

Cross Timbers Business Park Noise Study Results

Land Use District	Time of Day	Flower Mound Standard	Current Ambient Noise Level	Cross Timbers Business Park
Residential	10pm to 7pm	52 dB(A)	Quietest 30-minute period: 50 dB(A)	45 - 50 dBA
	7 am to 10 pm	62 dB(A)	SE – 68 dBA NW – 64 dBA	45 - 50 dBA
Industrial	Anytime	70dB(A)		45 - 50 dBA

Measurement Procedures:

- Two measuring locations
 - Southeast corner
 - Northwest corner
- Study Dates
 - 10/22/21 through 10/25/21
- Existing noise sources
 - FM1171
 - UP Tracks
- Modeled Conditions:
 - 25% of bays occupied with idling trucks
 - 25% of bays occupied with backup alarms activated