

- A functional roadway network is an important component to the Oakley neighborhood and surrounding communities, which connects people to their homes, employment and shopping needs.
- Connectivity refers to number of links (roadway segments) and the number of nodes (intersections and dead-ends) within a roadway network and their relationship to each other.
- A well-connected roadway network has many short links, numerous intersections, and minimal dead-ends (cul-de-sacs).
- As connectivity increases, travel time decreases and transportation options increase; allowing more direct travel between destinations and a more efficient transportation system.
- The current road network within the study area was built to accommodate a manufacturing and industrial base and not the commercial revitalization of the area.
- There is also a lack of additional north-south roadways within the study area, which would have alleviated the congestion plaguing Ridge Avenue, Duck Creek Road and several local intersections.