

NORTHERN REGION JOINT MUNICIPAL COMPREHENSIVE PLAN

ROAD NAME: Mountain Road/Harrisburg Street/Harrisburg Pike (SR-4040)
MUNICIPALITY: Franklin Township; Carroll Township; Dillsburg Borough

SR-4040 is a two-lane collector roadway known as Mountain Road in Franklin and Carroll Township. SR-4040 is also a two-lane minor arterial roadway known as Harrisburg Street/Harrisburg Pike in Dillsburg Borough. The roadway is approximately 7.25 miles in length and runs in an east-west orientation between the York-Adams County line and the intersection with SR 15 in Carroll Township, just north of Dillsburg Borough. The roadway provides a winding alignment, rolling topography, narrow travel lanes, narrow shoulders, and an average pavement cross-section of 18 to 20 feet. The posted speed limit varies from 25 to 40 MPH. Average daily traffic volumes include 799 vehicles per day west of Clear Spring Road (SR 4038), 2,281 vehicles per day between Clear Spring Road (SR 4038) and Campground Road (SR 4045), and 4,300 to 4,500 vehicles per day near SR-0015 and within Dillsburg Borough.

The crash history for Mountain Road and Harrisburg Street/Harrisburg Pike (SR 4040) reports a total of 94 crashes during the 5-year period from 1995 through 1999. This total equates to a crash exposure rate of 2.38 crashes per million vehicle miles traveled, substantially exceeding the statewide average crash rate for roadways of similar character (1.72 crashes per million vehicle miles traveled) and suggesting potential safety issues. Specific locations of high crash occurrence included the section from Union Church Road to Twin Hills Road in Franklin Township (23 crashes) and at the intersection with SR 15 to SR 74 in Dillsburg Borough (28 crashes)

Field observations and discussions with municipal personnel identified the following roadway deficiencies on Mountain Road/Harrisburg Street/Harrisburg Pike:

- Pavement edge failures;
- Pavement failures on bridge at SR-0015 intersection;
- Narrow bridge with headwalls 8-10 inches high;
- Slippery When Wet sign indicating Wet Pavement Cluster and problem;
- Deer Crossing sign indicating a hit deer problem;
- Concerns in the vicinity of the new elementary school, South Mountain Elementary.

