FIGURE 2-1

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

N

STUDY LIMIT

MATCH LINE A

Pedestrian Crash #24
September 2013
Involved School Bus
Inattentive driving

Shell

Checkers

Forman Mills

Bicycle Crash #10
August 2011
Motor vehicle made left-turn in front of bicycle

24 / 5

14 / 6

9 / 12

Pedestrian Crash #18
September 2012
Peds racing to catch Dart Bus
Crossed at unmarked location

N/A / 3 / N/A

Pedestrian Crash #1
June 2005
Improper crossing

Titan Insurance

LEA BLVD

LEGEND
- 🔴🟡🟢 Traffic Signal
- 🚌 Existing Bus Stop
- 0 / 0 Bus Board/Alight
- ☀ Existing Luminaire
- ━ Existing Sidewalk
- Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES
- Pedestrian Non-injury Crash
- Bicycle Non-injury Crash
- Pedestrian Injury Crash
- Bicycle Injury Crash
- Pedestrian Fatal Crash
- Bicycle Fatal Crash
- **Dark** Nightime Crash
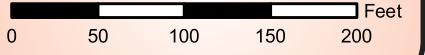
Crash study period- January 2005 through April 2016

0 50 100 150 200 Feet

FIGURE 2-2

N

MATCH LINE A

MATCH LINE B

SHIPLEY ROAD

Bicycle Crash #8
June 2011
Bicyclist on way to school
Disregarded traffic signal

8 / 3 / 3

White Glove Car Wash

4 / 2

3 / 7

0 / 2

Bicycle Crash #11
September 2012
Bicyclist is a minor (13)
Bicyclist disregarded traffic signal

Enterprise Rent-A-Car

EDGEMOOR RD

HILLCREST AVE

Pedestrian Crash #17
January 2012
Freezing rain
Vehicle lost control and ran off the road
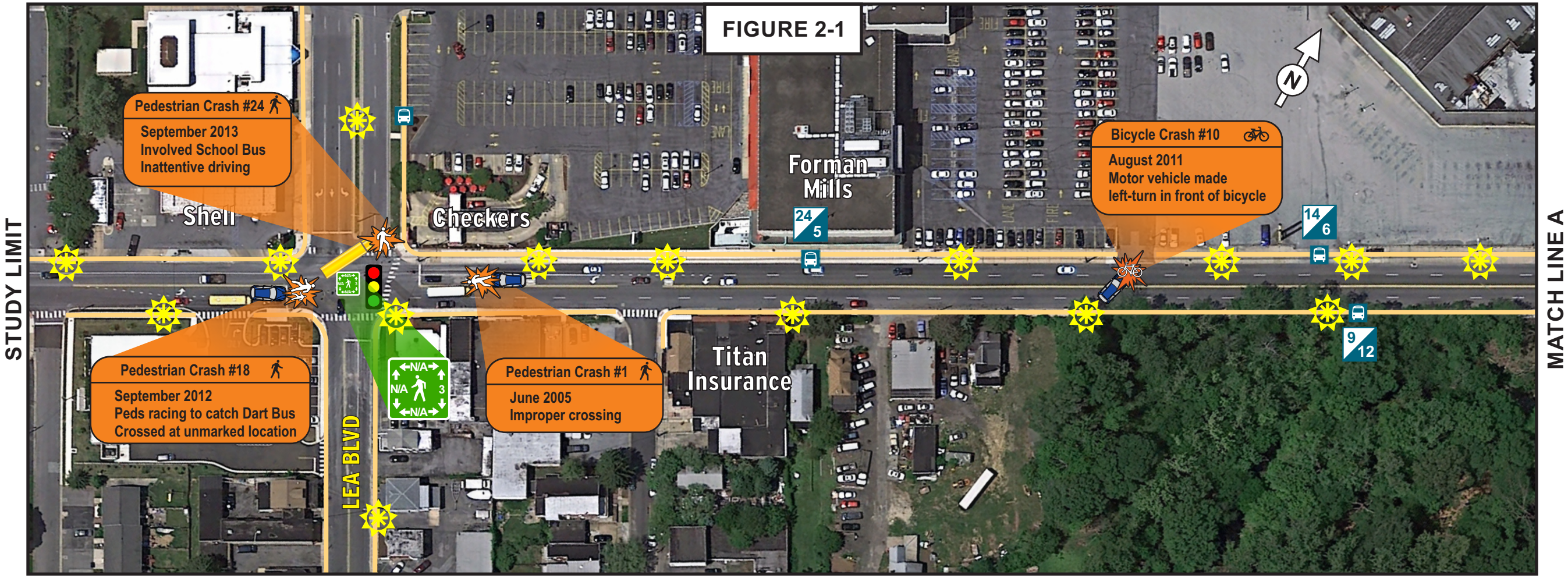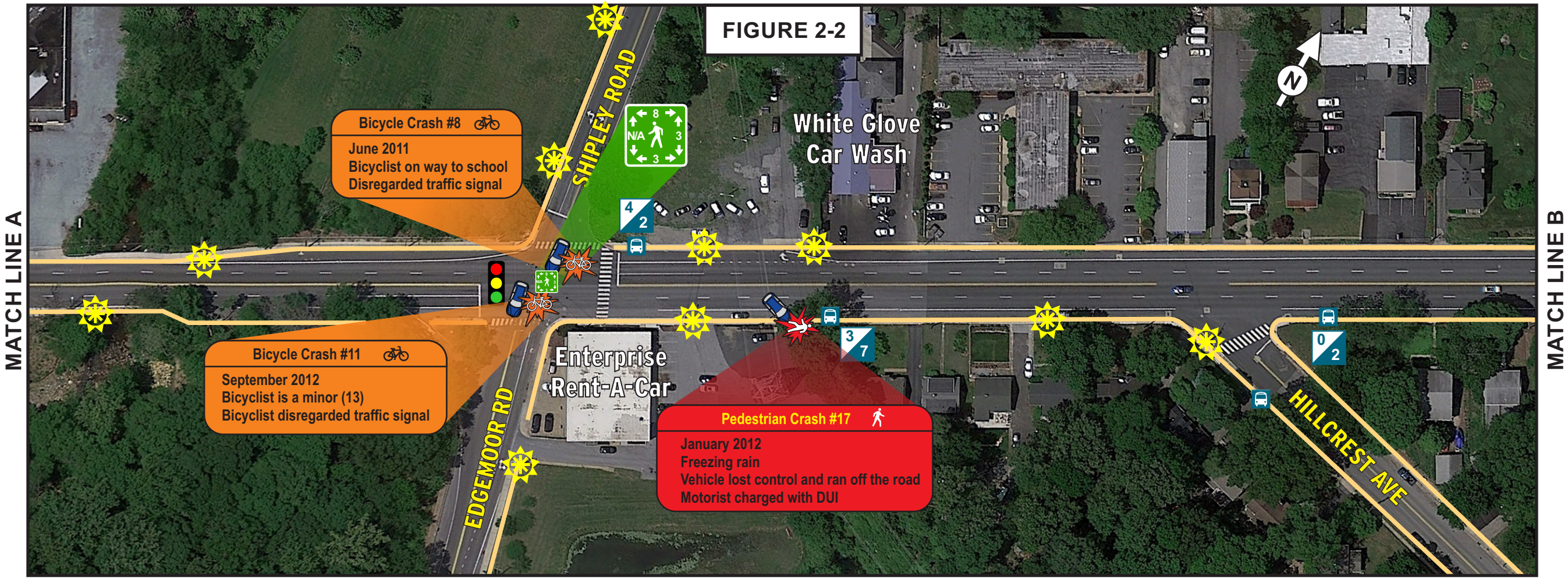Motorist charged with DUI

FIGURE 2-3

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

Bicycle Crash #5
June 2010 – Day
Vehicle and bike sideswiped each other while passing a legally parked vehicle

Giorgi Kitchens & Designs

WINDING LN
LYNN DR
BEESON AVE
MARSH RD
LORE AVE

MATCHLINE B
MATCH LINE C

FIGURE 2-4

MARSH ROAD
Mighty Muffler
WELDIN RD
NANCY RD
BEVERLY PL
RODMAN RD
Food for Thought
Tutto Fresco

MATCH LINE C
MATCH LINE D

LEGEND

- Traffic Signal
- Existing Bus Stop
- Bus Board/Alight
- Existing Luminaire
- Existing Sidewalk
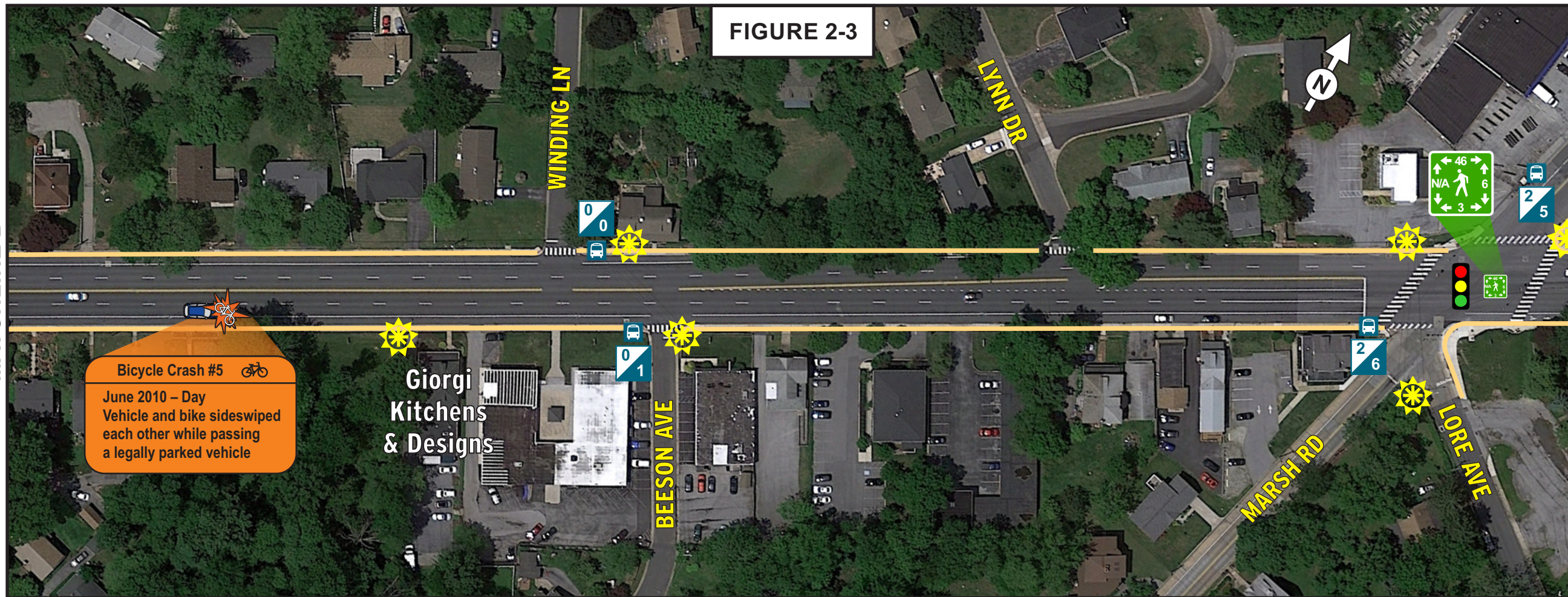- Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES

- Pedestrian Non-injury Crash
- Bicycle Non-injury Crash
- Pedestrian Injury Crash
- Bicycle Injury Crash
- Pedestrian Fatal Crash
- Bicycle Fatal Crash
- Dark Nighttime Crash

Crash study period- January 2005 through April 2016
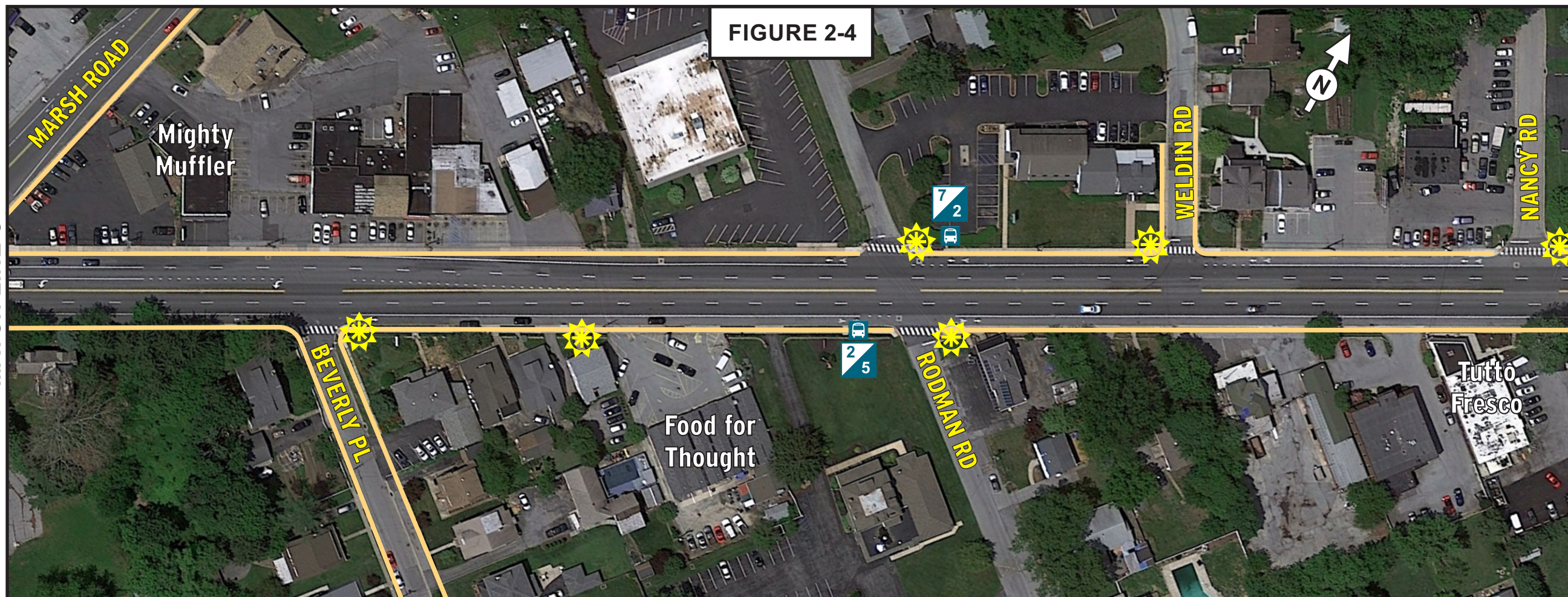
Feet
0 50 100 150 200

FIGURE 2-5

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

MATCHLINE D

State Police Troop 1

WASHINGTON ST EXTENSION

SPEER RD

DEL MONTE PL

Dunkin Donuts

MATCH LINE E

Pedestrian Crash #12
January 2011
Snow
Snow plow hit pedestrian

Pedestrian Crash #4
October 2006
Ped was 15 years old
Inattentive driving

Pedestrian Crash #34
January 2016
Disregarded pedestrian signal

PHILADELPHIA PIKE

8
4

2
10

Peco's Liqour Store

MARION AVE

Bicycle Crash #9
August 2011
Wet road surface
Vehicle made left-turn in front of bicycle

N/A 4
11
N/A

St. Helena's Church

Pedestrian Crash #9
October 2008
Ped is fire police officer
Ped hit while directing traffic

BELLEFONTE AVE

Spallco Car Truck & Van Rentals

Pedestrian Crash #38
November 2016
Crossed at unmarked location

FIGURE 2-6

PARKWAY AVE

DUPONT AVE

MATCH LINE E

MATCH LINE F

Pedestrian Crash #30
March 2015
Pedestrian on skateboard
Crossed at unmarked location

King Garden

3
2

4
3

PHILADELPHIA PIKE

3
6

J&J Produce

BEESON RD

SCHOOLHOUSE LN

Pedestrian Crash #13
March 2011
Crossed at unmarked location

Mt. Pleasant Elementary School

Pedestrian Crash #25
December 2013
Aggressive driving

7
6

DUNCAN RD

Walgreens

2
4

LEGEND

- Traffic Signal
- Existing Bus Stop
- Bus Board/Alight
- Existing Luminaire
- Existing Sidewalk
- Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES

- Pedestrian Non-injury Crash
- Bicycle Non-injury Crash
- Pedestrian Injury Crash
- Bicycle Injury Crash
- Pedestrian Fatal Crash
- Bicycle Fatal Crash
- Dark — Nightime Crash

Crash study period- January 2005 through April 2016
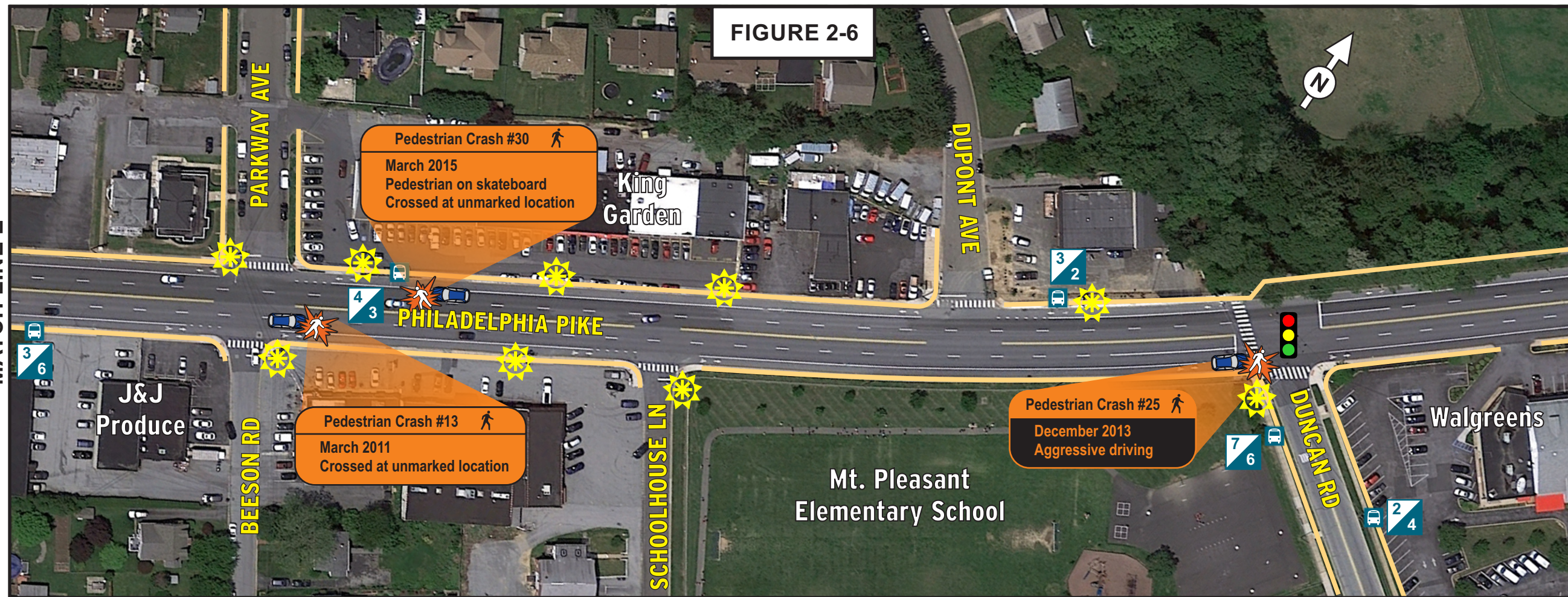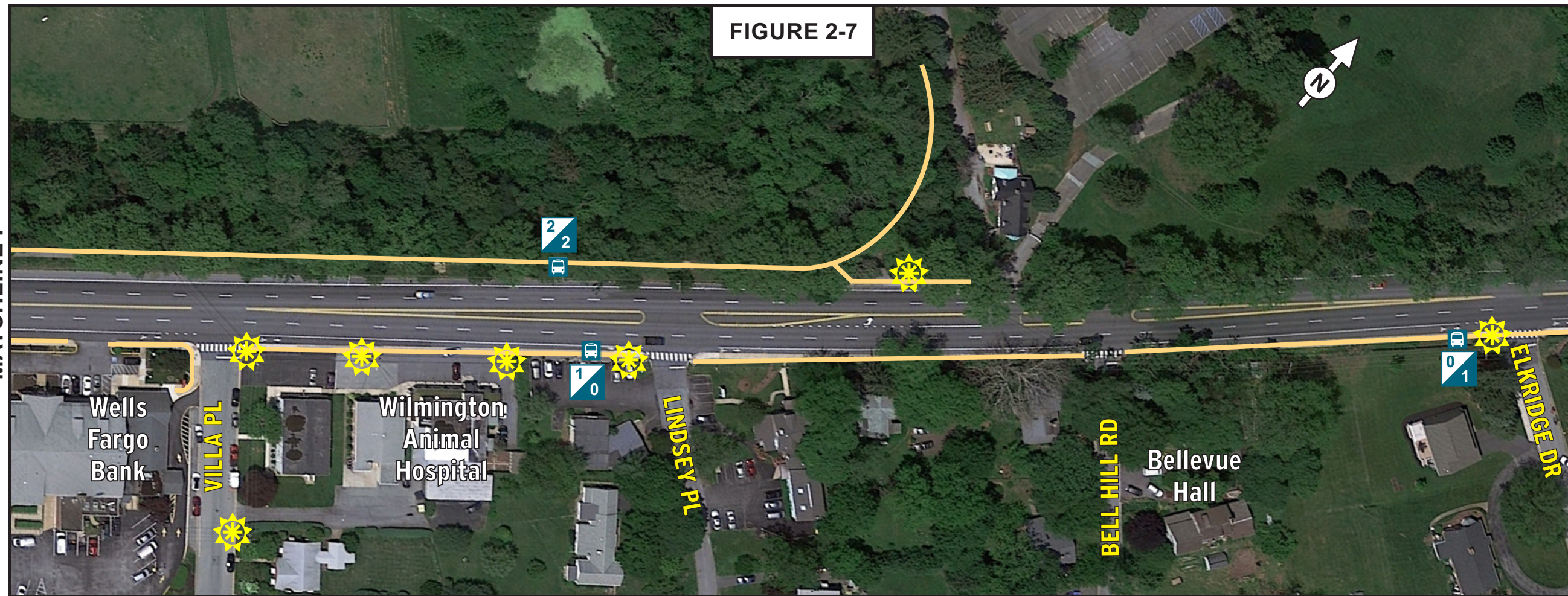
Feet
0   50   100   150   200

FIGURE 2-7

FIGURE 2-8

Philadelphia Pike
Pedestrian Safety
Audit Study

*Lea Blvd. to DE-PA
State Line*

JUNE 2017

LEGEND

Traffic Signal

Existing Bus Stop

Bus Board/Alight

Existing Luminaire

Existing Sidewalk

Average Hourly
Ped Volume
(highest of 3
peaks)

CRASH TYPES

Pedestrian
Non-injury Crash

Bicycle
Non-injury Crash

Pedestrian
Injury Crash

Bicycle
Injury Crash

Pedestrian
Fatal Crash

Bicycle
Fatal Crash

Nightime Crash

*Crash study period-
January 2005 through
April 2016*

Feet
0   50   100   150   200

MATCHLINE F

MATCH LINE G

MATCH LINE G

MATCH LINE H

Wells
Fargo
Bank

VILLA PL

Wilmington
Animal
Hospital

LINDSEY PL

BELL HILL RD

Bellevue
Hall

ELKRIDGE DR

BELLEVUE RD

CALHOUN RD

Church of
Christ

BlackRock

FIGURE 2-9

Pedestrian Crash #6
September 2007
Wearing dark clothing
Ped under influence of Alcohol

Bicycle Crash #7
November 2010
Motor vehicle made
a right-turn in front
of bicycle

BELLEVUE PKWY

CAUFFIEL PKWY

Bellevue Lake

MATCHLINE H

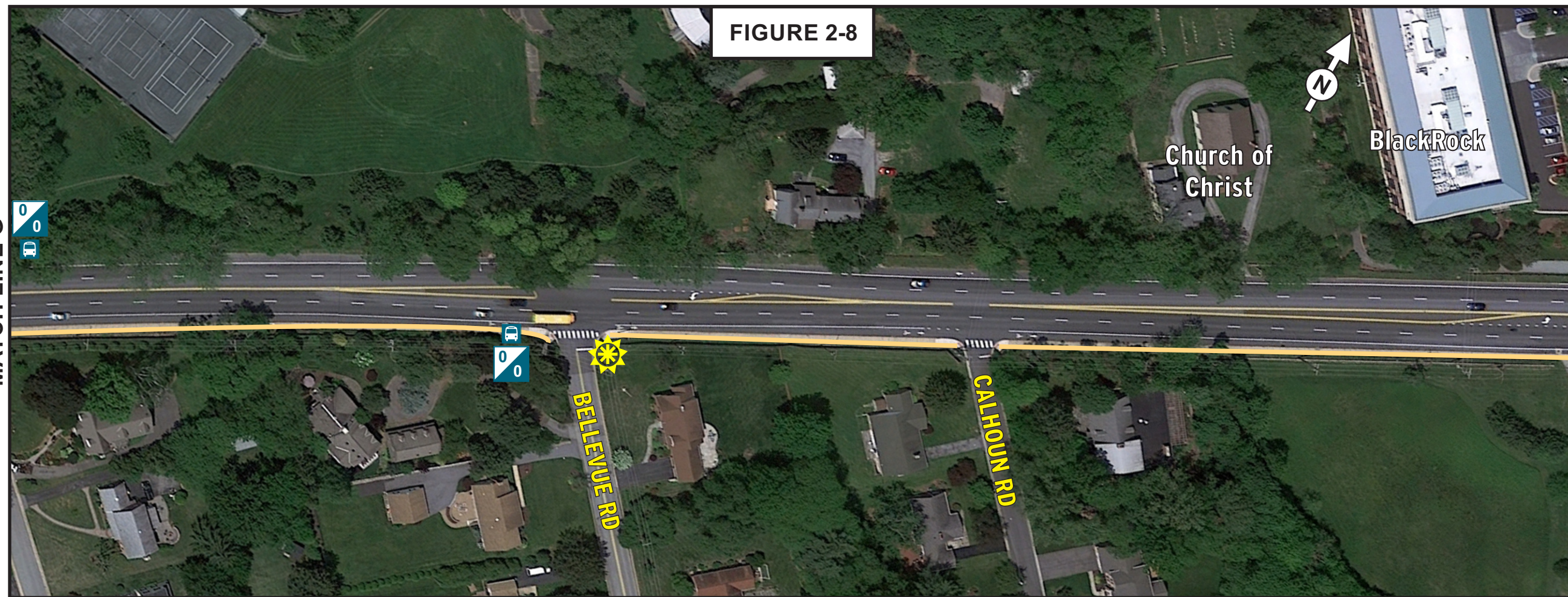MATCH LINE I

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

LEGEND
🚦 Traffic Signal
🚌 Existing Bus Stop
Bus Board/Alight
✳ Existing Luminaire
Existing Sidewalk
Average Hourly Ped Volume (highest of 3 peaks)

FIGURE 2-10

Maguire Pest Control

HOLLY HILL RD

Pedestrian Crash #5
December 2006
Ped was 12 years old
Crossed at unmarked location

Flower Station of Delaware

CLEARVIEW AVE

Business History & Tech Museum

MULLIN RD

Pedestrian Crash #7
December 2007
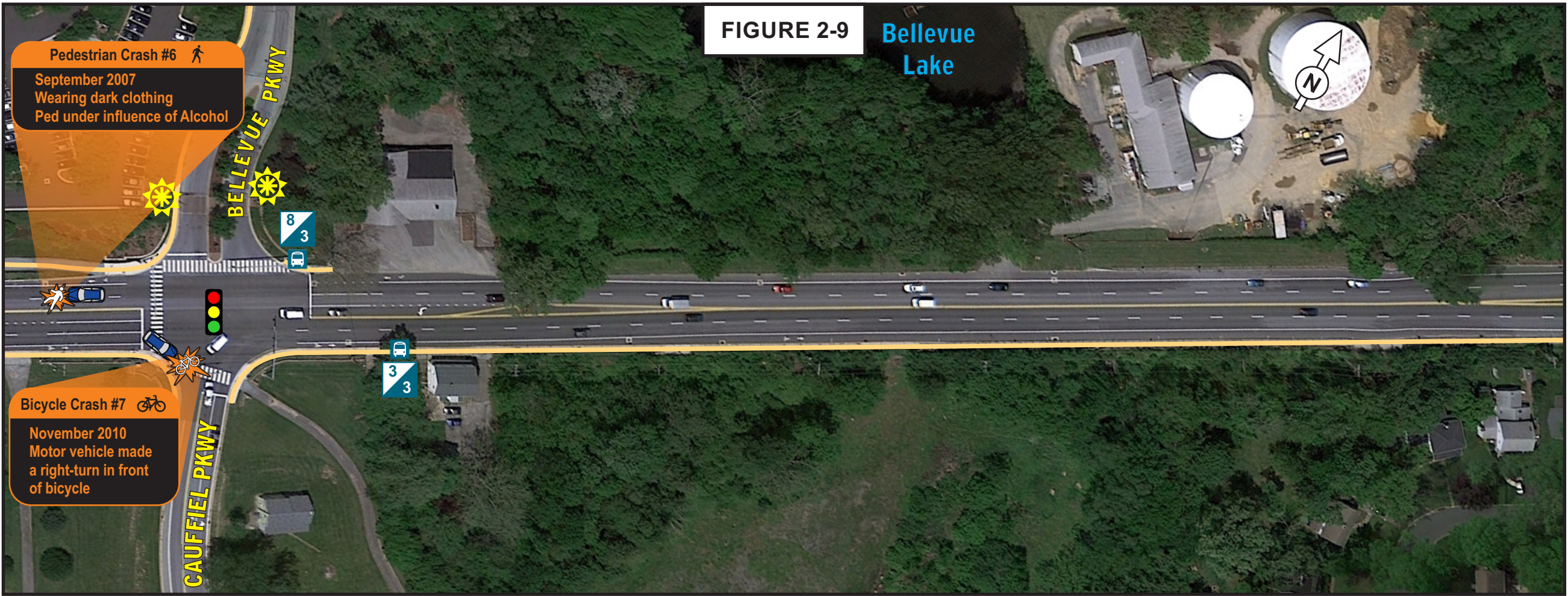Crossed at unmarked location

CLEARVIEW AVE

BOTHBY DR

MATCH LINE I

MATCH LINE J

CRASH TYPES
Pedestrian Non-injury Crash
Bicycle Non-injury Crash
Pedestrian Injury Crash
Bicycle Injury Crash
Pedestrian Fatal Crash
Bicycle Fatal Crash
Dark Nighttime Crash

Crash study period-January 2005 through April 2016
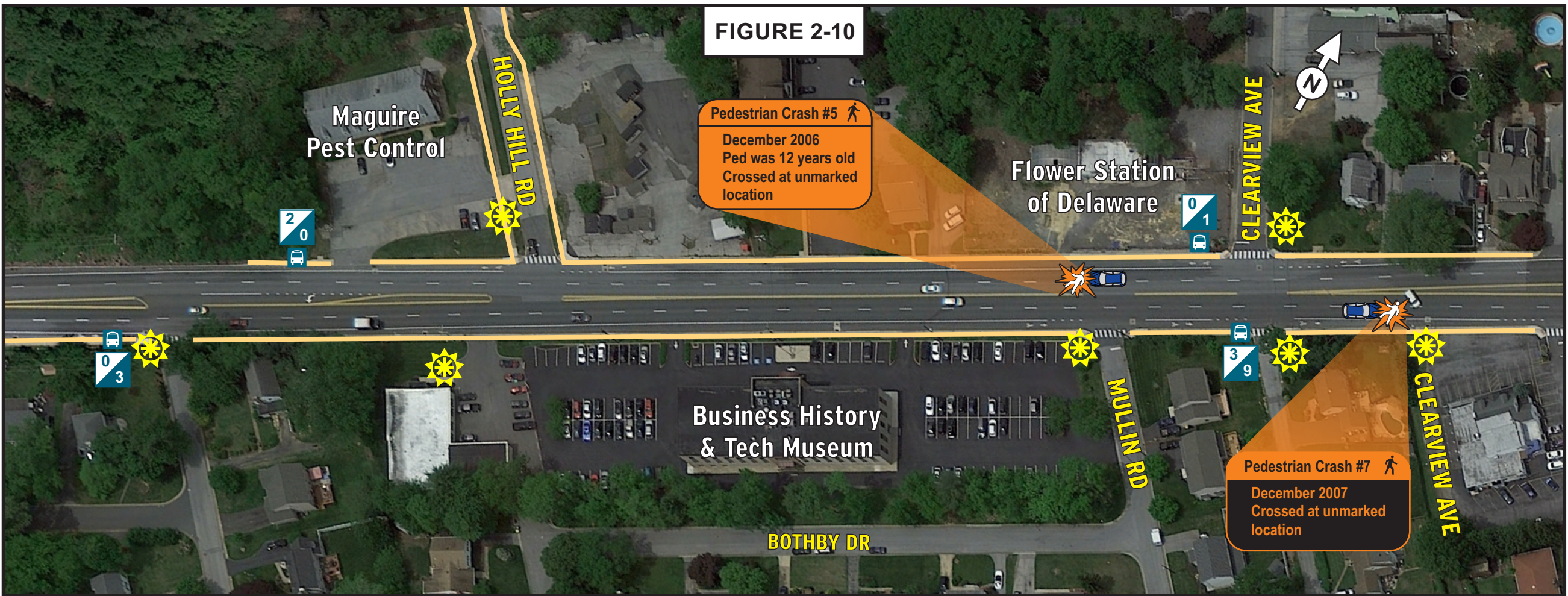
0   50   100   150   200 Feet

FIGURE 2-11

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

MATCHLINE J

SILVERSIDE RD

PERKINS AVE

WALNUT LN

MATCH LINE K

Pedestrian Crash #29
February 2015
Wet pavement
Wearing dark clothing

Pedestrian Crash #2
August 2006
Ped pushing stalled vehicle
Inattentive driving

Pedestrian Crash #16
December 2011
Vehicle made an illegal turn
Crossed at unmarked location

Webb's Cleaners

Lab Corporation

The Chicken House

Walgreens

26/10

1/1

10 / N/A / 3 / 9

LEGEND

- Traffic Signal
- Existing Bus Stop
- Bus Board/Alight
- Existing Luminaire
- Existing Sidewalk
- Average Hourly Ped Volume (highest of 3 peaks)

FIGURE 2-12

MATCH LINE K

MATCH LINE L

HOLLY OAK RD

DELAWARE AVE

PENN AVE

Pedestrian Crash #32
December 2015
Disregarded pedestrian signal

Pedestrian Crash #10
April 2009
Rain, wet road surface
Ped got off Dart Bus
Ped under influence of alcohol

VFW- Post 5447

Mr. Pasta
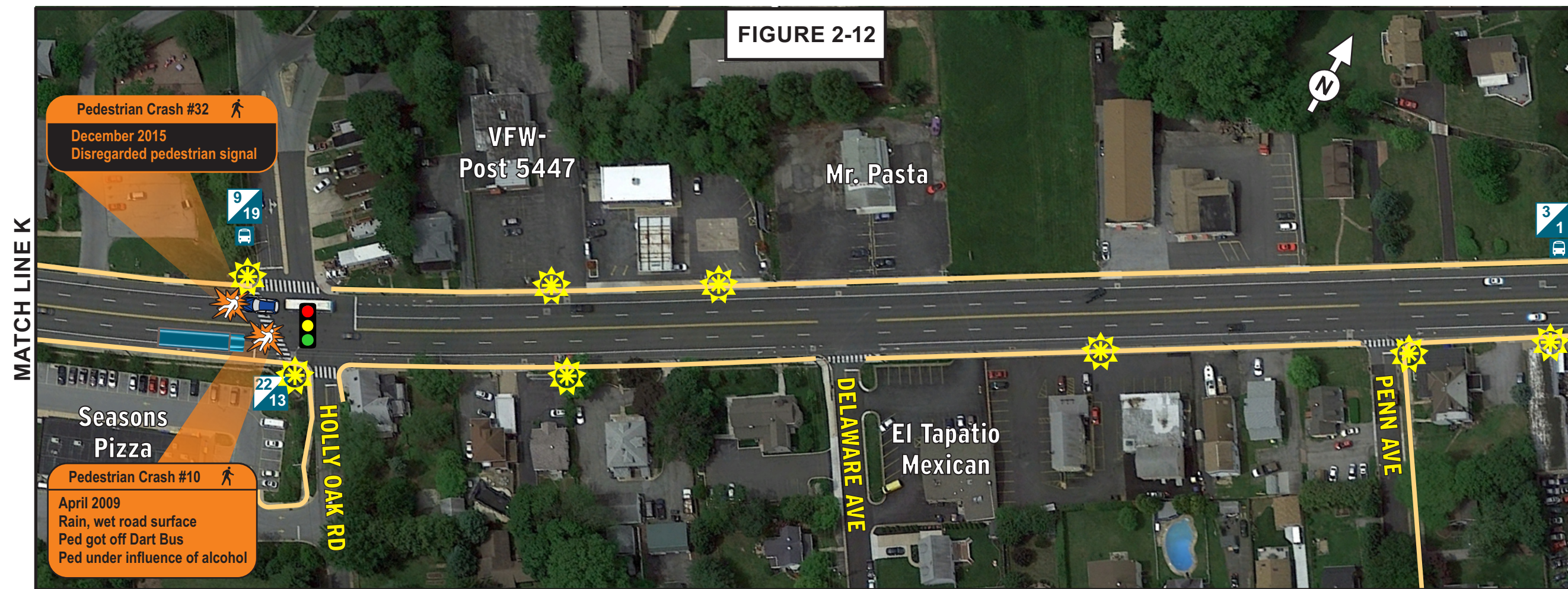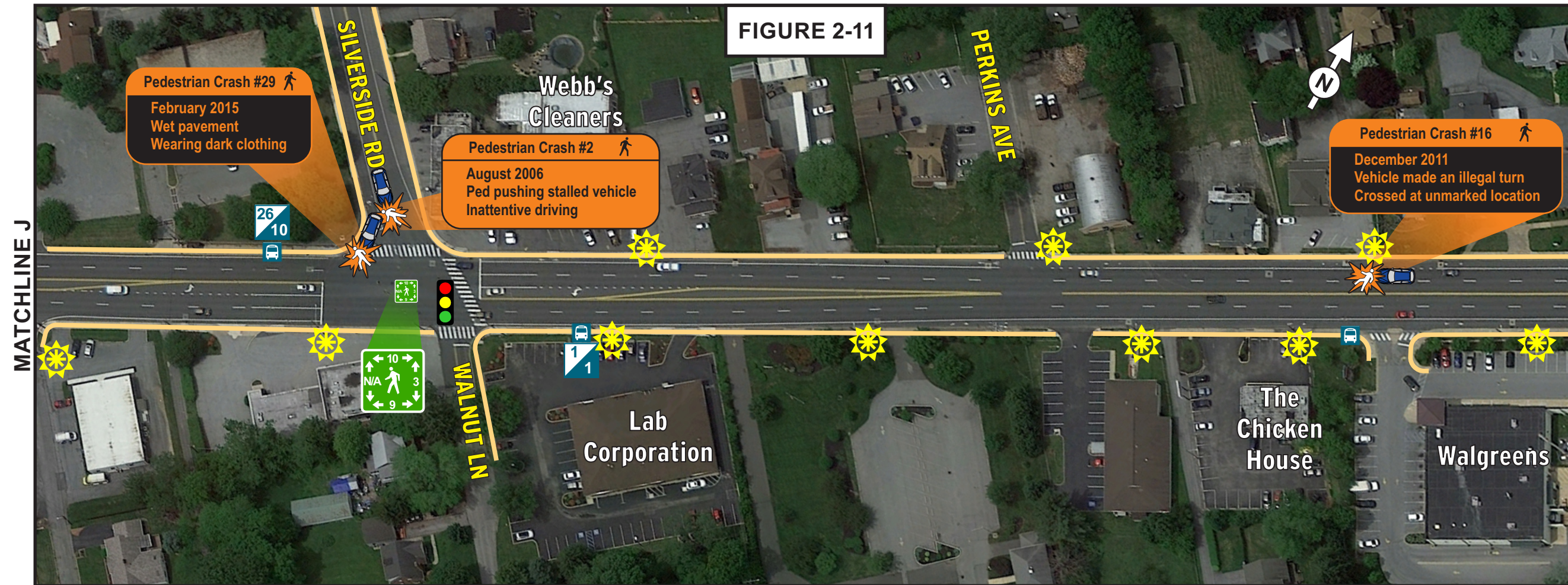
Seasons Pizza

El Tapatio Mexican
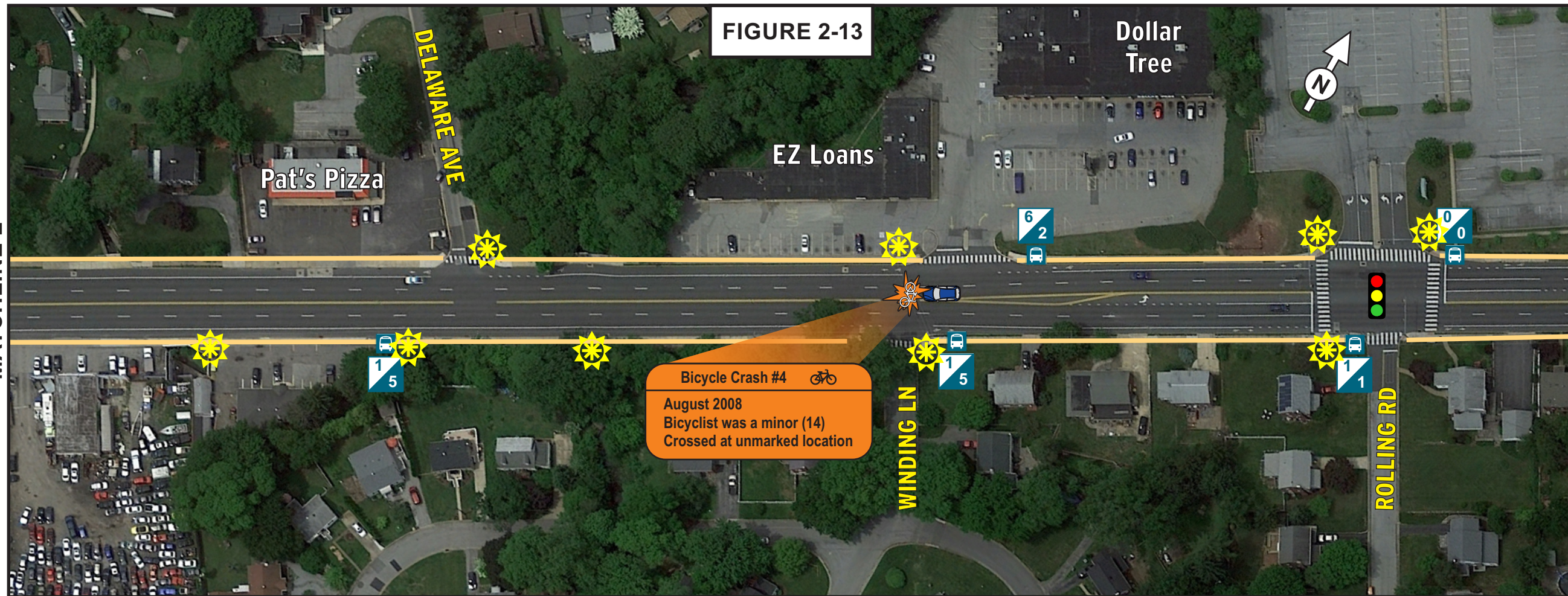
9/19

22/13

3/1

CRASH TYPES

- Pedestrian Non-injury Crash
- Bicycle Non-injury Crash
- Pedestrian Injury Crash
- Bicycle Injury Crash
- Pedestrian Fatal Crash
- Bicycle Fatal Crash
- Dark Nightime Crash

Crash study period- January 2005 through April 2016

Feet
0   50   100   150   200

FIGURE 2-13

Philadelphia Pike
Pedestrian Safety
Audit Study

*Lea Blvd. to DE-PA
State Line*

JUNE 2017

DELAWARE AVE

Pat's Pizza

EZ Loans

Dollar Tree

MATCHLINE L

MATCH LINE M

Bicycle Crash #4

August 2008
Bicyclist was a minor (14)
Crossed at unmarked location

WINDING LN

ROLLING RD

LEGEND

- 🚦 Traffic Signal
- 🚌 Existing Bus Stop
- Bus Board/Alight
- ☀ Existing Luminaire
- — Existing Sidewalk
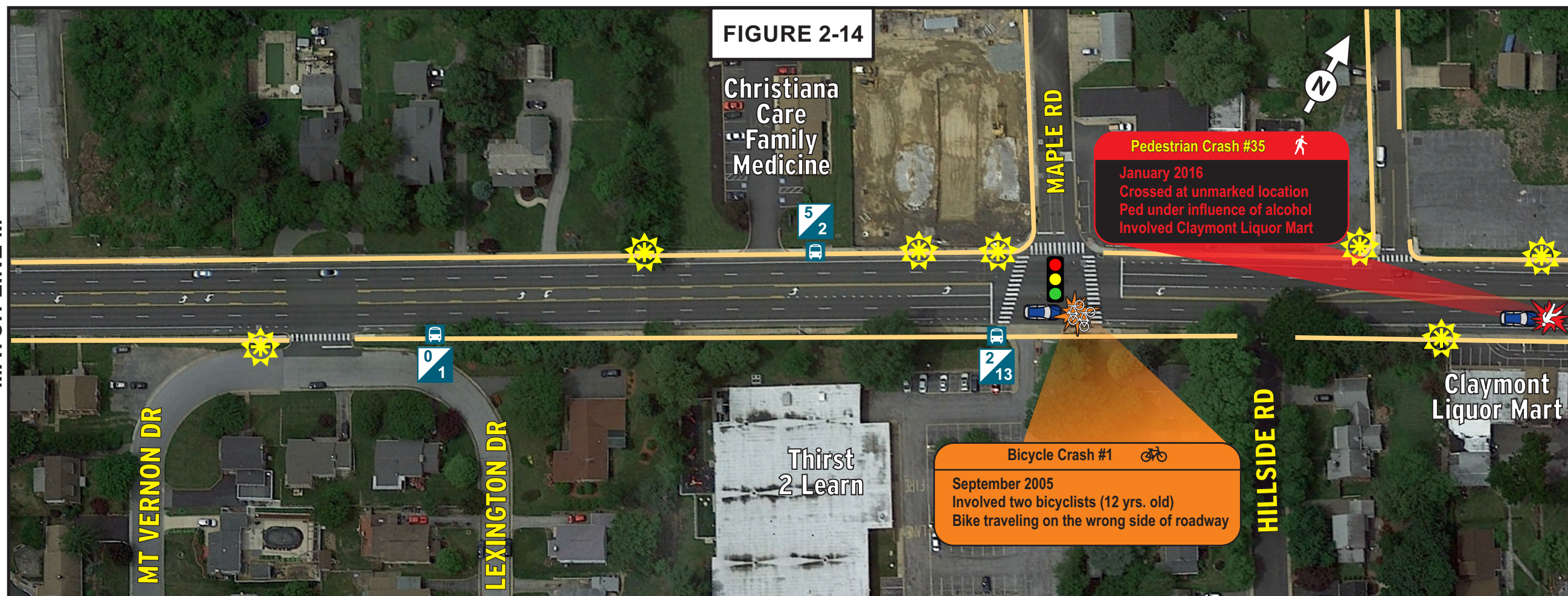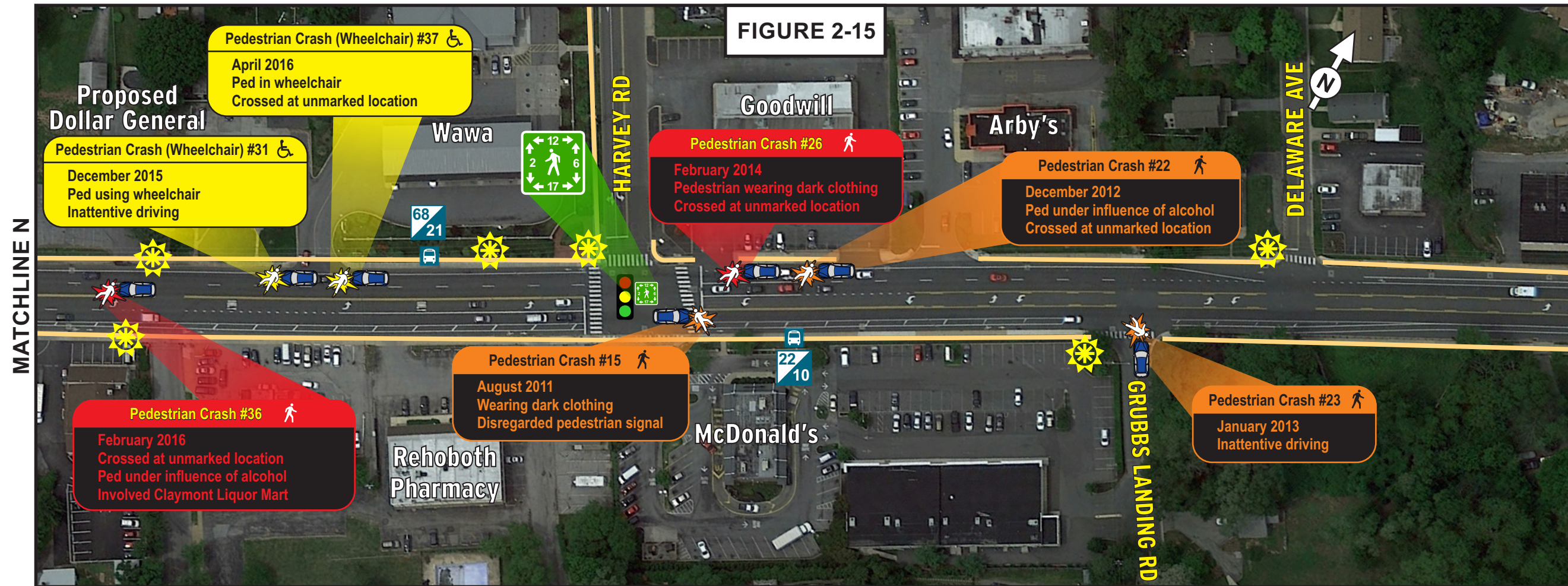- Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES

- Pedestrian Non-injury Crash
- Bicycle Non-injury Crash
- Pedestrian Injury Crash
- Bicycle Injury Crash
- Pedestrian Fatal Crash
- Bicycle Fatal Crash
- **Dark** Nighttime Crash

FIGURE 2-14

Christiana Care Family Medicine

MAPLE RD

Pedestrian Crash #35

January 2016
Crossed at unmarked location
Ped under influence of alcohol
Involved Claymont Liquor Mart

MATCH LINE M

MATCH LINE N

MT VERNON DR

LEXINGTON DR

Thirst 2 Learn

Bicycle Crash #1

September 2005
Involved two bicyclists (12 yrs. old)
Bike traveling on the wrong side of roadway

HILLSIDE RD

Claymont Liquor Mart

*Crash study period-
January 2005 through
April 2016*

Feet
0 50 100 150 200

FIGURE 2-15

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

Proposed Dollar General

Wawa

Goodwill

Arby's

HARVEY RD

DELAWARE AVE

MATCHLINE N

MATCH LINE O

Pedestrian Crash (Wheelchair) #37
April 2016
Ped in wheelchair
Crossed at unmarked location

Pedestrian Crash (Wheelchair) #31
December 2015
Ped using wheelchair
Inattentive driving

Pedestrian Crash #26
February 2014
Pedestrian wearing dark clothing
Crossed at unmarked location

Pedestrian Crash #22
December 2012
Ped under influence of alcohol
Crossed at unmarked location

Pedestrian Crash #15
August 2011
Wearing dark clothing
Disregarded pedestrian signal

Pedestrian Crash #36
February 2016
Crossed at unmarked location
Ped under influence of alcohol
Involved Claymont Liquor Mart

Pedestrian Crash #23
January 2013
Inattentive driving

Rehoboth Pharmacy

McDonald's

GRUBBS LANDING RD

LEGEND

🚦 Traffic Signal

🚌 Existing Bus Stop

Bus Board/Alight

✴ Existing Luminaire

— Existing Sidewalk

Average Hourly Ped Volume (highest of 3 peaks)

FIGURE 2-16

MATCH LINE O

Methadone Clinic

3 J's Discount Tire

Yetter's Liqours

MATCH LINE P

PENNSYLVANIA AVE

PRINCETON AVE

Burger King

Pedestrian Crash #27
May 2014
Rain, wet pavement
Ped under the influence of alcohol
Motorist charged with DUI

Pedestrian Crash #20
December 2012
Wet pavement
Crossed at unmarked location
Ped under influence of alcohol
Involved Yetter's Liquor Store

Pedestrian Crash #33
December 2015
Ped under the influence of alcohol
Crossed at an unmarked location

Pedestrian Crash #14
June 2011
Vehicle backed into ped
Involved to Methadone Clinic

CRASH TYPES

💥 Pedestrian Non-injury Crash

💥 Bicycle Non-injury Crash

💥 Pedestrian Injury Crash

💥 Bicycle Injury Crash

💥 Pedestrian Fatal Crash

💥 Bicycle Fatal Crash

Dark Nightime Crash

Crash study period- January 2005 through April 2016
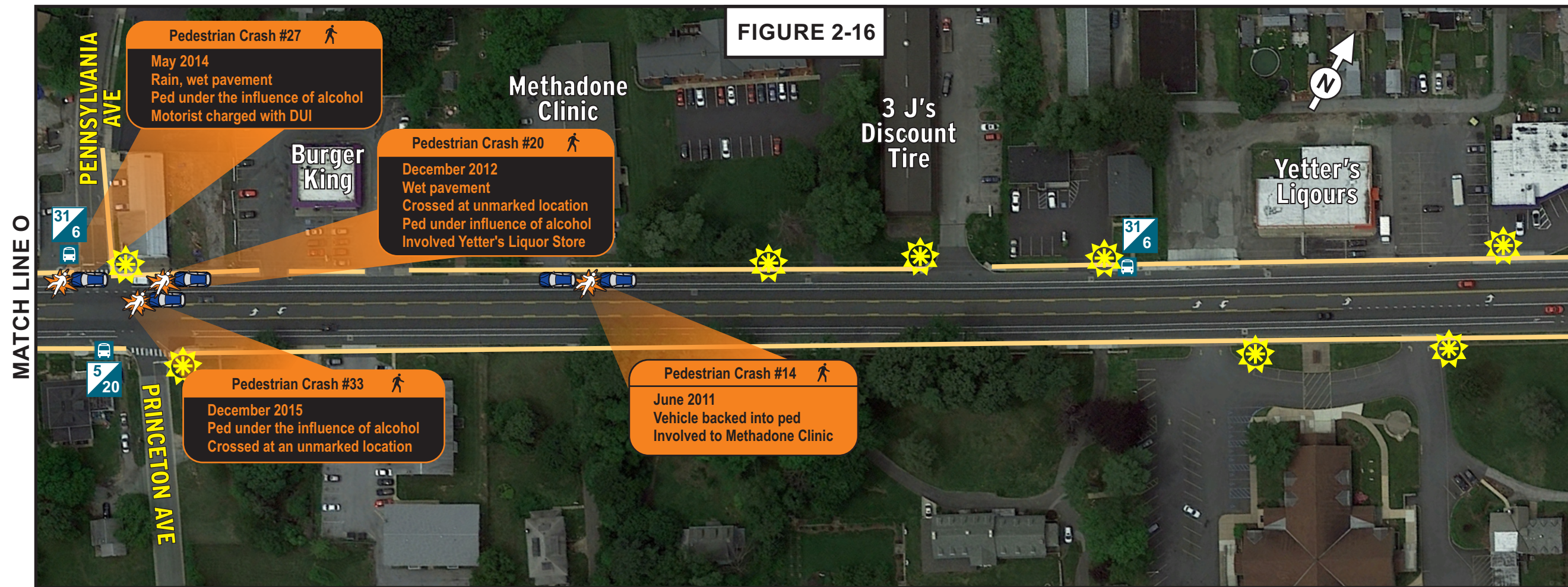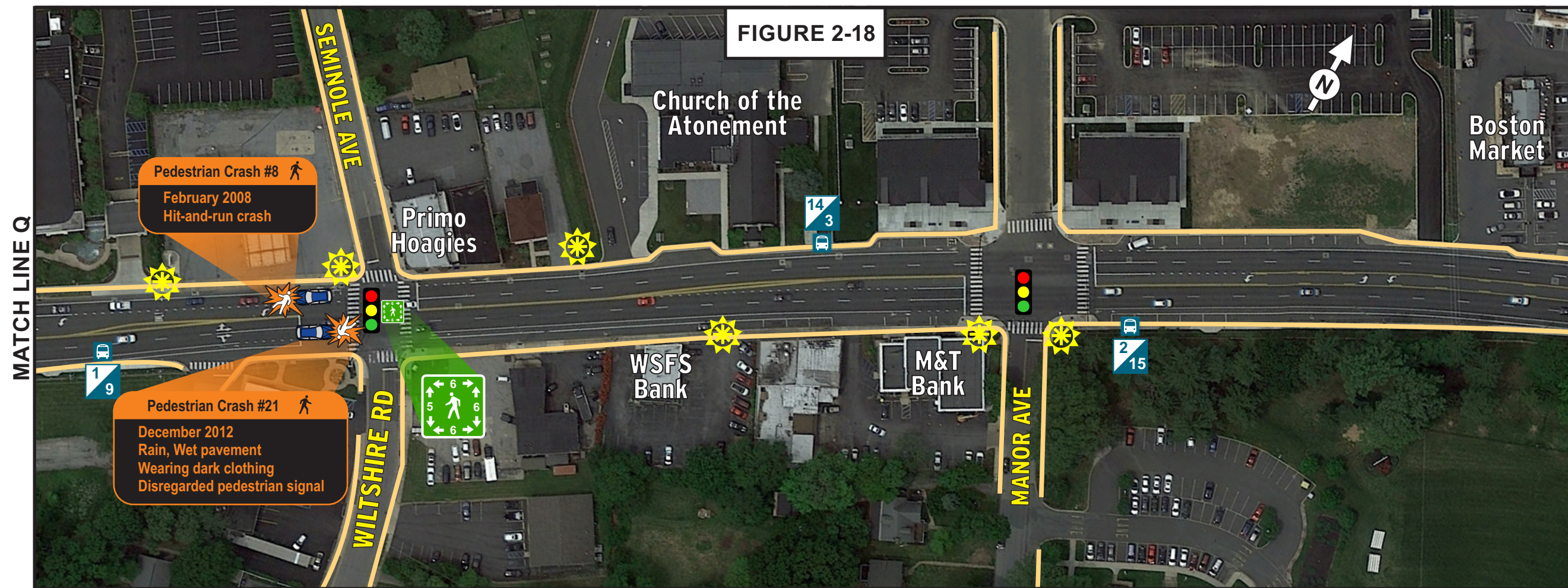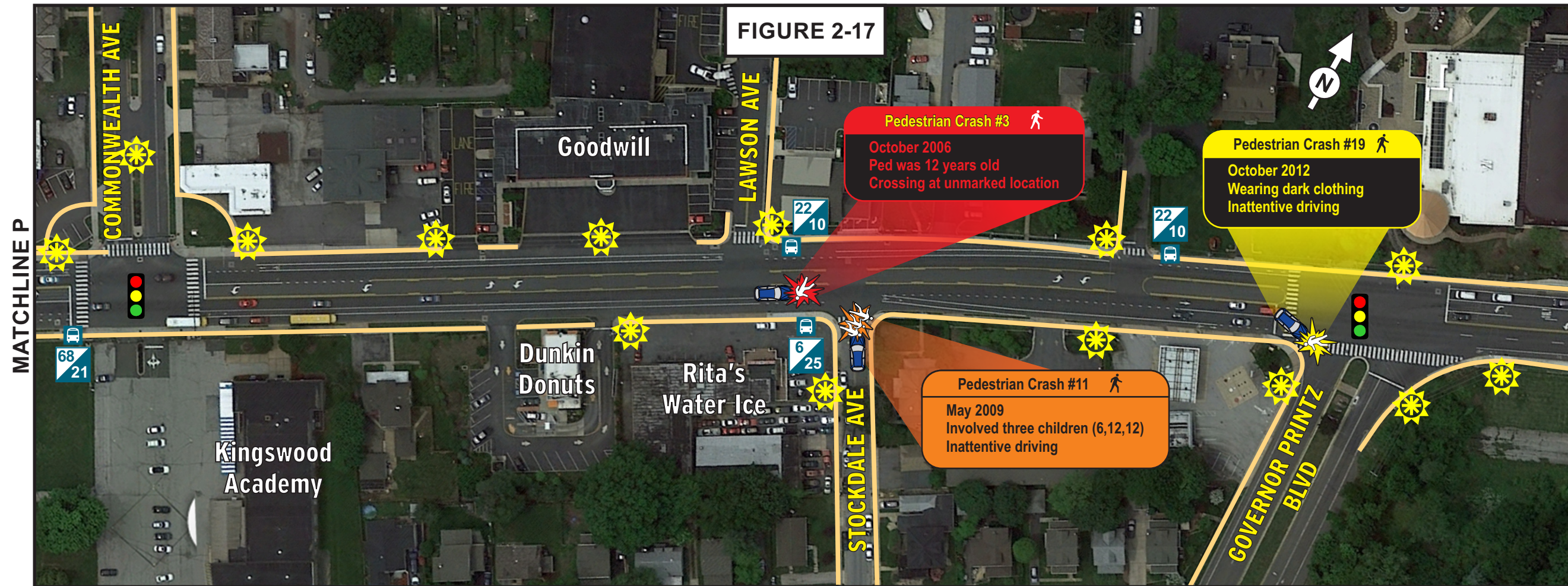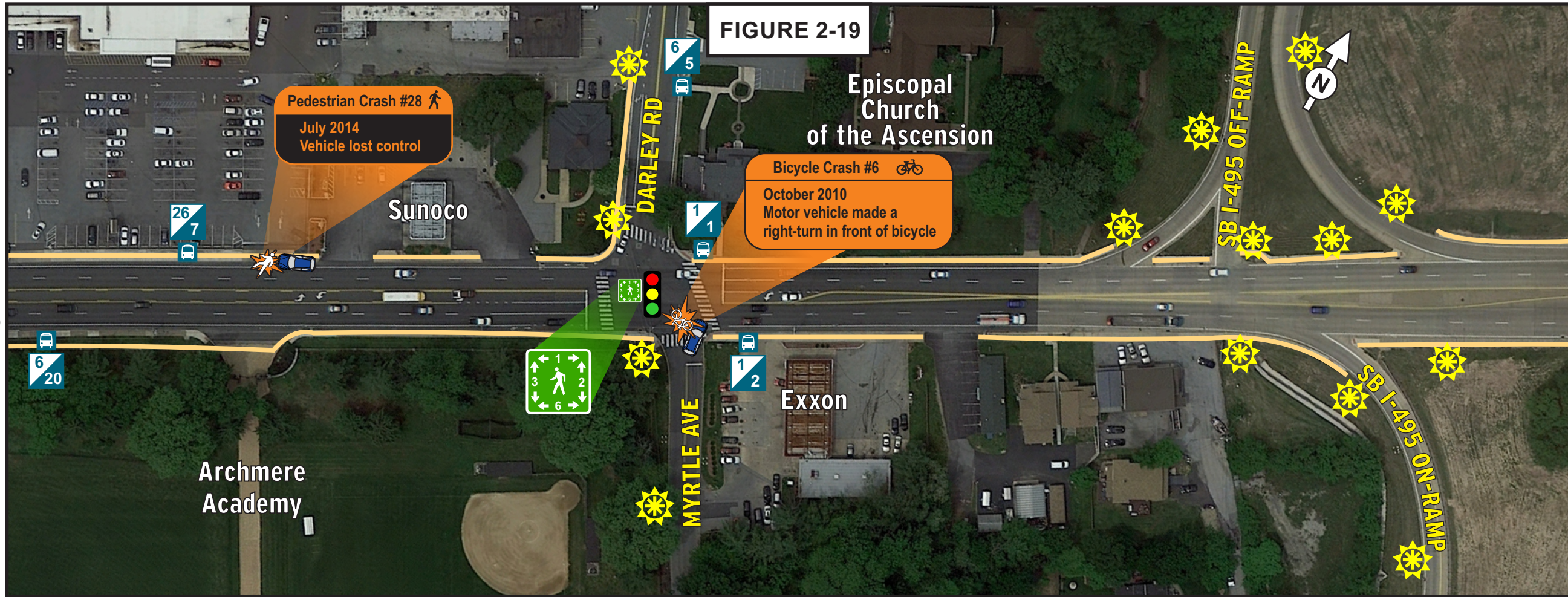
0   50   100   150   200   Feet

FIGURE 2-17

Pedestrian Crash #3
October 2006
Ped was 12 years old
Crossing at unmarked location

Pedestrian Crash #19
October 2012
Wearing dark clothing
Inattentive driving

Pedestrian Crash #11
May 2009
Involved three children (6,12,12)
Inattentive driving

COMMONWEALTH AVE
MATCHLINE P
LAWSON AVE
Goodwill
Dunkin Donuts
Rita's Water Ice
Kingswood Academy
STOCKDALE AVE
GOVERNOR PRINTZ BLVD
MATCH LINE Q

FIGURE 2-18

Pedestrian Crash #8
February 2008
Hit-and-run crash

Pedestrian Crash #21
December 2012
Rain, Wet pavement
Wearing dark clothing
Disregarded pedestrian signal

MATCH LINE Q
SEMINOLE AVE
Church of the Atonement
Boston Market
Primo Hoagies
WSFS Bank
M&T Bank
WILTSHIRE RD
MANOR AVE
MATCH LINE R

Philadelphia Pike Pedestrian Safety Audit Study
Lea Blvd. to DE-PA State Line
JUNE 2017

LEGEND
- Traffic Signal
- Existing Bus Stop
- Bus Board/Alight
- Existing Luminaire
- Existing Sidewalk
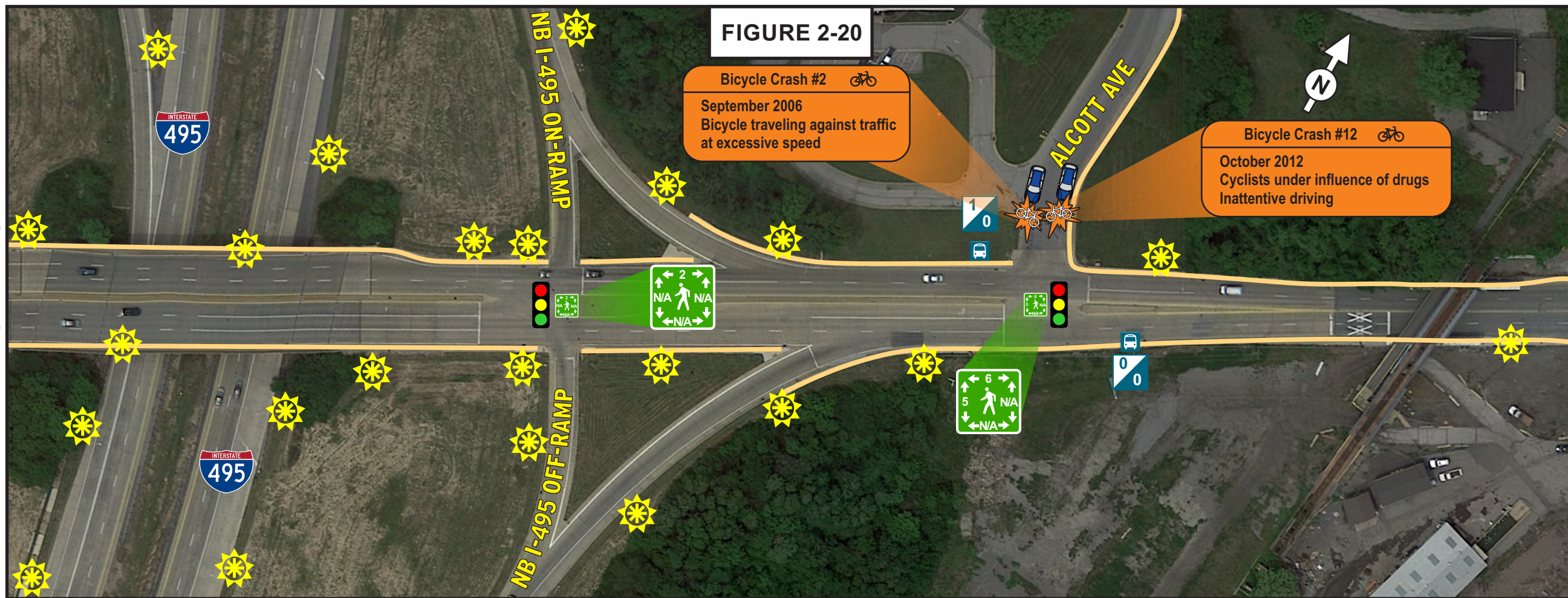- Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES
- Pedestrian Non-injury Crash
- Bicycle Non-injury Crash
- Pedestrian Injury Crash
- Bicycle Injury Crash
- Pedestrian Fatal Crash
- Bicycle Fatal Crash
- Dark Nightime Crash

Crash study period- January 2005 through April 2016
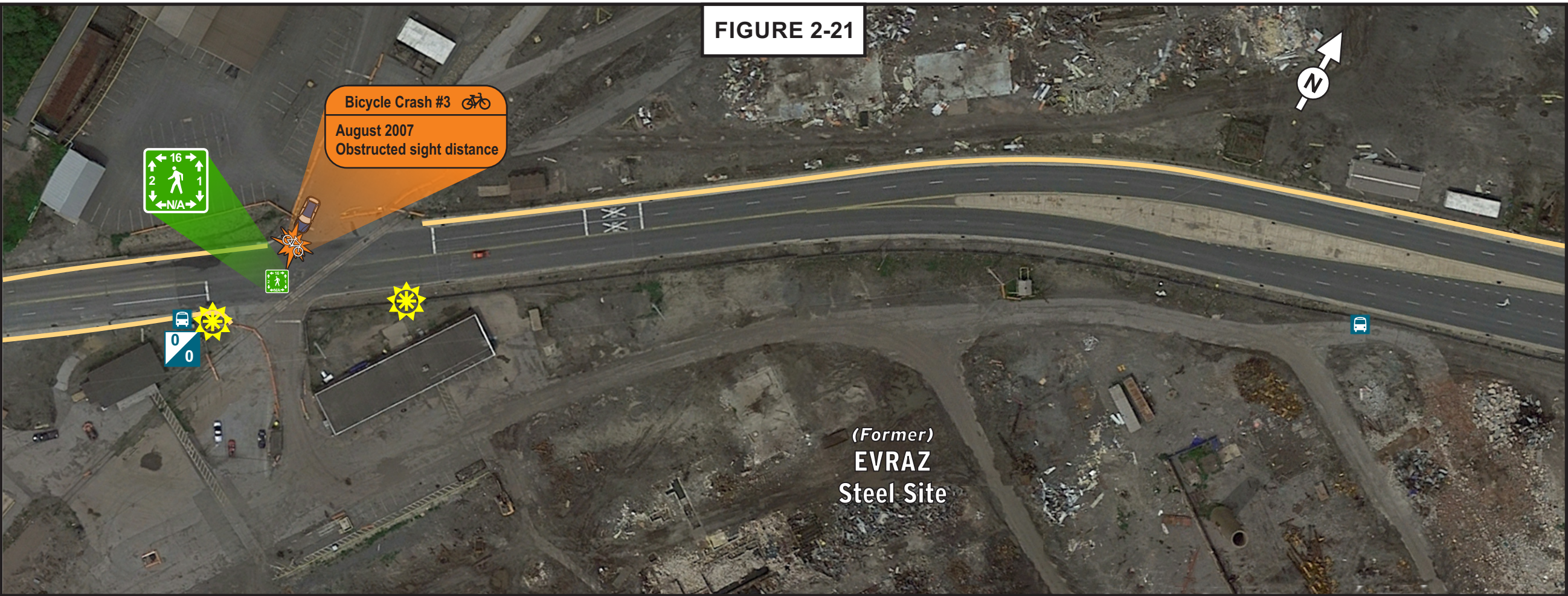
Feet
0   50   100   150   200

FIGURE 2-19

Pedestrian Crash #28
July 2014
Vehicle lost control

Bicycle Crash #6
October 2010
Motor vehicle made a
right-turn in front of bicycle

Episcopal
Church
of the Ascension

Sunoco

Archmere
Academy

DARLEY RD
MYRTLE AVE
Exxon

SB I-495 OFF-RAMP
SB I-495 ON-RAMP

MATCHLINE R
MATCH LINE S

FIGURE 2-20

Bicycle Crash #2
September 2006
Bicycle traveling against traffic
at excessive speed

Bicycle Crash #12
October 2012
Cyclists under influence of drugs
Inattentive driving

NB I-495 ON-RAMP
NB I-495 OFF-RAMP
ALCOTT AVE
INTERSTATE 495

MATCH LINE S
MATCH LINE T

**Philadelphia Pike
Pedestrian Safety
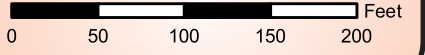Audit Study**

*Lea Blvd. to DE-PA
State Line*

JUNE 2017

LEGEND
Traffic Signal
Existing Bus Stop
Bus Board/Alight
Existing Luminaire
Existing Sidewalk
Average Hourly
Ped Volume
(highest of 3
peaks)

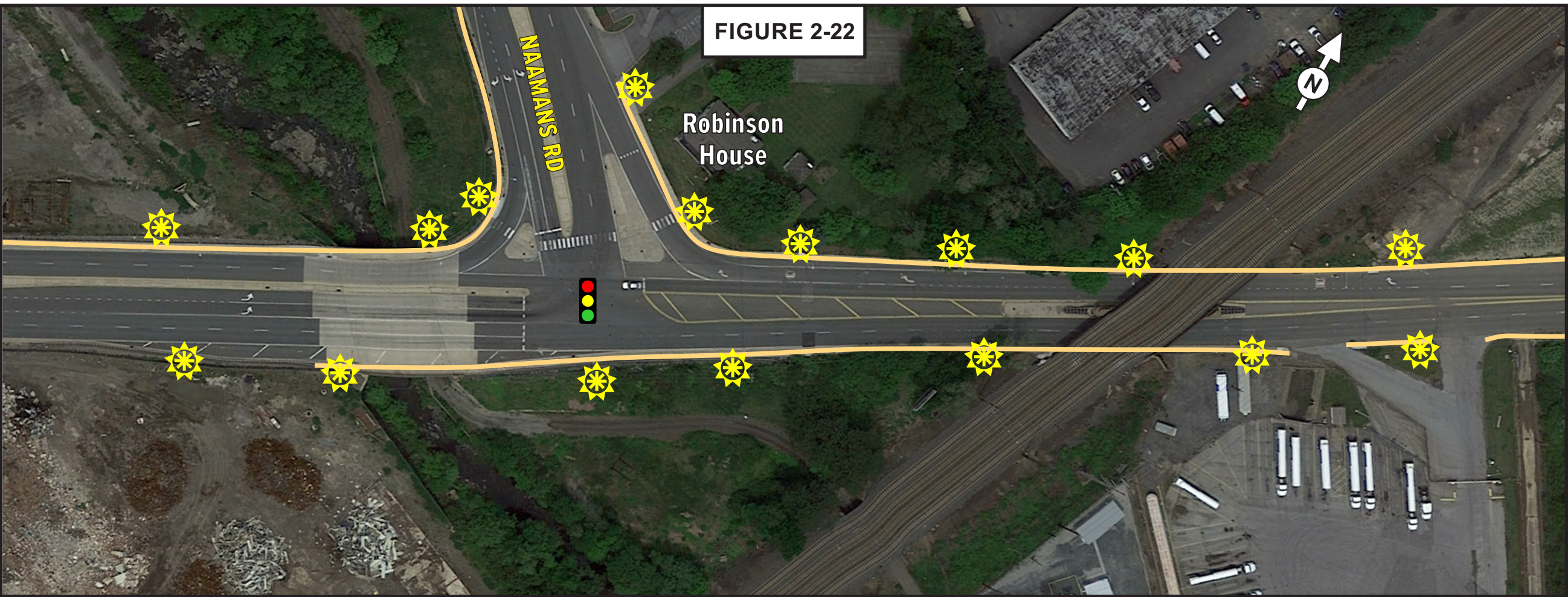**CRASH TYPES**
Pedestrian
Non-injury Crash
Bicycle
Non-injury Crash
Pedestrian
Injury Crash
Bicycle
Injury Crash
Pedestrian
Fatal Crash
Bicycle
Fatal Crash
Dark Nightime Crash

*Crash study period-
January 2005 through
April 2016*

Feet
0   50   100 150 200

FIGURE 2-21

Bicycle Crash #3 🚲
August 2007
Obstructed sight distance

16
2   1
N/A

0
0

MATCHLINE T

MATCH LINE U

(Former)
EVRAZ
Steel Site

FIGURE 2-22

NAAMANS RD

Robinson
House

MATCH LINE U

MATCH LINE V

Philadelphia Pike Pedestrian Safety Audit Study
Lea Blvd. to DE-PA State Line
JUNE 2017

LEGEND

🔴🟡🟢 Traffic Signal

🚌 Existing Bus Stop

Bus Board/Alight

☀ Existing Luminaire

Existing Sidewalk

Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES

Pedestrian Non-injury Crash

Bicycle Non-injury Crash

Pedestrian Injury Crash

Bicycle Injury Crash

Pedestrian Fatal Crash

Bicycle Fatal Crash

Dark Nightime Crash
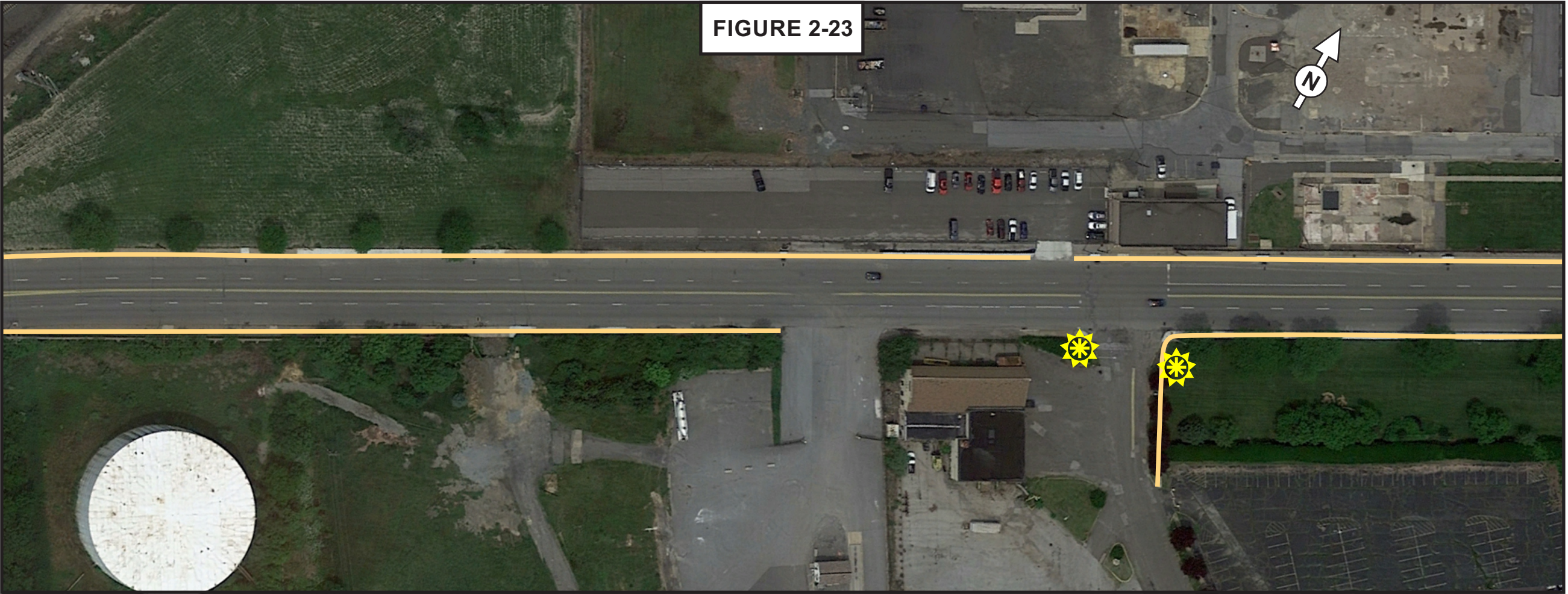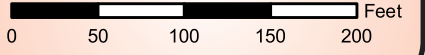
Crash study period- January 2005 through April 2016

Feet
0   50   100   150   200

FIGURE 2-23

FIGURE 2-24

MATCHLINE V

MATCH LINE W

MATCH LINE W

Honeywell

PENNSYLVANIA

DELAWARE

Philadelphia Pike Pedestrian Safety Audit Study

Lea Blvd. to DE-PA State Line

JUNE 2017

LEGEND

🚦 Traffic Signal

🚌 Existing Bus Stop

Bus Board/Alight

✸ Existing Luminaire

━━ Existing Sidewalk

Average Hourly Ped Volume (highest of 3 peaks)

CRASH TYPES

Pedestrian Non-injury Crash

Bicycle Non-injury Crash

Pedestrian Injury Crash

Bicycle Injury Crash

Pedestrian Fatal Crash

Bicycle Fatal Crash

Dark Nightime Crash

Crash study period- January 2005 through April 2016

Feet
0   50   100   150   200