



FIGURE 1. Acoustical model depiction of a 14 foot barrier along current fenceline. Barrier is approximately 400 feet long.

- The eight “decibel boxes” are at the same location on each Figure.
- The model only uses the 2 currently known/measured promanent noise sources.
 - LSS
 - Pumper Truck
- Barrier can be any material as long as it is not porous, no holes, and has a minumum mass of 4 lb/ft².
- A longer barrier will reduce sound propagation along flanking paths.
- A higher barrier, will be more effective, but at some point will not be technically feasible to construct.



Figure 2. Modeled Noise Propagation from Two noise sources: LSS and Pump Truck.

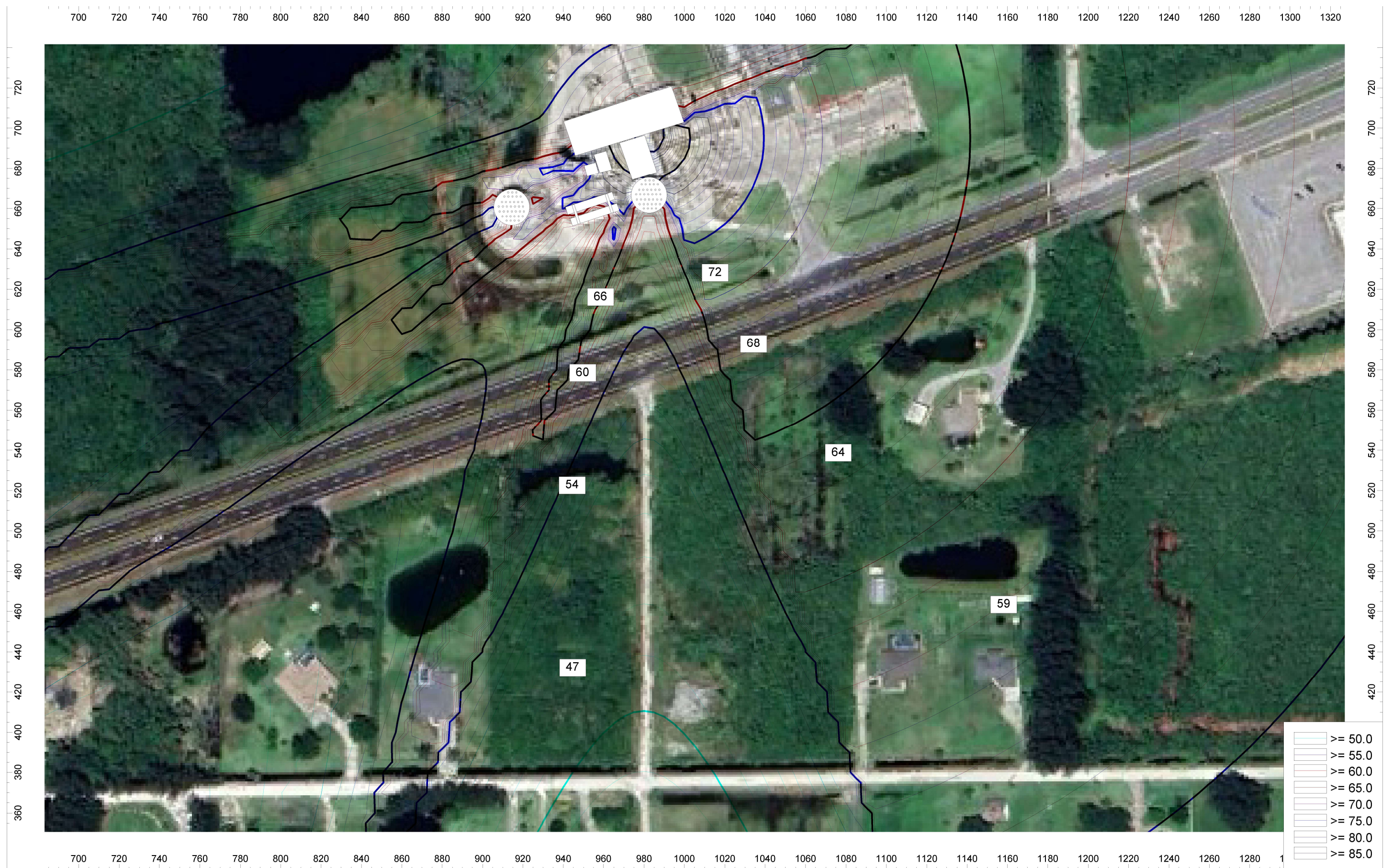


Figure 3. Modeled Noise Propagation from LSS noise source.



Figure 4. Noise Propoagation from Two noise sources: LSS and Pump Truck WITH a 400 foot long and 14 foot hight noise barrier