## **Start Here**

## IS THIS PROJECT LIKELY TO **INCREASE SOUND** LEVELS?

e.g., New road, adding travel lanes, substantially modifying a roadway

## NO

Noise analysis and evaluation of noise abatement not required We are here **IDENTIFY AREAS SENSITIVE** TO TRAFFIC NOISE

e.g., Residences, parks, churches, schools

DETERMINE EXISTING AND FUTURE NOISE LEVELS USING TRAFFIC NOISE MODEL

Noise model analysis and software developed by Federal Highway Administration



**DETERMINE TRAFFIC NOISE IMPACT** Traffic noise impacts are present when:

Noise levels are high enough to interfere with normal conversation

Future noise levels substantially exceed existing noise level

NO

No Noise

Abatement

ARE THERE NOISE IMPACTS?

YES

YES, CONDUCT

NOISE

ANALYSIS

**EVALUATE NOISE ABATEMENT MEASURES USING TRAFFIC NOISE MODEL** 

e.g., Noise barrier

**DETERMINE IF NOISE ABATEMENT MEASURES** ARE FEASIBLE AND REASONABLE

> Based on ability to create appreciable reduction in noise, as well as viability and cost

> > YES

ARE NOISE ABATEMENT MEASURES FEASIBLE AND REASONABLE?

No Noise Abatement

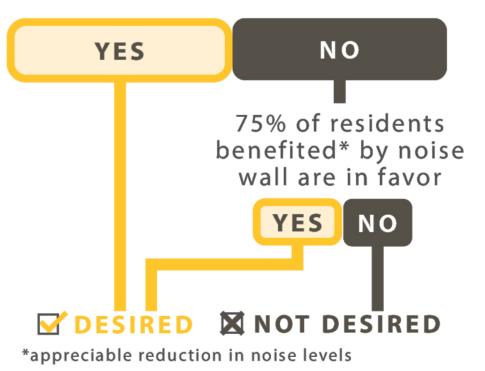
NO

**DETERMINE PREFERENCE OF ADJACENT PROPERTY OWNERS** THROUGH NOISE BALLOTING

> Noise balloting will take place during funded design projects

ITD NOISE POLICY

50%+1 of property owners benefited\* by noise wall are in favor



**INSTALL NOISE** WITH FUNDED

ABATEMENT MEASURE CONSTRUCTION **PROJECT**