

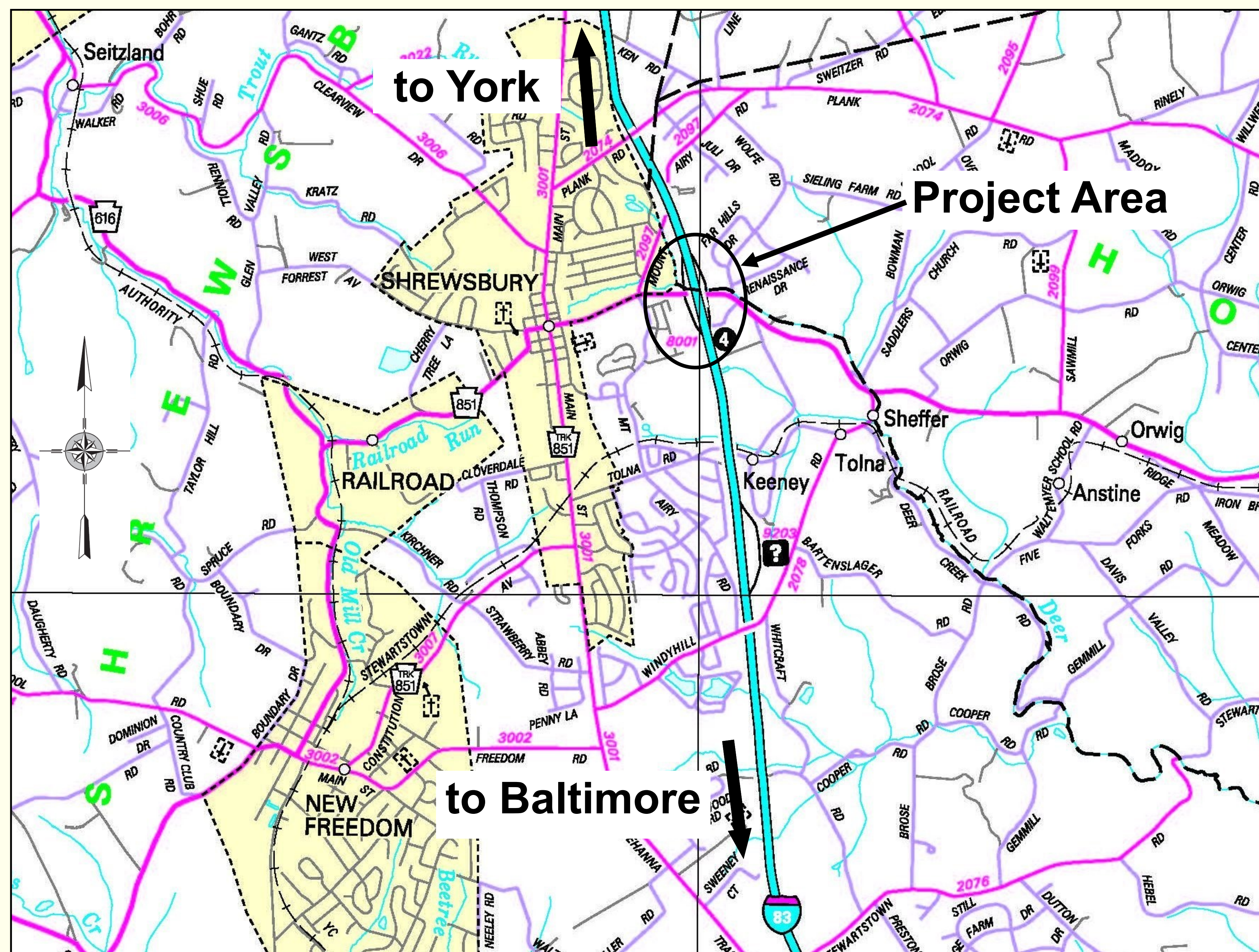


# PROJECT NEED, PURPOSE, AND OBJECTIVES

## Project Need:

The area surrounding the Exit 4 interchange has seen extensive growth that the existing interchange can no longer safely accommodate. The interchange experiences high levels of congestion. Exiting traffic backs up onto I-83 which is a safety concern. The bridge carrying I-83 over PA 851 is structurally deficient.

## Location Map



## Project Purpose:

Improve safety, increase capacity, and reduce congestion at the I-83 Exit 4 – Shrewsbury Interchange

## Project Objectives:

- Eliminate traffic back-ups on the ramps from I-83
- Improve safety by reducing vehicular movement conflicts
- Increase capacity and reduce congestion along the PA 851 corridor in the project area
- Replace the structurally deficient bridge on I-83 over PA 851
- Improve roadway geometry so turning movements can be more safely negotiated by large trucks
- Lengthen the acceleration lanes and deceleration lanes on the I-83 ramps to improve safety and capacity of the merge areas
- Improve roadway signing to reduce driver confusion
- Reduce turning conflicts on the PA 851 corridor by reducing the number of driveways