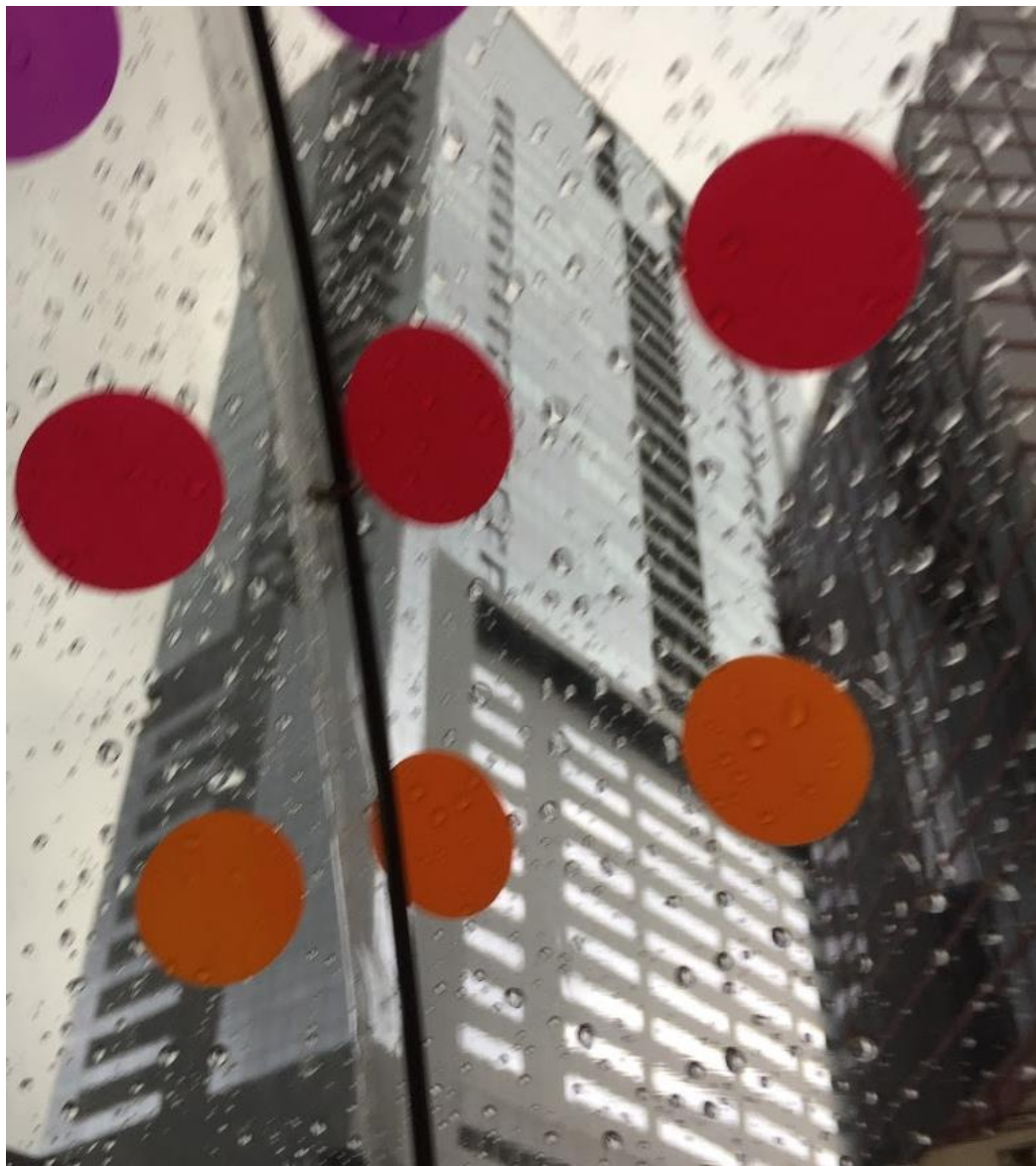


Places for People to Walk

Heyden Black Walker

Urban Planner/Designer, Black + Vernooy

heyden@blackvernooy.com



Things you don't experience unless you are walking

People walking who are killed and injured in traffic in U.S. annually:

5,000 pedestrian fatalities (14 people / day)

70,000 pedestrian injuries (192 people / day)

<https://safety.fhwa.dot.gov/provencountermeasures/walkways/>

Over 600 family, friends, co-workers are killed walking on our streets and roads in Texas annually.





What makes a city great? According to Jeff Speck, the secret sauce is, quite simply, walking. If your city is a good place to walk — that is, walking is safe, comfortable, interesting, and useful — everything else will fall into place.

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Crosswalks should be designed to offer as much comfort and protection to pedestrians as possible. Historically, many crosswalks were designed using inadequate, narrow striping, setbacks, deviations from the pedestrian walkway, and considerable crossing distances.

- NACTO



Posted Speed Limit 40 mph



Average risk of death at impact for a pedestrian rises as speed increases



90%

50%

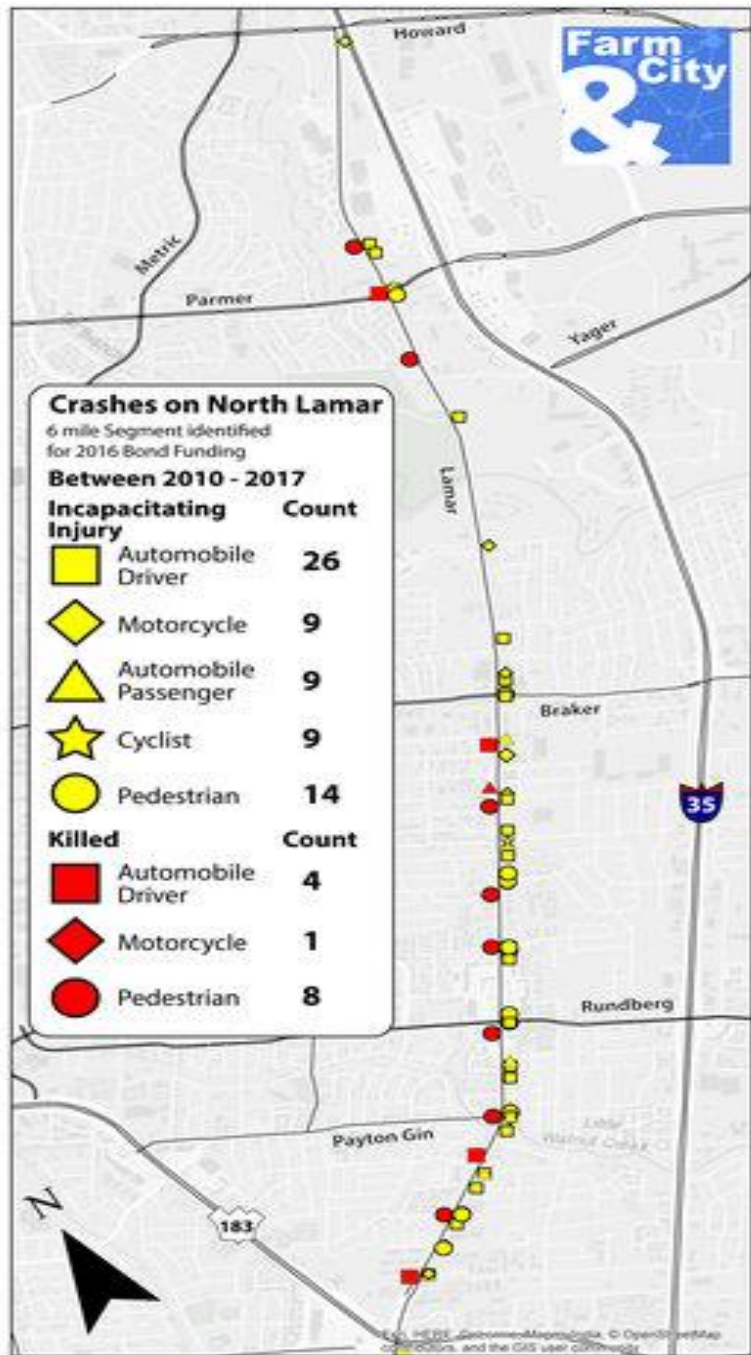
10%

Walking in a Clear Zone

A **clear zone** is an unobstructed, traversable area beyond the edge of the through traveled way for the recovery of errant vehicles. Clear zones are free of rigid fixed objects such as trees and utility cabinets or poles. AASHTO's Roadside Design Guide details the clear zone width adjustment factors to be applied at horizontal curves.



Posted Speed Limit 40 mph
Design Speed ??? mph



In 7 years on 6 miles of N. Lamar:

13 people killed (8 were people walking)

67 people with incapacitating injuries
(14 were people walking)

TTI: 52% of people failed to yield to vehicles

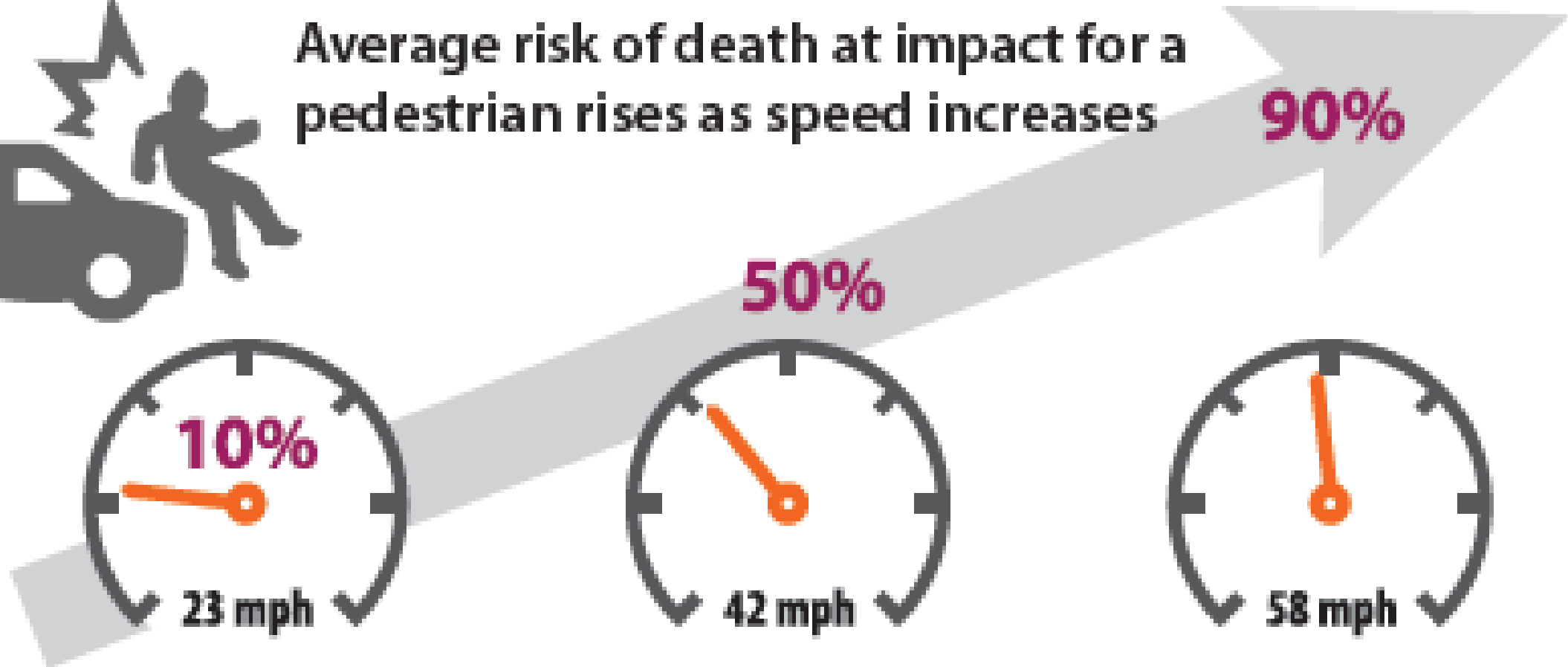
Donald Norton crossed in a motorized wheelchair

“crossing the roadway where there was no crosswalk or intersection” (APD)

How can a wheelchair navigate this?



Average risk of death at impact for a pedestrian rises as speed increases















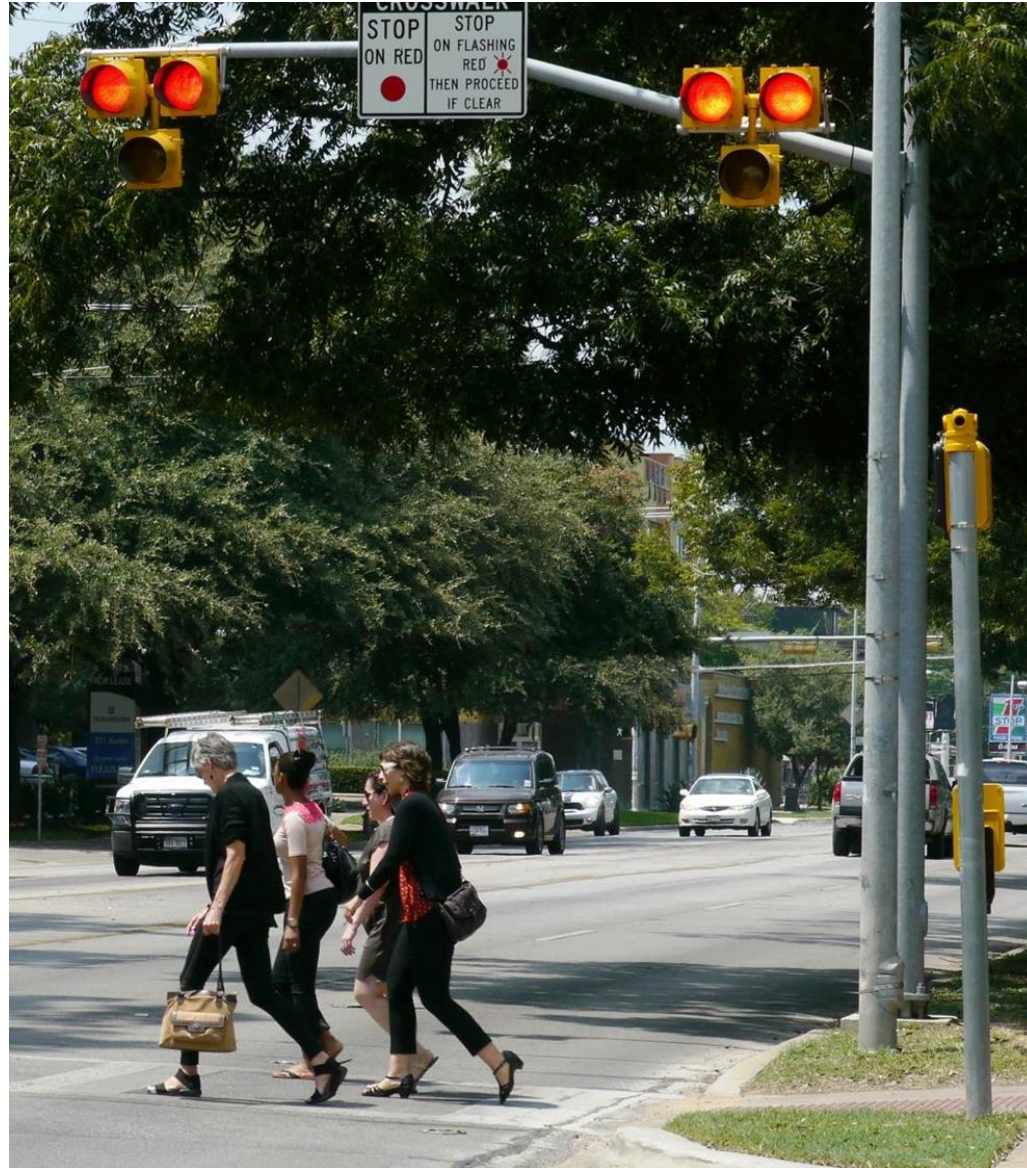


Pedestrian Hybrid Beacons

Safety Benefits:

- 69%** Reduction in pedestrian crashes
- 29%** Reduction in total crashes
- 15%** Reduction in serious injury & fatal crashes







Leading Pedestrian Intervals SAFETY BENEFIT

60%

Reduction in pedestrian-vehicle
crashes at intersections

https://safety.fhwa.dot.gov/provencountermeasures/lead_ped_int/









University
of California
San Diego



University
of California
San Diego



12
VALET
PARKING
AV





View looking Northwest



View looking Southwest



Image from City of Austin Major Investment Study, 2001



Image from City of Austin Major Investment Study, 2001

BUILDING CAP

“The Cap at Union Station” – 2005 (\$7.8M)



Image from MKSK Studios



THE CAP AT UNION STATION

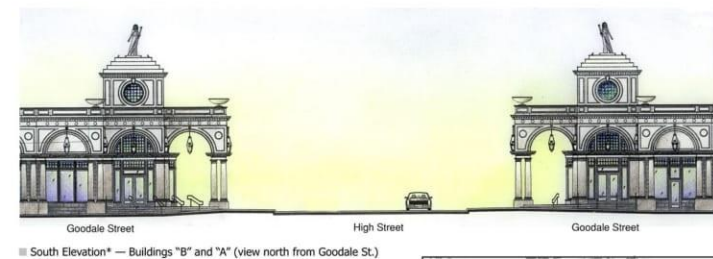
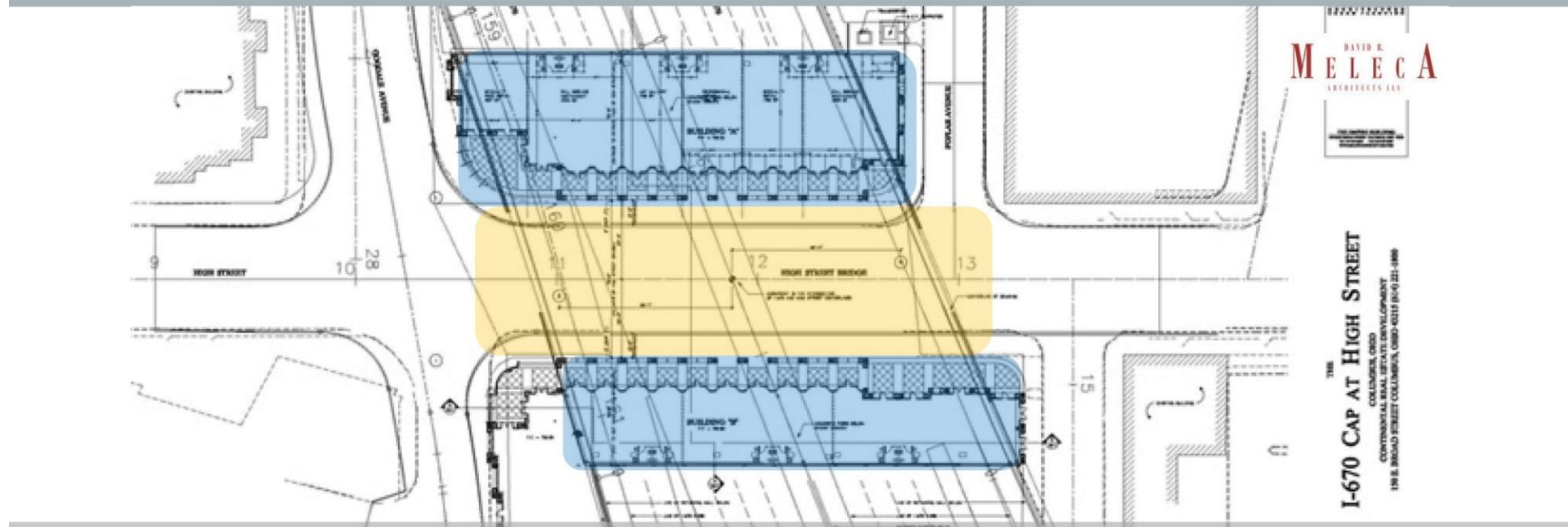
Along High Street over I-670

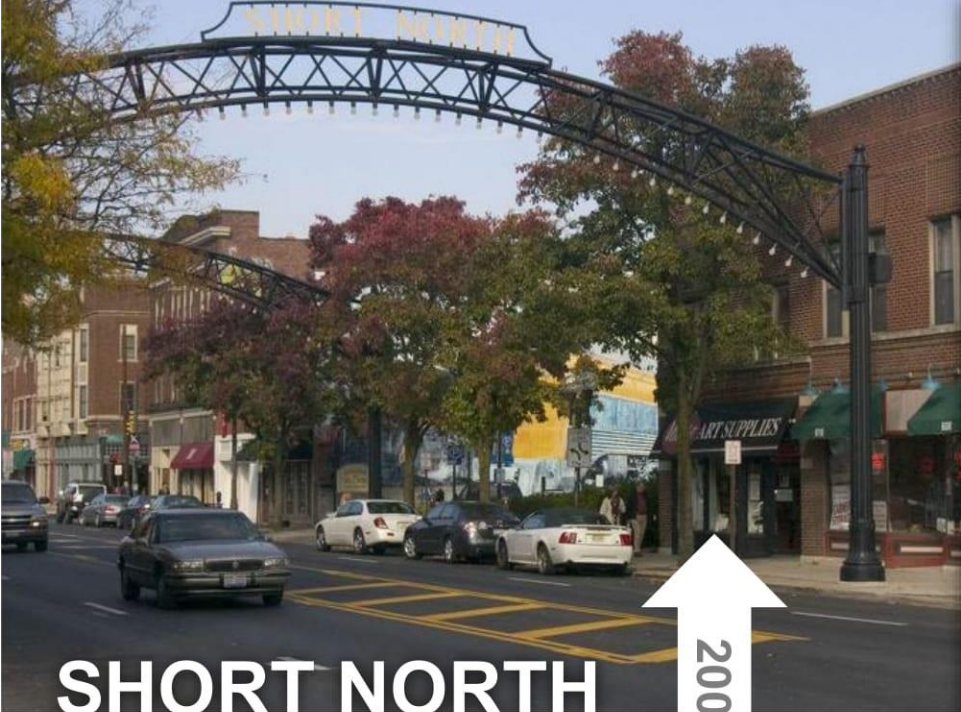


Image from MKSK Studios

THE CAP AT UNION STATION

Plans – Live Load Bridge & Two Bldg. Platforms





**SHORT NORTH
DOWNTOWN**

200 Feet



BEFORE

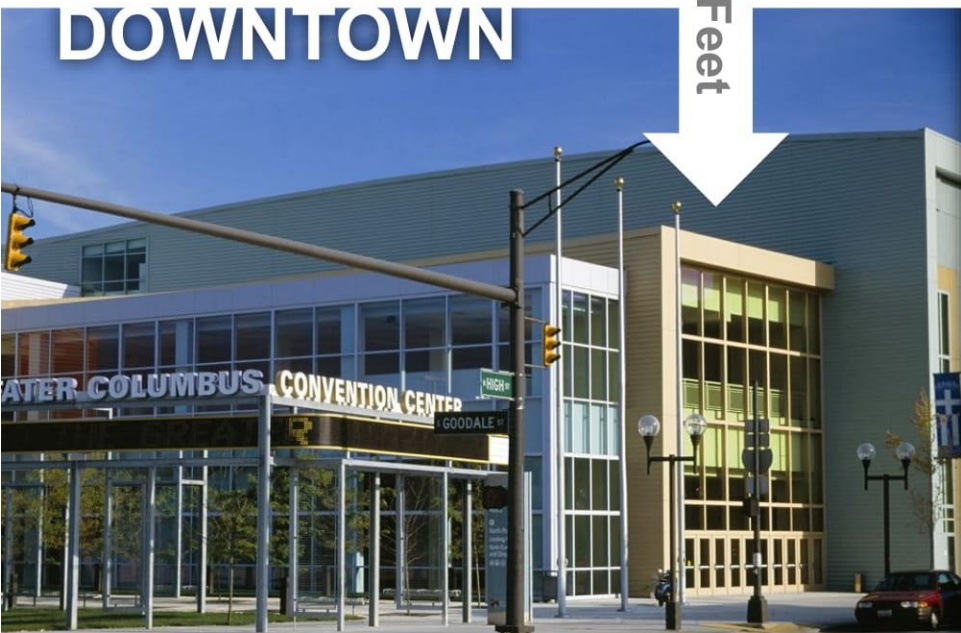


Image from MKSK Studios



AFTER



Thanks!