

Mansfield Fire Department GIS Analysis

Initial Full Alarm - Current


This map depicts the actual road network segments in which the initial full alarm assignment can respond within 8 minutes. The current deployment for a structure fire consists of 3 engines, 1 ladder, 1 rescue and the Assistant Chief. As the map indicates, this deployment models falls well below the 90% standard.

Network = 1,745,592 Feet


Compliance = 832,411 Feet


% of Network Covered = 48%


Legend


 Fire Stations


8 Minute Coverage - Initial Full Alarm Area

 Engine 1 District - Initial Full Alarm Coverage


 Engine 2 District - Initial Full Alarm Coverage


 Engine 3 District - Initial Full Alarm Coverage


 Engine 4 District - Initial Full Alarm Coverage


 Engine 6 District - Initial Full Alarm Coverage


Fire Districts


 Engine 1 District

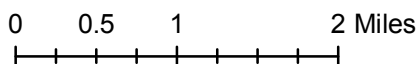
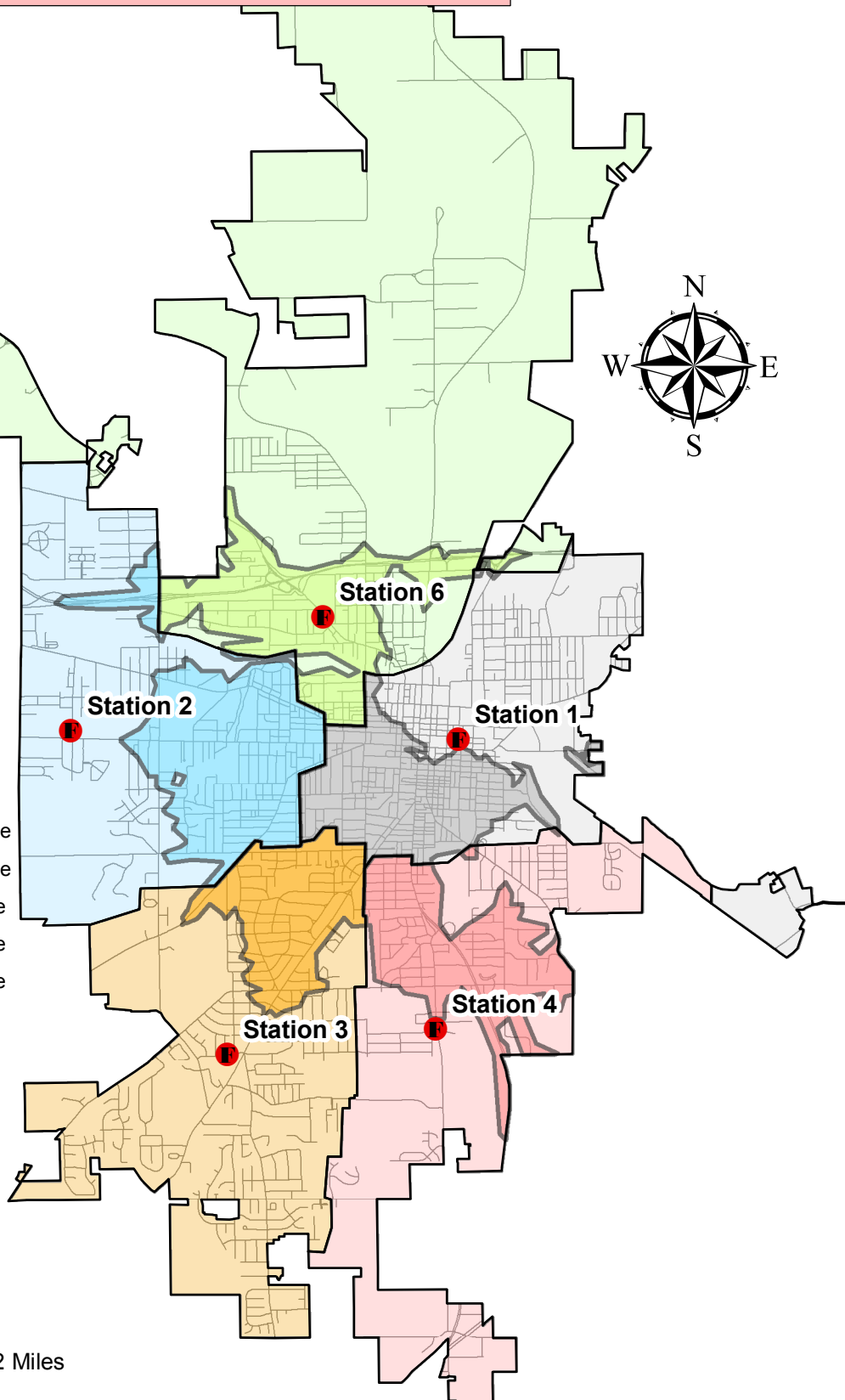
 Engine 2 District

 Engine 3 District

 Engine 4 District

 Engine 6 District

 Road Network



Projection = NAD_1983_StatePlane_Ohio_North_FIPS_3401_Feet
Boundary files obtained from the Richland County GIS Consortium.
Road Network files obtained from the U.S. Census Bureau.