Sound walls and trees as near-roadway pollutant mitigation strategies

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Freeway Plumes @ Night/Early morning and During the Day.
Many More People are Exposed during the (early-ish) Morning, and Concentrations are Much Higher than During Daytime.
Solid Sound Walls Generally Help

No Sound Wall

With Sound Wall

Sound Wall & Thick Trees
Adding tall trees to solid soundwalls generally seems to help too. Their impact, however, diminishes at higher wind speeds; trees can even be slightly detrimental at higher wind speed.
Best Place for a new playground at the Bad News Bears Baseball fields?

It's being built here.