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# Appendix E

## Noise



## Field Noise Measurement Data

Record: 1586

|              |                                    |
|--------------|------------------------------------|
| Project Name | Cypress College Affordable Housing |
| Project #    | 14801                              |
| Observer(s)  |                                    |
| Date         | 2023-02-10                         |

### Meteorological Conditions

|                   |               |
|-------------------|---------------|
| Temp (F)          | 71.5          |
| Humidity % (R.H.) | 15.5          |
| Wind              | Light         |
| Wind Speed (MPH)  | 2             |
| Wind Direction    | North         |
| Sky               | Partly Cloudy |

### Instrument and Calibrator Information

|                            |                |
|----------------------------|----------------|
| Instrument Name List       | Piccolo #1893  |
| Instrument Name            | Piccolo #1893  |
| Instrument Name Lookup Key | Piccolo #1893  |
| Manufacturer               | Soft dB inc.   |
| Model                      | Piccolo        |
| Serial Number              | P0222050202    |
| Calibration Date           | 05/02/2022     |
| Calibrator Name            | (SB) LD CAL200 |
| Calibrator Name            | (SB) LD CAL200 |
| Calibrator Name Lookup Key | (SB) LD CAL200 |
| Calibrator Manufacturer    | Larson Davis   |
| Calibrator Model           | LD CAL200      |
| Calibrator Serial #        | 19952          |
| GPS Assistance Used        | No             |
| Pre-Test (dBA SPL)         | 94.1           |
| Post-Test (dBA SPL)        | 94             |
| Windscreen                 | Yes            |
| Weighting?                 | A-WTD          |
| Slow/Fast?                 | Slow           |
| ANSI?                      | Yes            |

### Monitoring

|   |   |
|---|---|
| Record #  | 1   |
| Site ID   | ST1   |
| Site Location Lat/Long  | 33.829954, -118.020187  |
| Begin (Time)  | 12:19:00  |
| End (Time)  | 12:34:00  |
| Other Lx (Specify Metric)   | L   |
| Primary Noise Source  | Traffic   |
| Other Noise Sources (Background)                                      | Birds, Distant Conversations / Yelling, Distant Traffic, Rustling Leaves  |
| Other Noise Sources Additional Description                            | Parking lot gate opening and closing, cars passing in and out of parking lot, announcer and music from baseball game speaker, keys, car doors |
| Is the same instrument and calibrator being used as previously noted? | Yes   |
| Are the meteorological conditions the same as previously noted?       | Yes   |

## Description / Photos

Terrain

Hard

## Site Photos

Photo



Comments / Description

ST1 North

## Site Photos

Photo



Comments / Description

ST1 South

Site Photos

Photo



Comments / Description

ST1 West

Site Photos

Photo



Comments / Description

ST1 East



## Monitoring

|   |                        |
|---|------------------------|
| Record #  | 2                      |
| Site ID   | ST4                    |
| Site Location Lat/Long  | 33.831628, -118.019565 |
| Begin (Time)  | 12:44:00               |
| End (Time)  | 12:59:00               |
| Other Lx (Specify Metric)   | L                      |
| Primary Noise Source  | Traffic                |
| Other Noise Sources (Background)                                      | Distant Traffic        |
| Is the same instrument and calibrator being used as previously noted? | Yes                    |
| Are the meteorological conditions the same as previously noted?       | Yes                    |

## Source Info and Traffic Counts

|  |   |
|--|---|
| Number of Lanes                                      | 6   |
| Lane Width (feet)                                    | 10  |
| Roadway Width (feet)                                 | 75  |
| Roadway Width (m)                                    | 22.9  |
| Distance to Roadway (feet)                           | 12  |
| Distance to Roadway (m)                              | 3.7   |
| Distance Measured to Centerline or Edge of Pavement? | Edge of Pavement                            |
| Roadway Type   | Lincoln Avenue & Holder Street Intersection |
| Estimated Vehicle Speed (MPH)                        | 45  |
| Speeds Estimated by:                                 | Driving the Pace                            |
| Posted Speed Limit Sign (MPH)                        | 40  |

## Traffic Counts

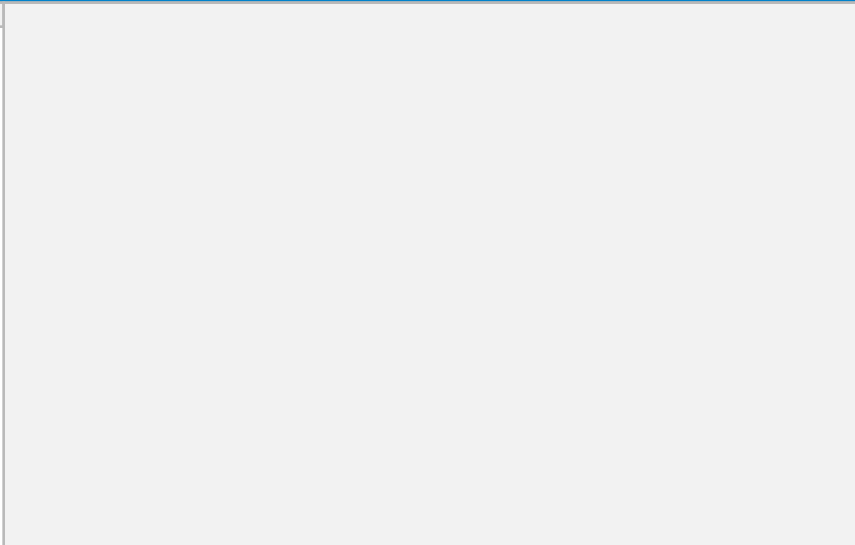
|  |                              |
|--|------------------------------|
| Vehicle Count Summary                      | A 413, MT 1, HT 0, B 4, MC 0 |
| Select Method for Recording Count Duration | Enter Manually               |
| Counting Both Directions?                  | Yes                          |
| Count Duration (minutes)                   | 15                           |
| Vehicle Count Tally                        |                              |
| Select Method for Vehicle Counts           | Enter Manually               |
| Number of Vehicles - Autos                 | 413                          |
| Number of Vehicles - Medium Trucks         | 1                            |
| Number of Vehicles - Heavy Trucks          | 0                            |
| Number of Vehicles - Buses                 | 4                            |
| Number of Vehicles - Motorcycles           | 0                            |

## Description / Photos

|         |      |
|---------|------|
| Terrain | Hard |
|---------|------|

Site Photos

Photo



Comments / Description

ST4 Northwest

Site Photos

Photo



Comments / Description

ST4 Northeast

Site Photos

Photo



Comments / Description

ST4 Southeast

Site Photos

Photo



Comments / Description

ST4 Southwest



## Monitoring

|   |   |
|---|---|
| Record #  | 3   |
| Site ID   | ST2   |
| Site Location Lat/Long  | 33.829451, -118.019548  |
| Begin (Time)  | 13:12:00  |
| End (Time)  | 13:27:00  |
| Other Lx (Specify Metric)   | L   |
| Primary Noise Source  | Traffic   |
| Other Noise Sources (Background)                                      | Birds, Distant Aircraft, Distant Conversations / Yelling, Distant Traffic |
| Other Noise Sources Additional Description                            | Noise from baseball game (speaker music, announcing, cheering)            |
| Is the same instrument and calibrator being used as previously noted? | Yes   |
| Are the meteorological conditions the same as previously noted?       | Yes   |

## Source Info and Traffic Counts

|  |                  |
|--|------------------|
| Number of Lanes                                      | 4                |
| Lane Width (feet)                                    | 10               |
| Roadway Width (feet)                                 | 65               |
| Roadway Width (m)                                    | 19.8             |
| Distance to Roadway (feet)                           | 4.5              |
| Distance to Roadway (m)                              | 1.4              |
| Distance Measured to Centerline or Edge of Pavement? | Edge of Pavement |
| Roadway Type   | Holder Street    |
| Estimated Vehicle Speed (MPH)                        | 40               |
| Speeds Estimated by:                                 | Driving the Pace |
| Posted Speed Limit Sign (MPH)                        | 40               |

## Traffic Counts

|  |                              |
|--|------------------------------|
| Vehicle Count Summary                      | A 119, MT 0, HT 0, B 1, MC 0 |
| Select Method for Recording Count Duration | Enter Manually               |
| Counting Both Directions?                  | Yes                          |
| Count Duration (minutes)                   | 15                           |
| Vehicle Count Tally                        |                              |
| Select Method for Vehicle Counts           | Enter Manually               |
| Number of Vehicles - Autos                 | 119                          |
| Number of Vehicles - Medium Trucks         | 0                            |
| Number of Vehicles - Heavy Trucks          | 0                            |
| Number of Vehicles - Buses                 | 1                            |
| Number of Vehicles - Motorcycles           | 0                            |

## Description / Photos

|         |       |
|---------|-------|
| Terrain | Mixed |
|---------|-------|

## Site Photos

Photo



Comments / Description

ST2 East

## Site Photos

Photo

Comments / Description

ST2 West

## Site Photos

Photo



Comments / Description

ST2 North

## Site Photos

### Photo



### Comments / Description

ST2 South

## Monitoring

|   |  |
|---|--|
| Record #  | 4  |
| Site ID   | ST5  |
| Site Location Lat/Long  | 33.824802, -118.019723   |
| Begin (Time)  | 13:39:00   |
| End (Time)  | 13:54:00   |
| Other Lx (Specify Metric)   | L  |
| Primary Noise Source  | Traffic  |
| Other Noise Sources (Background)                                      | Birds, Distant Aircraft, Distant Conversations / Yelling, Distant Kids Playing, Distant Traffic, Rustling Leaves |
| Other Noise Sources Additional Description                            | Noise from elementary school   |
| Is the same instrument and calibrator being used as previously noted? | Yes  |
| Are the meteorological conditions the same as previously noted?       | Yes  |

## Source Info and Traffic Counts

|  |   |
|--|---|
| Number of Lanes                                      | 5   |
| Lane Width (feet)                                    | 10  |
| Roadway Width (feet)                                 | 60  |
| Roadway Width (m)                                    | 18.3  |
| Distance to Roadway (feet)                           | 14  |
| Distance to Roadway (m)                              | 4.3   |
| Distance Measured to Centerline or Edge of Pavement? | Edge of Pavement                                |
| Roadway Type   | West Orange Avenue & Holder Street Intersection |
| Estimated Vehicle Speed (MPH)                        | 40  |
| Speeds Estimated by:                                 | Driving the Pace                                |
| Posted Speed Limit Sign (MPH)                        | 40  |



## Traffic Counts

|  |                              |
|--|------------------------------|
| Vehicle Count Summary                      | A 252, MT 2, HT 1, B 1, MC 1 |
| Select Method for Recording Count Duration | Enter Manually               |
| Counting Both Directions?                  | Yes                          |
| Count Duration (minutes)                   | 15                           |
| Vehicle Count Tally                        |                              |
| Select Method for Vehicle Counts           | Enter Manually               |
| Number of Vehicles - Autos                 | 252                          |
| Number of Vehicles - Medium Trucks         | 2                            |
| Number of Vehicles - Heavy Trucks          | 1                            |
| Number of Vehicles - Buses                 | 1                            |
| Number of Vehicles - Motorcycles           | 1                            |

## Description / Photos

|         |       |
|---------|-------|
| Terrain | Mixed |
|---------|-------|

## Site Photos

### Photo



### Comments / Description

ST5 Southeast

## Site Photos



Photo



Comments / Description

*ST5 Southwest*

Site Photos

Photo



Comments / Description

*ST5 Northeast*

## Site Photos

Photo



Comments / Description

ST5 Northwest

## Monitoring

|   |  |
|---|--|
| Record #  | 5  |
| Site ID   | ST3  |
| Site Location Lat/Long  | 33.828923, -118.021851   |
| Begin (Time)  | 14:05:00   |
| End (Time)  | 14:20:00   |
| Other Lx (Specify Metric)   | L  |
| Primary Noise Source  | Traffic  |
| Other Noise Sources (Background)                                      | Distant Conversations / Yelling, Distant Traffic, Rustling Leaves  |
| Other Noise Sources Additional Description                            | Noise from softball game, 2:05- 2:13 HVAC from baseball building unit, 2:16 - 2:20 baseball player practicing hits |
| Is the same instrument and calibrator being used as previously noted? | Yes  |
| Are the meteorological conditions the same as previously noted?       | Yes  |

## Source Info and Traffic Counts

|  |                      |
|--|----------------------|
| Number of Lanes                                      | 2                    |
| Lane Width (feet)                                    | 10                   |
| Roadway Width (feet)                                 | 20                   |
| Roadway Width (m)                                    | 6.1                  |
| Distance to Roadway (feet)                           | 24.5                 |
| Distance to Roadway (m)                              | 7.5                  |
| Distance Measured to Centerline or Edge of Pavement? | Edge of Pavement     |
| Roadway Type   | College Circle Drive |
| Estimated Vehicle Speed (MPH)                        | 15                   |
| Speeds Estimated by:                                 | Driving the Pace     |
| Posted Speed Limit Sign (MPH)                        | 15                   |




## Traffic Counts

|  |                             |
|--|-----------------------------|
| Vehicle Count Summary                      | A 18, MT 0, HT 0, B 0, MC 0 |
| Select Method for Recording Count Duration | Enter Manually              |
| Counting Both Directions?                  | Yes                         |
| Count Duration (minutes)                   | 15                          |
| Vehicle Count Tally                        |                             |
| Select Method for Vehicle Counts           | Enter Manually              |
| Number of Vehicles - Autos                 | 18                          |
| Number of Vehicles - Medium Trucks         | 0                           |
| Number of Vehicles - Heavy Trucks          | 0                           |
| Number of Vehicles - Buses                 | 0                           |
| Number of Vehicles - Motorcycles           | 0                           |

## Description / Photos

|         |       |
|---------|-------|
| Terrain | Mixed |
|---------|-------|

## Site Photos

|                               |   |
|-------------------------------|---|
| <p>Photo</p>                  |  |
| <p>Comments / Description</p> | <p>ST3 South</p>  |

## Site Photos

Photo



Comments / Description

ST3 East

Site Photos

Photo



Comments / Description

ST3 West



Site Photos

Photo



Comments / Description

ST3 North

Site Photos

Photo



Comments / Description

Baseball building unit

