

2.2 LNG DOT-113 Movement Routes

Movements were evaluated along mainline track at high speeds (> 25 mph and ≤ 50 mph) and low speeds (≤ 25 mph). The risks were calculated at varying population density for 1-mile sections of track. The per-mile risk results were then used to estimate the aggregate risk for an example 227 mile track along eastern Pennsylvania. The total estimated track length and train mileage for the example route, assuming each route is travelled once per day, every day of the year, are supplied in Table 3.

Table 3. Example route and estimated mileage.

Route	Route Length (track miles)	Estimated Total Annual Route Length (train miles)
Route 1	227	82,855