Flowchart for When a Noise Analysis is Needed

START

Are there noise sensitive areas within ~ 500' from the project area?

NO

YES

Project involves the construction of a highway on new location?

NO

YES

Project involves alteration of an existing highway which significantly changes either the horizontal (i.e. 50% closer to receptor) or vertical alignment?

NO

YES

Project increases the number of through-traffic lanes?

NO

YES

Prepare Noise Analysis

YES

NO

Project causes a major change in vehicle mix?

NO

YES

Project adds or substantially alters a weigh station, rest stop, rideshare lot, or toll plaza?

NO

YES

Project restripes existing pavement for an added thru lane or auxiliary lane?

NO

YES

Project negatively affects the shielding of an existing roadway?

NO

YES

Project adds an auxiliary lane?