

Appendix F

Noise Measurement Survey Notes

Site Survey

Job # 05049.00002

Project Name: LUMOS/LINE ST BRIDGE

Date: 6/26/2023

Site #:  (1 READING)

Engineer: R. EDGERTON

Address: E. LINE ST. BRIDGE @ BISHOP CREEK

Meter:

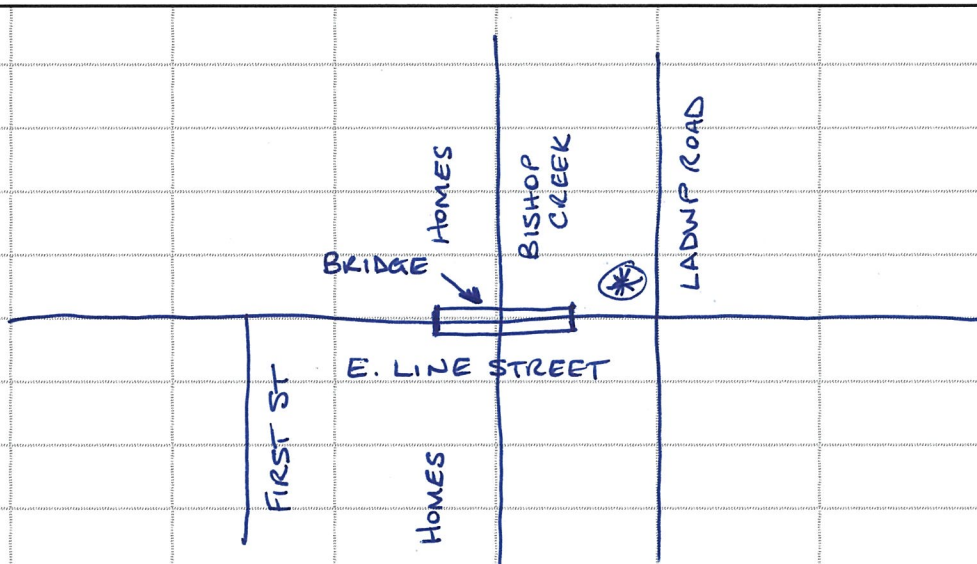
Serial #:

Calibrator:

Serial #:

Notes: SINGLE ACOUSTICAL READING AT NORTHEAST CORNER OF BRIDGE/CREEK.

Sketch:



Temp: 64°F

Wind Spd: 1-5 MPH

mph

Humidity:

30%

Start of Measurement: 9:01 AM

End of Measurement: 9:16 AM

58.9 dBA L_{EQ}

Cars (tally per 5 cars)

Medium Trucks (MT)

Heavy Trucks (HT)

HHH 11 (22)
 HHH
 HHH
 HHH

III (3)

Noise Measurement for Information Only

No Through Roadways

No Calibration Analysis Will Be Provided

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 11/2/2023
 Case Description: E Line Street

| Description | Land Use | Baselines (dBA) | | |
|--------------------------|-------------|-----------------|---------|-------|
| | | Daytime | Evening | Night |
| Multi-Family Building SW | Residential | 59 | 54 | 49 |

---- Receptor #1 ----

| Description | Impact Device | Usage(%) | Equipment | | | |
|---------------------------------|---------------|----------|-----------------|-------------------|--------------------------|---------------------------|
| | | | Spec Lmax (dBA) | Actual Lmax (dBA) | Receptor Distance (feet) | Estimated Shielding (dBA) |
| Dozer | No | 40 | | 81.7 | 35 | 0 |
| Mounted Impact Hammer (hoe ram) | Yes | 20 | | 90.3 | 35 | 0 |

Calculated (dBA)

| Equipment | *Lmax | Leq |
|---------------------------------|-------|------|
| Dozer | 84.8 | 80.8 |
| Mounted Impact Hammer (hoe ram) | 93.4 | 86.4 |
| Total | 93.4 | 87.4 |

*Calculated Lmax is the Loudest value.