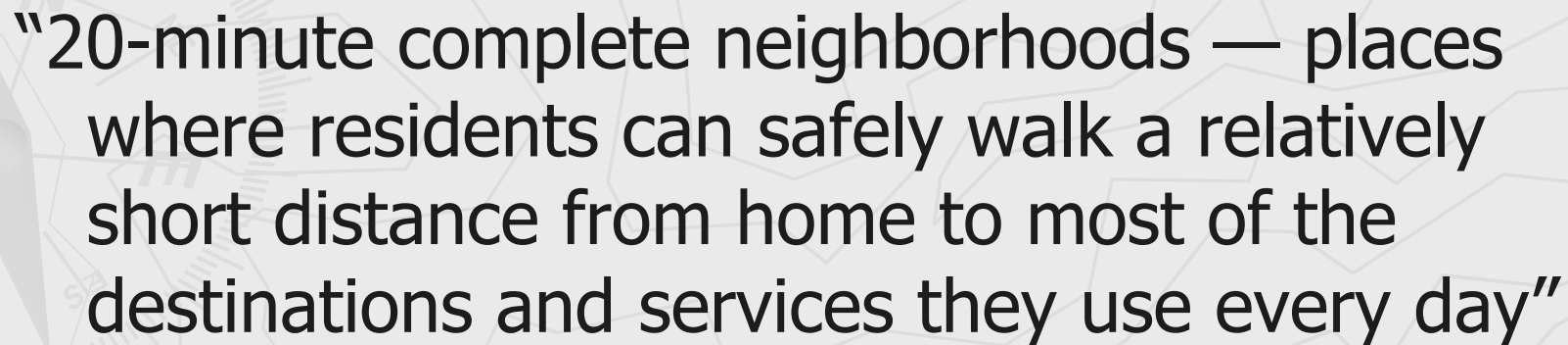




Objective 5 Climate Action Plan

“Create vibrant neighborhoods where 90 percent of Portland residents ... can easily walk or bicycle to meet all basic daily, non-work needs and have safe pedestrian or bicycle access to transit.”

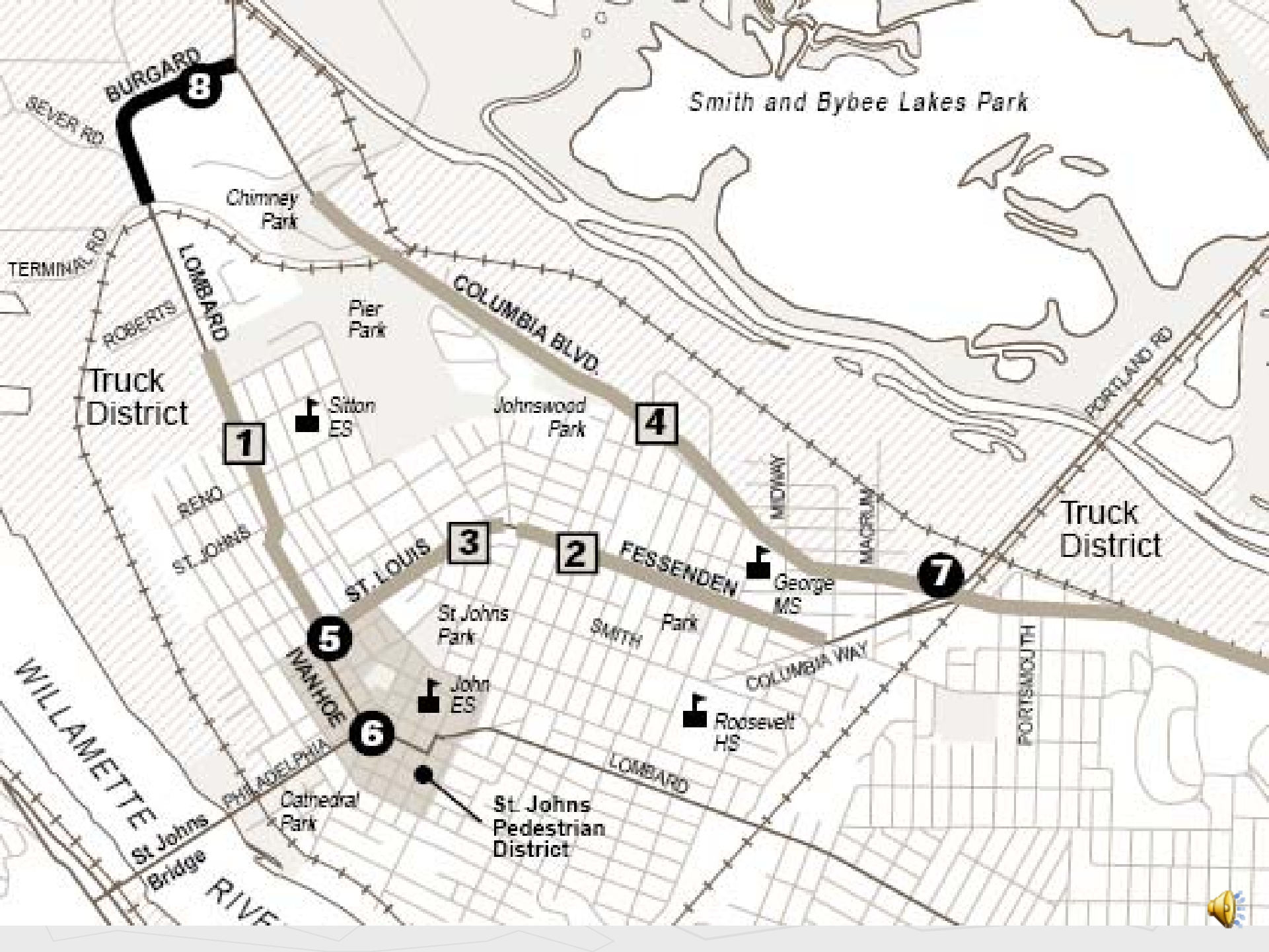
“20-minute complete neighborhoods — places where residents can safely walk a relatively short distance from home to most of the destinations and services they use every day”



If you live above N. Fessenden you
must cross N. Fessenden to:

- ✓ Reach the shops in downtown St. John's
- ✓ Reach the library, the community center
and the elementary school.





Smith and Bybee Lakes Park

Chimney Park

Pier Park

Johnswood Park

Truck District

Truck District

Sifton ES

George MS

St John's Park

St John's Park

Roosevelt HS

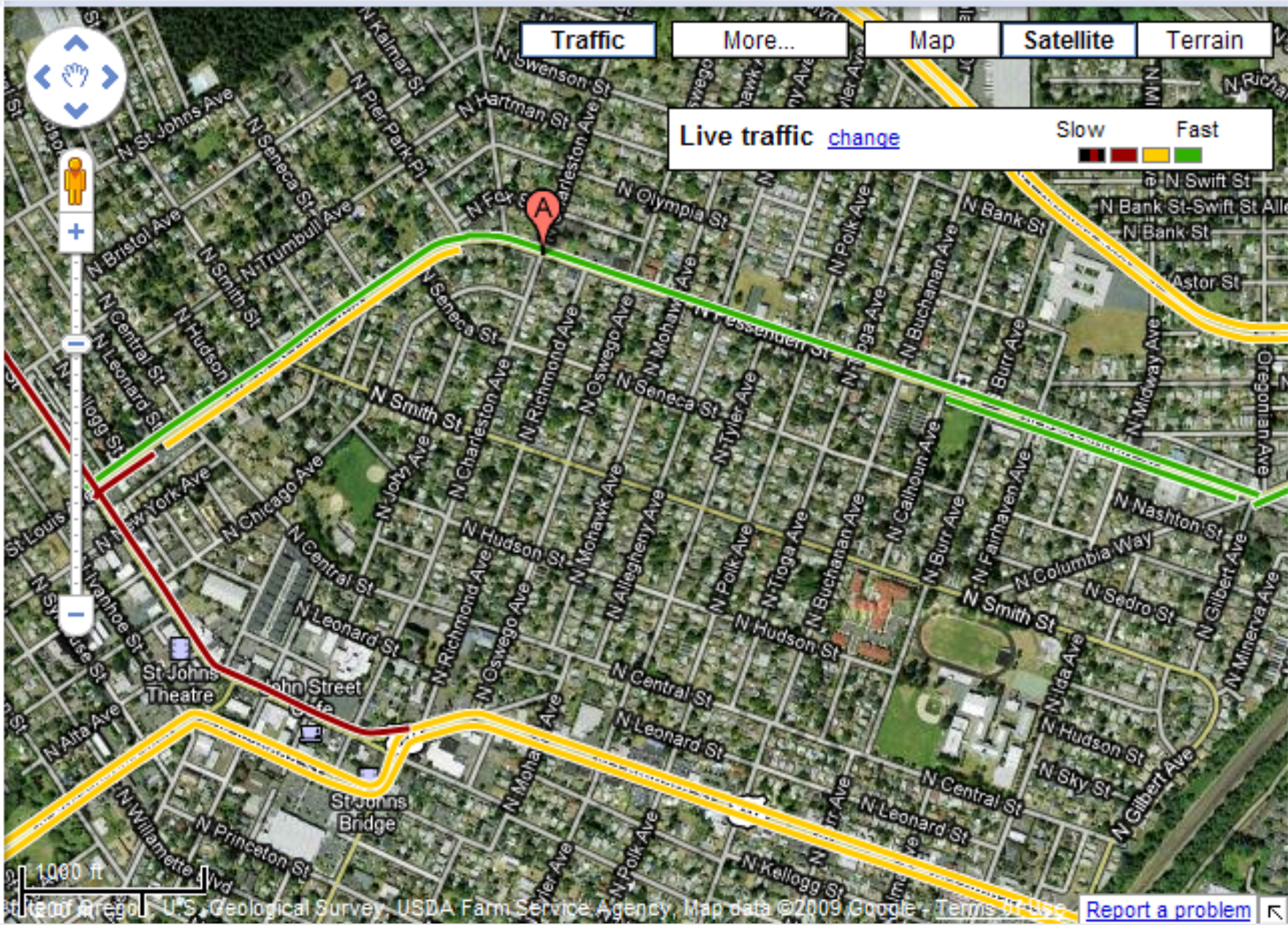
John ES

St. Johns Pedestrian District

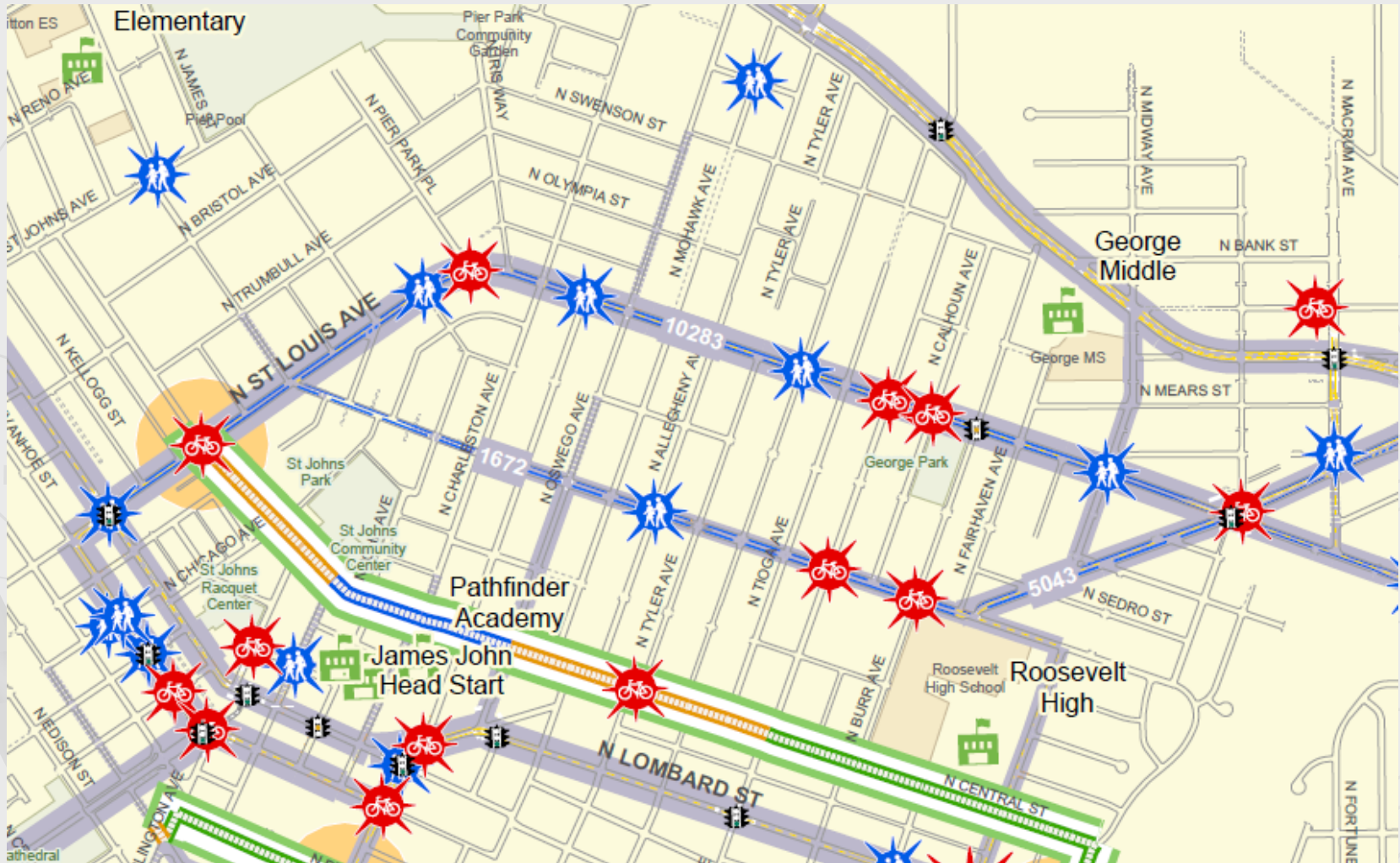
Cathedral Park

WILLAMETTE RIVER





24-76 Ped injury accidents 1995-2004



From PBOT: SAFE AND SOUND STREETS
Family Friendly Pedestrian and Bicycle Routes - North

High traffic volume – >50,000

**N. Fessenden / N. St. Louis
is the only Neighborhood Collector
of its type because:**

N. Fessenden is wider than any other neighborhood collector

It is used routinely as a cut through for freight truck traffic from I-5 to the industrial area west of St. John's



N. Fessenden / N. St. Louis – between N. Columbia Way and N. Lombard St.

Is 1 ½ miles long

Has 24 intersecting streets

Has a traffic calming device at ONE
intersection only

[Well, ok, maybe two, if you count
the flashing yellow at N. Oswego
which no one pays attention to.]



Intersection of N. Fessenden and N. Charleston Ave.

These pictures were taken about 3:00 pm within a span of about 5-7 minutes. Feb, 2009



Coming around the blind curve.



Blind Curve – Video Clips

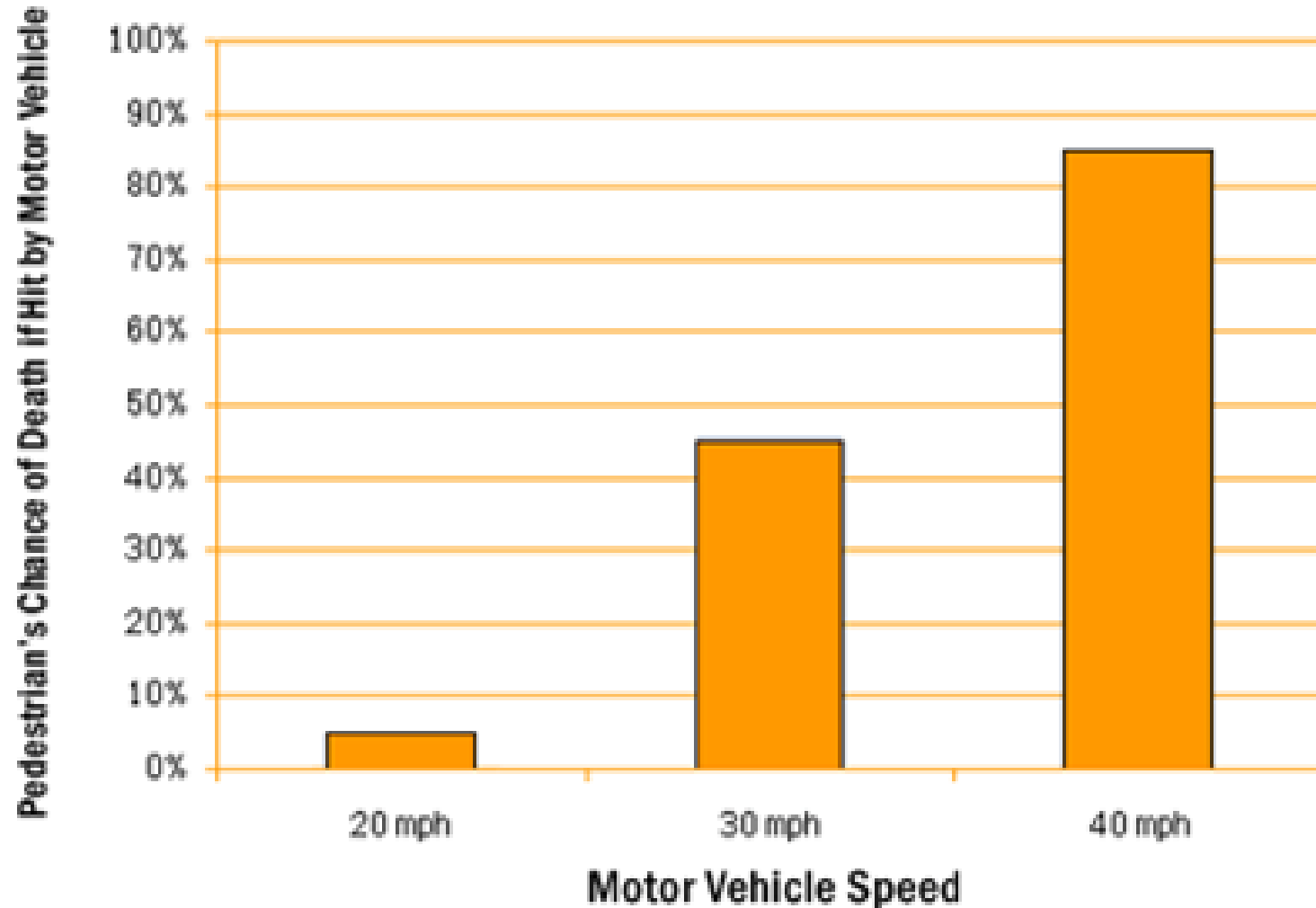
Fessenden / St. Louis going west

Fessenden / St. Louis going east

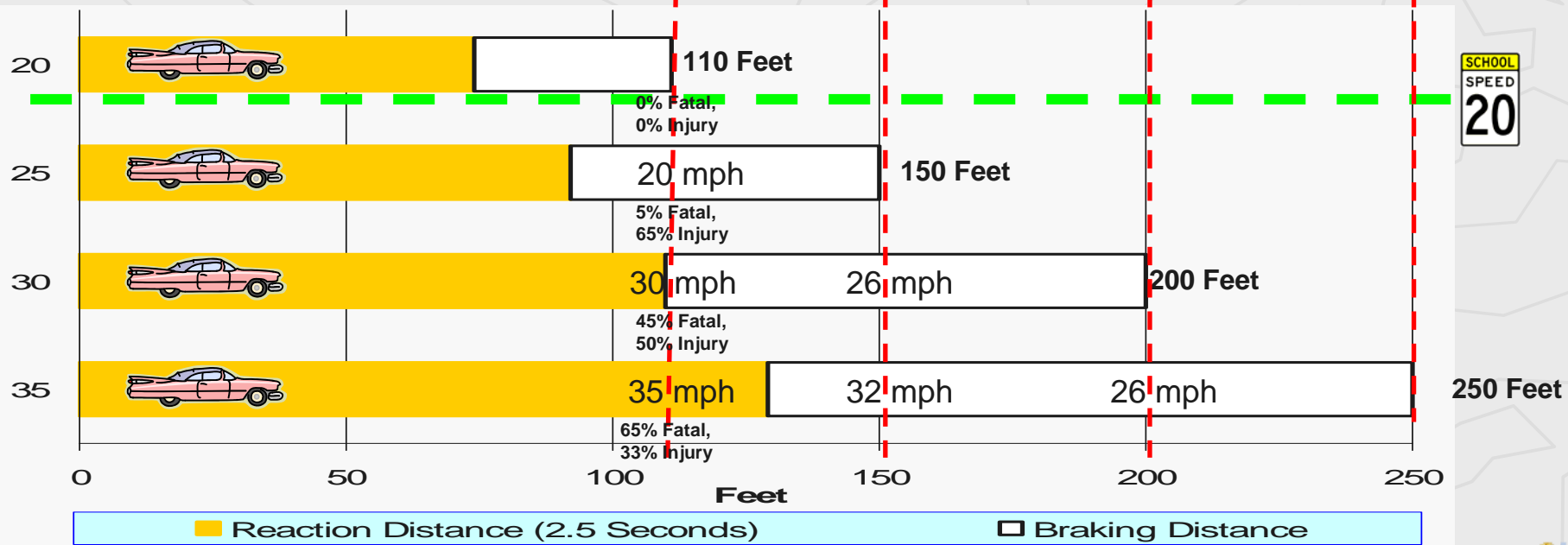


The laws of physics

Pedestrian Fatalities Based on Speed of Vehicle



Effects of speed on stopping distance




– “Safety is our priority”

Sue Keil

10/8/2009 PBOT class presentation





“...tremendous decline in walking and physical activity as we’ve built more and more roads that are really hostile and unsafe for pedestrians”.

Dr Linda DeGutis, Associate Professor , Yale University Dept. of Public Health, on NPR Morning Edition 11/10/2009

Walking – One of the Solutions to Public Health Problem

“Walking ½ an hour a day, five days a week, reduces the likelihood of a person becoming diabetic by over 40 percent.” If just 40% fewer people became diabetic, 1/3rd of Medicare costs would be cut because diabetics spend roughly 32 percent of the total cost of Medicare.”

George Halvorson, CEO, Kaiser Permanente, Healthcare Will Not Reform Itself, 2009



Primary Obstacle to Change



The Truck Lobby

Which has succeeded in influencing the city to place a higher priority on trucks saving approximately 8-10 minutes of travel time over the safety of citizens.



St. John's Truck Strategy proposed improvement projects.

Taffic Calming and Bicycle/Pedestrian Safety Projects

- 1 Lombard St.
- 2 Fessenden St
- 3 St. Louis Ave.
- 4 Columbia Blvd.

Truck Street Improvements

- 5 Lombard/St. Louis/Ivanhoe Intersection
- 6 Ivanhoe/Philadelphia Intersection
- 7 Columbia Blvd/Portland Rd/Columbia Way Intersection
- 8 Burgard/Lombard Street Segment





Some good news...



The background of the slide features a light gray topographic map with contour lines. In the lower-left corner, there is a semi-transparent compass rose with a needle pointing towards the top-left. The compass rose includes directional labels: 'N' for North, 'NE' for Northeast, 'E' for East, 'SE' for Southeast, 'S' for South, 'SW' for Southwest, and 'W' for West. The text is overlaid on this map.

Walking

Simple
Cheap
Healthy

Available to Every Age

**Let's do EVERYTHING we
can to encourage it!**