Train Speed and Train Technology

Train speed and train technology are classified into two categories.

**Diesel**

This Tier 1 EIS evaluated diesel powered trains with travel at top speeds ranging from 79 mph to 125 mph.

**Electric**

This train technology utilizes electric power delivered directly to the trainset via overhead catenary power lines. This Tier 1 EIS evaluated electric train technology with top speeds between 125 mph and 220 mph.

Operating speeds will vary along each Corridor Alternative depending on a range of factors such as:

- Topography (i.e. grade)
- Geometry (i.e. curves)
- Distance Between Stations
- Dedicated Passenger Tracks vs. Tracks Shared with Freight Rail
- Electric vs. Diesel Train Technology

The selection of speed and train technology is deferred until a Tier 2 study. Top operating speeds cannot be reached on all portions of the corridor.