



LOG of Noise Monitoring 15 min. Measurements Record  
**SR 520 Permanent Toll System Installation**

Project title:

Contract # MS 6721

City / County Jurisdiction: Medina

MP 4.20 to MP 4.30

Site number	Date	Start	End	Address	Equipment used or Operation	Description of the work performed during noise measurement.	Leq (dBA)	Leq Threshold (dBA)	Exceedances?	Notes
1	11/7/2016	10:46 PM	11:01 PM	Evergreen Point Road and Lid P&R	generator/TMA	Set up for Hangar Installation	50.7	47	Yes	There was no direct line of sight from residents to the work zone at this neighborhood. But noise from traffic on the side street may have contributed to the exceedence.
2	11/7/2016	10:51 PM	11:06 PM	Evergreen Point Road and NE 28th St	generator/TMA	Set up for Hangar Installation	51.8	47	Yes	There was no direct line of sight from residents to the work zone at this neighborhood. But noise from traffic on the side street may have contributed to the exceedence.
3	11/7/2016	11:08 PM	11:26 PM	NE 28th St and 77th Ave	generator/TMA	Set up for Hangar Installation	50.9	52	No	There was no direct line of sight to the work zone from residents at this neighborhood due to the new noise wall.
4	11/7/2016	11:14 PM	11:29 PM	NE 28th St and 78th Ave	generator/TMA	Set up for Hangar Installation	53.1	52	Yes	Traffic noise from SR 520 may have contributed to the noise level exceedences.
5	11/7/2016	11:34 PM	11:49 PM	NE 28th St and 79th Ave	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Hangar Installation, Cleaning Existing Conduits & Loop	48.2	52	No	There was no direct line of sight to the work zone from residents at this neighborhood due to the new noise wall.
6	11/7/2016	11:40 PM	11:55 PM	2626 78th Ave Vicinity	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Hangar Installation, Cleaning Existing Conduits & Loop	48.3	47	Yes	Traffic noise from SR 520 may have contributed to the increased noise level and higher ground location may have contributed to this exceedence.
9	11/8/2016	12:04 AM	12:19 AM	Evergreen Point Road and NE 32nd St	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Hangar Installation, Cleaning Existing Conduits & Loop	49.1	47	Yes	Traffic noise from SR 520 may have contributed to the noise level exceedences.
10	11/8/2016	12:08 AM	12:23 AM	Evergreen Point Road and Nature Preserve Park	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Hangar Installation, Cleaning Existing Conduits & Loop	43	47	No	There was no direct line of sight to the work zone from residents at this location due to the buffer from the park and the new noise wall.
1	11/9/2016	11:55 PM	12:10 AM	Evergreen Point Road and Lid P&R	generator/TMA	Set up for Hangar Installation	54.3	47	Yes	The noise created from the concrete drilling work by KGM contractors was the dominant noise.
2	11/9/2016	11:48 PM	11:03 AM	Evergreen Point Road and NE 28th St	generator/TMA	Set up for Hangar Installation	55.8	47	Yes	The noise created from the concrete drilling work by KGM contractors was the dominant noise.
3	11/9/2016	11:31 PM	11:46 PM	NE 28th St and 77th Ave	generator/TMA	Set up for Hangar Installation	57.7	52	Yes	The noise created from the concrete drilling work by KGM contractors was the dominant noise.
4	11/9/2016	11:10 PM	11:25 PM	NE 28th St and 78th Ave	generator/TMA	Set up for Hangar Installation	57.6	52	Yes	The noise created from the concrete drilling work by KGM contractors was the dominant noise.
5	11/9/2016	11:28 PM	11:43 PM	NE 28th St and 79th Ave	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Set up for Hangar Installation	52	52	No	There was no direct line of sight to the work zone from residents at this neighborhood due to the new noise wall.
6	11/9/2016	11:10 PM	11:25 PM	2626 78th Ave Vicinity	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Set up for Hangar Installation	59.8	52	Yes	The noise created from the concrete drilling work by KGM contractors was the dominant noise.
9	11/10/2016	12:18 AM	12:33 AM	Evergreen Point Road and NE 32nd St	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Set up for Hangar Installation	48.1	47	Yes	The noise created from the concrete drilling work by KGM contractors was the dominant noise.
10	11/10/2016	12:16 AM	12:33 AM	Evergreen Point Road and Nature Preserve Park	Generator, TMA, Bucket Trucks, Pickup Trucks, Vactor Truck & Light Plants	Set up for Hangar Installation	44.4	47	No	There was no direct line of sight to the work zone from residents at this location due to the buffer from the park and the new noise wall.

Notes:

- 1 - For All measurements Larson Davis Noise Meters were used.
- 2 - Traffic on the side street may have contributed to the exceedences.
- 3 - SR 520 was not totally closed. Traffic noise may have contributed to the increased noise level.
- 4 - We have exceeded in 6 out of 8 locations. This is mainly due to the drilling noise from the KGM contracts.
- 5 - The Hangar installation work was masked by the intrusive noise from KGM Contractor's concrete drilling work on the EB direction next to the New Toll.
- 6 - The noise created from the concrete drilling work by KGM contractors was the dominant noise.
- 7 - KGM contractors are working under a separate variance.