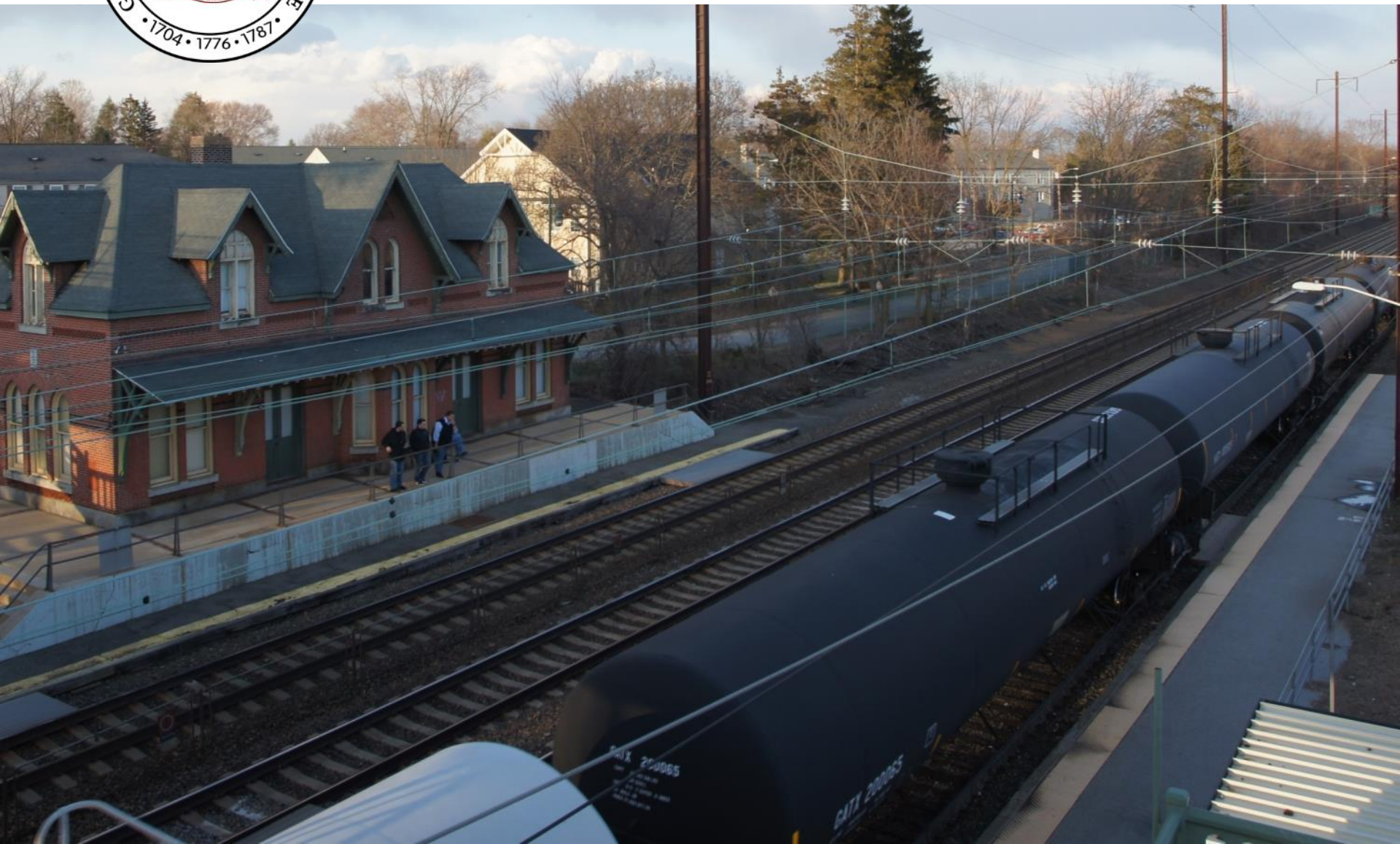
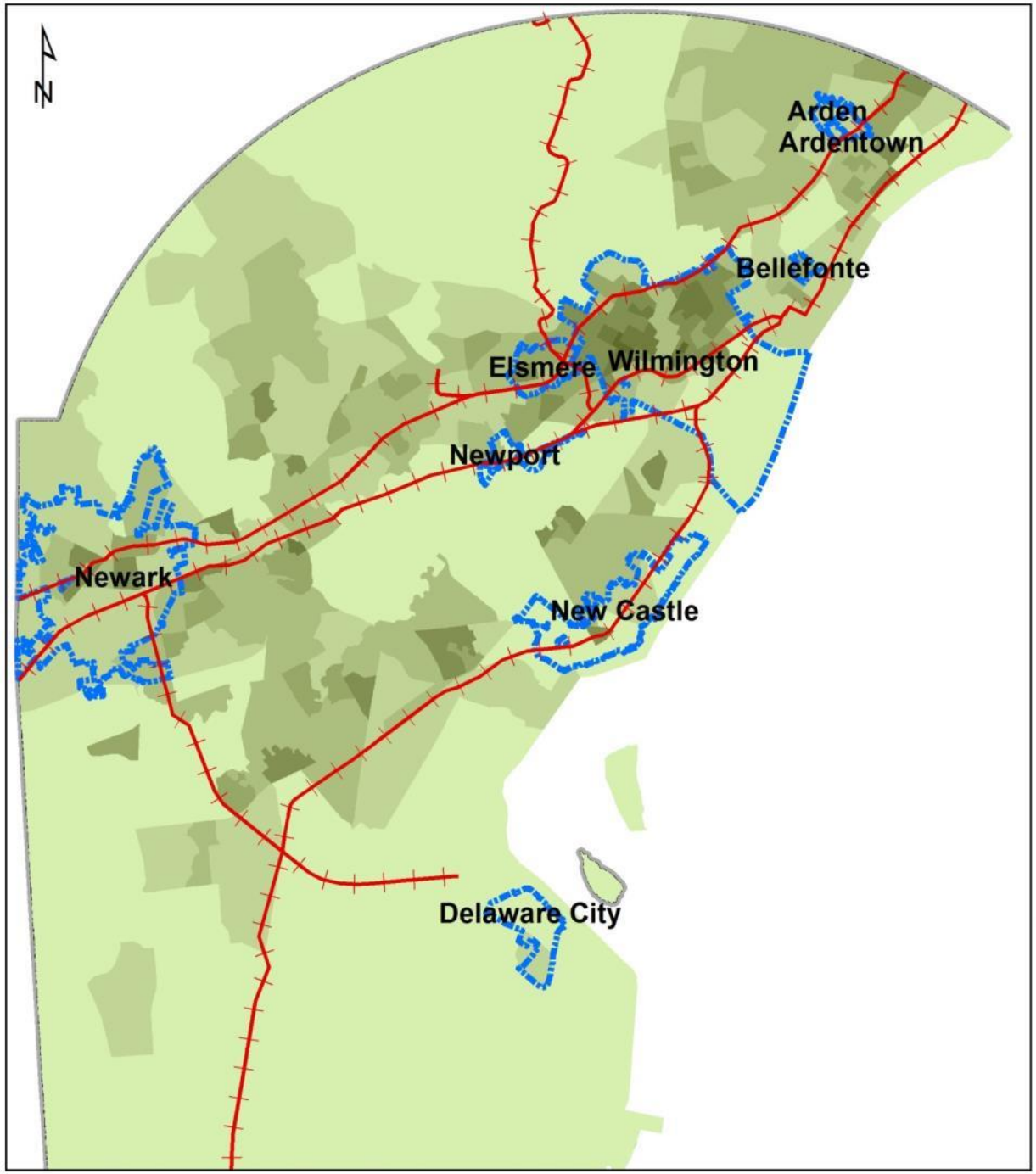
Newark Train Station Photo: A. Roe

Rail Car Safety Hearing

Legislative Hall
March 26, 2014

Sponsored by:
Representative John Kowalko
Representative JJ Johnson
Representative Ed Osienski





Railroads in New Castle County, Delaware

Legend

- Railroads
- Municipalities
- Delaware State Line

Population Density, persons per acre

- 0 - 2
- 2 - 4
- 4 - 8
- 8.1 - 12
- 12.1 - 24
- 25.7 - 48
- 52.1 - 62.9

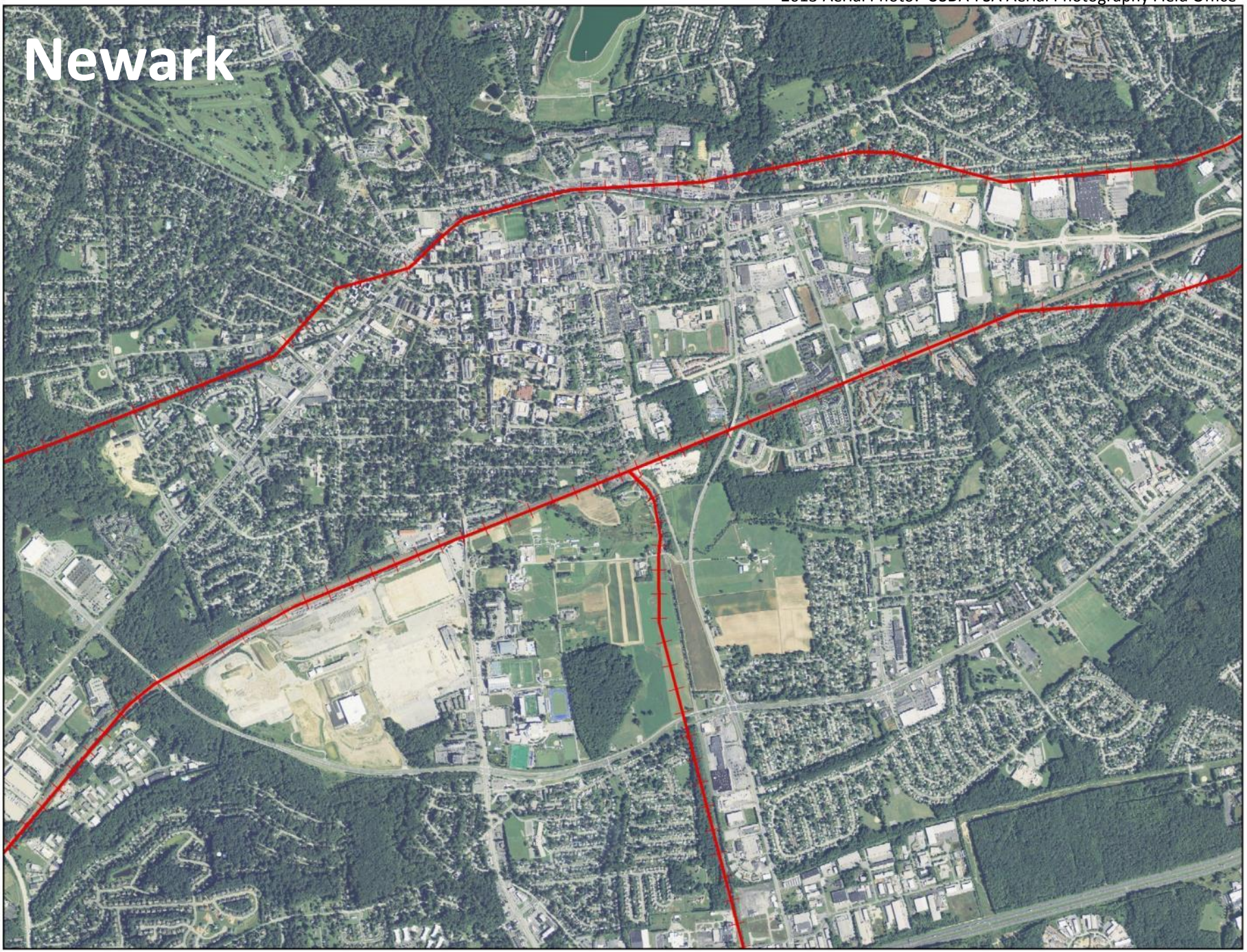
0 1.75 3.5 7 Miles

Sources of Spatial Data:
Delaware Geospatial Data Exchange
National Atlas

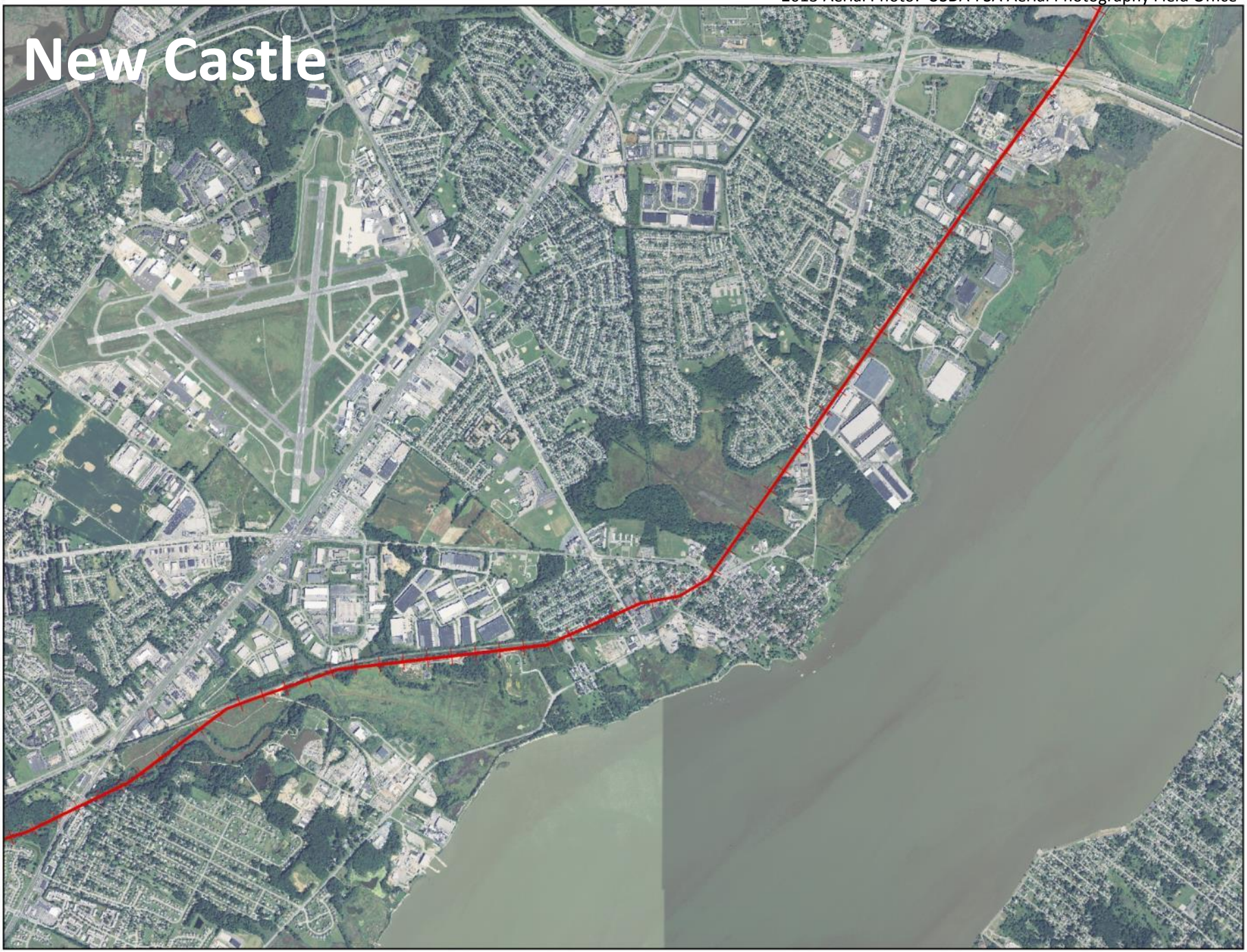
Projection: NAD 1983 State Plane Delaware
FIPS 0070 (Feet)

Spatial analysis by Amy Roe, Ph.D. March 17, 2014

2013 Aerial Photo: USDA-FSA Aerial Photography Field Office



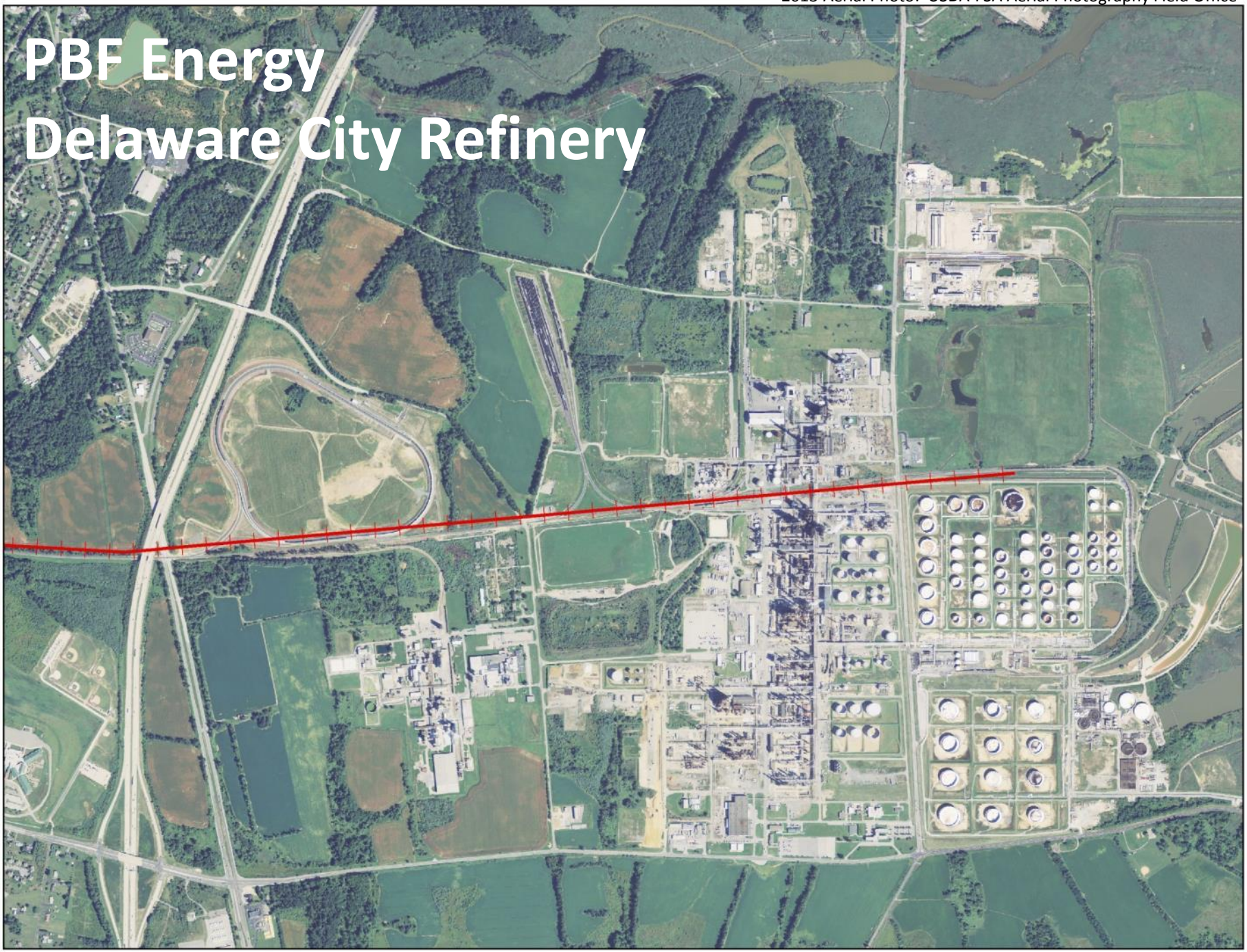
2013 Aerial Photo: USDA-FSA Aerial Photography Field Office



2013 Aerial Photo: USDA-FSA Aerial Photography Field Office

2013 Aerial Photo: USDA-FSA Aerial Photography Field Office

2013 Aerial Photo: USDA-FSA Aerial Photography Field Office



Newark Norfolk Southern Rail Yard, Photo: C. Merlet

Devon Neighborhood in Newark, Photo: C. Merlet

Devon Neighborhood in Newark, Photo: C. Merlet

Phillips Park in Newark, Photo: A. Roe

Norfolk Southern Rail Yard in Newark, Photo: A. Roe

Lac Megantic, Canada: July 6, 2013

A freight train containing 72 tank cars of crude oil runs away while unattended and derails in Lac-Mégantic, Quebec. Several cars explode, resulting in 42 confirmed dead and 5 missing and presumed dead; over 30 buildings in the town's centre, roughly half of the downtown area, are destroyed.

Photo: The Canadian Press

Gainford, Canada: October 19, 2013

A train with 13 cars carrying crude oil and liquefied petroleum gas derails west of Edmonton, Alberta. Local residents are evacuated in Gainford, Alberta. A fire results and no one was injured.

Pickens County, Alabama: November 8, 2013

8 November 2013 – United States – A 90-car freight train carrying crude oil from the Bakken shale patch in North Dakota (possibly similar to the type carried in the July 2013 Lac-Megantic derailment in Quebec, Canada), from Amory, Mississippi to a refinery in Walnut Hill, Florida, derails and explodes in the morning in Pickens County, Alabama (west AL); the flames, which shot upward 300 feet high, were left to burn themselves out, which may take up to 24 hours. Thankfully, there were no fatalities or injuries.[216]

Photo: The Wall Street Journal

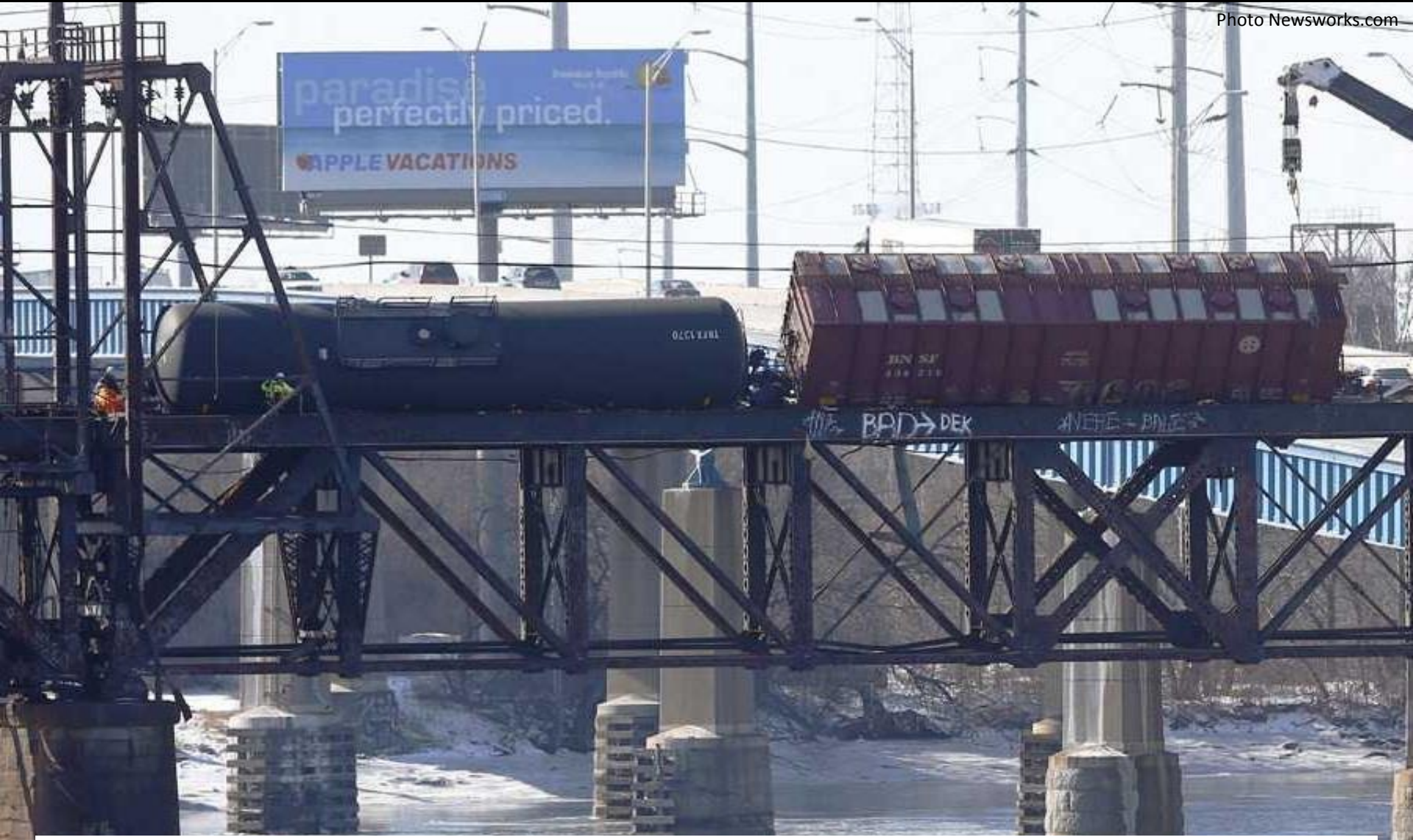
Cassleton, North Dakota: December 30, 2013

Several grain cars from a westbound train derail and strike an eastbound train carrying crude oil on an adjoining track near Casselton, North Dakota. Several crude oil cars explode, resulting in large clouds of black smoke which forced an evacuation of the area. No casualties were reported.

Photo: The Huffington Post

New Brunswick, Canada: January 7, 2014

Canada – A CN train carrying crude oil and propane derails near Plaster Rock, New Brunswick. The resulting fire forces an evacuation of the area within a two-kilometre radius. No injuries are reported



Philadelphia, Pennsylvania: January 20, 2014

A CSX train carrying crude oil derails in Philadelphia, Pennsylvania. Seven cars of a 101-car train derailed on a bridge over the Schuylkill Expressway, causing the road to be shut down for brief periods of time as emergency crews drained the tankers. No injuries were reported.

New Augusta, Mississippi: January 31, 2014

A CN train carrying crude oil, methane and liquid fertilizer derails near New Augusta, Mississippi. 18 to 24 cars of the 85-car train derailed and began leaking. The derailment occurred in a rural area, but resulted in 12 families being evacuated and four lanes of U.S. 98 closed as emergency responders began to clean up the spill. No injuries were reported.

Photo: ABC News

Vandergrift, Pennsylvania: February 13, 2014

Twenty-one cars of a Norfolk Southern freight train hauling oil and gas derailed in Vandergrift, striking a building that houses a specialty metals firm. No one was injured.