

Final Design TNM Noise Barrier Locations Heights
(Preliminary, subject to change in the engineering design phase)

| Main Barrier | Mainline Stationing | Prelim. Approx. | X | Y | Base Z (ft) | Optimized Height (ft) | Top Elevation (ft) | TNM Panel Length (ft) | Panel Area (ft ²) |
|----------------|---------------------|------------------|-------------|-----------|-------------|-----------------------|--------------------|-----------------------|-------------------------------|
| Station | Start | 208+50.00 | 1,951,520.6 | 790,849.7 | 280.5 | 19 | 299.5 | 100 | 1900 |
| | | 209+50.00 | 1,951,430.8 | 790,805.9 | 280.3 | 19 | 299.3 | 100 | 1900 |
| | | 210+50.00 | 1,951,340.8 | 790,762.1 | 280.6 | 19 | 299.6 | 100 | 1900 |
| | | 211+50.00 | 1,951,251.0 | 790,718.2 | 282.2 | 19 | 301.2 | 100 | 1900 |
| | | 212+50.00 | 1,951,161.1 | 790,674.4 | 284.3 | 19 | 303.3 | 98 | 1862 |
| | | 213+50.00 | 1,951,063.9 | 790,660.4 | 287.4 | 19 | 306.4 | 100 | 1900 |
| | | 214+50.00 | 1,950,973.0 | 790,618.5 | 293.9 | 19 | 312.9 | 100 | 1900 |
| | | 215+50.00 | 1,950,882.2 | 790,576.6 | 299.3 | 19 | 318.3 | 100 | 1900 |
| | | 216+50.00 | 1,950,791.4 | 790,534.8 | 304.1 | 19 | 323.1 | 100 | 1900 |
| | | 217+50.00 | 1,950,701.5 | 790,491.1 | 308.7 | 19 | 327.7 | 100 | 1900 |
| | | 218+50.00 | 1,950,611.8 | 790,447.1 | 312.0 | 19 | 331.0 | 100 | 1900 |
| | | 219+50.00 | 1,950,521.9 | 790,403.1 | 315.2 | 19 | 334.2 | 100 | 1900 |
| | | 220+50.00 | 1,950,432.0 | 790,359.2 | 317.7 | 19 | 336.7 | 100 | 1900 |
| | | 221+50.00 | 1,950,342.2 | 790,315.2 | 320.2 | 19 | 339.2 | 100 | 1900 |
| | | 222+50.00 | 1,950,252.8 | 790,270.6 | 321.1 | 19 | 340.1 | 100 | 1900 |
| | | 223+50.00 | 1,950,163.2 | 790,226.0 | 320.4 | 19 | 339.4 | 100 | 1900 |
| | | 224+50.00 | 1,950,078.4 | 790,173.4 | 317.1 | 19 | 336.1 | 100 | 1900 |
| | | 225+50.00 | 1,949,999.0 | 790,112.6 | 317.5 | 19 | 336.5 | 100 | 1900 |
| | | 226+50.00 | 1,949,911.5 | 790,064.9 | 318.1 | 18 | 336.1 | 100 | 1800 |
| | | 227+50.00 | 1,949,821.6 | 790,021.1 | 317.3 | 19 | 336.3 | 100 | 1900 |
| | | 228+50.00 | 1,949,731.8 | 789,977.2 | 316.2 | 19 | 335.2 | 100 | 1900 |
| | | 229+50.00 | 1,949,641.9 | 789,933.4 | 314.2 | 19 | 333.2 | 100 | 1900 |
| | | 230+50.00 | 1,949,552.0 | 789,889.6 | 313.4 | 19 | 332.4 | 100 | 1900 |
| | | 231+50.00 | 1,949,462.1 | 789,845.7 | 311.9 | 19 | 330.9 | 99 | 1881 |
| | | 232+50.00 | 1,949,369.9 | 789,809.0 | 310.0 | 20 | 330.0 | 100 | 2000 |
| | | 233+50.00 | 1,949,274.9 | 789,779.1 | 311.8 | 19 | 330.8 | 100 | 1900 |
| | | 234+50.00 | 1,949,181.4 | 789,743.5 | 316.3 | 19 | 335.3 | 100 | 1900 |
| | | 235+50.00 | 1,949,088.8 | 789,706.0 | 319.5 | 19 | 338.5 | 100 | 1900 |
| | | 236+50.00 | 1,948,997.8 | 789,664.5 | 320.0 | 18 | 338.0 | 100 | 1800 |
| | | 237+50.00 | 1,948,907.8 | 789,621.1 | 319.0 | 19 | 338.0 | 100 | 1900 |

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|--------------|---------------------|-----------------|-------------|-----------|-------------|-----------------------|--------------------|-----------------------|-------------------------------|
| | | 238+50.00 | 1,948,818.5 | 789,575.8 | 317.2 | 19 | 336.2 | 100 | 1900 |
| | | 239+50.00 | 1,948,730.4 | 789,528.5 | 313.5 | 19 | 332.5 | 100 | 1900 |
| | | 240+50.00 | 1,948,643.2 | 789,479.5 | 309.5 | 19 | 328.5 | 100 | 1900 |
| | | 241+50.00 | 1,948,557.2 | 789,428.5 | 305.9 | 19 | 324.9 | 100 | 1900 |
| | | 242+50.00 | 1,948,476.4 | 789,369.7 | 301.2 | 19 | 320.2 | 100 | 1900 |
| | | 243+50.00 | 1,948,398.2 | 789,307.3 | 296.6 | 19 | 315.6 | 100 | 1900 |
| | | 244+50.00 | 1,948,325.2 | 789,239.0 | 293.7 | 19 | 312.7 | 100 | 1900 |
| | | 245+50.00 | 1,948,252.6 | 789,170.3 | 293.5 | 19 | 312.5 | 100 | 1900 |
| | | 246+50.00 | 1,948,174.0 | 789,108.5 | 292.1 | 19 | 311.1 | 100 | 1900 |
| | | 247+50.00 | 1,948,097.0 | 789,044.7 | 290.2 | 19 | 309.2 | 100 | 1900 |
| | | 248+50.00 | 1,948,021.8 | 788,978.9 | 288.8 | 19 | 307.8 | 100 | 1900 |
| | | 249+50.00 | 1,947,948.1 | 788,911.2 | 287.4 | 19 | 306.4 | 100 | 1900 |
| | | 250+50.00 | 1,947,876.2 | 788,841.6 | 286.1 | 19 | 305.1 | 100 | 1900 |
| | | 251+50.00 | 1,947,806.4 | 788,770.1 | 284.0 | 19 | 303.0 | 99 | 1881 |
| | | 252+50.00 | 1,947,718.4 | 788,723.8 | 280.1 | 22 | 302.1 | 99 | 2178 |
| | | 253+50.00 | 1,947,631.8 | 788,675.5 | 283.2 | 19 | 302.2 | 100 | 1900 |
| | | 254+50.00 | 1,947,560.4 | 788,605.3 | 283.5 | 19 | 302.5 | 100 | 1900 |
| | | 255+50.00 | 1,947,493.6 | 788,531.0 | 280.2 | 19 | 299.2 | 100 | 1900 |
| | | 256+50.00 | 1,947,428.8 | 788,454.9 | 273.6 | 19 | 292.6 | 100 | 1900 |
| | | 257+50.00 | 1,947,367.0 | 788,376.3 | 264.9 | 23 | 287.9 | 100 | 2300 |
| | | 258+50.00 | 1,947,327.4 | 788,284.4 | 256.4 | 25 | 281.4 | 100 | 2500 |
| | | 259+50.00 | 1,947,287.8 | 788,192.6 | 256.2 | 24 | 280.2 | 100 | 2400 |
| | | 260+50.00 | 1,947,247.9 | 788,101.0 | 265.1 | 15 | 280.1 | 100 | 1500 |
| | | 261+50.00 | 1,947,189.4 | 788,019.9 | 266.8 | 14 | 280.8 | 99 | 1386 |
| | | 262+50.00 | 1,947,137.8 | 787,935.4 | 254.9 | 19 | 273.9 | 82 | 1558 |
| Station | End | 263+32.04 | 1,947,112.8 | 787,857.2 | 254.7 | 19 | 273.7 | End Station | 0.0 |
| | | | | | | | | Total Square Footage | 104,846 |
| | | | | | | | | Total Length (ft) | 5,476 |

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|--------------|---------------------|-----------------|---|---|-------------|-----------------------|--------------------|-----------------------|-------------------------------|
|--------------|---------------------|-----------------|---|---|-------------|-----------------------|--------------------|-----------------------|-------------------------------|

Note 1: Station numbering is preliminary and approximate.

Note2: The top elevations are to be used as the minimum height noise profile. Aesthetics, maintaining a smooth-top, final wall base elevations and other considerations may slightly change these values as individual panels are designed from station to station. As long as the minimum height is maintained between these station numbers, the integrity of the predicted sound level reductions will be sustained.