

Active Transportation

Active Transportation: Connecting It All Together

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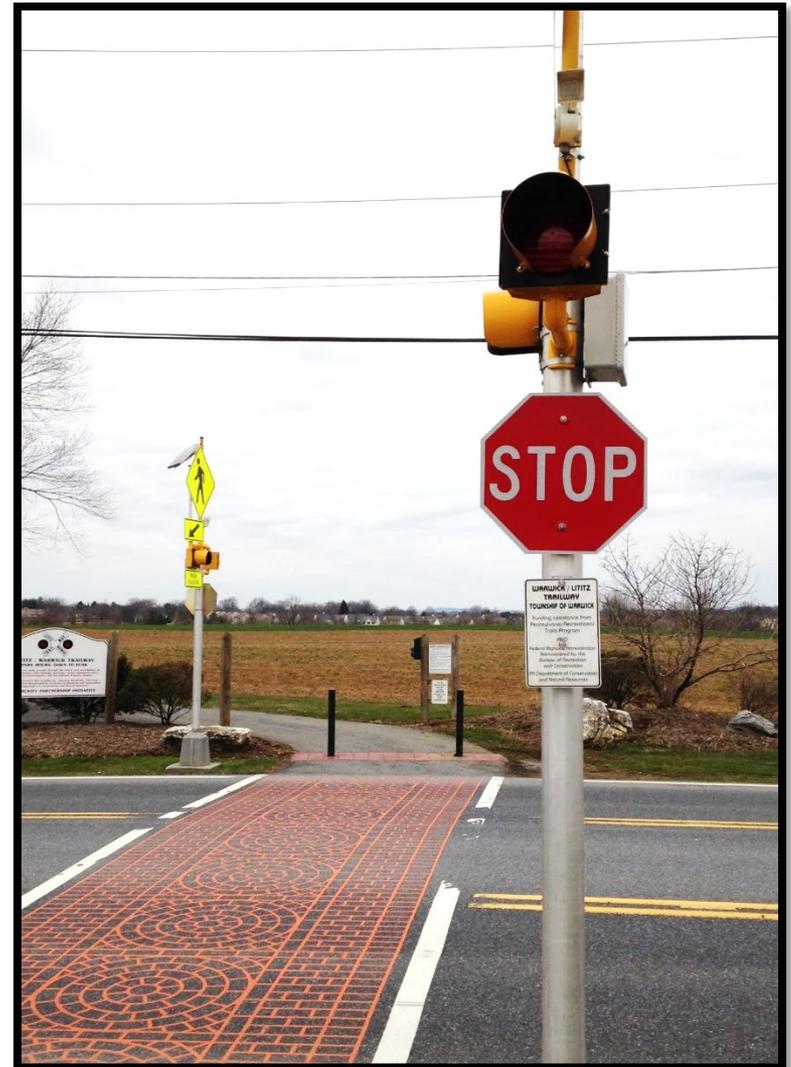


pennsylvania
DEPARTMENT OF TRANSPORTATION
LOCAL TECHNICAL ASSISTANCE PROGRAM



Agenda

1. Active Transportation Concepts
2. Connection Concepts and Issues
3. Examples





Active Transportation

Part 1: What is Active Transportation?





▶ Part 1: What is Active Transportation?

Active Transportation – Transportation that is self-propelled or powered by human energy such as walking and bicycling





Complete Streets – Streets for EVERYONE.



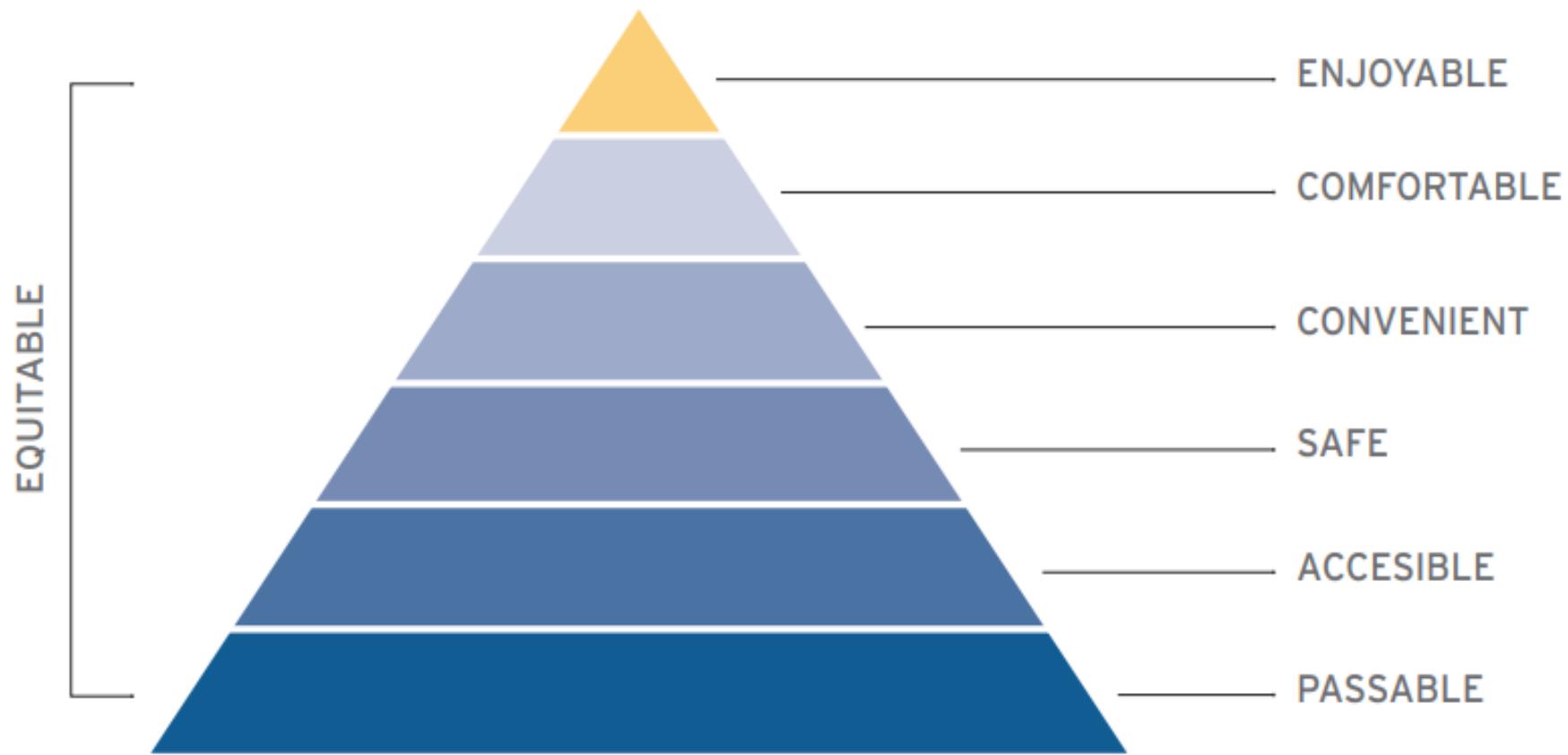
SPEED
LIMIT
25

Slip on a shirt.
stop on sunscreen.
slap on a hat,
and
wrap on sunglasses.



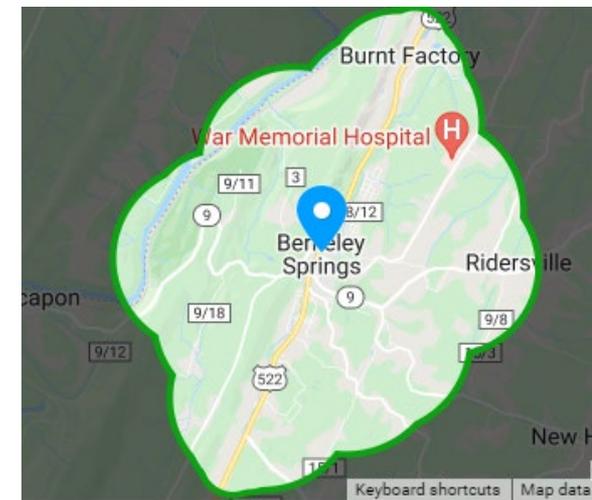


▶ Part 1: What is Active Transportation?



Part 1: What is Active Transportation?

Example Walk Score Berkeley Springs



Walk Score

60

Somewhat Walkable

Some errands can be accomplished on foot.

Bike Score

22

Somewhat Bikeable

Minimal bike infrastructure.



▶ Part 1: What is Active Transportation?

West Virginia Division of Highways Statement

There is a need to improve quality of life for all West Virginians by providing multimodal travel choices and access to recreation...



▶ Part 1: What is Active Transportation?



Pennsylvania **ACTIVE TRANSPORTATION** Plan





Active Transportation

Part 2: Connection Concepts and Issues





▶ Part 2: Connection Concepts and Issues



WHERE PEOPLE PLAY

Trails and parks are attractors and generators of walking and biking activity.



WHERE PEOPLE WORK

Higher densities of workers translates to higher propensity for people to walk or bike.



WHERE PEOPLE SHOP

Retail shopping areas are attractors for walking and biking. Places where people can complete errands, such as banks, are also generators of walking and bicycling trips.



WHERE PEOPLE LEARN

Schools are a significant source of walking and biking by populations that either cannot drive because they are not old enough or are more likely to walk or bike for economic reasons.



WHERE PEOPLE LIVE

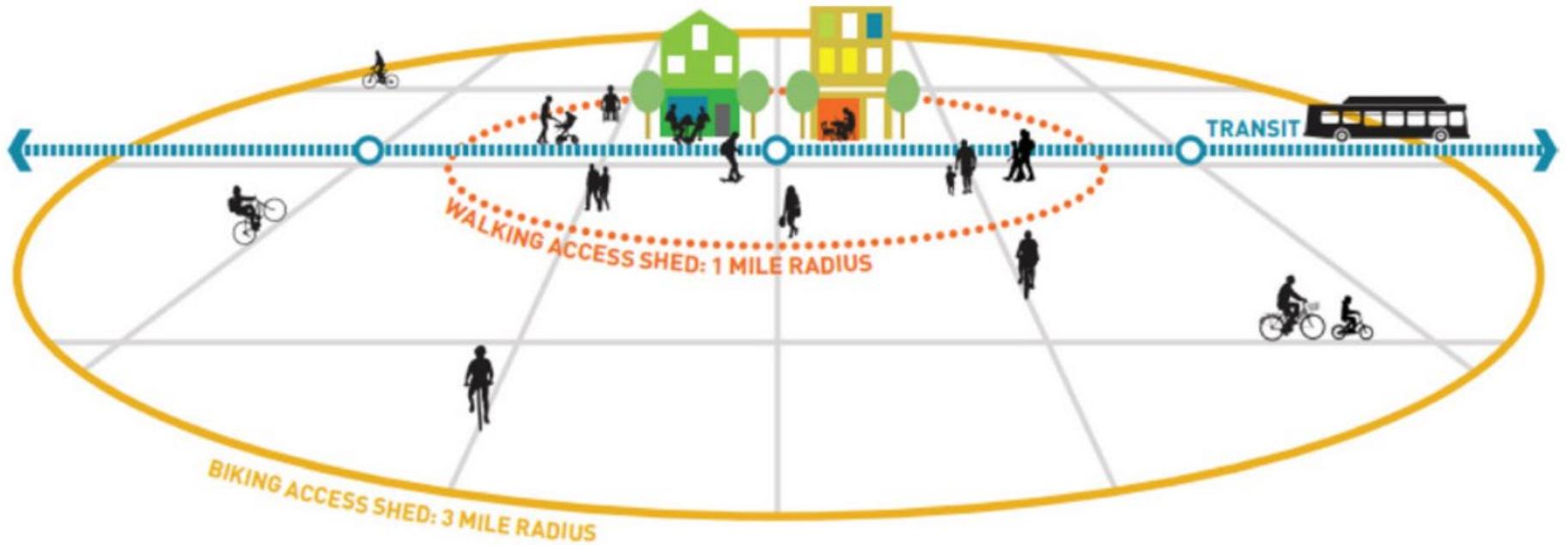
People are likely to walk near their homes for recreation or to visit nearby friends and family.



WHERE PEOPLE ACCESS TRANSIT

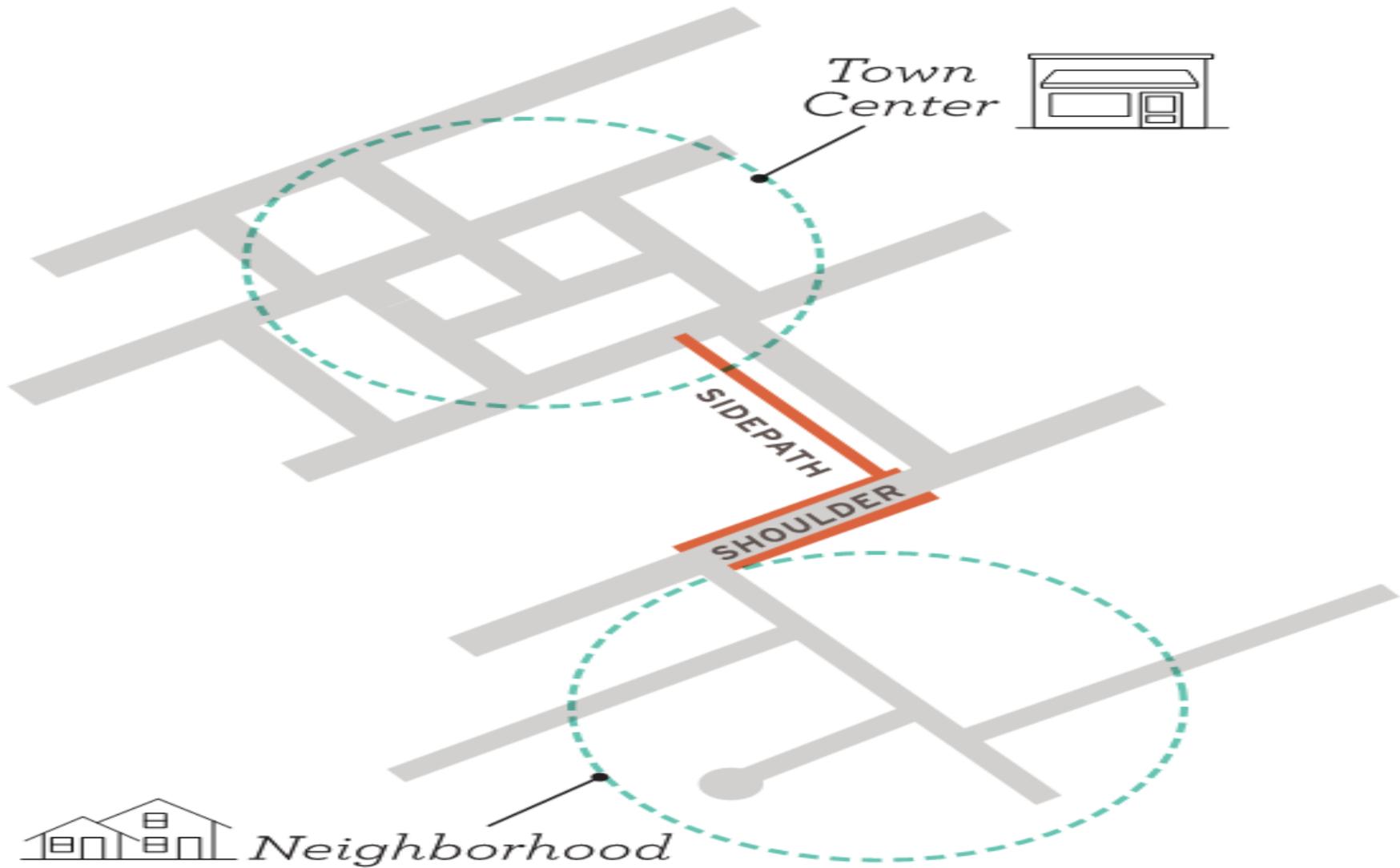
All transit trips start or end with a walking or biking trip.

Part 2: Connection Concepts and Issues





▶ Part 2: Connection Concepts and Issues



▶ Part 2: Connection Concepts and Issues

Bicycle and Pedestrian Program

ation
g
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ations
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**Coordinator and FHWA
on Coordinator**

itate has a Bicycle and Pedestrian
inator, and each FHWA Division
has a point of contact.

A Headquarters Contact

ore information, please contact
n Buck, 202-366-1362.

FHWA Supports:



PEDSAFE



FHWA → Environment → Bicycle and Pedestrian Program → Publications

Small Town and Rural Multimodal Networks

FHWA-HEP-17-024

This publication is available for download.
([PDF version](#) , 40.2 MB)

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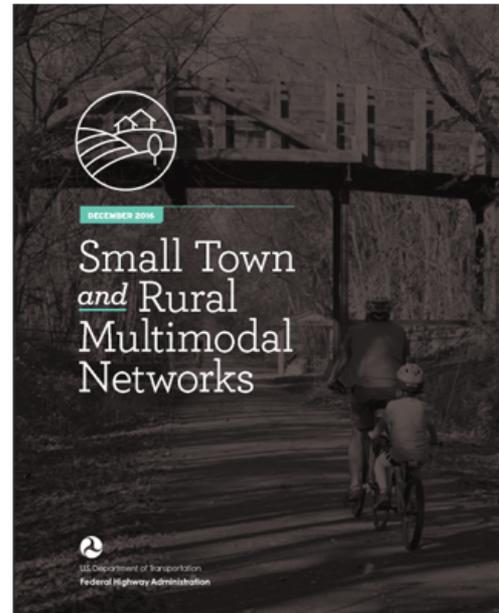
U.S. Department of Transportation
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Washington, DC 20590
www.fhwa.dot.gov/environment/



U.S. Department of Transportation
Federal Highway Administration

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SUNOCO
Regular 4.49
Plus 4.49

FAMILY DOLLAR

[Blurred sign]

SPEED LIMIT 15

PRONIC'S
FABRICATION
WELDING
MACHINING

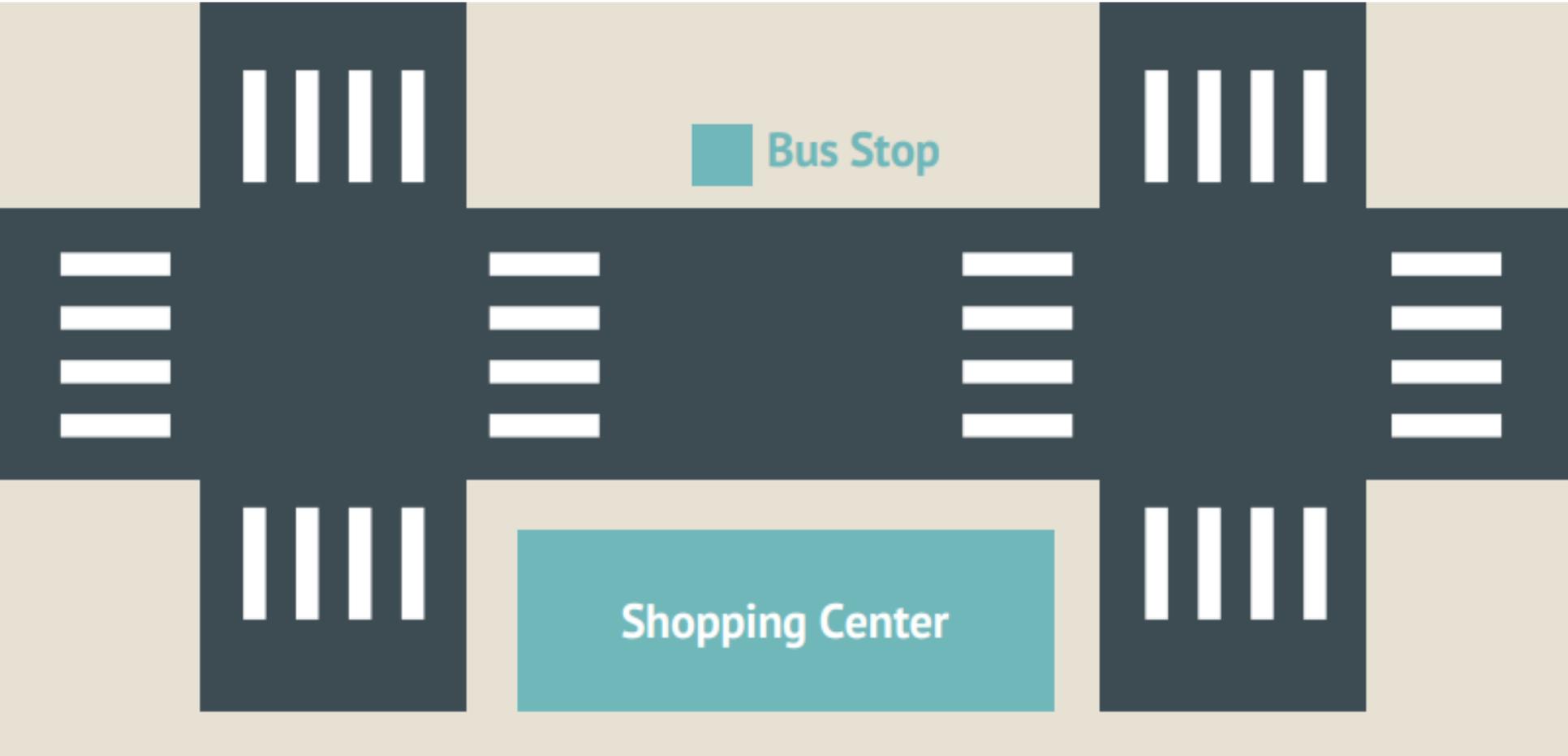
U-HAUL
RENTALS

MOVING?
Call [Phone Number]



Part 2: Connection Concepts and Issues

Pedestrian Behavior





LESLIE'S
POOL SUPPLIES

359
379

SERVICE & REPAIR
REPAIR

ENTER

ALL EMPLOYEES

CONCEPT 1: 3- LANES WITH SHARROWS ROUNDAOBOUT AT 2ND ST. & VERBEKE ST.

EXISTING



VISIONZERØHBG

WALLACE MONTGOMERY

KITTELSON & ASSOCIATES





Part 2: Connection Concepts and Issues



ONLY

LEFT LANE
MUST
STAY LEFT

LANE

50
←





SISQUESITTA HIGH SCHOOL



SCHOOL
SPEED LIMIT
15
WHEN FLASHING

SCHOOL



LEMOYNE NAILS
Experiences the
Right
Difference
717-737-5175

Professional Hair Styling & Beauty
Every Life is Building

I GOT 99
PROBLEMS
BUT MY
HAIR AINT
1
717-877-3535







BUCKINGHAM
RAIL - TRAIL





Active Transportation



Part 3: Examples

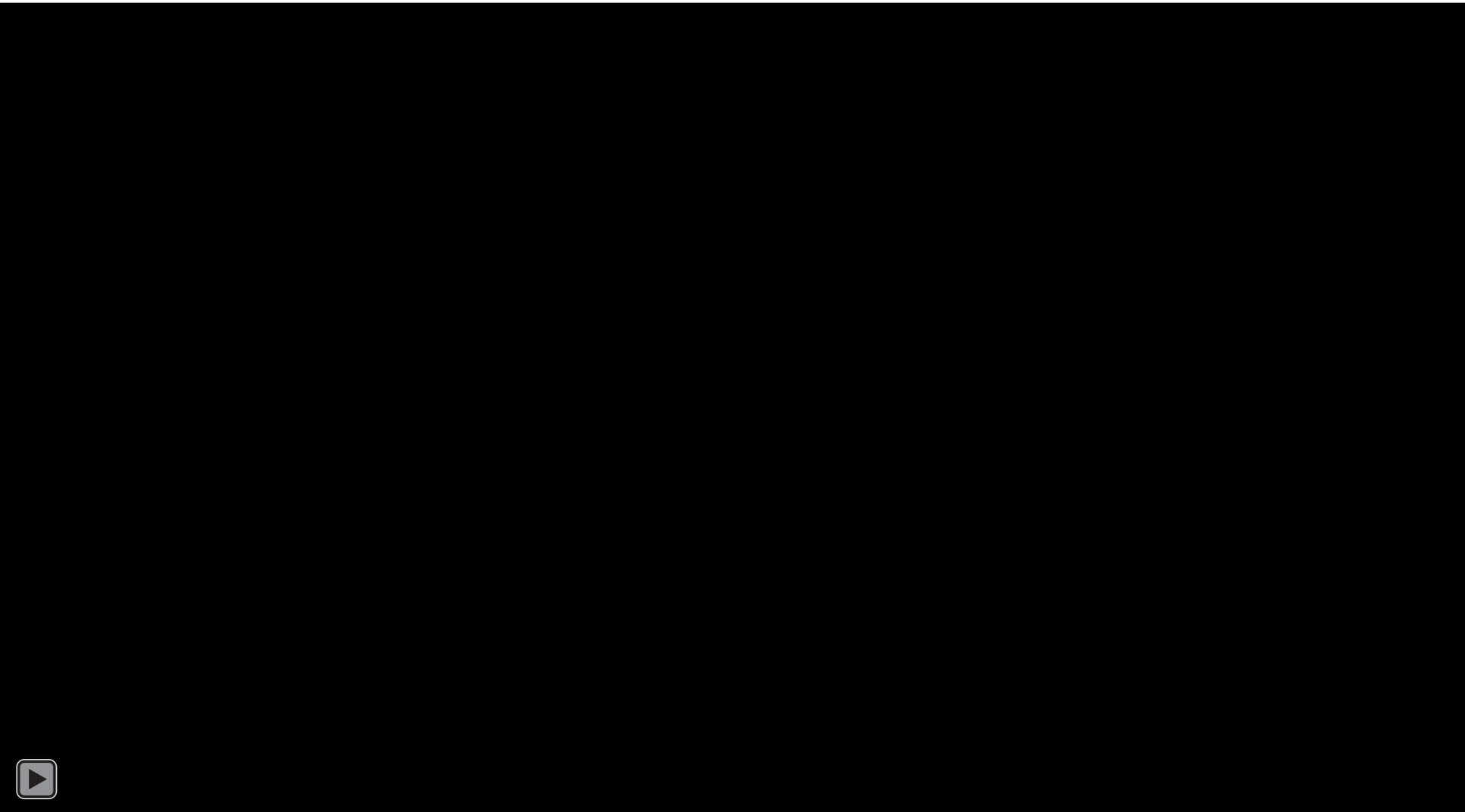
An aerial photograph of a commercial development. The scene shows several large, rectangular buildings with flat roofs, interspersed with numerous parking lots filled with cars. A multi-lane road runs horizontally across the middle of the image, with traffic moving in both directions. The layout is organized with roads and parking areas surrounding the buildings. The overall appearance is that of a modern, planned commercial or industrial park.

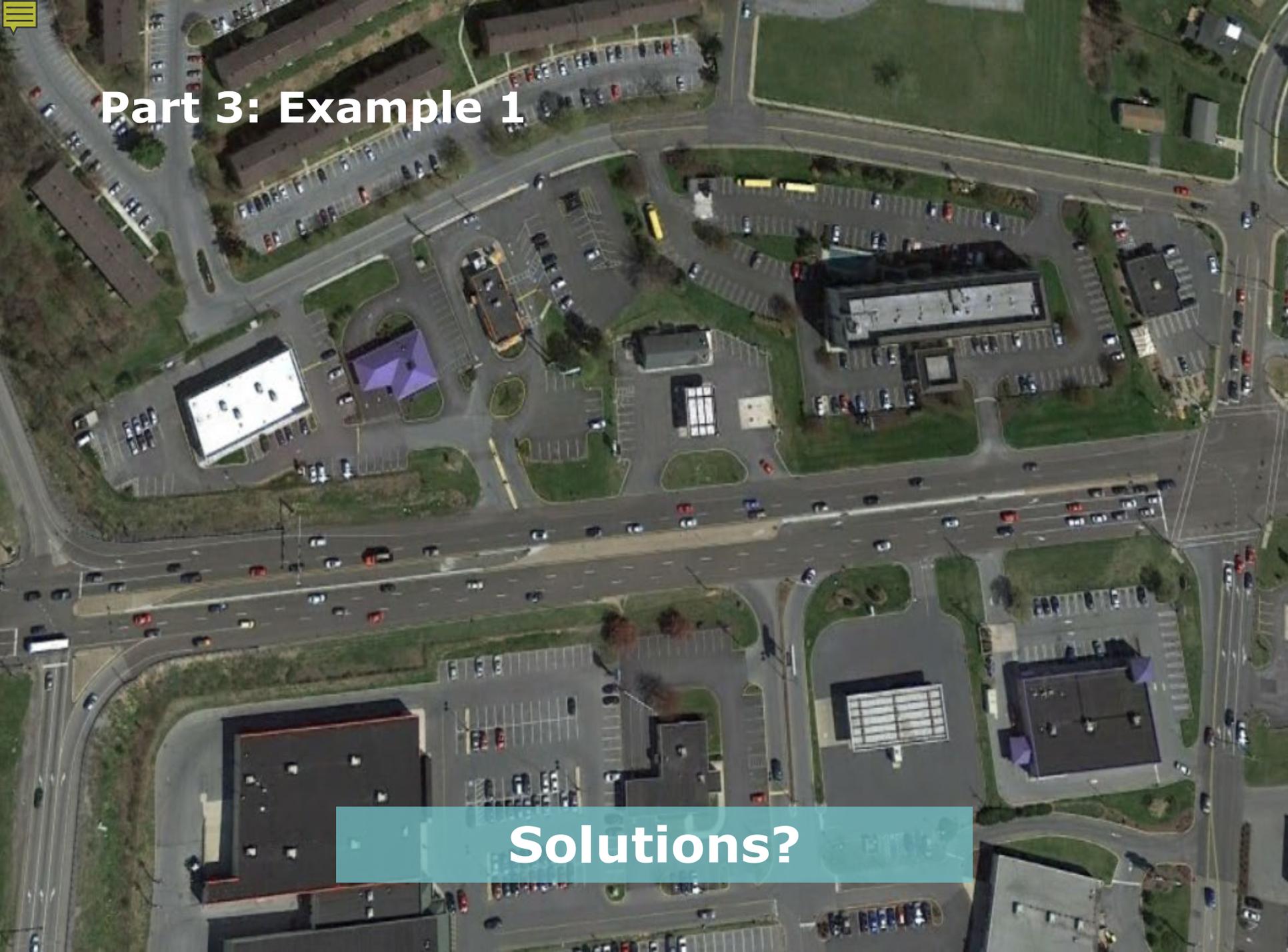
Part 3: Example 1

The Issue



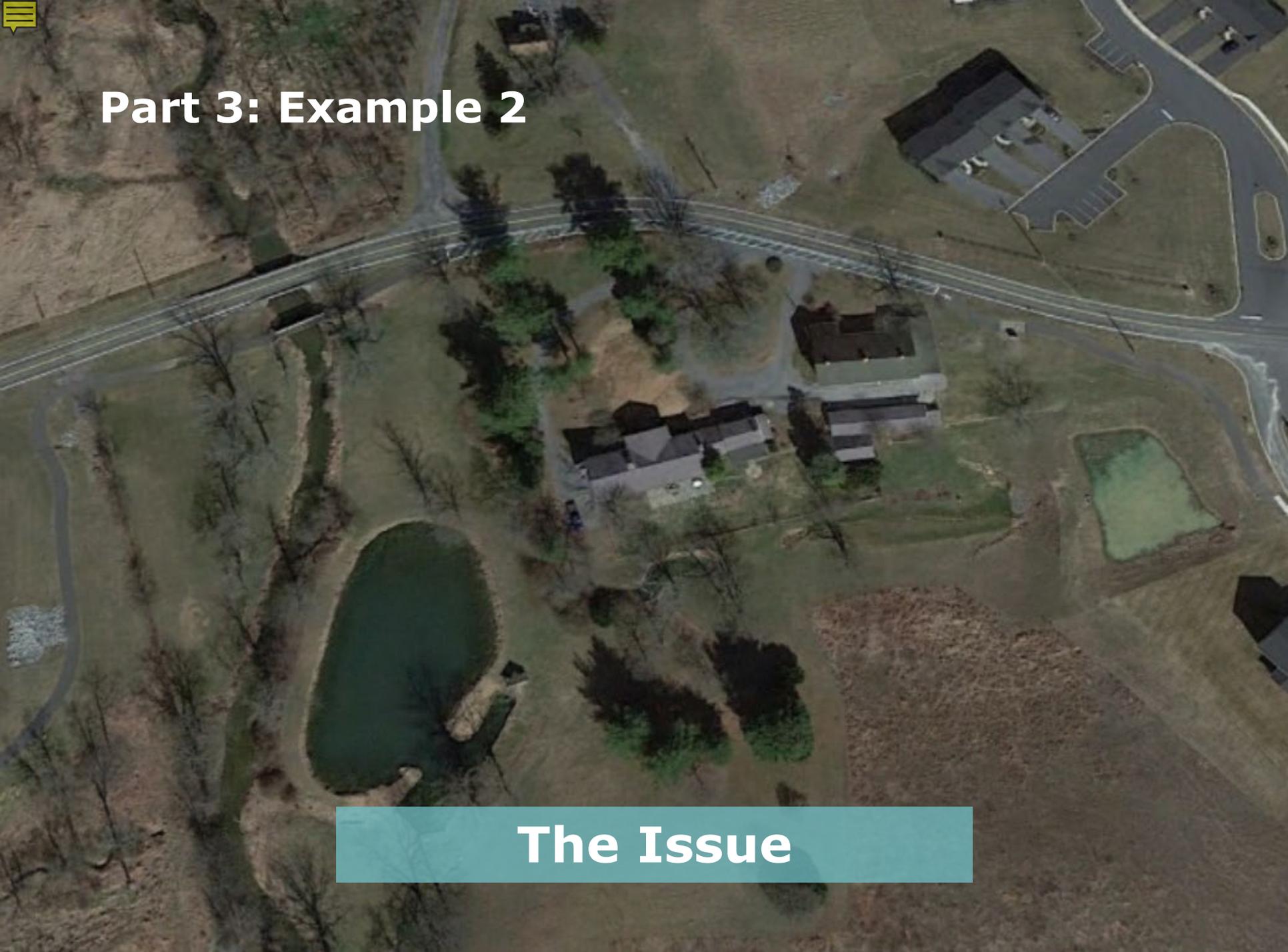
▶ Part 3: Example 1



An aerial photograph of a busy commercial intersection. The scene shows multiple lanes of traffic, several large parking lots filled with cars, and various commercial buildings. A prominent road runs horizontally across the middle of the image, with several lanes and a median. To the left and right of this road are several large parking areas and buildings, some with flat roofs and others with more complex structures. The overall impression is of a high-traffic, developed area.

Part 3: Example 1

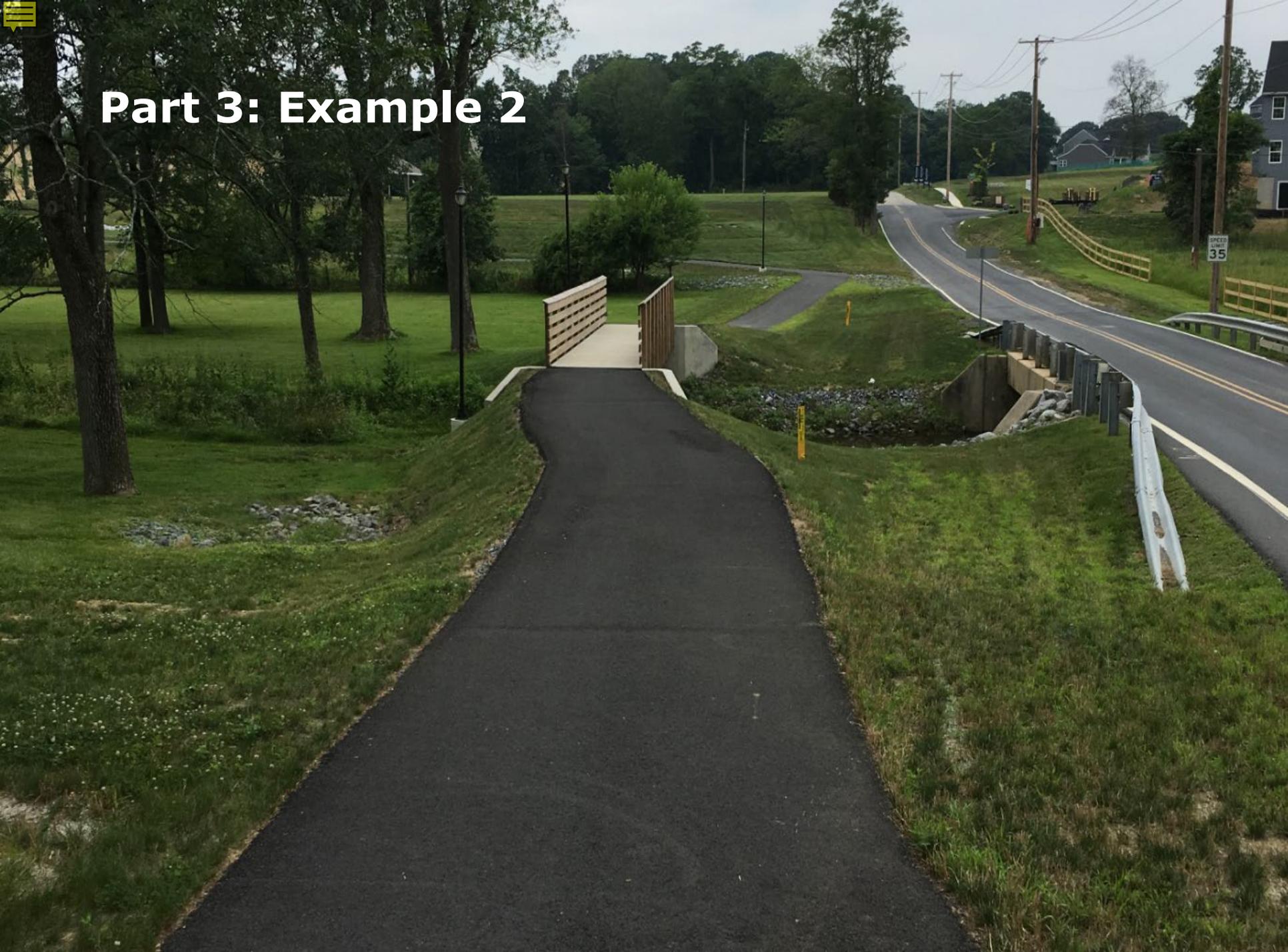
Solutions?

An aerial photograph of a residential property. In the center, there are two large, dark-roofed houses. To the left of the houses is a large, dark green pond. A road runs horizontally across the middle of the image, passing between the houses and the pond. To the right of the houses, there is a smaller, rectangular pond. The surrounding area is a mix of green grass, brown dirt, and trees. In the top left corner, there is a small yellow icon of a speech bubble with three lines inside.

Part 3: Example 2

The Issue

Part 3: Example 2



Part 3: Example 2



Solutions?



Part 3: Example 3



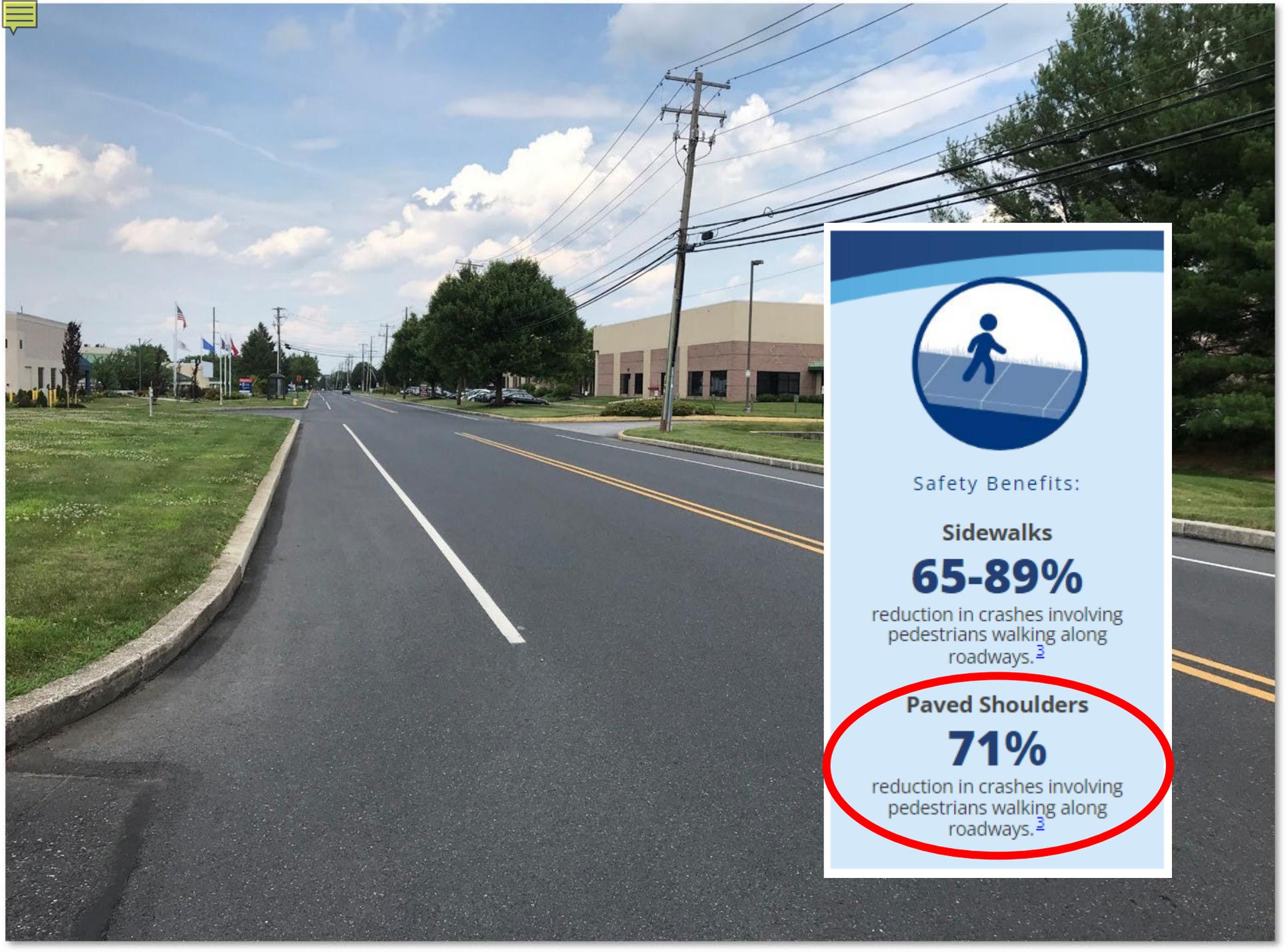


SPEED
LIMIT
25

STOP



Google



Safety Benefits:

Sidewalks

65-89%

reduction in crashes involving pedestrians walking along roadways.³

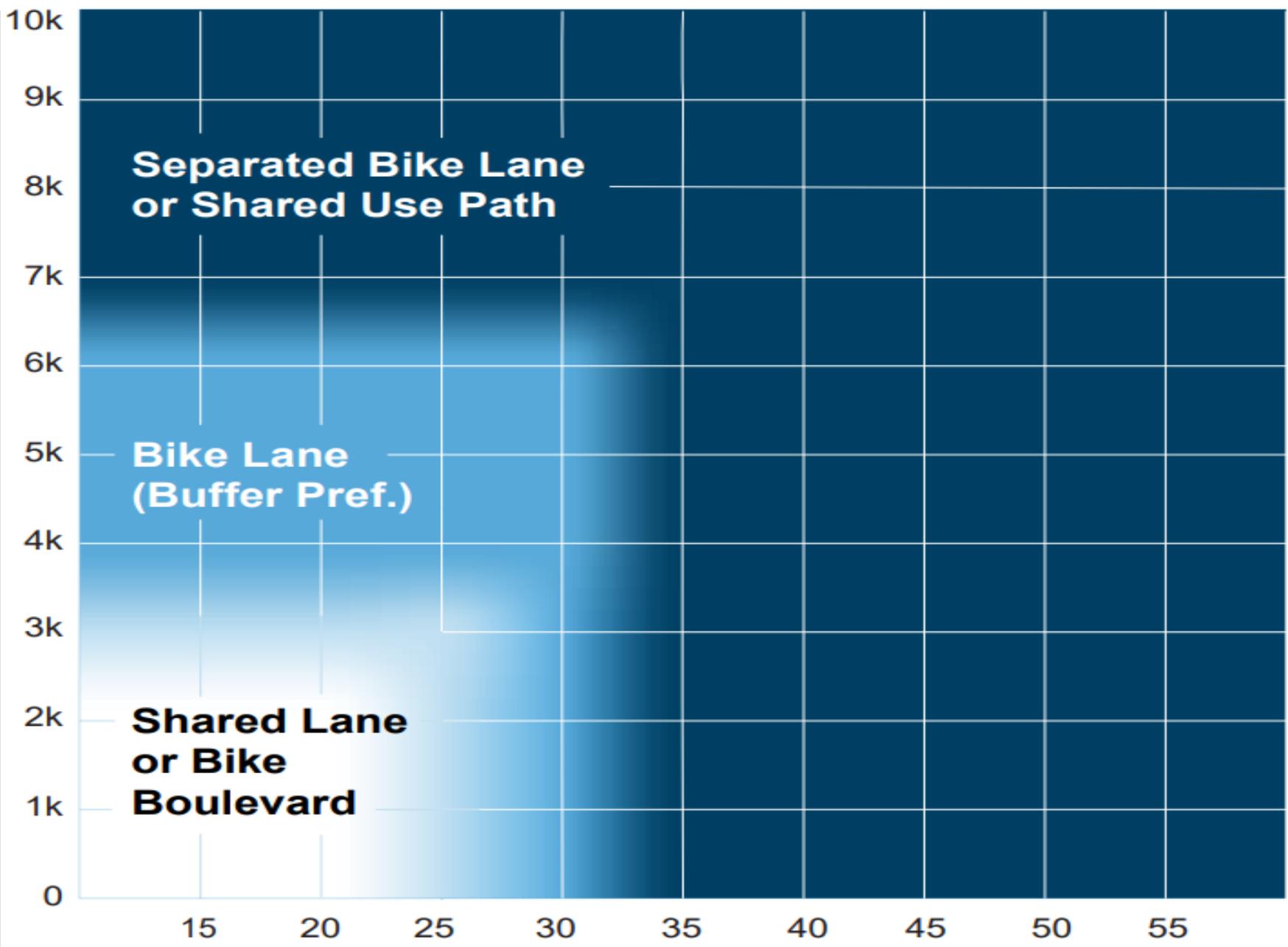
Paved Shoulders

71%

reduction in crashes involving pedestrians walking along roadways.³



VOLUME
VEHICLES PER DAY



SPEED
MILES PER HOUR

SLOW

CROSSING





ONE WAY

BIKE LANE

Drexel 922







1107-COLE
HISLAN PAST
GENSIELE WY



BRIDGEMAN
PROPERTY

prca

50
CHESTER

NO
LEFT
TURN
ON
RED
STOP





THANK YOU!



pennsylvania

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