



Environmental
Intelligence, LLC

December 1, 2022

Ms. Christine Chung
Associate Project Manager
Public Works Department
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

Mr. Zephaniah Varley
Deputy Executive Officer
Purple Line Extension Section 2
LACMTA

Subject: Segment 2 - Purple Line Extension Project ICM Weekly Report
November 20, 2022 – November 26, 2022

Dear Ms. Chung and Mr. Varley:

Environmental Intelligence, LLC (EI) has been retained by the City of Beverly Hills (COBH) and the Los Angeles County Metropolitan Transportation Authority (Metro) to serve as the independent compliance monitor (ICM) during construction of the Purple Line Extension Project. Monitoring is required to ensure that construction is in compliance with the "Memorandum of Agreement for Contract C1120 of the Purple Line Extension Project - Between the City of Beverly Hills and the Los Angeles County Metropolitan Transportation Authority" (Final Version 62). The following information summarizes the ICM monitoring activities that occurred at the Segment 2 site (Rodeo Station site) during the week of November 20, 2022 – November 26, 2022.

Construction activities at Rodeo Station during the week included: implementing lane closures; completing trench work within Wilshire Blvd. for SCE duct bank and dewatering system; restoring and paving the road surface on Wilshire Blvd.; lowering materials and equipment into the station through the deck access on Wilshire Blvd.; installing and wiring dewatering pumps and generators; geotechnical maintenance work; cross passages dewatering system maintenance; and cleaning the work site. In addition, EI ICMs conducted sound monitoring and MOA compliance reviews near the back alley of the Beverly Hills High School bungalows adjacent to the project site. EI ICMs were present during all site activities and conducted routine noise measurements at selected noise monitoring locations as well as compliance checks in accordance with the MOAs and associated attachments, exhibits, traffic closure notifications, and traffic management plans. At the conclusion of each work shift, daily monitoring reports were prepared by each ICM. Attachment A (*Daily Monitoring Reports*) provides detailed daily monitoring reports and photographs of construction activities.

VIOLATION SUMMARY

During the week, EI ICMs identified no violations during construction activities. Daily monitoring reports and photographs of construction activities are provided as Attachment A (*Daily Monitoring Reports*). Daily noise monitoring data are provided in Attachment B (*Noise Monitoring Data Log*).

CONCLUSION

To date, 611 violations have been issued, sixty-two (62) of which have been rescinded since the beginning of construction of the Purple Line Extension Project – Segment 2. Please note, no Violation 261 was ever issued, therefore it is skipped in the numbering sequence and is omitted from this count. Project construction

Christine Chung
Zephaniah Varley
December 1, 2022

activities are ongoing and EI ICMs continue to monitor all construction activities applicable to the MOA on a daily basis.

If you have any questions or comments regarding this letter, please contact me directly at 310.469.8989 or jeremiahgeorge@enviro-intel.com.

Sincerely,

ENVIRONMENTAL INTELLIGENCE, LLC

A handwritten signature in black ink, appearing to read "Jeremiah George", enclosed within a large, loopy oval flourish.

Jeremiah George
Project Manager

Attachments: Attachment A: Daily Monitoring Reports
Attachment B: Noise Monitoring Data Log

cc: Carlos Martinez, Los Angeles County Metropolitan Transportation Authority
Anna Noyola, Los Angeles County Metropolitan Transportation Authority
Edgardo Gillera, Los Angeles County Metropolitan Transportation Authority
William Hamilton, City of Beverly Hills
Brett Barnett, Psomas
Bill Zein, Psomas
Keena Marks, Psomas



Attachment A
Daily Monitoring Reports
 11/20/2022 - 11/26/2022



Summaries (8)

Date Sunday, November 20, 2022
Monitor Enoc Zuniga
Location Rodeo
Time 08:00:00 to 19:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG; Psomas; Dazys Trucking; Escobedo Trucking; Excel Paving Co.
 Representatives On-Site: Jason Johnson (Metro); Luis Garcia (Metro); Anthony Guzman (Psomas).
 Work Location(s): Reeves and Cannon yards; Wilshire Blvd. between Beverly Dr and Maple Dr., Crescent Dr. and Oakhurst Dr., El Camino Dr. and Linden Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 08:00 hours to 19:00 hours on November 20th, 2022. EI ICM Enoc Zuniga met with Anthony Guzman (Psomas) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.
 Work for the day included: setting up road closure; trenching along Wilshire Blvd. for duct and vault work and dewatering restoration, moving materials from yards to work areas. Equipment used included backhoe, forklift, skid steer, roller, haul trucks (asphalt), and hand tools. Work areas on Wilshire Blvd. were swept and final closure was removed by 18:00 hours.

Date Monday, November 21, 2022
Monitor Daniel Chang
Location Rodeo
Time 06:00:00 to 16:30:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG; COBH; Griffin Dewatering.
 Representatives On-Site: Alex Kay (COBH); Anthony Guzman (Psomas); Luis Garcia (Metro); Jason Johnson (Metro).
 Work Location(s): Cannon Yard; Reeves Yard; underground beneath Wilshire Boulevard; Wilshire Boulevard between S. Camden Drive and S. McCarty Drive; Wilshire Boulevard between Rodeo Drive and Camden Drive.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 16:30 hours on November 21st, 2022. EI ICM Daniel Chang met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.
 Work for the day included: underground tunnel support work; setting up road closures; installing dewatering pumps; wiring dewatering pumps; installing dewatering pipes; concrete mixing; concrete pouring; cementing sidewalk; installing fuel tank for generator; and sweeping and cleaning worksites.





Attachment A
Daily Monitoring Reports
 11/20/2022 - 11/26/2022



Date Monday, November 21, 2022
Monitor Daniel Chang
Location Rodeo
Time 11:00:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG
 Representatives On-Site: N/A

Work Location(s): Beverly Hills High School at 241 S Moreno Dr, Beverly Hills, CA 90212.

The ICM was in possession of the Memorandum of Agreement, Noise Control Plan and the Beverly Hills High School Ambient Noise Report (April 2, 2019). EI ICM Daniel Chang was on site from 11:00 hours to 13:00 hours and 14:00 hours to 15:00 hours November 21st, 2022. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.

Work within the adjacent TPOG construction yard included receiving material deliveries; tunnel support activities; hoisting muck buckets with crane and crane operation. ICM Daniel Chang took sound readings in the back alley of the Beverly Hills High School bungalows adjacent to the project site. No sound readings were above ambient levels within the duration of the workday. No dust or vibrational issues were documented at the site.

Date Monday, November 21, 2022
Monitor Enoc Zuniga
Location Rodeo
Time 20:00:00 to 06:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG; Psomas; BC traffic specialist
 Representatives On-Site: Jason Johnson (Metro); Jason Healy (Psomas).

Work Location(s): Wilshire Blvd. between El Camino Dr. and Rexford Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 20:00 hours on November 21th to 06:00 hours on November 22th, 2022. EI ICM Enoc Zuniga met with Jason Healy (Psomas) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: setting up road closure at 20:15 hours, receiving delivery trucks, hoisting equipment into tunnel at Wilshire-Reeves with crane, moving materials between Reeves and Canon yards with forklift; and striping crosswalks and lanes. Work area on Wilshire was swept and lanes were reopened by 07:00 hours.

Date Tuesday, November 22, 2022
Monitor Daniel Chang
Location Rodeo
Time 06:00:00 to 16:30:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG; COBH; Griffin Dewatering.
 Representatives On-Site: Anthony Guzman (Psomas); Luis Garcia (Metro); Jason Johnson (Metro); Alex Kay (COBH).

Work Location(s): Cannon Yard; Reeves Yard; underground beneath Wilshire Boulevard; Wilshire Boulevard between S. Camden Drive and S. McCarty Drive; Wilshire Boulevard between Rodeo Drive and Camden Drive.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 16:30 hours on November 22nd, 2022. EI ICM Daniel Chang met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: underground tunnel support work; setting up road closures; opening decking; setting up safety equipment; hoisting and lowering equipment underground through decking; installing dewatering pumps; wiring dewatering pumps; installing dewatering pipes; removing generator enclosure; removing generator; and sweeping and cleaning worksites.





Attachment A
Daily Monitoring Reports
 11/20/2022 - 11/26/2022



Date Tuesday, November 22, 2022
Monitor Daniel Chang
Location Rodeo
Time 12:00:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG

Representatives On-Site: N/A

Work Location(s): Beverly Hills High School at 241 S Moreno Dr, Beverly Hills, CA 90212.

The ICM was in possession of the Memorandum of Agreement, Noise Control Plan and the Beverly Hills High School Ambient Noise Report (April 2, 2019). EI ICM Daniel Chang was on site from 12:00 hours to 13:00 hours and 14:00 hours to 15:00 hours November 22nd, 2022. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.

Work within the adjacent TPOG construction yard included receiving material deliveries; tunnel support activities; hoisting muck buckets with crane and crane operation. ICM Daniel Chang took sound readings in the back alley of the Beverly Hills High School bungalows adjacent to the project site. No sound readings were above ambient levels within the duration of the workday. No dust or vibrational issues were documented at the site.

Date Tuesday, November 22, 2022
Monitor Enoc Zuniga
Location Rodeo
Time 20:00:00 to 06:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG; Psomas.

Representatives On-Site: Jason Johnson (Metro); Jason Healy (Psomas).

Work Location(s): Wilshire Blvd. between El Camino Dr. and Rexford Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 20:00 hours on November 22th to 06:00 hours on November 23th, 2022. EI ICM Enoc Zuniga met with Jason Healy (Psomas) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: setting up road closure at 20:15 hours, receiving delivery trucks, hoisting materials into tunnel at Wilshire-Reeves with crane, and moving materials between Reeves and Canon yards with forklift. Work area on Wilshire was swept and lanes were reopened by 07:00 hours.

Date Wednesday, November 23, 2022
Monitor Daniel Chang
Location Rodeo
Time 06:00:00 to 16:00:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG; COBH; Griffin Dewatering.

Representatives On-Site: Anthony Guzman (Psomas); Luis Garcia (Metro); Jason Johnson (Metro); Alex Kay (COBH).

Work Location(s): Cannon Yard; Reeves Yard; underground beneath Wilshire Boulevard; Wilshire Boulevard between S. Camden Drive and S. McCarty Drive; Wilshire Boulevard between Rodeo Drive and Camden Drive.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 16:00 hours on November 23rd, 2022. EI ICM Daniel Chang met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: underground tunnel support work; setting up road closures; opening decking; setting up safety equipment; hoisting and lowering equipment underground through decking; installing Dewatering pumps; wiring Dewatering pumps; installing Dewatering pipes; removing generator enclosure; removing generator; and sweeping and cleaning worksites.





Photos



Photos (28)

UID: 11855
Date: Nov 20, 2022
Type: Construction Activity

Latitude: ---
Longitude: ---
Elevation: ---

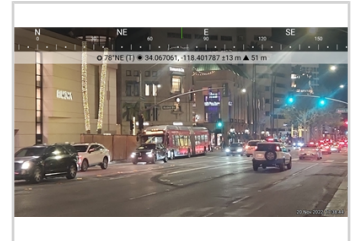
Notes
Wilshire Blvd. between Rodeo Dr. and Camden Dr. trenching and repaving.



UID: 11856
Date: Nov 20, 2022
Type: Construction Activity

Latitude: ---
Longitude: ---
Elevation: ---

Notes
Wilshire Blvd. at Rodero Dr. Crews finished trench and repaving and removed closure.



UID: 11853
Date: Nov 20, 2022
Type: Construction Activity

Latitude: ---
Longitude: ---
Elevation: ---

Notes
Wilshire Blvd. between Bedford Dr. and Roxbury Dr. Trench work at the corner of N. Bedford and Wilshire Blvd. Asphalt truck on standby (left).



UID: 11854
Date: Nov 20, 2022
Type: Construction Activity

Latitude: ---
Longitude: ---
Elevation: ---

Notes
Wilshire Blvd. between Palm Dr. and Maple Dr. trenching and repaving work.



UID: 11850
Date: Nov 21, 2022
Type: Construction Activity

Latitude: 34.060798
Longitude: -118.412346
Elevation: ---

Notes
Crane operating in Constellation yard.





Photos



UID: 11851 **Latitude:** 34.060939
Date: Nov 21, 2022 **Longitude:** -118.412381
Type: Construction Activity **Elevation:** ---

Notes
 Crane operating in Constellation yard.



UID: 11852 **Latitude:** 34.067043
Date: Nov 21, 2022 **Longitude:** -118.406178
Type: Construction Activity **Elevation:** ---

Notes
 Forklift moving equipment into generator enclosure on Wilshire Boulevard.



UID: 11849 **Latitude:** 34.067139
Date: Nov 21, 2022 **Longitude:** -118.401498
Type: Construction Activity **Elevation:** ---

Notes
 TPOG cementing sidewalk on Wilshire Boulevard.



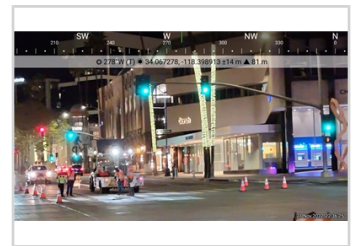
UID: 11848 **Latitude:** 34.067024
Date: Nov 21, 2022 **Longitude:** -118.406838
Type: Construction Activity **Elevation:** ---

Notes
 Griffin Dewatering installing pipes for dewatering pump.



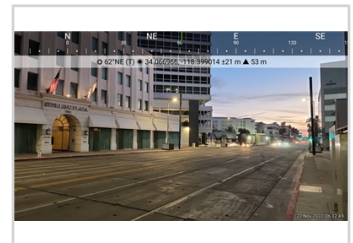
UID: 11865 **Latitude:** ---
Date: Nov 21, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes
 Wilshire Blvd at Beverly Dr. BC traffic specialist crew striping crosswalks.



UID: 11869 **Latitude:** ---
Date: Nov 21, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes
 Wilshire Blvd. at Beverly Dr. TPOG removed closure.





Photos



UID: 11867 **Latitude:** ---
Date: Nov 21, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes

Wilshire Blvd. at Reeves Dr. TPOG preparing, adjusting, and lowering equipment into tunnel.



UID: 11868 **Latitude:** ---
Date: Nov 21, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes

Wishire Blvd. at Elm Dr. BC traffic specialist crew striping lanes.



UID: 11871 **Latitude:** ---
Date: Nov 22, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes

Wilshire Blvd. at Reeves Dr. Forklift unloading and staging materials for lowering into tunnel with crane.



UID: 11870 **Latitude:** ---
Date: Nov 22, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes

Wilshire Blvd. at Reeves Dr. Truck deliveries staged for unloading.



UID: 11872 **Latitude:** ---
Date: Nov 22, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes

Wilshire Blvd. at Reeves Dr. TPOG removed closure.



UID: 11873 **Latitude:** ---
Date: Nov 22, 2022 **Longitude:** ---
Type: Construction Activity **Elevation:** ---

Notes

Wilshire Blvd. at Reeves Dr. TPOG establishing closure and positioning crane for tunnel access.





Photos



UID: 11860 **Latitude:** 34.067078
Date: Nov 22, 2022 **Longitude:** -118.39767
Type: Construction Activity **Elevation:** ---

Notes

Crane hoisting trash from underground through decking on Wilshire Boulevard.



UID: 11859 **Latitude:** 34.067184
Date: Nov 22, 2022 **Longitude:** -118.397754
Type: Construction Activity **Elevation:** ---

Notes

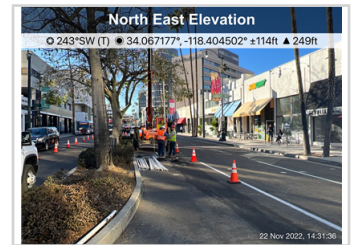
Forklift transporting steel beams to closure on Wilshire Boulevard.



UID: 11863 **Latitude:** 34.067177
Date: Nov 22, 2022 **Longitude:** -118.404502
Type: Construction Activity **Elevation:** ---

Notes

Griffin Dewatering installing pipes and wiring for dewatering well.



UID: 11858 **Latitude:** 34.06716
Date: Nov 22, 2022 **Longitude:** -118.397753
Type: Construction Activity **Elevation:** ---

Notes

Crane opening decking for underground access.



UID: 11857 **Latitude:** 34.067086
Date: Nov 22, 2022 **Longitude:** -118.397396
Type: Construction Activity **Elevation:** ---

Notes

TPOG setting up safety equipment to open decking on Wilshire Boulevard.



UID: 11861 **Latitude:** 34.067091
Date: Nov 22, 2022 **Longitude:** -118.412241
Type: Construction Activity **Elevation:** ---

Notes

Crane hoisting and lowering equipment in Constellation Yard.





Photos



UID: 11862
Date: Nov 22, 2022
Type: Construction Activity

Latitude: 34.060777
Longitude: -118.412418
Elevation: ---

Notes
Crane operating in Constellation Yard.



UID: 11877
Date: Nov 23, 2022
Type: Construction Activity

Latitude: 34.067261
Longitude: -118.397896
Elevation: ---

Notes
Crane opening decking on Wilshire Boulevard for underground access.



UID: 11876
Date: Nov 23, 2022
Type: Construction Activity

Latitude: 34.067091
Longitude: -118.396925
Elevation: ---

Notes
TPOG road closure on Wilshire Boulevard.



UID: 11878
Date: Nov 23, 2022
Type: Construction Activity

Latitude: 34.067203
Longitude: -118.398228
Elevation: ---

Notes
Crane hoisting equipment from underground through decking on Wilshire Boulevard.



UID: 11879
Date: Nov 23, 2022
Type: Construction Activity

Latitude: 34.067017
Longitude: -118.404638
Elevation: ---

Notes
Workers installing wiring and dewatering pump.





Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
November 20, 2022					
RD-1	12:37	57.7	74	No	Crew for well pipe trench work at corner of Wilshire& N. Bedford; traffic
RD-15	13:29	58.1	77	No	Repaving trench, Wilshire – N. Palm; roller compacting asphalt; traffic
November 21, 2022					
RD-8	23:00	59.6	68	No	Wilshire-Reeves thru deck access
November 22, 2022					
RD-8	1:07	60.5	63	No	Crane work at Wilshire-Reeves
RD-8	23:31	58.5	68	No	Crane work, thru deck access on Wilshire between reeves and cannon; traffic