



PITTSBURGH

Saw Mill Run Speed Management

Speed limit
35mph

Speed at 85th percentile
54mph

Speed limit + 10mph
65.4%

INRIX Speed Distribution Profile (SDP) uses observed speeds to provide true historical average speeds as well as a statistical distribution of speeds on individual road segments. The distribution is built by taking speeds for observed vehicles over a segment for a particular timespan or subset of days of the week or hours of the day.

INRIX takes the vehicle trajectories (i.e., movement), snaps them to the map, interpolates the travel time across the segments it covers, and then uses that to produce a speed across the segment. For each segment, a histogram is created of the observed speeds for the lowest granularity supported which then can be rolled up into different time spans and periods to represent the distribution the customer needs for their use case.