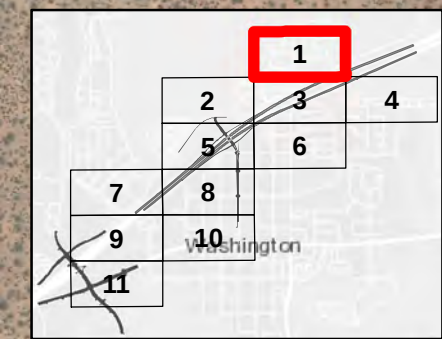


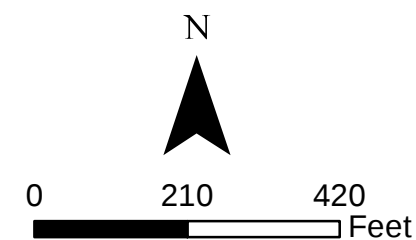


## APPENDIX B: NOISE IMPACTS FOR BUILD ALTERNATIVES



**Alternative 4 Impact**

- Yes
- No
- Potential Relocations

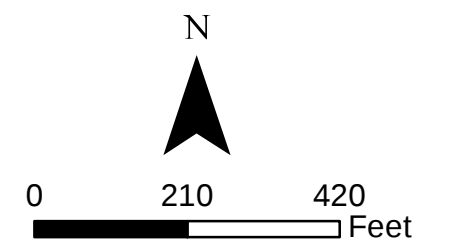




**Alternative 4 Impacts**  
Map 2 of 11

**Alternative 4 Impact**

- Yes
- No
- Potential Relocations





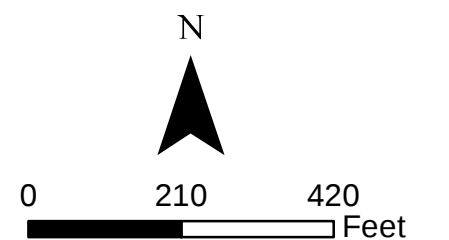
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

## Alternative 4 Impacts

Map 3 of 11

### Alternative 4 Impact

- Yes
- No
- Potential Relocations





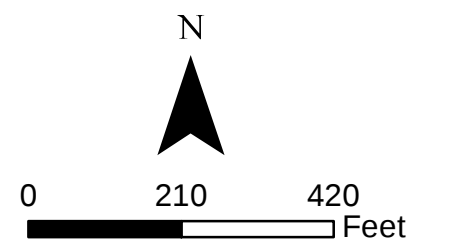
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

## Alternative 4 Impacts

Map 4 of 11

### Alternative 4 Impact

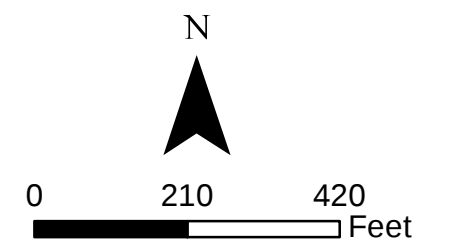
- Yes
- No
- Potential Relocations

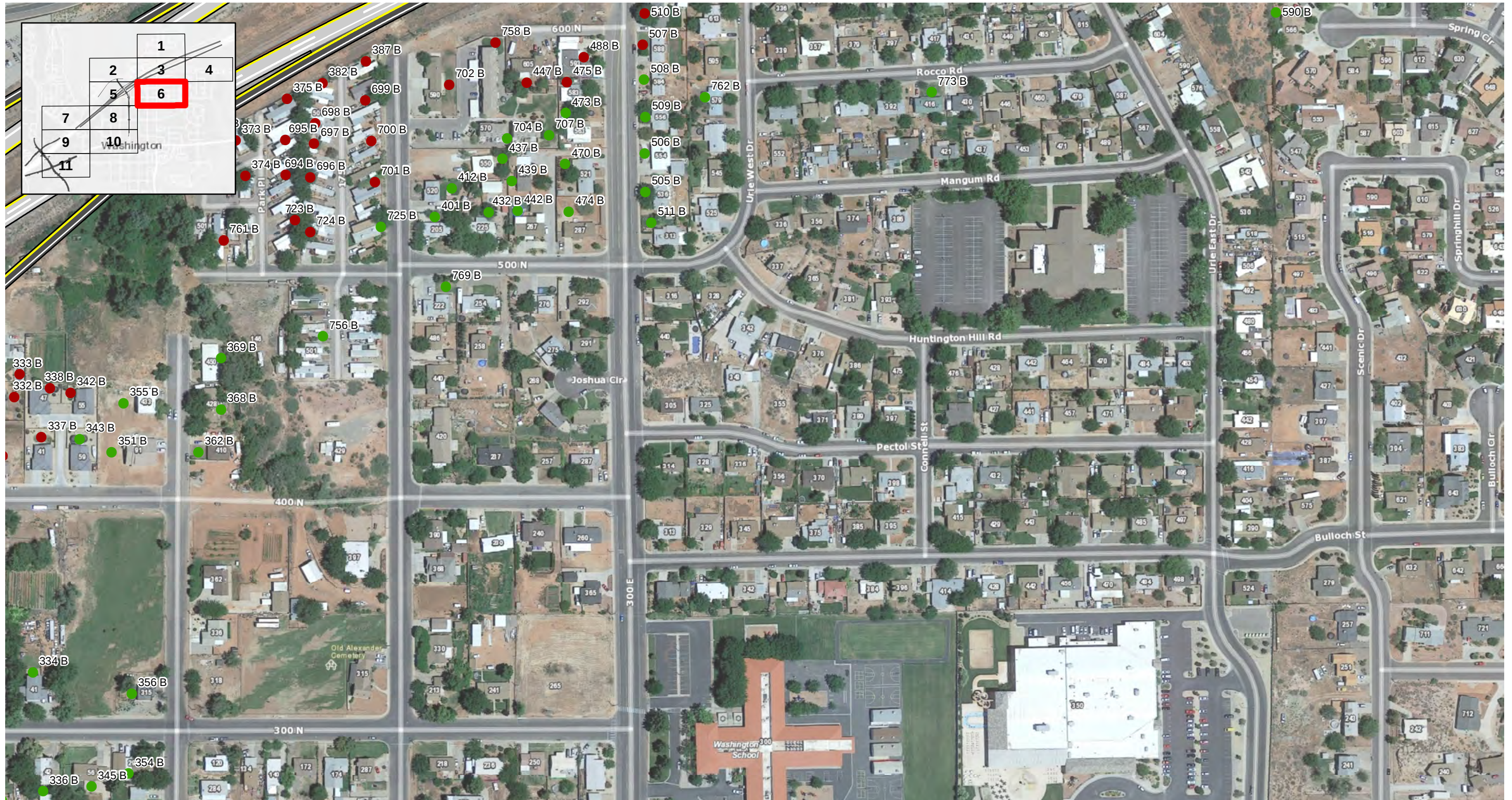




**Alternative 4 Impact**

- Yes
- No
- Potential Relocations



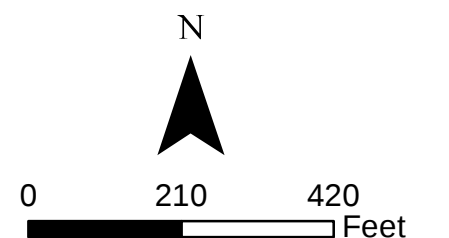


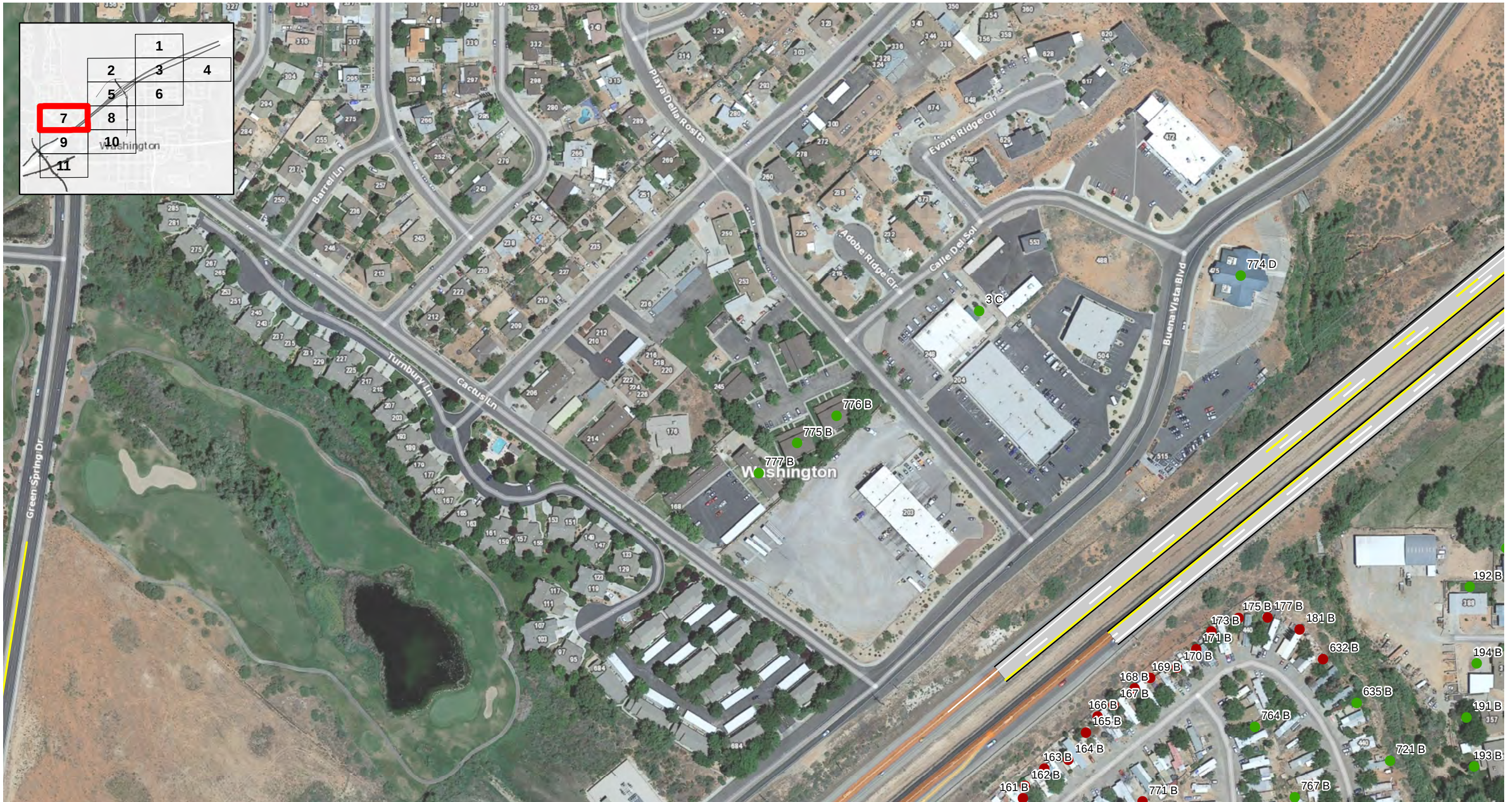
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

Alternative 4 Impacts  
Map 6 of 11

## Alternative 4 Impact

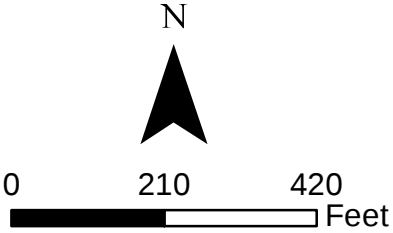
- Yes
- No
- Potential Relocations

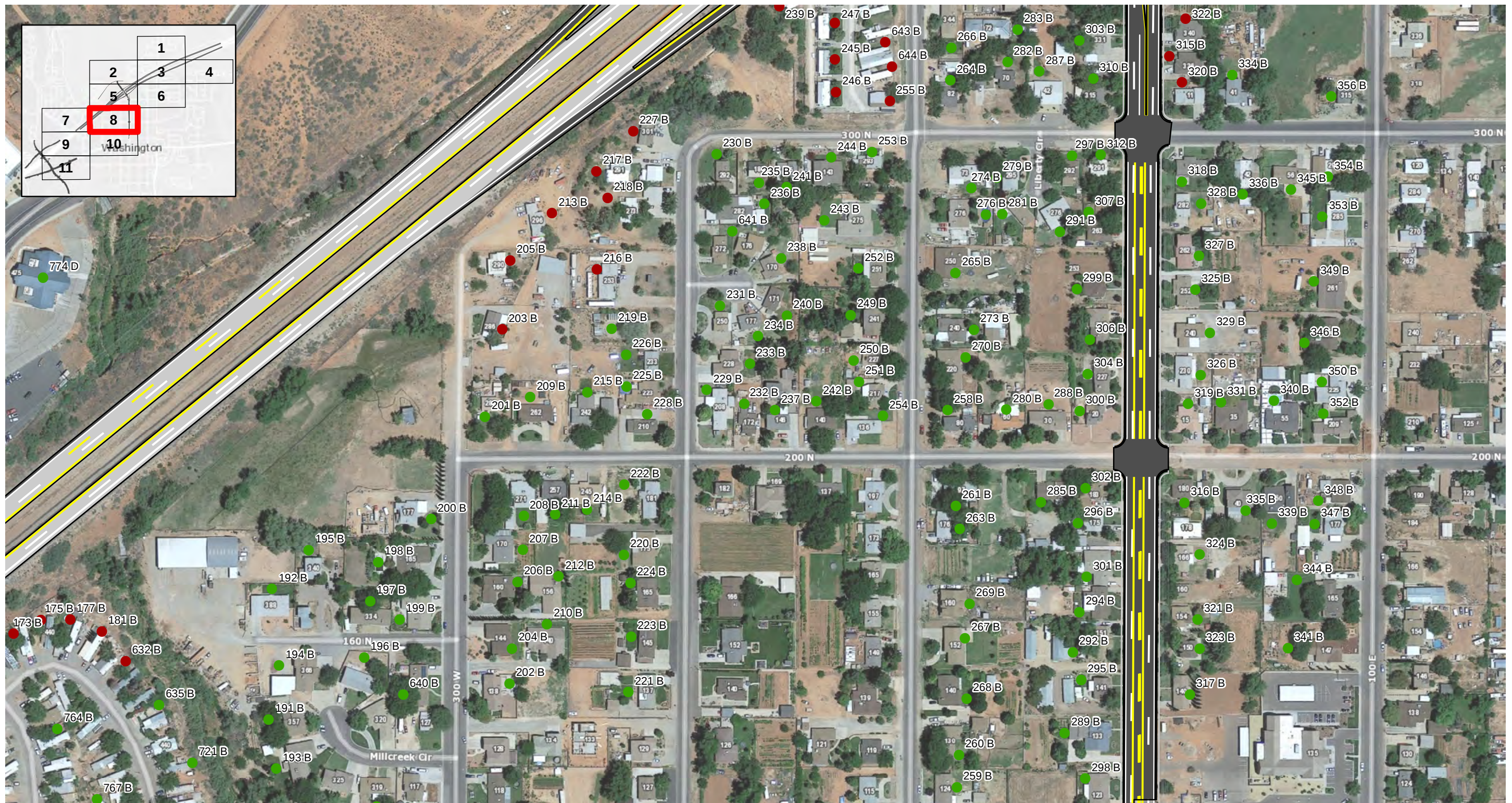




Alternative 4 Impact

- Yes
- No
- Potential Relocations

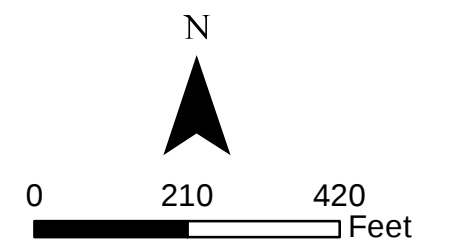


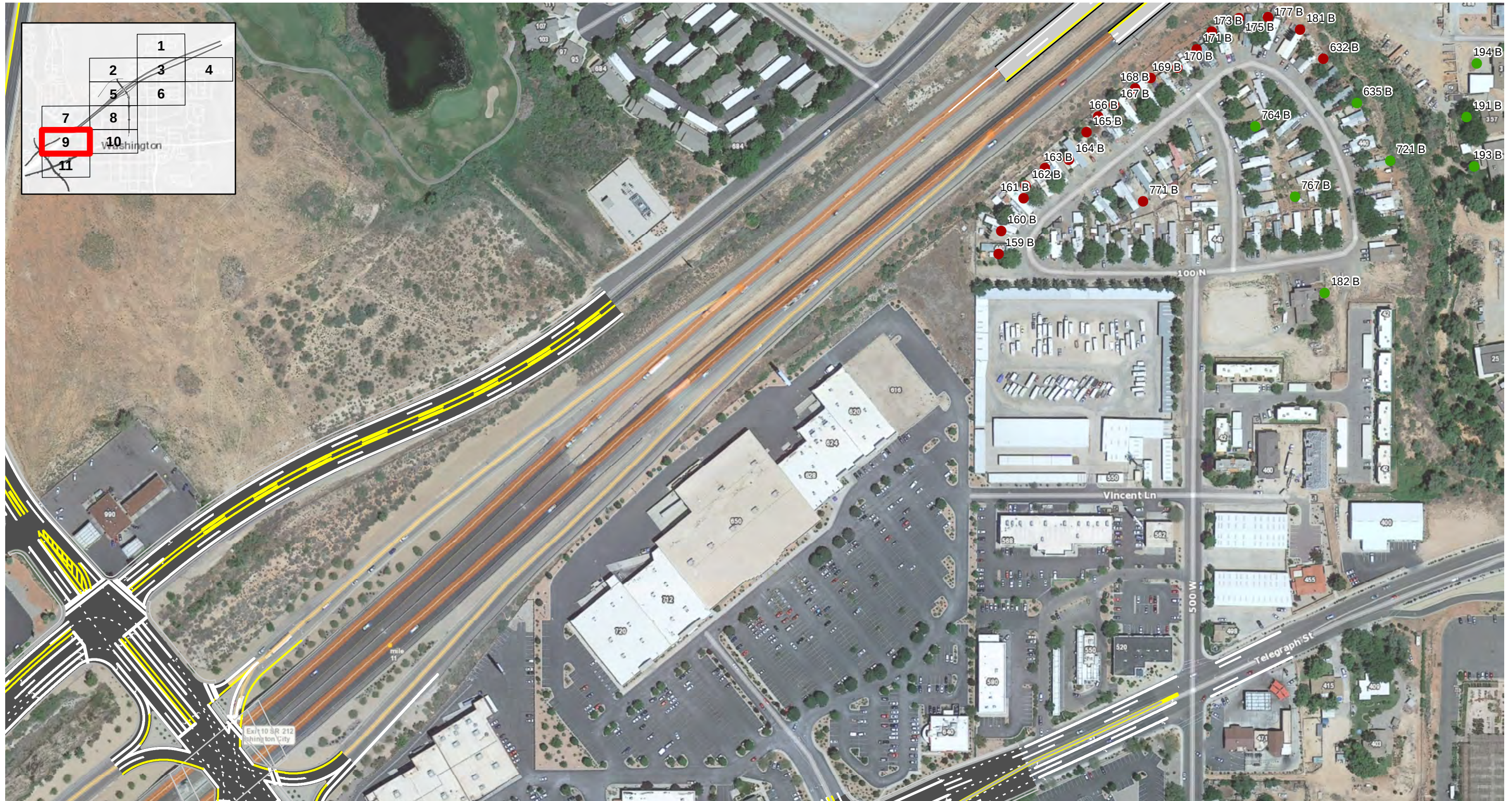


**Alternative 4 Impacts**  
Map 8 of 11

**Alternative 4 Impact**

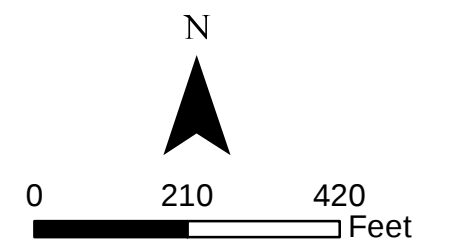
- Yes
- No
- Potential Relocations

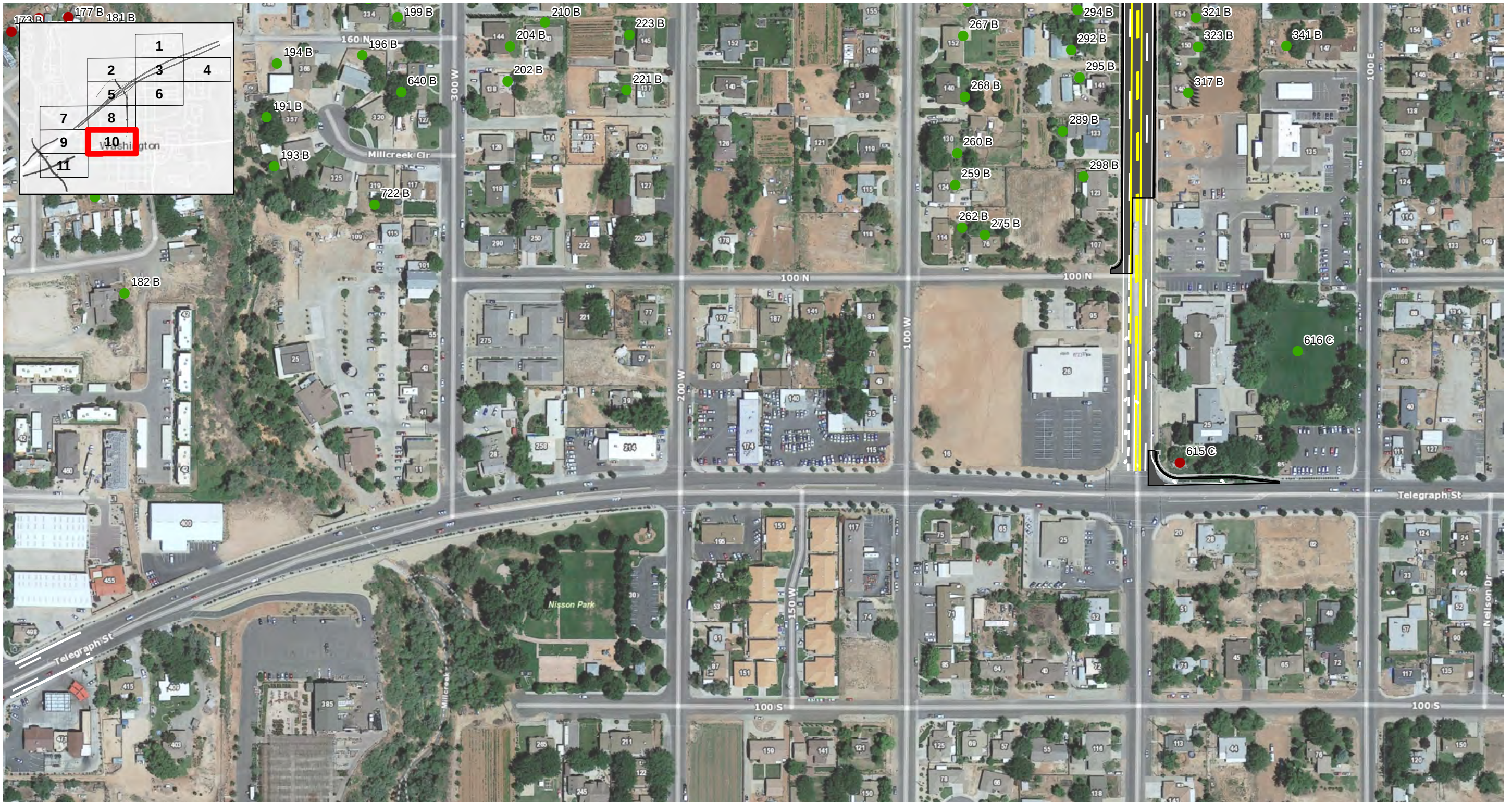




**Alternative 4 Impact**

- Yes
- No
- Potential Relocations



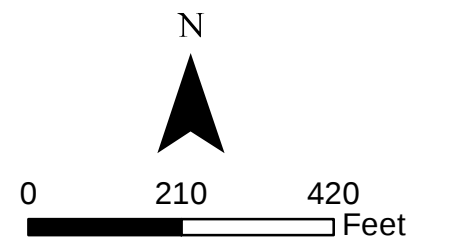


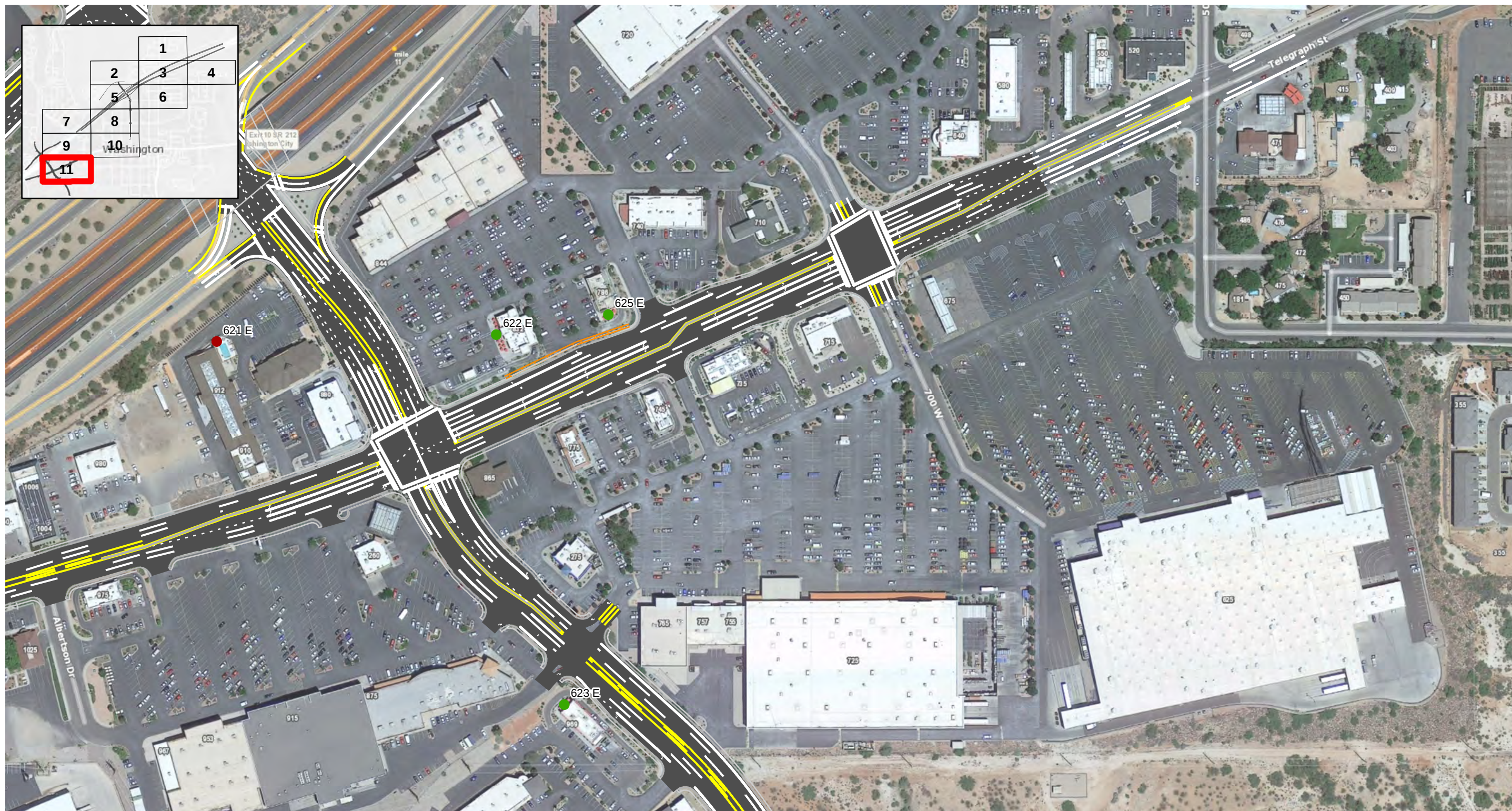
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

Alternative 4 Impacts  
Map 10 of 11

## Alternative 4 Impact

- Yes
- No
- Potential Relocations

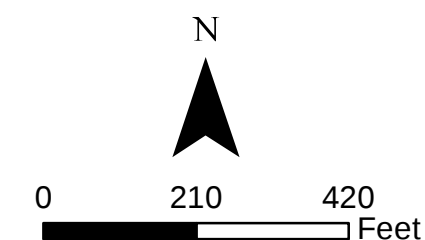


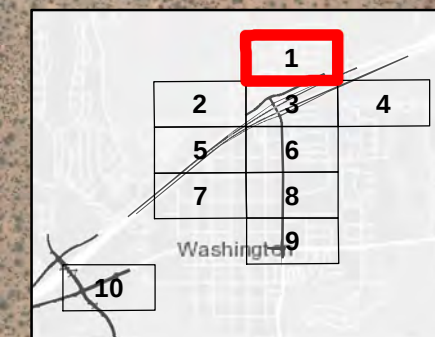


**Alternative 4 Impacts**  
Map 11 of 11

**Alternative 4 Impact**

- Yes
- No
- Potential Relocations



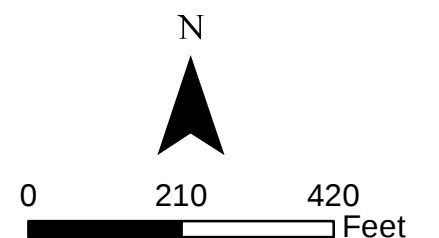


# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

Alternative 5 Impacts  
Map 1 of 10

## Alternative 5 Impact

- Yes
- No
- Potential Relocations

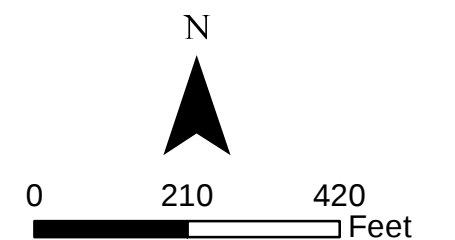




**Alternative 5 Impacts**  
Map 2 of 10

**Alternative 5 Impact**

- Yes
- No
- Potential Relocations

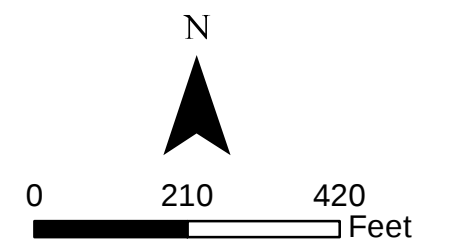




**Alternative 5 Impacts**  
Map 3 of 10

**Alternative 5 Impact**

- Yes
- No
- Potential Relocations





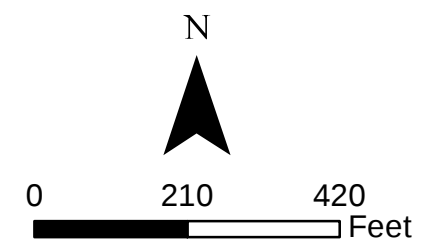
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

## Alternative 5 Impacts

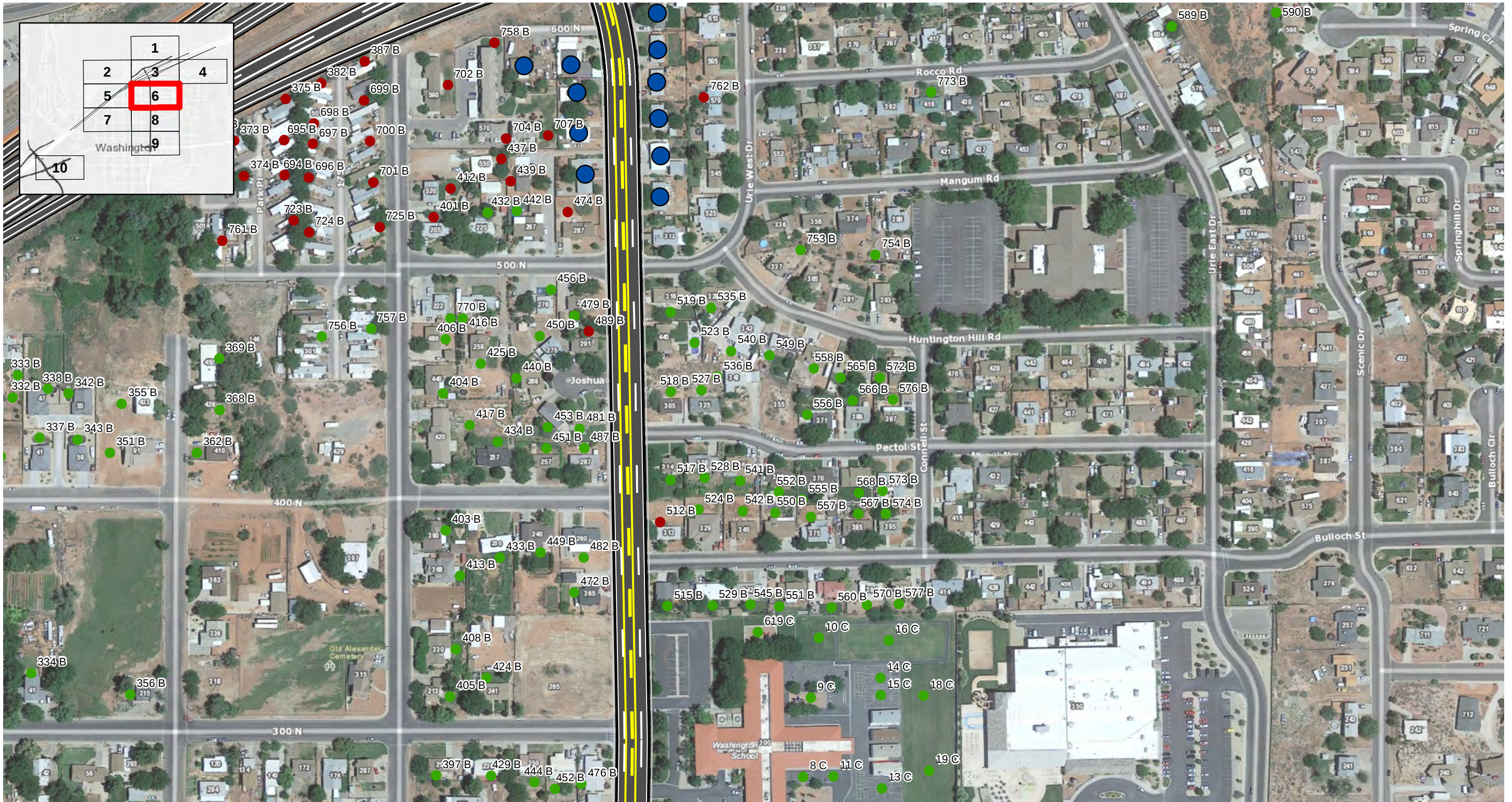
Map 4 of 10

### Alternative 5 Impact

- Yes
- No
- Potential Relocations





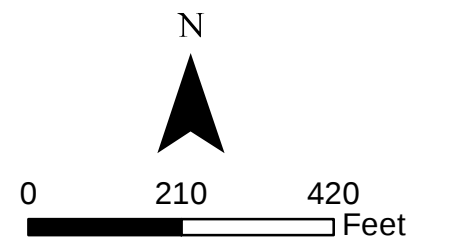


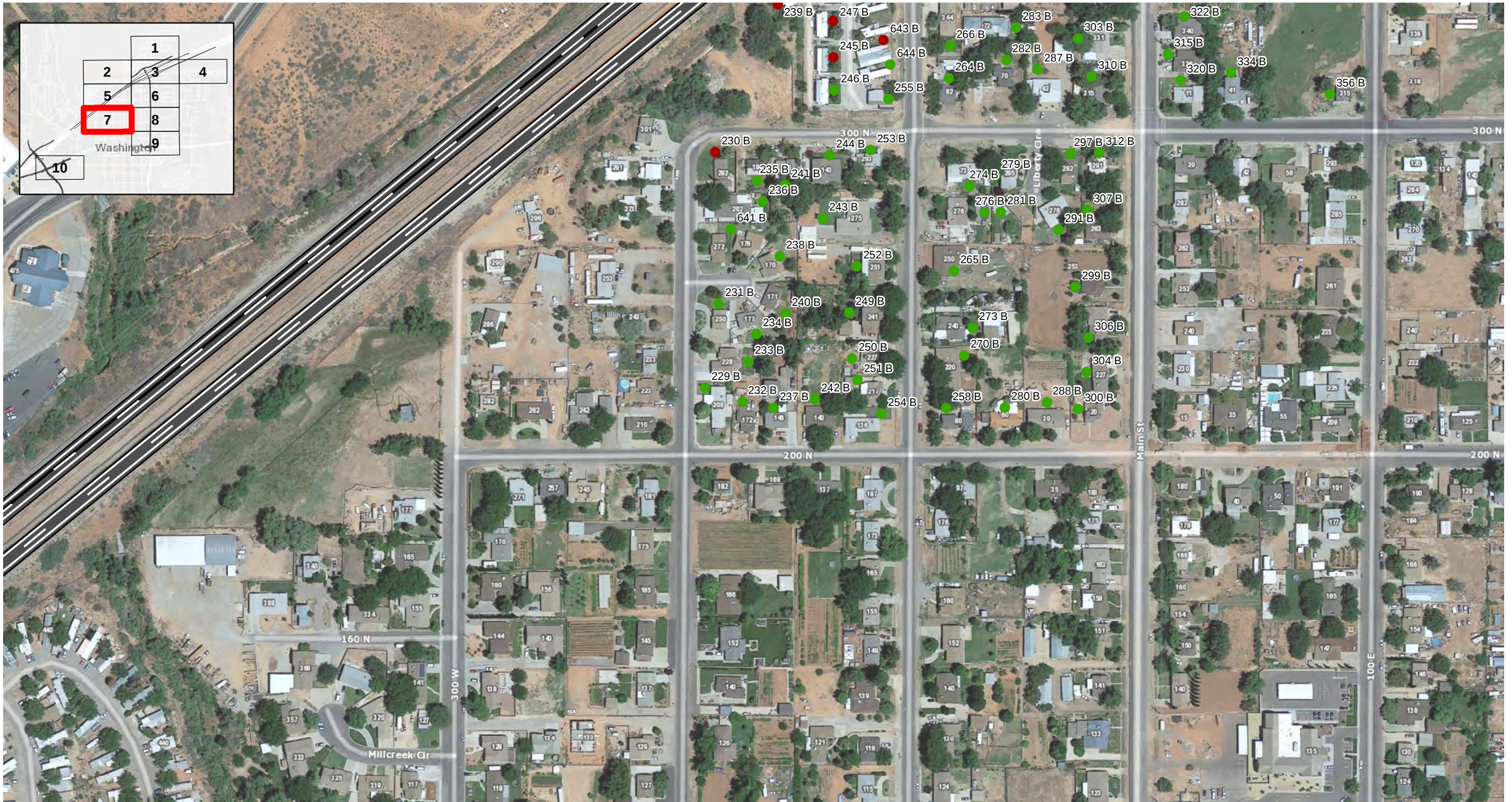
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

Alternative 5 Impacts  
Map 6 of 10

## Alternative 5 Impact

- Yes
- No
- Potential Relocations



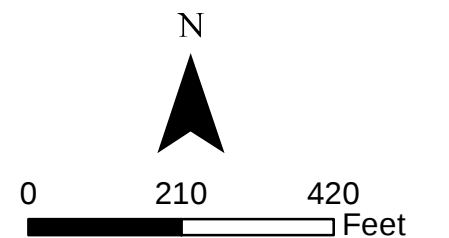


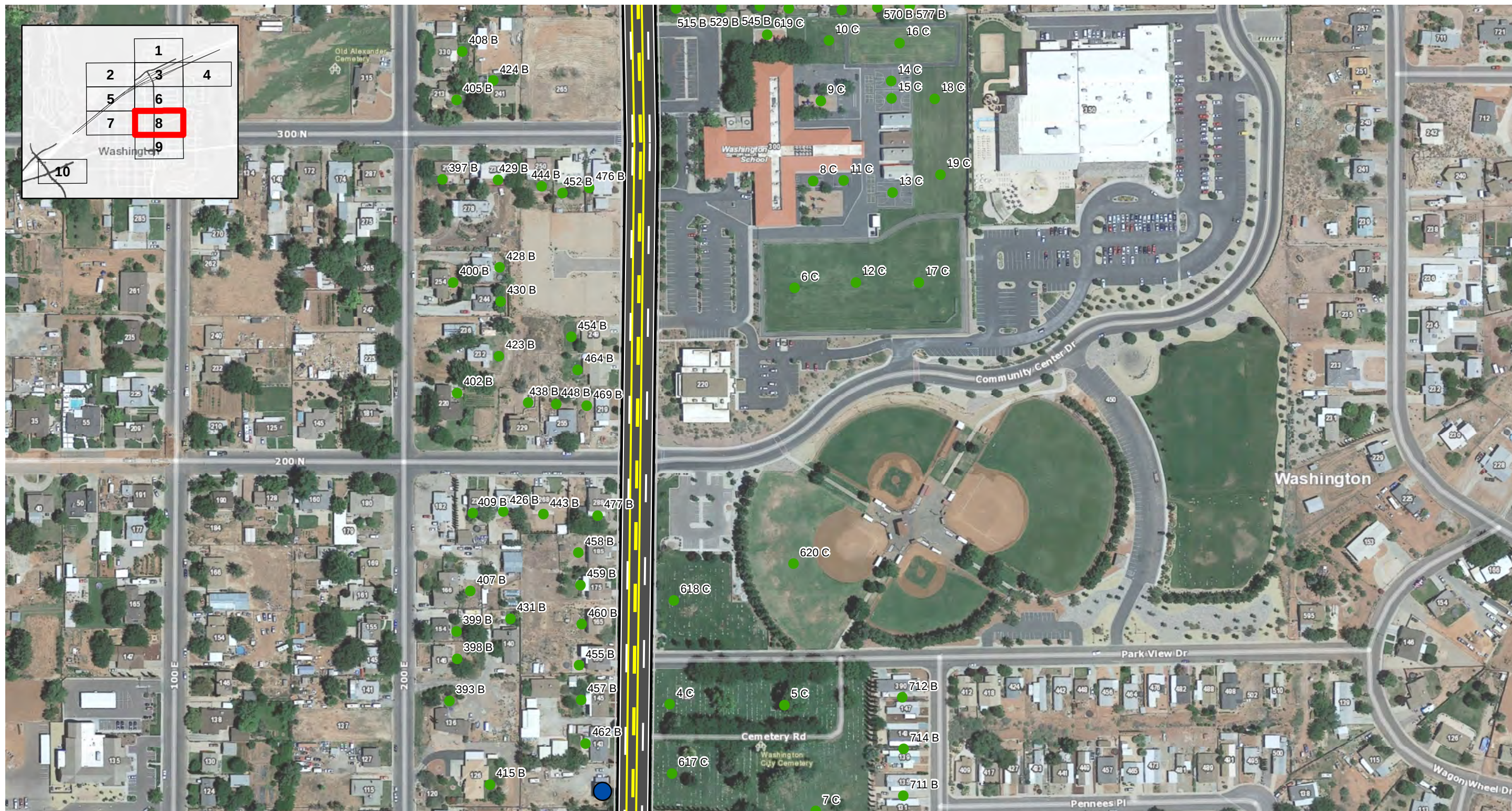
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

Alternative 5 Impacts  
Map 7 of 10

## Alternative 5 Impact

- Yes
- No
- Potential Relocations

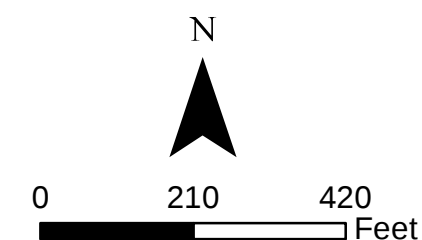


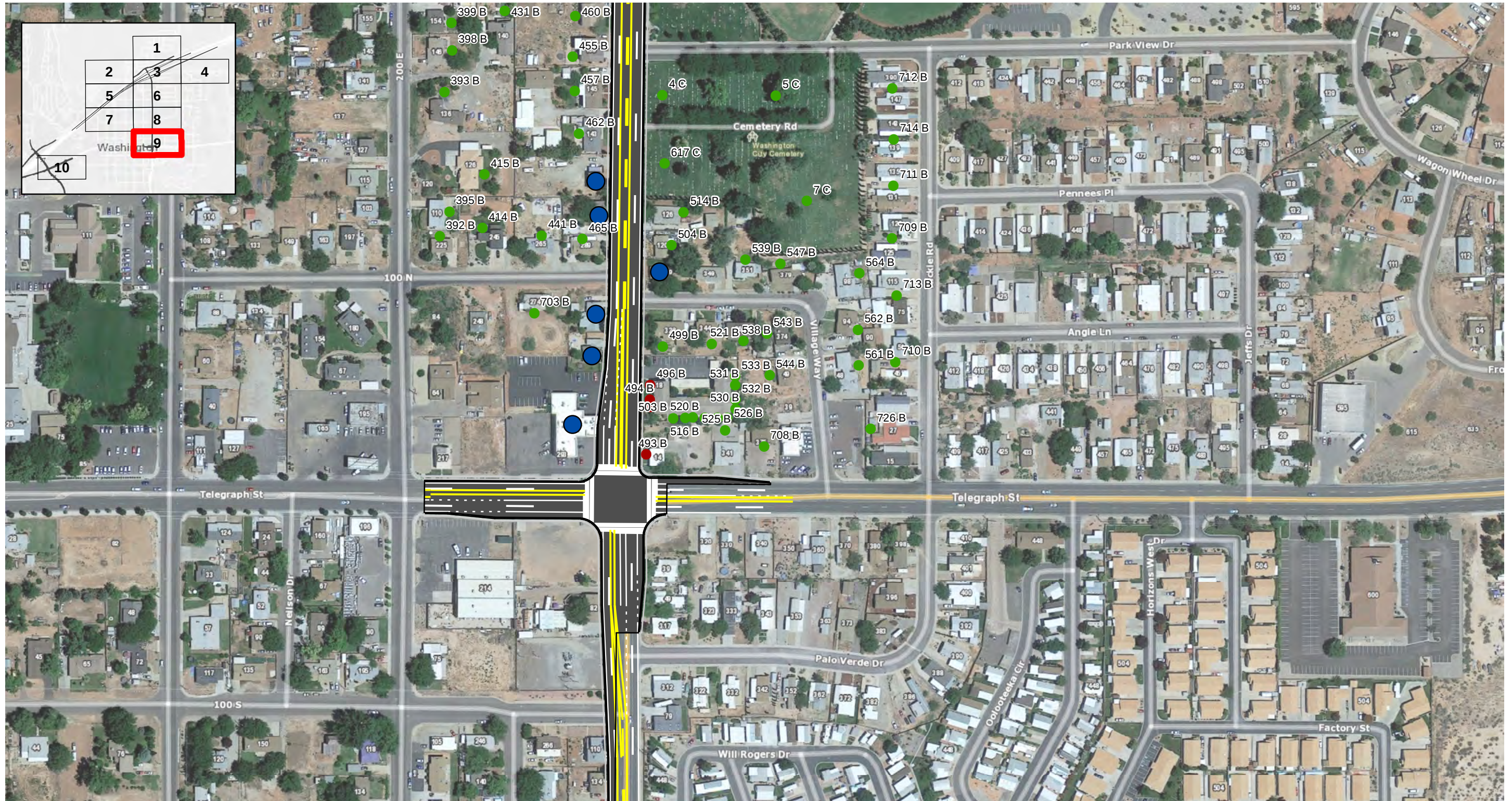


**Alternative 5 Impacts**  
Map 8 of 10

**Alternative 5 Impact**

- Yes
- No
- Potential Relocations



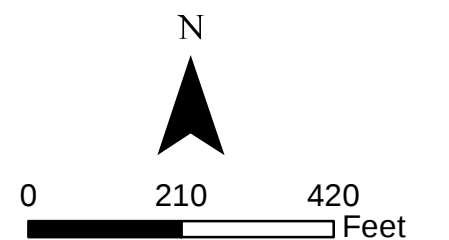


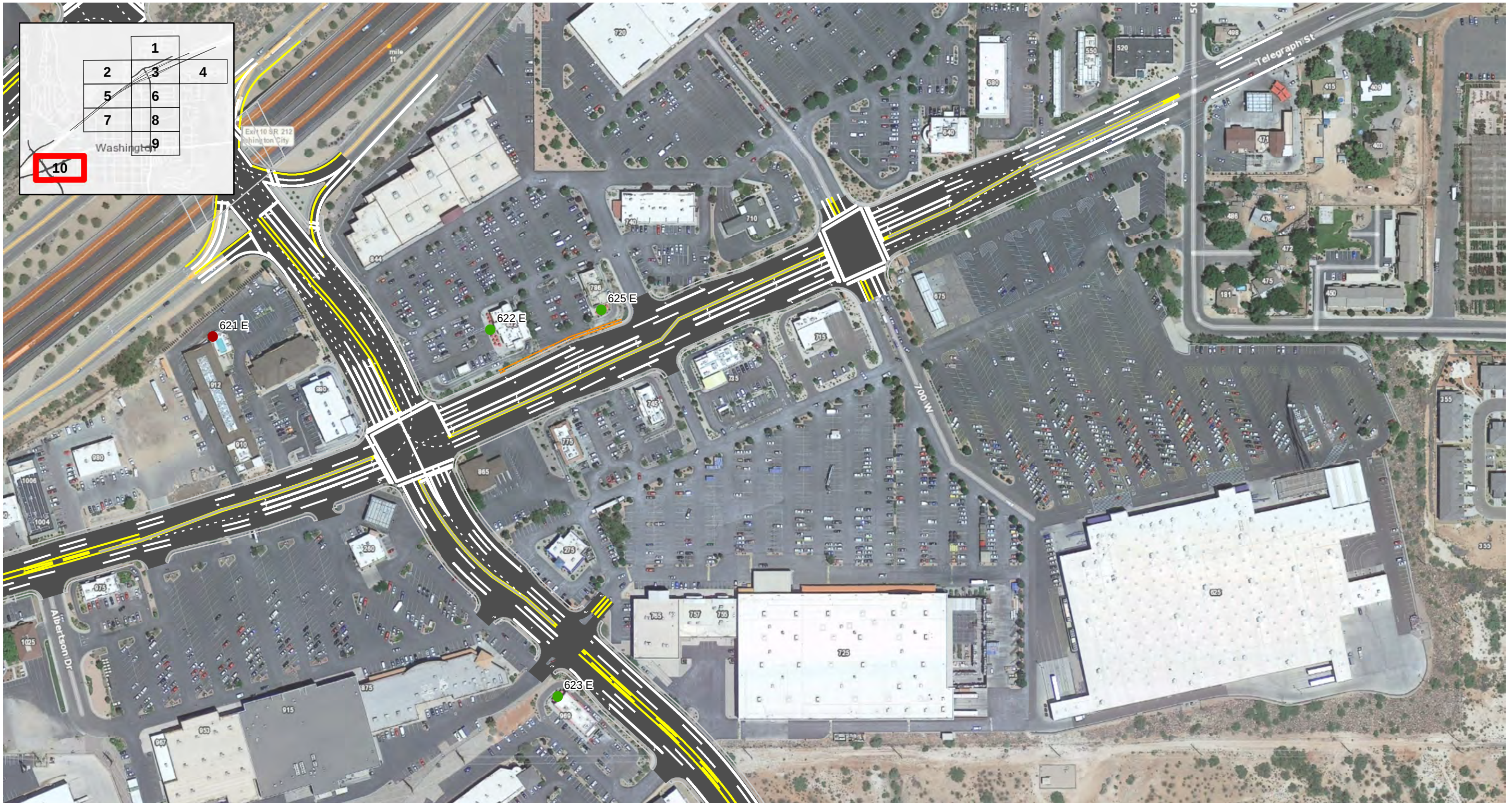
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

Alternative 5 Impacts  
Map 9 of 10

## Alternative 5 Impact

- Yes
- No
- Potential Relocations







## APPENDIX C: EXISTING AND BUILD ALTERNATIVES NOISE LEVELS



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 2 B          | 66.0                                 | 64.6                        | No              | 64.3                             | No                                    | No                              |
| 3 C          | 66.0                                 | 65.4                        | No              | 65.3                             | No                                    | No                              |
| <b>159 B</b> | 66.0                                 | <b>71.8</b>                 | Yes             | <b>71.8</b>                      | No                                    | Yes                             |
| <b>160 B</b> | 66.0                                 | <b>73.0</b>                 | Yes             | <b>72.9</b>                      | No                                    | Yes                             |
| <b>161 B</b> | 66.0                                 | <b>74.0</b>                 | Yes             | <b>73.9</b>                      | No                                    | Yes                             |
| <b>162 B</b> | 66.0                                 | <b>74.6</b>                 | Yes             | <b>74.4</b>                      | No                                    | Yes                             |
| <b>163 B</b> | 66.0                                 | <b>74.6</b>                 | Yes             | <b>74.6</b>                      | No                                    | Yes                             |
| <b>164 B</b> | 66.0                                 | <b>72.9</b>                 | Yes             | <b>73.0</b>                      | No                                    | Yes                             |
| <b>165 B</b> | 66.0                                 | <b>73.1</b>                 | Yes             | <b>73.1</b>                      | No                                    | Yes                             |
| <b>166 B</b> | 66.0                                 | <b>72.6</b>                 | Yes             | <b>72.6</b>                      | No                                    | Yes                             |
| <b>167 B</b> | 66.0                                 | <b>72.2</b>                 | Yes             | <b>72.2</b>                      | No                                    | Yes                             |
| <b>168 B</b> | 66.0                                 | <b>72.0</b>                 | Yes             | <b>72.0</b>                      | No                                    | Yes                             |
| <b>169 B</b> | 66.0                                 | <b>71.8</b>                 | Yes             | <b>71.9</b>                      | No                                    | Yes                             |
| <b>170 B</b> | 66.0                                 | <b>71.0</b>                 | Yes             | <b>71.1</b>                      | No                                    | Yes                             |
| <b>171 B</b> | 66.0                                 | <b>70.8</b>                 | Yes             | <b>70.9</b>                      | No                                    | Yes                             |
| <b>173 B</b> | 66.0                                 | <b>70.9</b>                 | Yes             | <b>71.0</b>                      | No                                    | Yes                             |
| <b>175 B</b> | 66.0                                 | <b>70.2</b>                 | Yes             | <b>70.3</b>                      | No                                    | Yes                             |
| <b>177 B</b> | 66.0                                 | <b>69.1</b>                 | Yes             | <b>69.2</b>                      | No                                    | Yes                             |
| <b>181 B</b> | 66.0                                 | <b>67.6</b>                 | Yes             | <b>67.7</b>                      | No                                    | Yes                             |
| 182 B        | 66.0                                 | 61.4                        | No              | 60.6                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>187 B</b> | 66.0                                 | <b>68.1</b>                 | Yes             | <b>68.0</b>                      | No                                    | Yes                             |
| <b>189 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>68.1</b>                      | No                                    | Yes                             |
| <b>190 B</b> | 66.0                                 | <b>67.4</b>                 | Yes             | <b>67.6</b>                      | No                                    | Yes                             |
| 191 B        | 66.0                                 | 61.9                        | No              | 61.6                             | No                                    | No                              |
| 192 B        | 66.0                                 | 64.4                        | No              | 64.4                             | No                                    | No                              |
| 193 B        | 66.0                                 | 61.0                        | No              | 60.5                             | No                                    | No                              |
| 194 B        | 66.0                                 | 62.8                        | No              | 62.6                             | No                                    | No                              |
| 195 B        | 66.0                                 | 64.8                        | No              | 64.8                             | No                                    | No                              |
| 196 B        | 66.0                                 | 61.4                        | No              | 61.0                             | No                                    | No                              |
| 197 B        | 66.0                                 | 62.2                        | No              | 61.9                             | No                                    | No                              |
| 198 B        | 66.0                                 | 63.1                        | No              | 62.7                             | No                                    | No                              |
| 199 B        | 66.0                                 | 61.2                        | No              | 60.7                             | No                                    | No                              |
| 200 B        | 66.0                                 | 63.2                        | No              | 62.8                             | No                                    | No                              |
| 201 B        | 66.0                                 | 64.7                        | No              | 64.4                             | No                                    | No                              |
| 202 B        | 66.0                                 | 58.6                        | No              | 57.8                             | No                                    | No                              |
| <b>203 B</b> | 66.0                                 | <b>67.4</b>                 | Yes             | <b>67.2</b>                      | No                                    | Yes                             |
| 204 B        | 66.0                                 | 59.0                        | No              | 58.3                             | No                                    | No                              |
| <b>205 B</b> | 66.0                                 | <b>70.8</b>                 | Yes             | <b>71.0</b>                      | No                                    | Yes                             |
| 206 B        | 66.0                                 | 60.2                        | No              | 59.5                             | No                                    | No                              |
| 207 B        | 66.0                                 | 60.7                        | No              | 60.1                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 208 B        | 66.0                                 | 61.4                        | No              | 60.9                             | No                                    | No                              |
| 209 B        | 66.0                                 | 64.1                        | No              | 63.8                             | No                                    | No                              |
| 210 B        | 66.0                                 | 59.1                        | No              | 58.3                             | No                                    | No                              |
| 211 B        | 66.0                                 | 60.9                        | No              | 60.3                             | No                                    | No                              |
| 212 B        | 66.0                                 | 59.7                        | No              | 59.0                             | No                                    | No                              |
| 213 B        | 66.0                                 | 70.7                        | Yes             | <b>71.5</b>                      | No                                    | Yes                             |
| 214 B        | 66.0                                 | 60.6                        | No              | 59.9                             | No                                    | No                              |
| 215 B        | 66.0                                 | 63.0                        | No              | 62.5                             | No                                    | No                              |
| <b>216 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | <b>67.1</b>                      | No                                    | Yes                             |
| <b>217 B</b> | 66.0                                 | <b>70.0</b>                 | Yes             | <b>69.3</b>                      | No                                    | Yes                             |
| <b>218 B</b> | 66.0                                 | <b>68.4</b>                 | Yes             | <b>67.8</b>                      | No                                    | Yes                             |
| 219 B        | 66.0                                 | 64.1                        | No              | 63.9                             | No                                    | No                              |
| 220 B        | 66.0                                 | 59.4                        | No              | 58.5                             | No                                    | No                              |
| 221 B        | 66.0                                 | 57.6                        | No              | 56.4                             | No                                    | No                              |
| 222 B        | 66.0                                 | 60.5                        | No              | 59.8                             | No                                    | No                              |
| 223 B        | 66.0                                 | 58.2                        | No              | 57.2                             | No                                    | No                              |
| 224 B        | 66.0                                 | 58.9                        | No              | 58.0                             | No                                    | No                              |
| 225 B        | 66.0                                 | 62.4                        | No              | 61.9                             | No                                    | No                              |
| 226 B        | 66.0                                 | 63.0                        | No              | 62.7                             | No                                    | No                              |
| <b>227 B</b> | 66.0                                 | <b>69.7</b>                 | Yes             | <b>68.1</b>                      | No                                    | Yes                             |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 228 B        | 66.0                                 | 61.4                        | No              | 60.8                             | No                                    | No                              |
| 229 B        | 66.0                                 | 60.9                        | No              | 60.4                             | No                                    | No                              |
| <b>230 B</b> | 66.0                                 | <b>66.0</b>                 | Yes             | 64.8                             | No                                    | No                              |
| 231 B        | 66.0                                 | 62.3                        | No              | 62.0                             | No                                    | No                              |
| 232 B        | 66.0                                 | 60.1                        | No              | 59.7                             | No                                    | No                              |
| 233 B        | 66.0                                 | 60.7                        | No              | 60.4                             | No                                    | No                              |
| 234 B        | 66.0                                 | 61.1                        | No              | 60.7                             | No                                    | No                              |
| 235 B        | 66.0                                 | 64.4                        | No              | 63.5                             | No                                    | No                              |
| 236 B        | 66.0                                 | 63.8                        | No              | 62.9                             | No                                    | No                              |
| 237 B        | 66.0                                 | 59.7                        | No              | 59.2                             | No                                    | No                              |
| 238 B        | 66.0                                 | 62.2                        | No              | 61.8                             | No                                    | No                              |
| <b>239 B</b> | 66.0                                 | <b>72.7</b>                 | Yes             | <b>73.6</b>                      | No                                    | Yes                             |
| 240 B        | 66.0                                 | 61.0                        | No              | 60.5                             | No                                    | No                              |
| 241 B        | 66.0                                 | 63.8                        | No              | 63.6                             | No                                    | No                              |
| 242 B        | 66.0                                 | 59.3                        | No              | 58.8                             | No                                    | No                              |
| 243 B        | 66.0                                 | 62.2                        | No              | 61.9                             | No                                    | No                              |
| 244 B        | 66.0                                 | 63.6                        | No              | 63.8                             | No                                    | No                              |
| <b>245 B</b> | 66.0                                 | <b>67.2</b>                 | Yes             | <b>68.8</b>                      | No                                    | Yes                             |
| <b>246 B</b> | 66.0                                 | 65.9                        | No              | <b>67.4</b>                      | No                                    | Yes                             |
| <b>247 B</b> | 66.0                                 | <b>69.1</b>                 | Yes             | <b>71.0</b>                      | No                                    | Yes                             |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>248 B</b> | 66.0                                 | <b>71.2</b>                 | Yes             | <b>73.6</b>                      | No                                    | Yes                             |
| 249 B        | 66.0                                 | 60.2                        | No              | 59.8                             | No                                    | No                              |
| 250 B        | 66.0                                 | 59.5                        | No              | 59.1                             | No                                    | No                              |
| 251 B        | 66.0                                 | 59.1                        | No              | 58.7                             | No                                    | No                              |
| 252 B        | 66.0                                 | 60.8                        | No              | 60.5                             | No                                    | No                              |
| 253 B        | 66.0                                 | 63.0                        | No              | 63.7                             | No                                    | No                              |
| 254 B        | 66.0                                 | 58.4                        | No              | 58.1                             | No                                    | No                              |
| <b>255 B</b> | 66.0                                 | 64.2                        | No              | <b>66.0</b>                      | No                                    | Yes                             |
| <b>256 B</b> | 66.0                                 | <b>70.2</b>                 | Yes             | <b>73.0</b>                      | No                                    | Yes                             |
| <b>257 B</b> | 66.0                                 | <b>69.0</b>                 | Yes             | <b>71.3</b>                      | No                                    | Yes                             |
| 258 B        | 66.0                                 | 58.0                        | No              | 58.2                             | No                                    | No                              |
| 259 B        | 66.0                                 | 56.1                        | No              | 55.4                             | No                                    | No                              |
| 260 B        | 66.0                                 | 55.9                        | No              | 55.6                             | No                                    | No                              |
| 261 B        | 66.0                                 | 57.0                        | No              | 57.2                             | No                                    | No                              |
| 262 B        | 66.0                                 | 56.2                        | No              | 55.5                             | No                                    | No                              |
| 263 B        | 66.0                                 | 56.8                        | No              | 57.0                             | No                                    | No                              |
| 264 B        | 66.0                                 | 63.4                        | No              | 64.7                             | No                                    | No                              |
| 265 B        | 66.0                                 | 59.6                        | No              | 60.0                             | No                                    | No                              |
| 266 B        | 66.0                                 | 64.3                        | No              | 65.9                             | No                                    | No                              |
| 267 B        | 66.0                                 | 56.1                        | No              | 56.3                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 268 B        | 66.0                                 | 55.9                        | No              | 55.9                             | No                                    | No                              |
| 269 B        | 66.0                                 | 56.3                        | No              | 56.6                             | No                                    | No                              |
| 270 B        | 66.0                                 | 58.6                        | No              | 58.9                             | No                                    | No                              |
| <b>272 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 68.8                             | No                                    | Yes                             |
| 273 B        | 66.0                                 | 58.8                        | No              | 59.2                             | No                                    | No                              |
| 274 B        | 66.0                                 | 60.8                        | No              | 61.8                             | No                                    | No                              |
| 275 B        | 66.0                                 | 56.4                        | No              | 56.0                             | No                                    | No                              |
| 276 B        | 66.0                                 | 60.2                        | No              | 61.3                             | No                                    | No                              |
| <b>278 B</b> | 66.0                                 | <b>67.4</b>                 | Yes             | <b>69.5</b>                      | No                                    | Yes                             |
| 279 B        | 66.0                                 | 60.7                        | No              | 62.1                             | No                                    | No                              |
| 280 B        | 66.0                                 | 57.9                        | No              | 58.6                             | No                                    | No                              |
| 281 B        | 66.0                                 | 60.1                        | No              | 61.5                             | No                                    | No                              |
| 282 B        | 66.0                                 | 62.9                        | No              | 64.9                             | No                                    | No                              |
| 283 B        | 66.0                                 | 63.5                        | No              | 65.6                             | No                                    | No                              |
| <b>284 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>68.9</b>                      | No                                    | Yes                             |
| 285 B        | 66.0                                 | 57.3                        | No              | 59.0                             | No                                    | No                              |
| <b>286 B</b> | 66.0                                 | <b>68.8</b>                 | Yes             | <b>71.7</b>                      | No                                    | Yes                             |
| 287 B        | 66.0                                 | 62.4                        | No              | 64.6                             | No                                    | No                              |
| 288 B        | 66.0                                 | 58.2                        | No              | 60.0                             | No                                    | No                              |
| 289 B        | 66.0                                 | 57.1                        | No              | 60.2                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 290 B        | 66.0                                 | 65.9                        | No              | 68.4                             | No                                    | Yes                             |
| 291 B        | 66.0                                 | 59.7                        | No              | 62.2                             | No                                    | No                              |
| 292 B        | 66.0                                 | 57.4                        | No              | 61.2                             | No                                    | No                              |
| <b>293 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>70.8</b>                      | No                                    | Yes                             |
| 294 B        | 66.0                                 | 57.6                        | No              | 62.0                             | No                                    | No                              |
| 295 B        | 66.0                                 | 57.6                        | No              | 62.2                             | No                                    | No                              |
| 296 B        | 66.0                                 | 57.9                        | No              | 61.9                             | No                                    | No                              |
| 297 B        | 66.0                                 | 60.8                        | No              | 63.7                             | No                                    | No                              |
| 298 B        | 66.0                                 | 57.9                        | No              | 62.9                             | No                                    | No                              |
| 299 B        | 66.0                                 | 59.3                        | No              | 62.6                             | No                                    | No                              |
| 300 B        | 66.0                                 | 58.6                        | No              | 62.2                             | No                                    | No                              |
| 301 B        | 66.0                                 | 58.0                        | No              | 63.1                             | No                                    | No                              |
| 302 B        | 66.0                                 | 58.3                        | No              | 62.9                             | No                                    | No                              |
| 303 B        | 66.0                                 | 62.8                        | No              | 65.7                             | No                                    | No                              |
| 304 B        | 66.0                                 | 59.0                        | No              | 63.3                             | No                                    | No                              |
| <b>305 B</b> | 66.0                                 | 63.7                        | No              | <b>66.7</b>                      | No                                    | Yes                             |
| 306 B        | 66.0                                 | 59.3                        | No              | 63.7                             | No                                    | No                              |
| 307 B        | 66.0                                 | 60.3                        | No              | 64.1                             | No                                    | No                              |
| 310 B        | 66.0                                 | 62.3                        | No              | 65.8                             | No                                    | No                              |
| 312 B        | 66.0                                 | 61.5                        | No              | 65.5                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>313 B</b> | 66.0                                 | 65.2                        | No              | <b>68.9</b>                      | No                                    | Yes                             |
| <b>315 B</b> | 66.0                                 | 64.3                        | No              | <b>68.8</b>                      | No                                    | Yes                             |
| 316 B        | 66.0                                 | 58.9                        | No              | 64.5                             | No                                    | No                              |
| 317 B        | 66.0                                 | 58.1                        | No              | 63.8                             | No                                    | No                              |
| 318 B        | 66.0                                 | 61.2                        | No              | 65.6                             | No                                    | No                              |
| 319 B        | 66.0                                 | 59.0                        | No              | 64.2                             | No                                    | No                              |
| <b>320 B</b> | 66.0                                 | 62.4                        | No              | <b>66.6</b>                      | No                                    | Yes                             |
| 321 B        | 66.0                                 | 57.7                        | No              | 62.5                             | No                                    | No                              |
| <b>322 B</b> | 66.0                                 | 63.0                        | No              | <b>66.7</b>                      | No                                    | Yes                             |
| 323 B        | 66.0                                 | 57.6                        | No              | 62.1                             | No                                    | No                              |
| 324 B        | 66.0                                 | 57.7                        | No              | 62.1                             | No                                    | No                              |
| 325 B        | 66.0                                 | 59.3                        | No              | 63.7                             | No                                    | No                              |
| 326 B        | 66.0                                 | 58.5                        | No              | 62.6                             | No                                    | No                              |
| 327 B        | 66.0                                 | 59.4                        | No              | 63.3                             | No                                    | No                              |
| 328 B        | 66.0                                 | 59.7                        | No              | 63.2                             | No                                    | No                              |
| 329 B        | 66.0                                 | 58.4                        | No              | 61.7                             | No                                    | No                              |
| <b>330 B</b> | 66.0                                 | 65.7                        | No              | <b>67.5</b>                      | No                                    | Yes                             |
| 331 B        | 66.0                                 | 57.6                        | No              | 60.3                             | No                                    | No                              |
| <b>332 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>68.3</b>                      | No                                    | Yes                             |
| <b>333 B</b> | 66.0                                 | <b>67.6</b>                 | Yes             | <b>68.8</b>                      | No                                    | Yes                             |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 334 B        | 66.0                                 | 60.6                        | No              | 62.3                             | No                                    | No                              |
| 335 B        | 66.0                                 | 56.5                        | No              | 58.2                             | No                                    | No                              |
| 336 B        | 66.0                                 | 58.9                        | No              | 60.5                             | No                                    | No                              |
| <b>337 B</b> | 66.0                                 | 65.3                        | No              | <b>66.6</b>                      | No                                    | Yes                             |
| <b>338 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | <b>67.6</b>                      | No                                    | Yes                             |
| 339 B        | 66.0                                 | 55.9                        | No              | 57.0                             | No                                    | No                              |
| 340 B        | 66.0                                 | 56.6                        | No              | 57.9                             | No                                    | No                              |
| 341 B        | 66.0                                 | 55.4                        | No              | 56.1                             | No                                    | No                              |
| <b>342 B</b> | 66.0                                 | 65.9                        | No              | <b>67.0</b>                      | No                                    | Yes                             |
| 343 B        | 66.0                                 | 64.5                        | No              | 65.6                             | No                                    | No                              |
| 344 B        | 66.0                                 | 55.4                        | No              | 56.0                             | No                                    | No                              |
| 345 B        | 66.0                                 | 58.3                        | No              | 59.4                             | No                                    | No                              |
| 346 B        | 66.0                                 | 56.7                        | No              | 57.7                             | No                                    | No                              |
| 347 B        | 66.0                                 | 55.4                        | No              | 55.9                             | No                                    | No                              |
| 348 B        | 66.0                                 | 55.5                        | No              | 56.0                             | No                                    | No                              |
| 349 B        | 66.0                                 | 57.0                        | No              | 57.8                             | No                                    | No                              |
| 350 B        | 66.0                                 | 56.2                        | No              | 57.0                             | No                                    | No                              |
| 351 B        | 66.0                                 | 63.6                        | No              | 64.7                             | No                                    | No                              |
| 352 B        | 66.0                                 | 56.0                        | No              | 56.6                             | No                                    | No                              |
| 353 B        | 66.0                                 | 57.5                        | No              | 58.4                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 354 B        | 66.0                                 | 57.9                        | No              | 58.7                             | No                                    | No                              |
| 355 B        | 66.0                                 | 64.5                        | No              | 65.4                             | No                                    | No                              |
| 356 B        | 66.0                                 | 58.8                        | No              | 59.7                             | No                                    | No                              |
| <b>357 B</b> | 66.0                                 | <b>69.0</b>                 | Yes             | <b>68.4</b>                      | No                                    | Yes                             |
| 358 B        | 66.0                                 | 62.1                        | No              | 62.1                             | No                                    | No                              |
| 359 B        | 66.0                                 | 61.3                        | No              | 61.3                             | No                                    | No                              |
| 360 B        | 66.0                                 | 62.2                        | No              | 62.0                             | No                                    | No                              |
| 361 B        | 66.0                                 | 61.5                        | No              | 61.5                             | No                                    | No                              |
| 362 B        | 66.0                                 | 62.3                        | No              | 62.7                             | No                                    | No                              |
| <b>363 B</b> | 66.0                                 | <b>75.3</b>                 | Yes             | <b>76.5</b>                      | No                                    | Yes                             |
| 364 B        | 66.0                                 | 63.4                        | No              | 63.5                             | No                                    | No                              |
| <b>365 B</b> | 66.0                                 | <b>69.5</b>                 | Yes             | <b>68.8</b>                      | No                                    | Yes                             |
| 366 B        | 66.0                                 | 62.7                        | No              | 62.7                             | No                                    | No                              |
| 367 B        | 66.0                                 | 61.6                        | No              | 61.6                             | No                                    | No                              |
| 368 B        | 66.0                                 | 62.9                        | No              | 63.2                             | No                                    | No                              |
| 369 B        | 66.0                                 | 64.0                        | No              | 64.4                             | No                                    | No                              |
| <b>370 B</b> | 66.0                                 | <b>76.1</b>                 | Yes             | <b>77.0</b>                      | No                                    | Yes                             |
| <b>372 B</b> | 66.0                                 | <b>70.5</b>                 | Yes             | <b>69.9</b>                      | No                                    | Yes                             |
| <b>373 B</b> | 66.0                                 | <b>74.0</b>                 | Yes             | <b>75.1</b>                      | No                                    | Yes                             |
| <b>374 B</b> | 66.0                                 | <b>70.2</b>                 | Yes             | <b>71.3</b>                      | No                                    | Yes                             |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>375 B</b> | 66.0                                 | <b>76.0</b>                 | Yes             | <b>76.5</b>                      | No                                    | Yes                             |
| 377 B        | 66.0                                 | 63.7                        | No              | 63.7                             | No                                    | No                              |
| 378 B        | 66.0                                 | 63.7                        | No              | 63.6                             | No                                    | No                              |
| 380 B        | 66.0                                 | 64.1                        | No              | 64.1                             | No                                    | No                              |
| 381 B        | 66.0                                 | 64.0                        | No              | 63.9                             | No                                    | No                              |
| <b>382 B</b> | 66.0                                 | <b>75.4</b>                 | Yes             | <b>75.8</b>                      | No                                    | Yes                             |
| 384 B        | 66.0                                 | 64.4                        | No              | 64.4                             | No                                    | No                              |
| 385 B        | 66.0                                 | 64.6                        | No              | 64.5                             | No                                    | No                              |
| <b>387 B</b> | 66.0                                 | <b>75.1</b>                 | Yes             | <b>75.4</b>                      | No                                    | Yes                             |
| 388 B        | 66.0                                 | 64.8                        | No              | 64.7                             | No                                    | No                              |
| 389 B        | 66.0                                 | 64.9                        | No              | 64.9                             | No                                    | No                              |
| 390 B        | 66.0                                 | 65.2                        | No              | 65.1                             | No                                    | No                              |
| 391 B        | 66.0                                 | 65.4                        | No              | 65.3                             | No                                    | No                              |
| 394 B        | 66.0                                 | 65.8                        | No              | 65.8                             | No                                    | No                              |
| 396 B        | 66.0                                 | 65.6                        | No              | 65.4                             | No                                    | No                              |
| 401 B        | 66.0                                 | 64.0                        | No              | 64.6                             | No                                    | No                              |
| 410 B        | 66.0                                 | 65.7                        | No              | 65.5                             | No                                    | No                              |
| <b>411 B</b> | 66.0                                 | <b>66.3</b>                 | Yes             | <b>66.2</b>                      | No                                    | Yes                             |
| 412 B        | 66.0                                 | 64.3                        | No              | 64.9                             | No                                    | No                              |
| 418 B        | 66.0                                 | 63.8                        | No              | 63.8                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 419 B        | 66.0                                 | 63.0                        | No              | 63.1                             | No                                    | No                              |
| 420 B        | 66.0                                 | 62.5                        | No              | 62.8                             | No                                    | No                              |
| <b>421 B</b> | 66.0                                 | <b>66.1</b>                 | Yes             | 65.9                             | No                                    | No                              |
| <b>422 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | <b>66.8</b>                      | No                                    | Yes                             |
| 427 B        | 66.0                                 | 61.7                        | No              | 62.0                             | No                                    | No                              |
| 432 B        | 66.0                                 | 63.3                        | No              | 64.0                             | No                                    | No                              |
| <b>435 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | <b>66.2</b>                      | No                                    | Yes                             |
| <b>436 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>67.0</b>                      | No                                    | Yes                             |
| 437 B        | 66.0                                 | 64.3                        | No              | 64.9                             | No                                    | No                              |
| 439 B        | 66.0                                 | 63.8                        | No              | 64.5                             | No                                    | No                              |
| 442 B        | 66.0                                 | 63.0                        | No              | 63.4                             | No                                    | No                              |
| <b>445 B</b> | 66.0                                 | <b>66.9</b>                 | Yes             | <b>66.7</b>                      | No                                    | Yes                             |
| <b>446 B</b> | 66.0                                 | <b>67.3</b>                 | Yes             | <b>67.2</b>                      | No                                    | Yes                             |
| <b>447 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | <b>67.0</b>                      | No                                    | Yes                             |
| 461 B        | 66.0                                 | 63.9                        | No              | 63.8                             | No                                    | No                              |
| <b>463 B</b> | 66.0                                 | <b>67.7</b>                 | Yes             | <b>67.5</b>                      | No                                    | Yes                             |
| <b>466 B</b> | 66.0                                 | <b>67.6</b>                 | Yes             | <b>67.4</b>                      | No                                    | Yes                             |
| 470 B        | 66.0                                 | 63.6                        | No              | 63.8                             | No                                    | No                              |
| 471 B        | 66.0                                 | 64.1                        | No              | 64.7                             | No                                    | No                              |
| 473 B        | 66.0                                 | 64.8                        | No              | 65.2                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 474 B        | 66.0                                 | 62.4                        | No              | 62.3                             | No                                    | No                              |
| <b>475 B</b> | 66.0                                 | 65.8                        | No              | <b>66.1</b>                      | No                                    | Yes                             |
| 478 B        | 66.0                                 | 63.8                        | No              | 64.1                             | No                                    | No                              |
| 480 B        | 66.0                                 | 64.4                        | No              | 64.5                             | No                                    | No                              |
| 483 B        | 66.0                                 | 64.1                        | No              | 64.0                             | No                                    | No                              |
| <b>485 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>67.8</b>                      | No                                    | Yes                             |
| <b>486 B</b> | 66.0                                 | <b>68.1</b>                 | Yes             | <b>67.9</b>                      | No                                    | Yes                             |
| <b>488 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>66.6</b>                      | No                                    | Yes                             |
| 490 B        | 66.0                                 | 64.1                        | No              | 64.0                             | No                                    | No                              |
| <b>491 B</b> | 66.0                                 | <b>66.0</b>                 | Yes             | <b>66.9</b>                      | No                                    | Yes                             |
| <b>492 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>67.8</b>                      | No                                    | Yes                             |
| <b>500 B</b> | 66.0                                 | <b>68.7</b>                 | Yes             | <b>67.8</b>                      | No                                    | Yes                             |
| <b>501 B</b> | 66.0                                 | <b>67.3</b>                 | Yes             | <b>67.0</b>                      | No                                    | Yes                             |
| <b>502 B</b> | 66.0                                 | <b>66.8</b>                 | Yes             | <b>66.6</b>                      | No                                    | Yes                             |
| 505 B        | 66.0                                 | 63.3                        | No              | 61.8                             | No                                    | No                              |
| 506 B        | 66.0                                 | 63.9                        | No              | 62.8                             | No                                    | No                              |
| <b>507 B</b> | 66.0                                 | <b>66.8</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| 508 B        | 66.0                                 | 65.5                        | No              | 64.8                             | No                                    | No                              |
| 509 B        | 66.0                                 | 64.5                        | No              | 63.5                             | No                                    | No                              |
| <b>510 B</b> | 66.0                                 | <b>68.2</b>                 | Yes             | <b>67.5</b>                      | No                                    | Yes                             |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 511 B        | 66.0                                 | 62.3                        | No              | 61.1                             | No                                    | No                              |
| <b>534 B</b> | 66.0                                 | <b>67.3</b>                 | Yes             | <b>67.5</b>                      | No                                    | Yes                             |
| 537 B        | 66.0                                 | 64.4                        | No              | 65.4                             | No                                    | No                              |
| <b>546 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>68.8</b>                      | No                                    | Yes                             |
| 548 B        | 66.0                                 | 64.9                        | No              | 65.9                             | No                                    | No                              |
| <b>553 B</b> | 66.0                                 | 65.1                        | No              | <b>66.2</b>                      | No                                    | Yes                             |
| <b>554 B</b> | 66.0                                 | <b>66.2</b>                 | Yes             | <b>68.4</b>                      | No                                    | Yes                             |
| <b>559 B</b> | 66.0                                 | 65.6                        | No              | <b>66.6</b>                      | No                                    | Yes                             |
| <b>563 B</b> | 66.0                                 | 65.7                        | No              | <b>67.9</b>                      | No                                    | Yes                             |
| 569 B        | 66.0                                 | 65.0                        | No              | 65.9                             | No                                    | No                              |
| <b>571 B</b> | 66.0                                 | 65.2                        | No              | <b>67.3</b>                      | No                                    | Yes                             |
| <b>575 B</b> | 66.0                                 | 65.3                        | No              | <b>66.1</b>                      | No                                    | Yes                             |
| <b>578 B</b> | 66.0                                 | 64.4                        | No              | <b>66.5</b>                      | No                                    | Yes                             |
| <b>579 B</b> | 66.0                                 | 65.5                        | No              | <b>66.3</b>                      | No                                    | Yes                             |
| <b>580 B</b> | 66.0                                 | 64.1                        | No              | <b>66.1</b>                      | No                                    | Yes                             |
| <b>581 B</b> | 66.0                                 | 65.9                        | No              | <b>66.7</b>                      | No                                    | Yes                             |
| <b>582 B</b> | 66.0                                 | <b>66.2</b>                 | Yes             | <b>66.9</b>                      | No                                    | Yes                             |
| 583 B        | 66.0                                 | 63.4                        | No              | 65.4                             | No                                    | No                              |
| 584 B        | 66.0                                 | 63.0                        | No              | 64.9                             | No                                    | No                              |
| 585 B        | 66.0                                 | 62.6                        | No              | 64.6                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 586 B     | 66.0                                 | 61.7                        | No              | 63.7                             | No                                    | No                              |
| 587 B     | 66.0                                 | 60.9                        | No              | 62.8                             | No                                    | No                              |
| 588 B     | 66.0                                 | 60.0                        | No              | 61.9                             | No                                    | No                              |
| 590 B     | 66.0                                 | 58.9                        | No              | 60.3                             | No                                    | No                              |
| 591 B     | 66.0                                 | 62.0                        | No              | 63.9                             | No                                    | No                              |
| 592 B     | 66.0                                 | 61.4                        | No              | 63.3                             | No                                    | No                              |
| 593 B     | 66.0                                 | 60.7                        | No              | 62.6                             | No                                    | No                              |
| 594 B     | 66.0                                 | 59.5                        | No              | 61.1                             | No                                    | No                              |
| 595 B     | 66.0                                 | 62.4                        | No              | 64.4                             | No                                    | No                              |
| 596 B     | 66.0                                 | 60.1                        | No              | 61.8                             | No                                    | No                              |
| 597 B     | 66.0                                 | 62.5                        | No              | 64.5                             | No                                    | No                              |
| 598 B     | 66.0                                 | 59.3                        | No              | 60.8                             | No                                    | No                              |
| 599 B     | 66.0                                 | 60.2                        | No              | 61.8                             | No                                    | No                              |
| 600 B     | 66.0                                 | 61.9                        | No              | 63.8                             | No                                    | No                              |
| 601 B     | 66.0                                 | 59.6                        | No              | 61.2                             | No                                    | No                              |
| 602 B     | 66.0                                 | 58.7                        | No              | 60.1                             | No                                    | No                              |
| 603 B     | 66.0                                 | 61.8                        | No              | 63.6                             | No                                    | No                              |
| 604 B     | 66.0                                 | 59.9                        | No              | 61.5                             | No                                    | No                              |
| 605 B     | 66.0                                 | 59.8                        | No              | 61.3                             | No                                    | No                              |
| 606 B     | 66.0                                 | 60.3                        | No              | 61.8                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 607 B        | 66.0                                 | 58.7                        | No              | 60.0                             | No                                    | No                              |
| 608 B        | 66.0                                 | 59.7                        | No              | 61.0                             | No                                    | No                              |
| 609 B        | 66.0                                 | 60.0                        | No              | 61.2                             | No                                    | No                              |
| 610 B        | 66.0                                 | 60.0                        | No              | 61.3                             | No                                    | No                              |
| 611 B        | 66.0                                 | 59.7                        | No              | 60.8                             | No                                    | No                              |
| 612 B        | 66.0                                 | 59.3                        | No              | 60.4                             | No                                    | No                              |
| <b>615 C</b> | 66.0                                 | <b>69.7</b>                 | Yes             | <b>66.6</b>                      | No                                    | Yes                             |
| 616 C        | 66.0                                 | 59.0                        | No              | 55.2                             | No                                    | No                              |
| <b>621 E</b> | 71.0                                 | <b>72.3</b>                 | Yes             | <b>73.1</b>                      | No                                    | Yes                             |
| 622 E        | 71.0                                 | 68.8                        | No              | 69.1                             | No                                    | No                              |
| 623 E        | 71.0                                 | 67.1                        | No              | 69.0                             | No                                    | No                              |
| 625 E        | 71.0                                 | 69.8                        | No              | 69.9                             | No                                    | No                              |
| <b>632 B</b> | 66.0                                 | <b>66.0</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| 635 B        | 66.0                                 | 63.6                        | No              | 63.5                             | No                                    | No                              |
| 640 B        | 66.0                                 | 59.7                        | No              | 59.1                             | No                                    | No                              |
| 641 B        | 66.0                                 | 63.8                        | No              | 63.0                             | No                                    | No                              |
| <b>642 B</b> | 66.0                                 | <b>68.2</b>                 | Yes             | <b>70.9</b>                      | No                                    | Yes                             |
| <b>643 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | <b>68.6</b>                      | No                                    | Yes                             |
| 644 B        | 66.0                                 | 65.3                        | No              | <b>67.5</b>                      | No                                    | Yes                             |
| 645 B        | 66.0                                 | 63.4                        | No              | 63.7                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 646 B     | 66.0                                 | 64.4                        | No              | 64.6                             | No                                    | No                              |
| 647 B     | 66.0                                 | 62.9                        | No              | 63.1                             | No                                    | No                              |
| 648 B     | 66.0                                 | 63.9                        | No              | 64.1                             | No                                    | No                              |
| 649 B     | 66.0                                 | 65.0                        | No              | 65.1                             | No                                    | No                              |
| 650 B     | 66.0                                 | 60.8                        | No              | 61.1                             | No                                    | No                              |
| 651 B     | 66.0                                 | 61.2                        | No              | 61.5                             | No                                    | No                              |
| 652 B     | 66.0                                 | 60.5                        | No              | 60.7                             | No                                    | No                              |
| 653 B     | 66.0                                 | 60.2                        | No              | 60.4                             | No                                    | No                              |
| 654 B     | 66.0                                 | 60.5                        | No              | 60.5                             | No                                    | No                              |
| 655 B     | 66.0                                 | 60.5                        | No              | 60.5                             | No                                    | No                              |
| 656 B     | 66.0                                 | 64.7                        | No              | 64.6                             | No                                    | No                              |
| 657 B     | 66.0                                 | 64.0                        | No              | 63.9                             | No                                    | No                              |
| 658 B     | 66.0                                 | 62.8                        | No              | 62.8                             | No                                    | No                              |
| 659 B     | 66.0                                 | 60.8                        | No              | 60.8                             | No                                    | No                              |
| 660 B     | 66.0                                 | 63.2                        | No              | 63.1                             | No                                    | No                              |
| 661 B     | 66.0                                 | 64.8                        | No              | 64.6                             | No                                    | No                              |
| 662 B     | 66.0                                 | 63.7                        | No              | 63.6                             | No                                    | No                              |
| 663 B     | 66.0                                 | 60.9                        | No              | 60.9                             | No                                    | No                              |
| 664 B     | 66.0                                 | 65.2                        | No              | 64.9                             | No                                    | No                              |
| 665 B     | 66.0                                 | 63.8                        | No              | 63.6                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 666 B        | 66.0                                 | 65.3                        | No              | 64.9                             | No                                    | No                              |
| 667 B        | 66.0                                 | 61.5                        | No              | 61.4                             | No                                    | No                              |
| 668 B        | 66.0                                 | 65.8                        | No              | 65.4                             | No                                    | No                              |
| 669 B        | 66.0                                 | 61.6                        | No              | 61.5                             | No                                    | No                              |
| 670 B        | 66.0                                 | 64.6                        | No              | 64.2                             | No                                    | No                              |
| <b>671 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 65.9                             | No                                    | No                              |
| <b>672 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>66.4</b>                      | No                                    | Yes                             |
| 673 B        | 66.0                                 | 62.0                        | No              | 61.9                             | No                                    | No                              |
| <b>674 B</b> | 66.0                                 | <b>67.7</b>                 | Yes             | <b>67.1</b>                      | No                                    | Yes                             |
| 675 B        | 66.0                                 | 62.2                        | No              | 62                               | No                                    | No                              |
| 676 B        | 66.0                                 | 63.1                        | No              | 62.9                             | No                                    | No                              |
| 677 B        | 66.0                                 | 63.3                        | No              | 63.1                             | No                                    | No                              |
| 678 B        | 66.0                                 | 64.9                        | No              | 64.5                             | No                                    | No                              |
| 679 B        | 66.0                                 | 65.4                        | No              | 64.9                             | No                                    | No                              |
| 680 B        | 66.0                                 | 65.1                        | No              | 64.6                             | No                                    | No                              |
| 681 B        | 66.0                                 | 63.8                        | No              | 63.6                             | No                                    | No                              |
| 682 B        | 66.0                                 | 65.9                        | No              | 65.3                             | No                                    | No                              |
| 683 B        | 66.0                                 | 65.7                        | No              | 65.2                             | No                                    | No                              |
| 684 B        | 66.0                                 | 65.9                        | No              | 65.3                             | No                                    | No                              |
| <b>685 B</b> | 66.0                                 | <b>66.3</b>                 | Yes             | 65.7                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 686 B     | 66.0                                 | 66.7                        | Yes             | 65.9                             | No                                    | No                              |
| 687 B     | 66.0                                 | 67.0                        | Yes             | 66.1                             | No                                    | Yes                             |
| 688 B     | 66.0                                 | 64.2                        | No              | 64.1                             | No                                    | No                              |
| 689 B     | 66.0                                 | 67.7                        | Yes             | 66.7                             | No                                    | Yes                             |
| 690 B     | 66.0                                 | 69.2                        | Yes             | 68.2                             | No                                    | Yes                             |
| 691 B     | 66.0                                 | 69.6                        | Yes             | 68.7                             | No                                    | Yes                             |
| 692 B     | 66.0                                 | 70.6                        | Yes             | 69.7                             | No                                    | Yes                             |
| 693 B     | 66.0                                 | 71.8                        | Yes             | 70.9                             | No                                    | Yes                             |
| 694 B     | 66.0                                 | 68.7                        | Yes             | 69.5                             | No                                    | Yes                             |
| 695 B     | 66.0                                 | 71.2                        | Yes             | 71.9                             | No                                    | Yes                             |
| 696 B     | 66.0                                 | 67.8                        | Yes             | 68.8                             | No                                    | Yes                             |
| 697 B     | 66.0                                 | 69.6                        | Yes             | 70.3                             | No                                    | Yes                             |
| 698 B     | 66.0                                 | 71.1                        | Yes             | 71.7                             | No                                    | Yes                             |
| 699 B     | 66.0                                 | 70.9                        | Yes             | 71.1                             | No                                    | Yes                             |
| 700 B     | 66.0                                 | 67.9                        | Yes             | 68.5                             | No                                    | Yes                             |
| 701 B     | 66.0                                 | 66.1                        | Yes             | 67.0                             | No                                    | Yes                             |
| 702 B     | 66.0                                 | 68.4                        | Yes             | 68.8                             | No                                    | Yes                             |
| 704 B     | 66.0                                 | 64.9                        | No              | 65.7                             | No                                    | No                              |
| 707 B     | 66.0                                 | 64.4                        | No              | 64.9                             | No                                    | No                              |
| 721 B     | 66.0                                 | 61.8                        | No              | 61.5                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 722 B        | 66.0                                 | 59.0                        | No              | 57.9                             | No                                    | No                              |
| <b>723 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>67.7</b>                      | No                                    | Yes                             |
| <b>724 B</b> | 66.0                                 | 65.7                        | No              | <b>67.0</b>                      | No                                    | Yes                             |
| 725 B        | 66.0                                 | 64.5                        | No              | 65.4                             | No                                    | No                              |
| <b>745 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 65.7                             | No                                    | No                              |
| <b>746 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | 65.5                             | No                                    | No                              |
| <b>747 B</b> | 66.0                                 | <b>66.9</b>                 | Yes             | <b>66.3</b>                      | No                                    | Yes                             |
| <b>748 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | <b>66.1</b>                      | No                                    | Yes                             |
| <b>749 B</b> | 66.0                                 | <b>66.8</b>                 | Yes             | <b>66.2</b>                      | No                                    | Yes                             |
| <b>750 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| <b>751 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | <b>66.2</b>                      | No                                    | Yes                             |
| <b>752 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 65.9                             | No                                    | No                              |
| 756 B        | 66.0                                 | 63.2                        | No              | 64.1                             | No                                    | No                              |
| <b>758 B</b> | 66.0                                 | <b>69.9</b>                 | Yes             | <b>70.0</b>                      | No                                    | Yes                             |
| <b>761 B</b> | 66.0                                 | <b>67.9</b>                 | Yes             | <b>69.3</b>                      | No                                    | Yes                             |
| 762 B        | 66.0                                 | 62.4                        | No              | 63.4                             | No                                    | No                              |
| 764 B        | 66.0                                 | 65.7                        | No              | 65.6                             | No                                    | No                              |
| 765 B        | 66.0                                 | 63.5                        | No              | 63.5                             | No                                    | No                              |
| 766 B        | 66.0                                 | 64.4                        | No              | 64.1                             | No                                    | No                              |
| 767 B        | 66.0                                 | 62.7                        | No              | 62.4                             | No                                    | No                              |



**Table C-1 Summary of Existing and Alternative 4 Noise Levels**

| MAP LABEL          | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 4 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|                    |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 769 B <sup>1</sup> | 66.0                                 | 60.6                        | No              | 62.9                             | No                                    | No                              |
| <b>771 B</b>       | 66.0                                 | <b>67.1</b>                 | Yes             | <b>67.1</b>                      | No                                    | Yes                             |
| 772 B              | 66.0                                 | 62.8                        | No              | 64.7                             | No                                    | No                              |
| 773 B              | 66.0                                 | 59.9                        | No              | 61.6                             | No                                    | No                              |
| 774 D <sup>2</sup> | 51                                   | 32.0                        | No              | 31.5                             | No                                    | No                              |
| 775 B              | 66.0                                 | 64.6                        | No              | 64                               | No                                    | No                              |
| 776 B              | 66.0                                 | 64.8                        | No              | 64.3                             | No                                    | No                              |
| 777 B              | 66.0                                 | 64.6                        | No              | 63.8                             | No                                    | No                              |

<sup>1</sup> The existing noise level for Receptor 769 is an average value calculated from 16 corresponding receptors.

<sup>2</sup> Receptors with a D suffix represent the interiors of structures. Masonry buildings with double-glazed glass windows generally provide a noise reduction of approximately 35 dBA. Therefore, the interior noise levels for these buildings were estimated to be 35 dBA less than the exterior noise levels calculated by TNM.



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 2 B          | 66.0                                 | 64.6                        | No              | 62.7                             | No                                    | No                              |
| 4 C          | 66.0                                 | 58.0                        | No              | 65.8                             | No                                    | No                              |
| 5 C          | 66.0                                 | 53.8                        | No              | 55.5                             | No                                    | No                              |
| 6 C          | 66.0                                 | 54.7                        | No              | 56.3                             | No                                    | No                              |
| 7 C          | 66.0                                 | 54.8                        | No              | 54.5                             | No                                    | No                              |
| 8 C          | 66.0                                 | 55.2                        | No              | 56.4                             | No                                    | No                              |
| 9 C          | 66.0                                 | 55.3                        | No              | 56.4                             | No                                    | No                              |
| 10 C         | 66.0                                 | 55.1                        | No              | 56.2                             | No                                    | No                              |
| 11 C         | 66.0                                 | 54.9                        | No              | 55.6                             | No                                    | No                              |
| 12 C         | 66.0                                 | 54.2                        | No              | 54.7                             | No                                    | No                              |
| 13 C         | 66.0                                 | 54.5                        | No              | 54.5                             | No                                    | No                              |
| 14 C         | 66.0                                 | 54.8                        | No              | 55.0                             | No                                    | No                              |
| 15 C         | 66.0                                 | 54.8                        | No              | 54.9                             | No                                    | No                              |
| 16 C         | 66.0                                 | 54.7                        | No              | 54.9                             | No                                    | No                              |
| 17 C         | 66.0                                 | 53.8                        | No              | 53.5                             | No                                    | No                              |
| 18 C         | 66.0                                 | 54.6                        | No              | 54.4                             | No                                    | No                              |
| 19 C         | 66.0                                 | 54.2                        | No              | 54.0                             | No                                    | No                              |
| <b>187 B</b> | 66.0                                 | <b>68.1</b>                 | Yes             | <b>67.5</b>                      | No                                    | Yes                             |
| <b>189 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>67.3</b>                      | No                                    | Yes                             |
| <b>190 B</b> | 66.0                                 | <b>67.4</b>                 | Yes             | <b>66.5</b>                      | No                                    | Yes                             |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 229 B        | 66.0                                 | 60.9                        | No              | 60.6                             | No                                    | No                              |
| <b>230 B</b> | 66.0                                 | <b>66.0</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| 231 B        | 66.0                                 | 62.3                        | No              | 62.2                             | No                                    | No                              |
| 232 B        | 66.0                                 | 60.1                        | No              | 59.8                             | No                                    | No                              |
| 233 B        | 66.0                                 | 60.7                        | No              | 60.4                             | No                                    | No                              |
| 234 B        | 66.0                                 | 61.1                        | No              | 60.8                             | No                                    | No                              |
| 235 B        | 66.0                                 | 64.4                        | No              | 64.3                             | No                                    | No                              |
| 236 B        | 66.0                                 | 63.8                        | No              | 63.6                             | No                                    | No                              |
| 237 B        | 66.0                                 | 59.7                        | No              | 59.2                             | No                                    | No                              |
| 238 B        | 66.0                                 | 62.2                        | No              | 62.1                             | No                                    | No                              |
| <b>239 B</b> | 66.0                                 | <b>72.7</b>                 | Yes             | <b>72.9</b>                      | No                                    | Yes                             |
| 240 B        | 66.0                                 | 61.0                        | No              | 60.7                             | No                                    | No                              |
| 241 B        | 66.0                                 | 63.8                        | No              | 63.7                             | No                                    | No                              |
| 242 B        | 66.0                                 | 59.3                        | No              | 58.7                             | No                                    | No                              |
| 243 B        | 66.0                                 | 62.2                        | No              | 62.1                             | No                                    | No                              |
| 244 B        | 66.0                                 | 63.6                        | No              | 63.5                             | No                                    | No                              |
| <b>245 B</b> | 66.0                                 | <b>67.2</b>                 | Yes             | <b>67.1</b>                      | No                                    | Yes                             |
| 246 B        | 66.0                                 | 65.9                        | No              | 65.6                             | No                                    | No                              |
| <b>247 B</b> | 66.0                                 | <b>69.1</b>                 | Yes             | <b>69.1</b>                      | No                                    | Yes                             |
| <b>248 B</b> | 66.0                                 | <b>71.2</b>                 | Yes             | <b>71.4</b>                      | No                                    | Yes                             |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 249 B        | 66.0                                 | 60.2                        | No              | 59.8                             | No                                    | No                              |
| 250 B        | 66.0                                 | 59.5                        | No              | 58.9                             | No                                    | No                              |
| 251 B        | 66.0                                 | 59.1                        | No              | 58.4                             | No                                    | No                              |
| 252 B        | 66.0                                 | 60.8                        | No              | 60.5                             | No                                    | No                              |
| 253 B        | 66.0                                 | 63.0                        | No              | 62.8                             | No                                    | No                              |
| 254 B        | 66.0                                 | 58.4                        | No              | 57.6                             | No                                    | No                              |
| 255 B        | 66.0                                 | 64.2                        | No              | 63.7                             | No                                    | No                              |
| <b>256 B</b> | 66.0                                 | <b>70.2</b>                 | Yes             | <b>70.2</b>                      | No                                    | Yes                             |
| <b>257 B</b> | 66.0                                 | <b>69.0</b>                 | Yes             | <b>69.1</b>                      | No                                    | Yes                             |
| 258 B        | 66.0                                 | 58.0                        | No              | 56.9                             | No                                    | No                              |
| 264 B        | 66.0                                 | 63.4                        | No              | 63.0                             | No                                    | No                              |
| 265 B        | 66.0                                 | 59.6                        | No              | 59.0                             | No                                    | No                              |
| 266 B        | 66.0                                 | 64.3                        | No              | 63.9                             | No                                    | No                              |
| 270 B        | 66.0                                 | 58.6                        | No              | 57.6                             | No                                    | No                              |
| <b>271 B</b> | 66.0                                 | <b>72.3</b>                 | Yes             | <b>72.5</b>                      | No                                    | Yes                             |
| <b>272 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | <b>66.4</b>                      | No                                    | Yes                             |
| 273 B        | 66.0                                 | 58.8                        | No              | 57.9                             | No                                    | No                              |
| 274 B        | 66.0                                 | 60.8                        | No              | 60.2                             | No                                    | No                              |
| 276 B        | 66.0                                 | 60.2                        | No              | 59.4                             | No                                    | No                              |
| <b>277 B</b> | 66.0                                 | <b>71.3</b>                 | Yes             | <b>71.5</b>                      | No                                    | Yes                             |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>278 B</b> | 66.0                                 | <b>67.4</b>                 | Yes             | <b>67.4</b>                      | No                                    | Yes                             |
| 279 B        | 66.0                                 | 60.7                        | No              | 59.9                             | No                                    | No                              |
| 280 B        | 66.0                                 | 57.9                        | No              | 56.3                             | No                                    | No                              |
| 281 B        | 66.0                                 | 60.1                        | No              | 59.3                             | No                                    | No                              |
| 282 B        | 66.0                                 | 62.9                        | No              | 62.4                             | No                                    | No                              |
| 283 B        | 66.0                                 | 63.5                        | No              | 63.0                             | No                                    | No                              |
| <b>284 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>66.5</b>                      | No                                    | Yes                             |
| <b>286 B</b> | 66.0                                 | <b>68.8</b>                 | Yes             | <b>68.7</b>                      | No                                    | Yes                             |
| 287 B        | 66.0                                 | 62.4                        | No              | 61.6                             | No                                    | No                              |
| 288 B        | 66.0                                 | 58.2                        | No              | 56.0                             | No                                    | No                              |
| 290 B        | 66.0                                 | 65.9                        | No              | 65.6                             | No                                    | No                              |
| 291 B        | 66.0                                 | 59.7                        | No              | 58.2                             | No                                    | No                              |
| <b>293 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>67.6</b>                      | No                                    | Yes                             |
| 297 B        | 66.0                                 | 60.8                        | No              | 59.3                             | No                                    | No                              |
| 299 B        | 66.0                                 | 59.3                        | No              | 57.2                             | No                                    | No                              |
| 300 B        | 66.0                                 | 58.6                        | No              | 55.5                             | No                                    | No                              |
| 303 B        | 66.0                                 | 62.8                        | No              | 61.7                             | No                                    | No                              |
| 304 B        | 66.0                                 | 59.0                        | No              | 55.9                             | No                                    | No                              |
| 305 B        | 66.0                                 | 63.7                        | No              | 62.8                             | No                                    | No                              |
| 306 B        | 66.0                                 | 59.3                        | No              | 56.3                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 307 B        | 66.0                                 | 60.3                        | No              | 58.1                             | No                                    | No                              |
| <b>308 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>67.4</b>                      | No                                    | Yes                             |
| <b>309 B</b> | 66.0                                 | <b>69.6</b>                 | Yes             | <b>69.2</b>                      | No                                    | Yes                             |
| 310 B        | 66.0                                 | 62.3                        | No              | 60.5                             | No                                    | No                              |
| <b>311 B</b> | 66.0                                 | <b>71.1</b>                 | Yes             | <b>70.8</b>                      | No                                    | Yes                             |
| 312 B        | 66.0                                 | 61.5                        | No              | 59.0                             | No                                    | No                              |
| 313 B        | 66.0                                 | 65.2                        | No              | 64.3                             | No                                    | No                              |
| <b>314 B</b> | 66.0                                 | <b>67.2</b>                 | Yes             | <b>66.4</b>                      | No                                    | Yes                             |
| 315 B        | 66.0                                 | 64.3                        | No              | 59.9                             | No                                    | No                              |
| 320 B        | 66.0                                 | 62.4                        | No              | 59.2                             | No                                    | No                              |
| 322 B        | 66.0                                 | 63.0                        | No              | 60.4                             | No                                    | No                              |
| 330 B        | 66.0                                 | 65.7                        | No              | 64.5                             | No                                    | No                              |
| <b>332 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | 65.0                             | No                                    | No                              |
| <b>333 B</b> | 66.0                                 | <b>67.6</b>                 | Yes             | 65.7                             | No                                    | No                              |
| 334 B        | 66.0                                 | 60.6                        | No              | 58.8                             | No                                    | No                              |
| 337 B        | 66.0                                 | 65.3                        | No              | 63.5                             | No                                    | No                              |
| <b>338 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | 64.5                             | No                                    | No                              |
| 342 B        | 66.0                                 | 65.9                        | No              | 64.0                             | No                                    | No                              |
| 343 B        | 66.0                                 | 64.5                        | No              | 62.9                             | No                                    | No                              |
| 351 B        | 66.0                                 | 63.6                        | No              | 62.2                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 355 B        | 66.0                                 | 64.5                        | No              | 62.9                             | No                                    | No                              |
| 356 B        | 66.0                                 | 58.8                        | No              | 57.2                             | No                                    | No                              |
| <b>357 B</b> | 66.0                                 | <b>69.0</b>                 | Yes             | <b>66.2</b>                      | No                                    | Yes                             |
| 358 B        | 66.0                                 | 62.1                        | No              | 61.8                             | No                                    | No                              |
| 359 B        | 66.0                                 | 61.3                        | No              | 61.2                             | No                                    | No                              |
| 360 B        | 66.0                                 | 62.2                        | No              | 61.9                             | No                                    | No                              |
| 361 B        | 66.0                                 | 61.5                        | No              | 61.6                             | No                                    | No                              |
| 362 B        | 66.0                                 | 62.3                        | No              | 60.8                             | No                                    | No                              |
| <b>363 B</b> | 66.0                                 | <b>75.3</b>                 | Yes             | <b>76.5</b>                      | No                                    | Yes                             |
| 364 B        | 66.0                                 | 63.4                        | No              | 63.3                             | No                                    | No                              |
| <b>365 B</b> | 66.0                                 | <b>69.5</b>                 | Yes             | <b>67.5</b>                      | No                                    | Yes                             |
| 366 B        | 66.0                                 | 62.7                        | No              | 62.7                             | No                                    | No                              |
| 367 B        | 66.0                                 | 61.6                        | No              | 61.8                             | No                                    | No                              |
| 368 B        | 66.0                                 | 62.9                        | No              | 61.9                             | No                                    | No                              |
| 369 B        | 66.0                                 | 64.0                        | No              | 63.3                             | No                                    | No                              |
| <b>370 B</b> | 66.0                                 | <b>76.1</b>                 | Yes             | <b>77.4</b>                      | No                                    | Yes                             |
| 371 B        | 66.0                                 | 59.7                        | No              | 60.0                             | No                                    | No                              |
| <b>372 B</b> | 66.0                                 | <b>70.5</b>                 | Yes             | <b>68.7</b>                      | No                                    | Yes                             |
| <b>373 B</b> | 66.0                                 | <b>74.0</b>                 | Yes             | <b>75.5</b>                      | No                                    | Yes                             |
| <b>374 B</b> | 66.0                                 | <b>70.2</b>                 | Yes             | <b>71.1</b>                      | No                                    | Yes                             |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>375 B</b> | 66.0                                 | <b>76.0</b>                 | Yes             | <b>77.5</b>                      | No                                    | Yes                             |
| 376 B        | 66.0                                 | 60.5                        | No              | 61.0                             | No                                    | No                              |
| 377 B        | 66.0                                 | 63.7                        | No              | 63.8                             | No                                    | No                              |
| 378 B        | 66.0                                 | 63.7                        | No              | 63.8                             | No                                    | No                              |
| 379 B        | 66.0                                 | 60.8                        | No              | 61.4                             | No                                    | No                              |
| 380 B        | 66.0                                 | 64.1                        | No              | 64.3                             | No                                    | No                              |
| 381 B        | 66.0                                 | 64.0                        | No              | 64.2                             | No                                    | No                              |
| <b>382 B</b> | 66.0                                 | <b>75.4</b>                 | Yes             | <b>77.1</b>                      | No                                    | Yes                             |
| 383 B        | 66.0                                 | 61.2                        | No              | 61.8                             | No                                    | No                              |
| 384 B        | 66.0                                 | 64.4                        | No              | 64.7                             | No                                    | No                              |
| 385 B        | 66.0                                 | 64.6                        | No              | 64.7                             | No                                    | No                              |
| 386 B        | 66.0                                 | 61.5                        | No              | 62.1                             | No                                    | No                              |
| <b>387 B</b> | 66.0                                 | <b>75.1</b>                 | Yes             | <b>76.8</b>                      | No                                    | Yes                             |
| 388 B        | 66.0                                 | 64.8                        | No              | 65.2                             | No                                    | No                              |
| 389 B        | 66.0                                 | 64.9                        | No              | 65.2                             | No                                    | No                              |
| 390 B        | 66.0                                 | 65.2                        | No              | 65.6                             | No                                    | No                              |
| 391 B        | 66.0                                 | 65.4                        | No              | 65.7                             | No                                    | No                              |
| 392 B        | 66.0                                 | 56.2                        | No              | 54.1                             | No                                    | No                              |
| 393 B        | 66.0                                 | 54.9                        | No              | 54.3                             | No                                    | No                              |
| <b>394 B</b> | 66.0                                 | 65.8                        | No              | <b>66.1</b>                      | No                                    | Yes                             |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 395 B        | 66.0                                 | 55.9                        | No              | 54.5                             | No                                    | No                              |
| <b>396 B</b> | 66.0                                 | 65.6                        | No              | <b>66.1</b>                      | No                                    | Yes                             |
| 397 B        | 66.0                                 | 56.5                        | No              | 55.6                             | No                                    | No                              |
| 398 B        | 66.0                                 | 54.0                        | No              | 53.7                             | No                                    | No                              |
| 399 B        | 66.0                                 | 54.1                        | No              | 53.8                             | No                                    | No                              |
| 400 B        | 66.0                                 | 55.4                        | No              | 54.7                             | No                                    | No                              |
| <b>401 B</b> | 66.0                                 | 64.0                        | No              | <b>66.2</b>                      | No                                    | Yes                             |
| 402 B        | 66.0                                 | 54.6                        | No              | 54.4                             | No                                    | No                              |
| 403 B        | 66.0                                 | 58.4                        | No              | 58.6                             | No                                    | No                              |
| 404 B        | 66.0                                 | 60.9                        | No              | 61.6                             | No                                    | No                              |
| 405 B        | 66.0                                 | 57.1                        | No              | 56.6                             | No                                    | No                              |
| 406 B        | 66.0                                 | 61.2                        | No              | 63.1                             | No                                    | No                              |
| 407 B        | 66.0                                 | 54.3                        | No              | 54.3                             | No                                    | No                              |
| 408 B        | 66.0                                 | 57.3                        | No              | 57.1                             | No                                    | No                              |
| 409 B        | 66.0                                 | 54.6                        | No              | 54.4                             | No                                    | No                              |
| <b>410 B</b> | 66.0                                 | 65.7                        | No              | <b>66.3</b>                      | No                                    | Yes                             |
| <b>411 B</b> | 66.0                                 | <b>66.3</b>                 | Yes             | <b>66.6</b>                      | No                                    | Yes                             |
| <b>412 B</b> | 66.0                                 | 64.3                        | No              | <b>66.9</b>                      | No                                    | Yes                             |
| 413 B        | 66.0                                 | 57.8                        | No              | 58.0                             | No                                    | No                              |
| 414 B        | 66.0                                 | 56.4                        | No              | 55.6                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 415 B        | 66.0                                 | 55.5                        | No              | 55.8                             | No                                    | No                              |
| 416 B        | 66.0                                 | 61.8                        | No              | 63.2                             | No                                    | No                              |
| 417 B        | 66.0                                 | 60.2                        | No              | 60.9                             | No                                    | No                              |
| 418 B        | 66.0                                 | 63.8                        | No              | 64.4                             | No                                    | No                              |
| 419 B        | 66.0                                 | 63.0                        | No              | 63.6                             | No                                    | No                              |
| 420 B        | 66.0                                 | 62.5                        | No              | 63.2                             | No                                    | No                              |
| <b>421 B</b> | 66.0                                 | <b>66.1</b>                 | Yes             | <b>66.8</b>                      | No                                    | Yes                             |
| <b>422 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | <b>67.1</b>                      | No                                    | Yes                             |
| 423 B        | 66.0                                 | 54.7                        | No              | 55.3                             | No                                    | No                              |
| 424 B        | 66.0                                 | 57.2                        | No              | 57.4                             | No                                    | No                              |
| 425 B        | 66.0                                 | 60.5                        | No              | 62.1                             | No                                    | No                              |
| 426 B        | 66.0                                 | 54.3                        | No              | 55.2                             | No                                    | No                              |
| 427 B        | 66.0                                 | 61.7                        | No              | 62.4                             | No                                    | No                              |
| 428 B        | 66.0                                 | 55.4                        | No              | 55.7                             | No                                    | No                              |
| 429 B        | 66.0                                 | 56.4                        | No              | 56.4                             | No                                    | No                              |
| 430 B        | 66.0                                 | 55.1                        | No              | 55.5                             | No                                    | No                              |
| 431 B        | 66.0                                 | 54.1                        | No              | 55.3                             | No                                    | No                              |
| 432 B        | 66.0                                 | 63.3                        | No              | 65.5                             | No                                    | No                              |
| 433 B        | 66.0                                 | 58.0                        | No              | 58.7                             | No                                    | No                              |
| 434 B        | 66.0                                 | 59.7                        | No              | 60.6                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| <b>435 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | <b>67.2</b>                      | No                                    | Yes                             |
| <b>436 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>67.4</b>                      | No                                    | Yes                             |
| <b>437 B</b> | 66.0                                 | 64.3                        | No              | <b>67.0</b>                      | No                                    | Yes                             |
| 438 B        | 66.0                                 | 54.8                        | No              | 56.5                             | No                                    | No                              |
| <b>439 B</b> | 66.0                                 | 63.8                        | No              | <b>66.3</b>                      | No                                    | Yes                             |
| 440 B        | 66.0                                 | 60.0                        | No              | 61.8                             | No                                    | No                              |
| 441 B        | 66.0                                 | 57.3                        | No              | 59.0                             | No                                    | No                              |
| 442 B        | 66.0                                 | 63.0                        | No              | 65.4                             | No                                    | No                              |
| 443 B        | 66.0                                 | 55.0                        | No              | 57.3                             | No                                    | No                              |
| 444 B        | 66.0                                 | 57.0                        | No              | 58.4                             | No                                    | No                              |
| <b>445 B</b> | 66.0                                 | <b>66.9</b>                 | Yes             | <b>67.6</b>                      | No                                    | Yes                             |
| <b>446 B</b> | 66.0                                 | <b>67.3</b>                 | Yes             | <b>67.8</b>                      | No                                    | Yes                             |
| 448 B        | 66.0                                 | 55.9                        | No              | 58.9                             | No                                    | No                              |
| 449 B        | 66.0                                 | 57.8                        | No              | 59.8                             | No                                    | No                              |
| 450 B        | 66.0                                 | 60.4                        | No              | 62.8                             | No                                    | No                              |
| 451 B        | 66.0                                 | 59.3                        | No              | 61.5                             | No                                    | No                              |
| 452 B        | 66.0                                 | 57.0                        | No              | 59.8                             | No                                    | No                              |
| 453 B        | 66.0                                 | 59.4                        | No              | 61.8                             | No                                    | No                              |
| 454 B        | 66.0                                 | 56.7                        | No              | 60.9                             | No                                    | No                              |
| 455 B        | 66.0                                 | 57.0                        | No              | 61.5                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 456 B        | 66.0                                 | 61.1                        | No              | 64.0                             | No                                    | No                              |
| 457 B        | 66.0                                 | 57.6                        | No              | 62.7                             | No                                    | No                              |
| 458 B        | 66.0                                 | 55.3                        | No              | 59.5                             | No                                    | No                              |
| 459 B        | 66.0                                 | 55.4                        | No              | 59.9                             | No                                    | No                              |
| 460 B        | 66.0                                 | 56.3                        | No              | 60.7                             | No                                    | No                              |
| 461 B        | 66.0                                 | 63.9                        | No              | 64.6                             | No                                    | No                              |
| 462 B        | 66.0                                 | 58.0                        | No              | 63.8                             | No                                    | No                              |
| <b>463 B</b> | 66.0                                 | <b>67.7</b>                 | Yes             | <b>68.0</b>                      | No                                    | Yes                             |
| 464 B        | 66.0                                 | 56.9                        | No              | 62.1                             | No                                    | No                              |
| 465 B        | 66.0                                 | 59.0                        | No              | 64.5                             | No                                    | No                              |
| <b>466 B</b> | 66.0                                 | <b>67.6</b>                 | Yes             | <b>68.0</b>                      | No                                    | Yes                             |
| 469 B        | 66.0                                 | 57.3                        | No              | 63.4                             | No                                    | No                              |
| 471 B        | 66.0                                 | 64.1                        | No              | 64.7                             | No                                    | No                              |
| 472 B        | 66.0                                 | 58.4                        | No              | 62.7                             | No                                    | No                              |
| <b>474 B</b> | 66.0                                 | 62.4                        | No              | <b>66.1</b>                      | No                                    | Yes                             |
| 476 B        | 66.0                                 | 58.0                        | No              | 63.3                             | No                                    | No                              |
| 477 B        | 66.0                                 | 57.8                        | No              | 64.2                             | No                                    | No                              |
| 478 B        | 66.0                                 | 63.8                        | No              | 64.5                             | No                                    | No                              |
| 479 B        | 66.0                                 | 61.0                        | No              | 65.1                             | No                                    | No                              |
| 480 B        | 66.0                                 | 64.4                        | No              | 65.0                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 481 B        | 66.0                                 | 60.0                        | No              | 64.9                             | No                                    | No                              |
| 482 B        | 66.0                                 | 59.1                        | No              | 64.1                             | No                                    | No                              |
| 483 B        | 66.0                                 | 64.1                        | No              | 64.8                             | No                                    | No                              |
| 484 B        | 66.0                                 | 61.7                        | No              | 62.3                             | No                                    | No                              |
| <b>485 B</b> | 66.0                                 | <b>68.0</b>                 | Yes             | <b>68.1</b>                      | No                                    | Yes                             |
| <b>486 B</b> | 66.0                                 | <b>68.1</b>                 | Yes             | <b>67.8</b>                      | No                                    | Yes                             |
| 487 B        | 66.0                                 | 60.2                        | No              | 65.2                             | No                                    | No                              |
| <b>489 B</b> | 66.0                                 | 61.6                        | No              | <b>66.3</b>                      | No                                    | Yes                             |
| 490 B        | 66.0                                 | 64.1                        | No              | 64.9                             | No                                    | No                              |
| <b>491 B</b> | 66.0                                 | <b>66.0</b>                 | Yes             | <b>66.4</b>                      | No                                    | Yes                             |
| <b>492 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>67.2</b>                      | No                                    | Yes                             |
| <b>493 B</b> | 66.0                                 | <b>70.2</b>                 | Yes             | <b>68.7</b>                      | No                                    | Yes                             |
| <b>494 B</b> | 66.0                                 | 64.9                        | No              | <b>68.0</b>                      | No                                    | Yes                             |
| <b>495 B</b> | 66.0                                 | 65.4                        | No              | <b>67.9</b>                      | No                                    | Yes                             |
| <b>496 B</b> | 66.0                                 | 64.0                        | No              | <b>67.9</b>                      | No                                    | Yes                             |
| 497 B        | 66.0                                 | 64.4                        | No              | 64.8                             | No                                    | No                              |
| 499 B        | 66.0                                 | 61.1                        | No              | 65.7                             | No                                    | No                              |
| <b>500 B</b> | 66.0                                 | <b>68.7</b>                 | Yes             | <b>69.3</b>                      | No                                    | Yes                             |
| <b>501 B</b> | 66.0                                 | <b>67.3</b>                 | Yes             | <b>67.6</b>                      | No                                    | Yes                             |
| <b>502 B</b> | 66.0                                 | <b>66.8</b>                 | Yes             | <b>66.3</b>                      | No                                    | Yes                             |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 503 B        | 66.0                                 | 64.7                        | No              | 63.9                             | No                                    | No                              |
| 504 B        | 66.0                                 | 58.1                        | No              | 64.4                             | No                                    | No                              |
| <b>511 B</b> | 66.0                                 | 62.3                        | No              | <b>68.3</b>                      | No                                    | Yes                             |
| <b>512 B</b> | 66.0                                 | 59.6                        | No              | <b>66.5</b>                      | No                                    | Yes                             |
| 513 B        | 66.0                                 | 64.2                        | No              | 62.0                             | No                                    | No                              |
| 514 B        | 66.0                                 | 56.6                        | No              | 62.7                             | No                                    | No                              |
| 515 B        | 66.0                                 | 58.6                        | No              | 65.5                             | No                                    | No                              |
| 516 B        | 66.0                                 | 63.7                        | No              | 60.7                             | No                                    | No                              |
| 517 B        | 66.0                                 | 58.5                        | No              | 65.2                             | No                                    | No                              |
| 518 B        | 66.0                                 | 60.6                        | No              | 65.9                             | No                                    | No                              |
| 519 B        | 66.0                                 | 60.5                        | No              | 65.5                             | No                                    | No                              |
| 520 B        | 66.0                                 | 63.2                        | No              | 59.3                             | No                                    | No                              |
| 521 B        | 66.0                                 | 59.0                        | No              | 58.9                             | No                                    | No                              |
| 522 B        | 66.0                                 | 63.1                        | No              | 58.2                             | No                                    | No                              |
| 523 B        | 66.0                                 | 59.9                        | No              | 63.1                             | No                                    | No                              |
| 524 B        | 66.0                                 | 57.1                        | No              | 61.3                             | No                                    | No                              |
| 525 B        | 66.0                                 | 64.3                        | No              | 57.5                             | No                                    | No                              |
| 526 B        | 66.0                                 | 63.1                        | No              | 57.4                             | No                                    | No                              |
| 527 B        | 66.0                                 | 58.6                        | No              | 62.0                             | No                                    | No                              |
| 528 B        | 66.0                                 | 57.5                        | No              | 61.2                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 529 B        | 66.0                                 | 56.6                        | No              | 59.9                             | No                                    | No                              |
| 530 B        | 66.0                                 | 62.2                        | No              | 57.0                             | No                                    | No                              |
| 531 B        | 66.0                                 | 60.4                        | No              | 57.1                             | No                                    | No                              |
| 532 B        | 66.0                                 | 61.4                        | No              | 57.0                             | No                                    | No                              |
| 533 B        | 66.0                                 | 60.0                        | No              | 57.4                             | No                                    | No                              |
| <b>534 B</b> | 66.0                                 | <b>67.3</b>                 | Yes             | <b>70.1</b>                      | No                                    | Yes                             |
| 535 B        | 66.0                                 | 59.7                        | No              | 62.4                             | No                                    | No                              |
| 536 B        | 66.0                                 | 60.2                        | No              | 62.3                             | No                                    | No                              |
| 537 B        | 66.0                                 | 64.4                        | No              | 64.8                             | No                                    | No                              |
| 538 B        | 66.0                                 | 58.2                        | No              | 56.7                             | No                                    | No                              |
| 539 B        | 66.0                                 | 55.9                        | No              | 56.8                             | No                                    | No                              |
| 540 B        | 66.0                                 | 59.5                        | No              | 61.7                             | No                                    | No                              |
| 541 B        | 66.0                                 | 56.7                        | No              | 59.0                             | No                                    | No                              |
| 542 B        | 66.0                                 | 56.2                        | No              | 58.5                             | No                                    | No                              |
| 543 B        | 66.0                                 | 57.8                        | No              | 55.6                             | No                                    | No                              |
| 544 B        | 66.0                                 | 59.2                        | No              | 54.6                             | No                                    | No                              |
| 545 B        | 66.0                                 | 56.0                        | No              | 58.1                             | No                                    | No                              |
| <b>546 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>69.9</b>                      | No                                    | Yes                             |
| 547 B        | 66.0                                 | 55.8                        | No              | 55.1                             | No                                    | No                              |
| 548 B        | 66.0                                 | 64.9                        | No              | 65.1                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 549 B        | 66.0                                 | 58.9                        | No              | 60.9                             | No                                    | No                              |
| 550 B        | 66.0                                 | 56.1                        | No              | 57.6                             | No                                    | No                              |
| 551 B        | 66.0                                 | 55.5                        | No              | 57.2                             | No                                    | No                              |
| 552 B        | 66.0                                 | 56.0                        | No              | 57.6                             | No                                    | No                              |
| 553 B        | 66.0                                 | 65.1                        | No              | 65.3                             | No                                    | No                              |
| <b>554 B</b> | 66.0                                 | <b>66.2</b>                 | Yes             | <b>69.2</b>                      | No                                    | Yes                             |
| 555 B        | 66.0                                 | 56.1                        | No              | 57.2                             | No                                    | No                              |
| 556 B        | 66.0                                 | 57.7                        | No              | 59.2                             | No                                    | No                              |
| 557 B        | 66.0                                 | 55.9                        | No              | 56.9                             | No                                    | No                              |
| 558 B        | 66.0                                 | 57.5                        | No              | 59.3                             | No                                    | No                              |
| 559 B        | 66.0                                 | 65.6                        | No              | 65.7                             | No                                    | No                              |
| 560 B        | 66.0                                 | 55.2                        | No              | 56.0                             | No                                    | No                              |
| 561 B        | 66.0                                 | 58.2                        | No              | 51.7                             | No                                    | No                              |
| 562 B        | 66.0                                 | 56.9                        | No              | 52.0                             | No                                    | No                              |
| <b>563 B</b> | 66.0                                 | 65.7                        | No              | <b>68.5</b>                      | No                                    | Yes                             |
| 564 B        | 66.0                                 | 55.3                        | No              | 52.3                             | No                                    | No                              |
| 565 B        | 66.0                                 | 57.1                        | No              | 58.7                             | No                                    | No                              |
| 566 B        | 66.0                                 | 56.7                        | No              | 57.7                             | No                                    | No                              |
| 567 B        | 66.0                                 | 55.5                        | No              | 56.2                             | No                                    | No                              |
| 568 B        | 66.0                                 | 55.7                        | No              | 56.4                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 569 B        | 66.0                                 | 65.0                        | No              | 65.2                             | No                                    | No                              |
| 570 B        | 66.0                                 | 55.1                        | No              | 55.5                             | No                                    | No                              |
| <b>571 B</b> | 66.0                                 | 65.2                        | No              | <b>67.9</b>                      | No                                    | Yes                             |
| 572 B        | 66.0                                 | 56.5                        | No              | 57.9                             | No                                    | No                              |
| 573 B        | 66.0                                 | 55.5                        | No              | 56.1                             | No                                    | No                              |
| 574 B        | 66.0                                 | 55.3                        | No              | 55.8                             | No                                    | No                              |
| 575 B        | 66.0                                 | 65.3                        | No              | 65.3                             | No                                    | No                              |
| 576 B        | 66.0                                 | 56.4                        | No              | 57.2                             | No                                    | No                              |
| 577 B        | 66.0                                 | 54.9                        | No              | 55.1                             | No                                    | No                              |
| <b>578 B</b> | 66.0                                 | 64.4                        | No              | <b>67.1</b>                      | No                                    | Yes                             |
| 579 B        | 66.0                                 | 65.5                        | No              | 65.5                             | No                                    | No                              |
| <b>580 B</b> | 66.0                                 | 64.1                        | No              | <b>66.6</b>                      | No                                    | Yes                             |
| 581 B        | 66.0                                 | 65.9                        | No              | 65.7                             | No                                    | No                              |
| <b>582 B</b> | 66.0                                 | <b>66.2</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| 583 B        | 66.0                                 | 63.4                        | No              | 65.8                             | No                                    | No                              |
| 584 B        | 66.0                                 | 63.0                        | No              | 65.1                             | No                                    | No                              |
| 585 B        | 66.0                                 | 62.6                        | No              | 64.6                             | No                                    | No                              |
| 586 B        | 66.0                                 | 61.7                        | No              | 63.3                             | No                                    | No                              |
| 587 B        | 66.0                                 | 60.9                        | No              | 62.1                             | No                                    | No                              |
| 588 B        | 66.0                                 | 60.0                        | No              | 61.1                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 589 B     | 66.0                                 | 59.1                        | No              | 60.0                             | No                                    | No                              |
| 590 B     | 66.0                                 | 58.9                        | No              | 59.8                             | No                                    | No                              |
| 591 B     | 66.0                                 | 62.0                        | No              | 62.3                             | No                                    | No                              |
| 592 B     | 66.0                                 | 61.4                        | No              | 61.7                             | No                                    | No                              |
| 593 B     | 66.0                                 | 60.7                        | No              | 61.1                             | No                                    | No                              |
| 594 B     | 66.0                                 | 59.5                        | No              | 60.2                             | No                                    | No                              |
| 595 B     | 66.0                                 | 62.4                        | No              | 62.7                             | No                                    | No                              |
| 596 B     | 66.0                                 | 60.1                        | No              | 60.3                             | No                                    | No                              |
| 597 B     | 66.0                                 | 62.5                        | No              | 62.5                             | No                                    | No                              |
| 598 B     | 66.0                                 | 59.3                        | No              | 59.5                             | No                                    | No                              |
| 599 B     | 66.0                                 | 60.2                        | No              | 60.0                             | No                                    | No                              |
| 600 B     | 66.0                                 | 61.9                        | No              | 61.6                             | No                                    | No                              |
| 601 B     | 66.0                                 | 59.6                        | No              | 59.4                             | No                                    | No                              |
| 602 B     | 66.0                                 | 58.7                        | No              | 58.5                             | No                                    | No                              |
| 603 B     | 66.0                                 | 61.8                        | No              | 61.4                             | No                                    | No                              |
| 604 B     | 66.0                                 | 59.9                        | No              | 59.6                             | No                                    | No                              |
| 605 B     | 66.0                                 | 59.8                        | No              | 59.4                             | No                                    | No                              |
| 606 B     | 66.0                                 | 60.3                        | No              | 59.7                             | No                                    | No                              |
| 607 B     | 66.0                                 | 58.7                        | No              | 57.8                             | No                                    | No                              |
| 608 B     | 66.0                                 | 59.7                        | No              | 58.8                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 609 B        | 66.0                                 | 60.0                        | No              | 58.9                             | No                                    | No                              |
| 610 B        | 66.0                                 | 60.0                        | No              | 58.9                             | No                                    | No                              |
| 611 B        | 66.0                                 | 59.7                        | No              | 58.5                             | No                                    | No                              |
| 612 B        | 66.0                                 | 59.3                        | No              | 58.1                             | No                                    | No                              |
| 617 C        | 66.0                                 | 57.9                        | No              | 65.8                             | No                                    | No                              |
| 618 C        | 66.0                                 | 57.2                        | No              | 64.9                             | No                                    | No                              |
| 619 C        | 66.0                                 | 55.7                        | No              | 57.7                             | No                                    | No                              |
| 620 C        | 66.0                                 | 53.1                        | No              | 55.1                             | No                                    | No                              |
| <b>621 E</b> | 71.0                                 | <b>72.3</b>                 | Yes             | <b>73.1</b>                      | No                                    | Yes                             |
| 622 E        | 71.0                                 | 68.8                        | No              | 69.1                             | No                                    | No                              |
| 623 E        | 71.0                                 | 67.1                        | No              | 69.0                             | No                                    | No                              |
| 625 E        | 71.0                                 | 69.8                        | No              | 69.9                             | No                                    | No                              |
| 641 B        | 66.0                                 | 63.8                        | No              | 63.6                             | No                                    | No                              |
| <b>642 B</b> | 66.0                                 | <b>68.2</b>                 | Yes             | <b>68.1</b>                      | No                                    | Yes                             |
| <b>643 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| 644 B        | 66.0                                 | 65.3                        | No              | 64.8                             | No                                    | No                              |
| 645 B        | 66.0                                 | 63.4                        | No              | 61.6                             | No                                    | No                              |
| 646 B        | 66.0                                 | 64.4                        | No              | 62.3                             | No                                    | No                              |
| 647 B        | 66.0                                 | 62.9                        | No              | 61.2                             | No                                    | No                              |
| 648 B        | 66.0                                 | 63.9                        | No              | 62.0                             | No                                    | No                              |


**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 649 B     | 66.0                                 | 65.0                        | No              | 62.6                             | No                                    | No                              |
| 650 B     | 66.0                                 | 60.8                        | No              | 59.9                             | No                                    | No                              |
| 651 B     | 66.0                                 | 61.2                        | No              | 60.1                             | No                                    | No                              |
| 652 B     | 66.0                                 | 60.5                        | No              | 59.6                             | No                                    | No                              |
| 653 B     | 66.0                                 | 60.2                        | No              | 59.4                             | No                                    | No                              |
| 654 B     | 66.0                                 | 60.5                        | No              | 59.8                             | No                                    | No                              |
| 655 B     | 66.0                                 | 60.5                        | No              | 59.8                             | No                                    | No                              |
| 656 B     | 66.0                                 | 64.7                        | No              | 62.5                             | No                                    | No                              |
| 657 B     | 66.0                                 | 64.0                        | No              | 62.2                             | No                                    | No                              |
| 658 B     | 66.0                                 | 62.8                        | No              | 61.4                             | No                                    | No                              |
| 659 B     | 66.0                                 | 60.8                        | No              | 60.2                             | No                                    | No                              |
| 660 B     | 66.0                                 | 63.2                        | No              | 61.7                             | No                                    | No                              |
| 661 B     | 66.0                                 | 64.8                        | No              | 62.7                             | No                                    | No                              |
| 662 B     | 66.0                                 | 63.7                        | No              | 62.3                             | No                                    | No                              |
| 663 B     | 66.0                                 | 60.9                        | No              | 60.3                             | No                                    | No                              |
| 664 B     | 66.0                                 | 65.2                        | No              | 63.0                             | No                                    | No                              |
| 665 B     | 66.0                                 | 63.8                        | No              | 62.4                             | No                                    | No                              |
| 666 B     | 66.0                                 | 65.3                        | No              | 63.2                             | No                                    | No                              |
| 667 B     | 66.0                                 | 61.5                        | No              | 61.1                             | No                                    | No                              |
| 668 B     | 66.0                                 | 65.8                        | No              | 64.2                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 669 B        | 66.0                                 | 61.6                        | No              | 61.1                             | No                                    | No                              |
| 670 B        | 66.0                                 | 64.6                        | No              | 63.1                             | No                                    | No                              |
| <b>671 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 64.5                             | No                                    | No                              |
| <b>672 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | 65.0                             | No                                    | No                              |
| 673 B        | 66.0                                 | 62.0                        | No              | 61.6                             | No                                    | No                              |
| <b>674 B</b> | 66.0                                 | <b>67.7</b>                 | Yes             | 65.4                             | No                                    | No                              |
| 675 B        | 66.0                                 | 62.2                        | No              | 61.8                             | No                                    | No                              |
| 676 B        | 66.0                                 | 63.1                        | No              | 62.7                             | No                                    | No                              |
| 677 B        | 66.0                                 | 63.3                        | No              | 62.9                             | No                                    | No                              |
| 678 B        | 66.0                                 | 64.9                        | No              | 64.1                             | No                                    | No                              |
| 679 B        | 66.0                                 | 65.4                        | No              | 64.5                             | No                                    | No                              |
| 680 B        | 66.0                                 | 65.1                        | No              | 64.3                             | No                                    | No                              |
| 681 B        | 66.0                                 | 63.8                        | No              | 63.5                             | No                                    | No                              |
| 682 B        | 66.0                                 | 65.9                        | No              | 64.9                             | No                                    | No                              |
| 683 B        | 66.0                                 | 65.7                        | No              | 64.8                             | No                                    | No                              |
| 684 B        | 66.0                                 | 65.9                        | No              | 64.9                             | No                                    | No                              |
| <b>685 B</b> | 66.0                                 | <b>66.3</b>                 | Yes             | 65.2                             | No                                    | No                              |
| <b>686 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | 65.6                             | No                                    | No                              |
| <b>687 B</b> | 66.0                                 | <b>67.0</b>                 | Yes             | <b>66.0</b>                      | No                                    | Yes                             |
| 688 B        | 66.0                                 | 64.2                        | No              | 64.0                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 689 B     | 66.0                                 | 67.7                        | Yes             | 66.4                             | No                                    | Yes                             |
| 690 B     | 66.0                                 | 69.2                        | Yes             | 67.8                             | No                                    | Yes                             |
| 691 B     | 66.0                                 | 69.6                        | Yes             | 68.2                             | No                                    | Yes                             |
| 692 B     | 66.0                                 | 70.6                        | Yes             | 69.3                             | No                                    | Yes                             |
| 693 B     | 66.0                                 | 71.8                        | Yes             | 70.6                             | No                                    | Yes                             |
| 694 B     | 66.0                                 | 68.7                        | Yes             | 70.1                             | No                                    | Yes                             |
| 695 B     | 66.0                                 | 71.2                        | Yes             | 73.2                             | No                                    | Yes                             |
| 696 B     | 66.0                                 | 67.8                        | Yes             | 69.6                             | No                                    | Yes                             |
| 697 B     | 66.0                                 | 69.6                        | Yes             | 71.7                             | No                                    | Yes                             |
| 698 B     | 66.0                                 | 71.1                        | Yes             | 73.6                             | No                                    | Yes                             |
| 699 B     | 66.0                                 | 70.9                        | Yes             | 73.4                             | No                                    | Yes                             |
| 700 B     | 66.0                                 | 67.9                        | Yes             | 70.2                             | No                                    | Yes                             |
| 701 B     | 66.0                                 | 66.1                        | Yes             | 68.1                             | No                                    | Yes                             |
| 702 B     | 66.0                                 | 68.4                        | Yes             | 72.6                             | No                                    | Yes                             |
| 703 B     | 66.0                                 | 59.0                        | No              | 58.8                             | No                                    | No                              |
| 704 B     | 66.0                                 | 64.9                        | No              | 67.9                             | No                                    | Yes                             |
| 707 B     | 66.0                                 | 64.4                        | No              | 67.7                             | No                                    | Yes                             |
| 708 B     | 66.0                                 | 66.5                        | Yes             | 55.1                             | No                                    | No                              |
| 709 B     | 66.0                                 | 54.5                        | No              | 52.0                             | No                                    | No                              |
| 710 B     | 66.0                                 | 57.8                        | No              | 50.9                             | No                                    | No                              |



**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL    | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|--------------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|              |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 711 B        | 66.0                                 | 53.7                        | No              | 52.2                             | No                                    | No                              |
| 712 B        | 66.0                                 | 52.7                        | No              | 51.9                             | No                                    | No                              |
| 713 B        | 66.0                                 | 55.9                        | No              | 51.2                             | No                                    | No                              |
| 714 B        | 66.0                                 | 53.1                        | No              | 51.8                             | No                                    | No                              |
| <b>723 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | <b>67.7</b>                      | No                                    | Yes                             |
| <b>724 B</b> | 66.0                                 | 65.7                        | No              | <b>67.1</b>                      | No                                    | Yes                             |
| <b>725 B</b> | 66.0                                 | 64.5                        | No              | <b>66.4</b>                      | No                                    | Yes                             |
| 726 B        | 66.0                                 | 63.2                        | No              | 51.0                             | No                                    | No                              |
| <b>745 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 65.1                             | No                                    | No                              |
| <b>746 B</b> | 66.0                                 | <b>66.4</b>                 | Yes             | 65.0                             | No                                    | No                              |
| <b>747 B</b> | 66.0                                 | <b>66.9</b>                 | Yes             | 65.6                             | No                                    | No                              |
| <b>748 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | 65.5                             | No                                    | No                              |
| <b>749 B</b> | 66.0                                 | <b>66.8</b>                 | Yes             | 65.6                             | No                                    | No                              |
| <b>750 B</b> | 66.0                                 | <b>66.6</b>                 | Yes             | 65.4                             | No                                    | No                              |
| <b>751 B</b> | 66.0                                 | <b>66.7</b>                 | Yes             | 65.5                             | No                                    | No                              |
| <b>752 B</b> | 66.0                                 | <b>66.5</b>                 | Yes             | 65.3                             | No                                    | No                              |
| 753 B        | 66.0                                 | 58.9                        | No              | 61.4                             | No                                    | No                              |
| 754 B        | 66.0                                 | 58.0                        | No              | 60.1                             | No                                    | No                              |
| 756 B        | 66.0                                 | 63.2                        | No              | 64.0                             | No                                    | No                              |
| 757 B        | 66.0                                 | 62.4                        | No              | 63.8                             | No                                    | No                              |

**Table C-2 Summary of Existing and Alternative 5 Noise Levels**

| MAP LABEL | UDOT NOISE ABATEMENT CRITERIA LEQ(H) | EXISTING NOISE LEVELS (DBA) | EXISTING IMPACT | ALTERNATIVE 5 NOISE LEVELS (DBA) | PROJECTED IMPACT                      |                                 |
|-----------|--------------------------------------|-----------------------------|-----------------|----------------------------------|---------------------------------------|---------------------------------|
|           |                                      |                             |                 |                                  | ≥ 10 dBA Increase From Existing Level | ≥ UDOT Noise Abatement Criteria |
| 758 B     | 66.0                                 | 69.9                        | Yes             | 73.2                             | No                                    | Yes                             |
| 761 B     | 66.0                                 | 67.9                        | Yes             | 68.0                             | No                                    | Yes                             |
| 762 B     | 66.0                                 | 62.4                        | No              | 67.1                             | No                                    | Yes                             |
| 765 B     | 66.0                                 | 63.5                        | No              | 61.9                             | No                                    | No                              |
| 766 B     | 66.0                                 | 64.4                        | No              | 63.1                             | No                                    | No                              |
| 770 B     | 66.0                                 | 61.6                        | No              | 63.4                             | No                                    | No                              |
| 772 B     | 66.0                                 | 62.8                        | No              | 65.8                             | No                                    | No                              |
| 773 B     | 66.0                                 | 59.9                        | No              | 62.8                             | No                                    | No                              |



## APPENDIX D: NOISE WALL MAPS



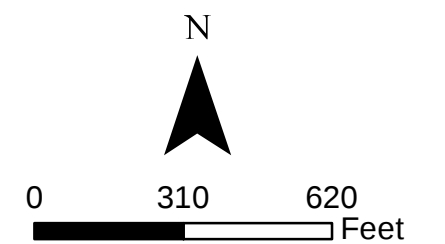
**Alternative 4 Noise Walls**  
Map 1 of 5

**Alternative 4 Impact**

- Yes
- No

— Recommended Noise Wall (Feasible and Reasonable)

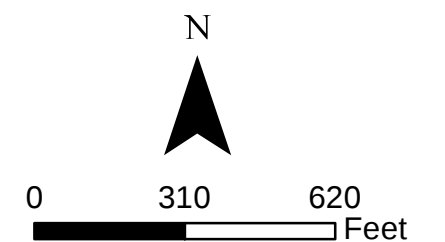
— Not Feasible and Reasonable

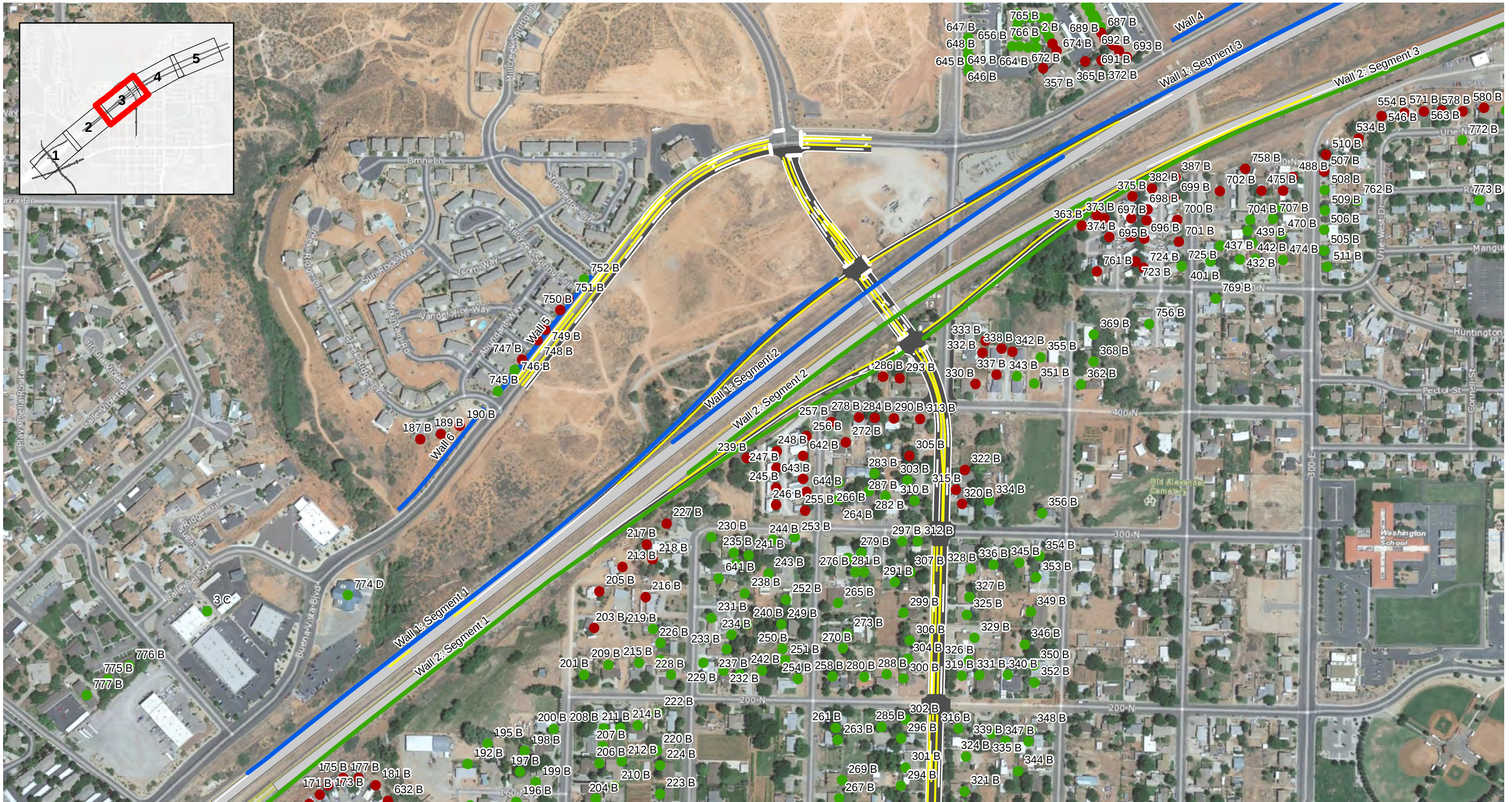




**Alternative 4 Impact**

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable





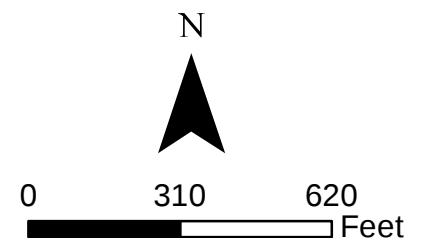
# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

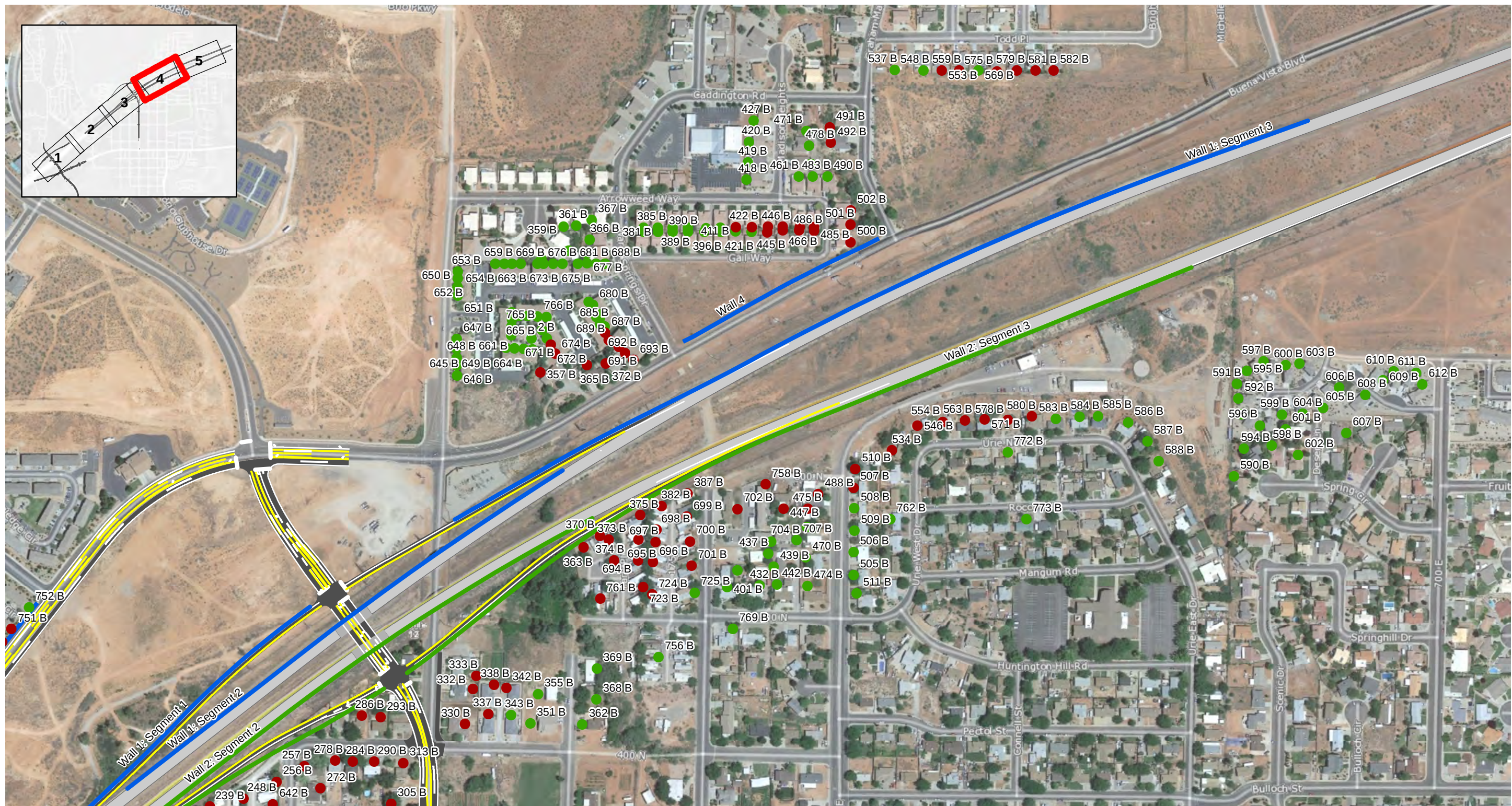
## Alternative 4 Noise Walls

Map 3 of 5

### Alternative 4 Impact

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable

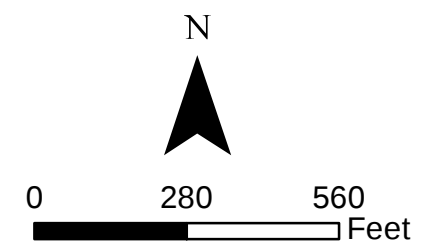




**Alternative 4 Noise Walls**  
Map 4 of 5

**Alternative 4 Impact**

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable





# I-15 MP 11 INTERCHANGE ENVIRONMENTAL STUDY

## Alternative 4 Noise Walls

Map 5 of 5

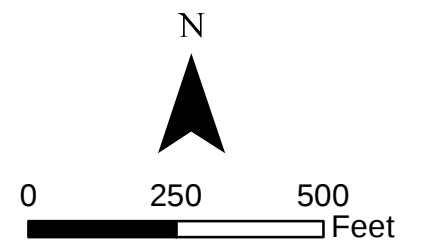
### Alternative 4 Impact

● Yes

● No

— Recommended Noise Wall (Feasible and Reasonable)

— Not Feasible and Reasonable

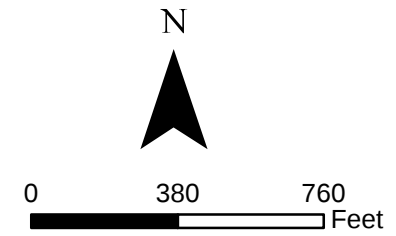


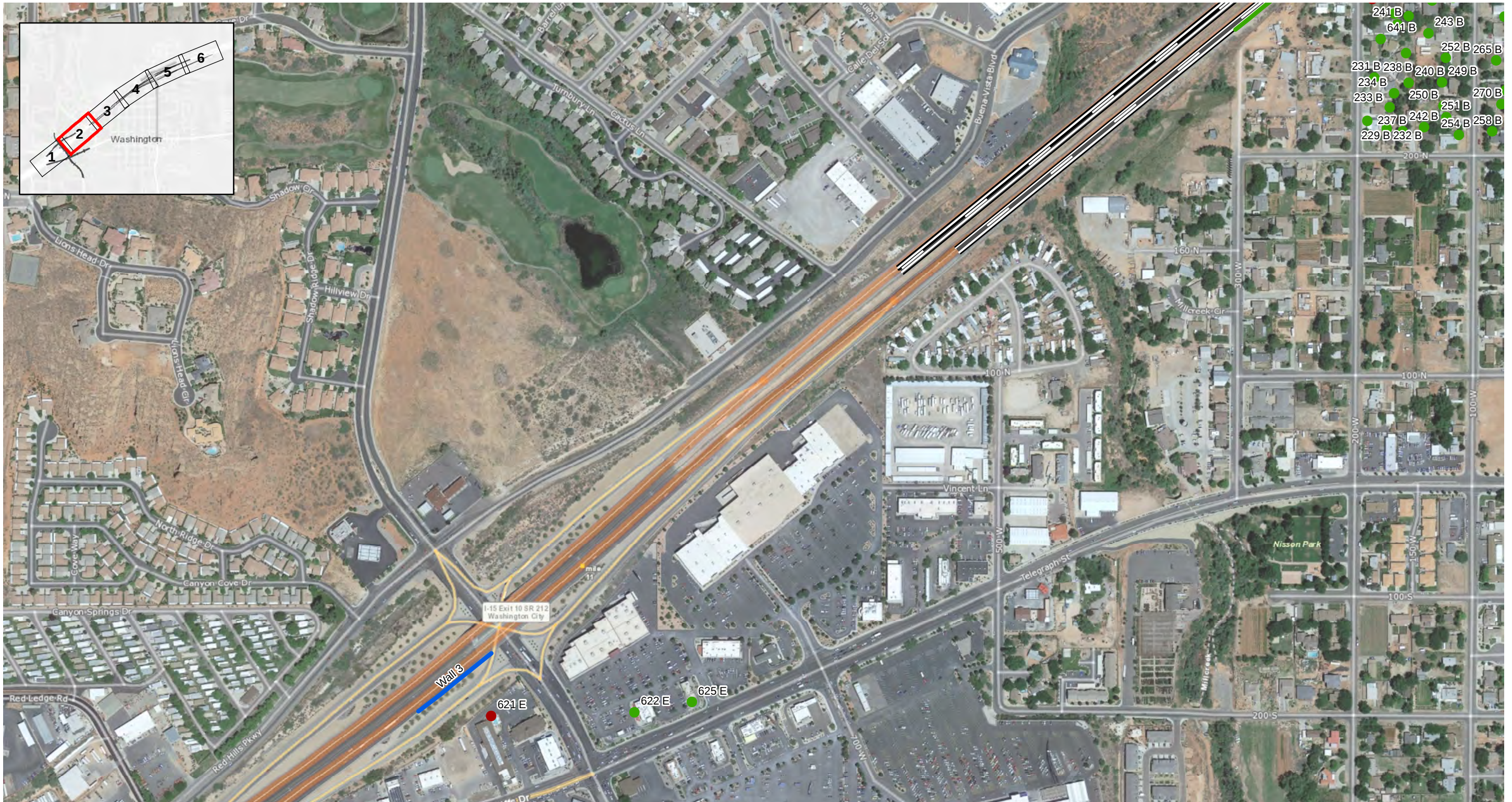


**Alternative 5 Noise Walls**  
 Map 1 of 6

**Alternative 5 Impact**

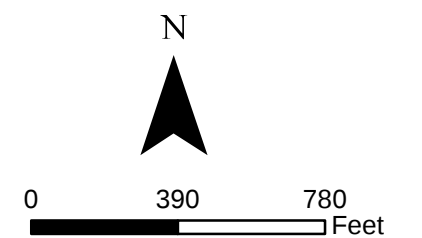
- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable

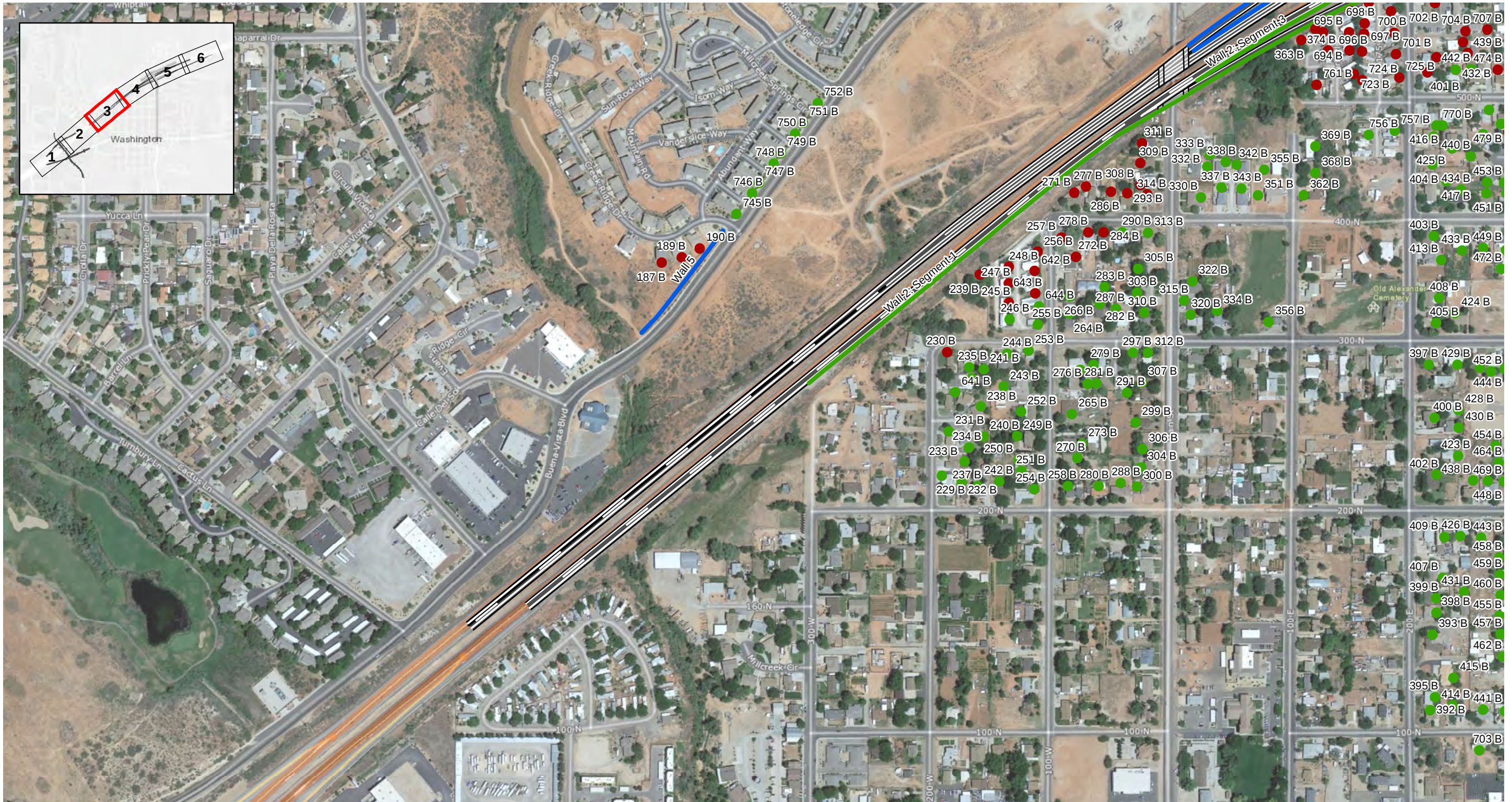




## Alternative 5 Noise Walls

Map 2 of 6

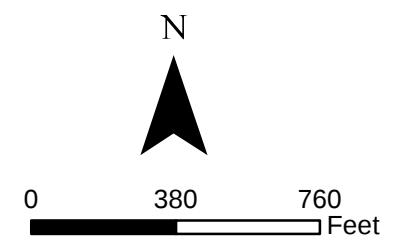


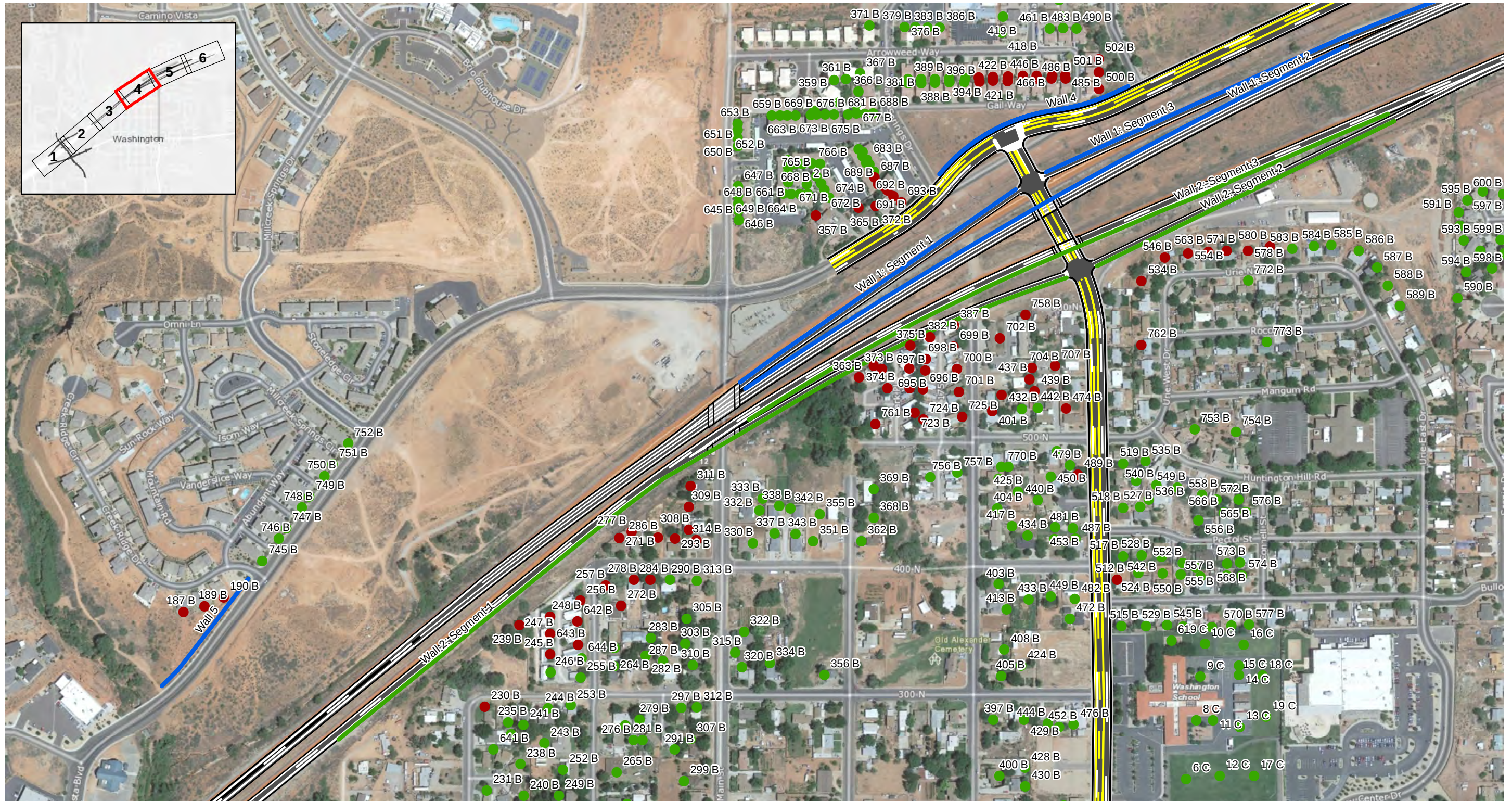


**Alternative 5 Noise Walls**  
Map 3 of 6

**Alternative 5 Impact**

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable

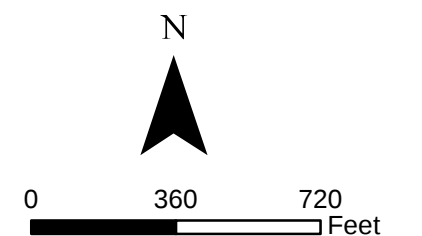


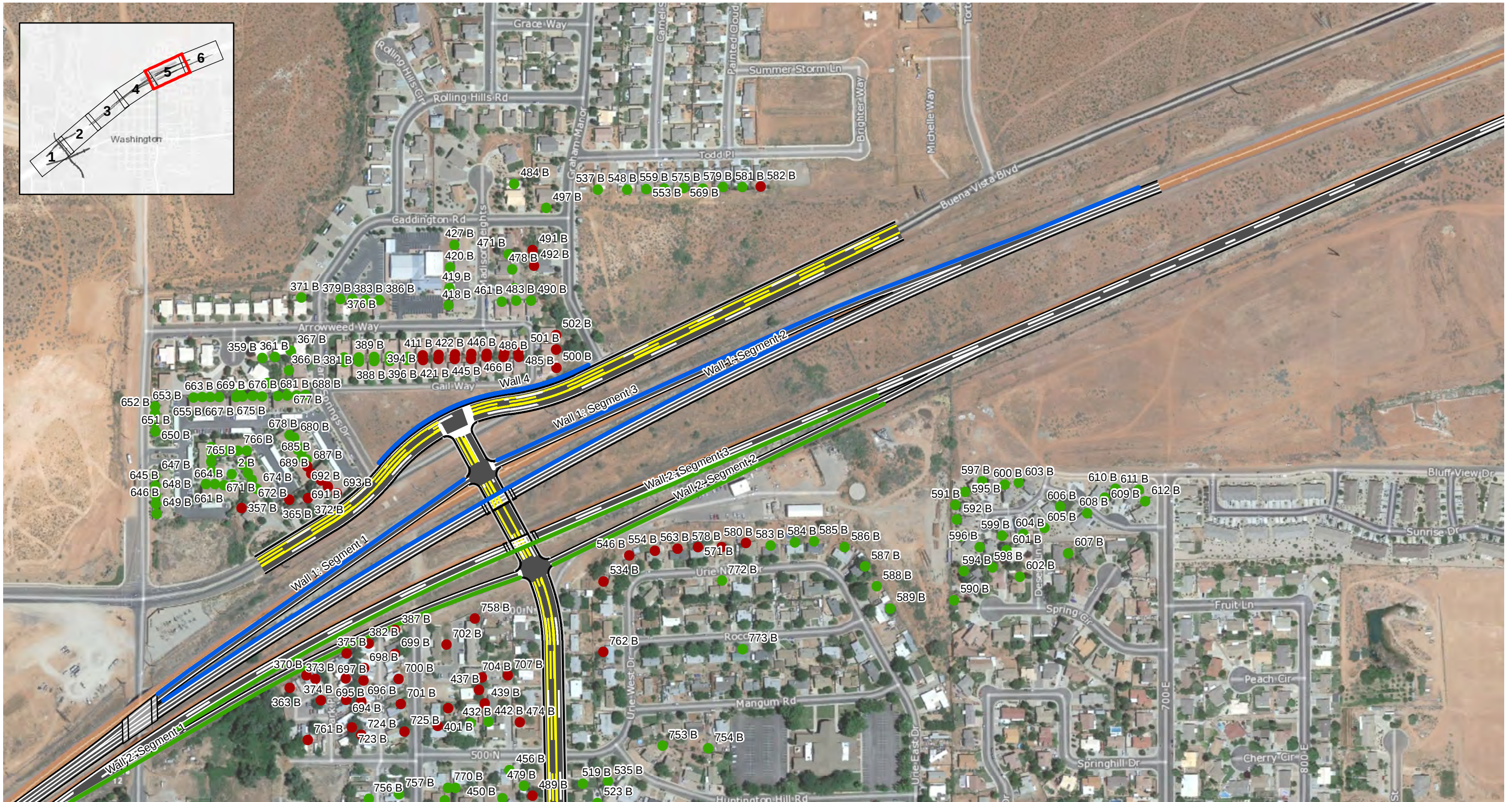


**Alternative 5 Noise Walls**  
Map 4 of 6

**Alternative 5 Impact**

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable

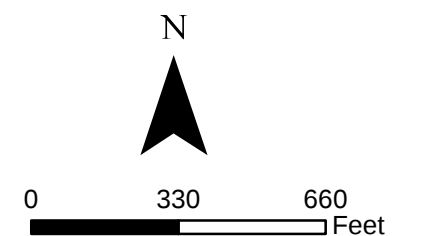




**Alternative 5 Noise Walls**  
Map 5 of 6

**Alternative 5 Impact**

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable



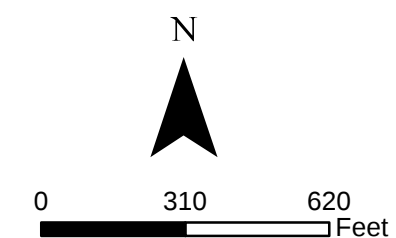


## Alternative 5 Noise Walls

Map 6 of 6

### Alternative 5 Impact

- Yes
- No
- Recommended Noise Wall (Feasible and Reasonable)
- Not Feasible and Reasonable





## APPENDIX E: NOISE WALL ANALYSES

Alternative 4 Wall 1 (North Side of I-15)

Total Wall Length 8240 ft  
Length of Activity Category C/E Land Use: 270 ft  
Wall Cost per sq ft: \$20  
Cost of items critical to safety: \$0  
# of First Row Receivers: 55

| Name | # of DU | Category | 1st Row | # of 1st Row | 10-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 12-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 14-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 16-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 18-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) |
|------|---------|----------|---------|--------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|
| 3    | 1       | C        | Yes     | 1            | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 0                                   |
| 187  | 1       | B        | Yes     | 1            | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.6        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 189  | 1       | B        | Yes     | 1            | 2.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.9        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 190  | 1       | B        | Yes     | 1            | 1.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 357  | 1       | B        | Yes     | 1            | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6          | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 365  | 1       | B        | Yes     | 1            | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6          | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.6        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.1        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.4        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 372  | 1       | B        | Yes     | 1            | 5.1        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.8        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 410  | 1       | B        | Yes     | 1            | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.3        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.6        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 411  | 1       | B        | Yes     | 1            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.5        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.1        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.7        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 422  | 1       | B        | Yes     | 1            | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.3        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8          | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.6        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 435  | 1       | B        | Yes     | 1            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.5        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.3        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.8        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 436  | 1       | B        | Yes     | 1            | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.3        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8          | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.6        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 445  | 1       | B        | Yes     | 1            | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.6        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.1        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 446  | 1       | B        | Yes     | 1            | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.1        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.9        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.5        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 463  | 1       | B        | Yes     | 1            | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.2        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.6        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 466  | 1       | B        | Yes     | 1            | 1.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.9        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.2        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.9        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.4        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 485  | 1       | B        | Yes     | 1            | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.5        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.4        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.9        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.4        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 486  | 1       | B        | Yes     | 1            | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.9        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.4        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 491  | 1       | B        | Yes     | 1            | 1.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 492  | 1       | B        | Yes     | 1            | 1.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 500  | 1       | B        | Yes     | 1            | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.2        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 5.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 501  | 1       | B        | Yes     | 1            | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.5        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.2        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 502  | 1       | B        | Yes     | 1            | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.2        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.9        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.4        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.9        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 537  | 1       | B        | Yes     | 1            | 1.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 548  | 1       | B        | Yes     | 1            | 1.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.6        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 553  | 1       | B        | Yes     | 1            | 1.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 559  | 1       | B        | Yes     | 1            | 1.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.1        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 5.9        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 569  | 1       | B        | Yes     | 1            | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.3        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.1        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 575  | 1       | B        | Yes     | 1            | 2.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.5        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.3        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 579  | 1       | B        | Yes     | 1            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.4        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 581  | 1       | B        | Yes     | 1            | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.9        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 582  | 1       | B        | Yes     | 1            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.1        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.7        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 668  | 2       | B        | Yes     | 2            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 7.2        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 671  | 2       | B        | Yes     | 2            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.2        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 7.2        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 672  | 2       | B        | Yes     | 2            | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.4        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.9        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 7.4        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 674  | 2       | B        | Yes     | 2            | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.6        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.4        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 7          | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 7.5        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 678  | 2       | B        | Yes     | 2            | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.6        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.2        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 679  | 2       | B        | Yes     | 2            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.8        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.4        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.9        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 680  | 2       | B        | Yes     | 2            | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.6        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.2        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.6        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 682  | 2       | B        | Yes     | 2            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.8        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 683  | 2       | B        | Yes     | 2            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.8        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 684  | 2       | B        | Yes     | 2            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 685  | 2       | B        | Yes     | 2            | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 6.8        | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   |
| 686  | 2       | B        | Yes     | 2            | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | No                      | 0                         | 2                                   | 5.8        | No          | Yes        |                     |                       |                         |                           |                                     |            |             |            |                     |                       |                         |                           |                                     |            |             |            |                     |                       |                         |                           |                                     |

Alternative 4 Wall 2 (South Side of I-15)

Total Wall Length 7353 ft  
Length of Activity Category C/E Land Use: 0 ft  
Wall Cost per sq ft: \$20  
Cost of Items critical to safety: \$0  
# of First Row Receivers: 43

| Name | # of DU | Category | 1st Row | # of 1st Row | 10-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 12-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 14-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 16-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 18-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) |
|------|---------|----------|---------|--------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|
| 203  | 1       | B        | Yes     | 1            | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | Yes         | Yes        | Yes                 | 1                     | 7.4                     | Yes                       | Yes                                 | Yes        | 1           | 8          | Yes                 | Yes                   | Yes                     | 1                         | 1                                   |
| 205  | 1       | B        | Yes     | 1            | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.6        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 9.4        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 9.9        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 213  | 1       | B        | Yes     | 1            | 6.9        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 8.4        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 9.2        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 9.9        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 10.4       | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 216  | 1       | B        |         | 0            | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.3        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.6        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 217  | 1       | B        | Yes     | 1            | 5.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.1        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.6        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 218  | 1       | B        | Yes     | 1            | 5          | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.2        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.7        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.3        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 219  | 1       | B        |         | 0            | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.2        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.2        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 226  | 1       | B        |         | 0            | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.2        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 5.9        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.4        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 227  | 1       | B        | Yes     | 1            | 5.6        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.9        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 239  | 1       | B        | Yes     | 1            | 9.6        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 11.6       | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 12.5       | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 13.4       | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 14         | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 245  | 1       | B        |         | 0            | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7          | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.5        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.1        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 246  | 1       | B        |         | 0            | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.6        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.4        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7          | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.5        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 247  | 1       | B        |         | 0            | 5          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 7.1        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8          | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 8.8        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 9.4        | Yes         | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 248  | 1       | B        | Yes     | 1            | 6.1        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 8.3        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 9.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 10.3       | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 11.4       | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 255  | 1       | B        |         | 0            | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 1                                   | 5.6        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.5        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 256  | 1       | B        | Yes     | 1            | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 7          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.9        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.4        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.9        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 257  | 1       | B        | Yes     | 1            | 5.2        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.2        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.9        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.3        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 7.7        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 264  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 5.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 5.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 266  | 1       | B        |         | 0            | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 5.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 272  | 1       | B        |         | 0            | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.4        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6.7        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 278  | 1       | B        | Yes     | 1            | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 5.5        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 5.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.8        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 282  | 1       | B        |         | 0            | 2.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 283  | 1       | B        |         | 0            | 2.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 284  | 1       | B        |         | 0            | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.1        | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   | 6          | No          | Yes        | No                  | 0                     | No                      | 0                         | 1                                   |
| 286  | 1       | B        | Yes     | 1            | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6.4        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.7        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 8.5        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   | 9          | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 287  | 1       | B        |         | 0            | 2.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 290  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 293  | 1       | B        | Yes     | 1            | 2.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 303  | 1       | B        |         | 0            | 1.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 305  | 1       | B        |         | 0            | 1.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 310  | 1       | B        |         | 0            | 1.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 313  | 1       | B        |         | 0            | 1.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 315  | 1       | B        |         | 0            | 0.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 320  | 1       | B        |         | 0            | 0.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 0.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 322  | 1       | B        |         | 0            | 0.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 330  | 1       | B        | Yes     | 1            | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 332  | 1       | B        | Yes     | 1            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.1        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 333  | 1       | B        | Yes     | 1            | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.5        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 334  | 1       | B        |         | 0            | 1          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 1.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 337  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 338  | 1       | B        | Yes     | 1            | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.2        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 342  | 1       | B        | Yes     | 1            | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.1        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 343  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 351  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          |             |            |                     |                       |                         |                           |                                     |

Alternative 4 Wall 3 (South Side of I-15 NB)

Total Wall Length 378 ft  
Length of Activity Category C/E Land Use: 378 ft  
Wall Cost per sq ft: \$20  
Cost of Items critical to safety: \$0  
# of First Row Receivers: 1

| Name | # of DU | Category | 1st Row | # of 1st Row | 10-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receptors (Category B) | 12-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receptors (Category B) | 14-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receptors (Category B) | 16-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receptors (Category B) | 18-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receptors (Category B) |
|------|---------|----------|---------|--------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|
| 621  | 1       | E        | Yes     | 1            | 1.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |

Feasibility Factors:

# of First-Row 5 dBA Reduction:

% of First-Row 5 dBA Reduction:

Acoustic Feasibility (5 dBA reduction for 50% of front-row):

Feasible and Reasonable:

0

0.0%

No

No

0

0.0%

No

No

0

0.0%

No

No

0

0.0%

No

No

0

0.0%

No

No

|                                           |      |    |
|-------------------------------------------|------|----|
| Total Wall Length                         | 781  | ft |
| Length of Activity Category C/E Land Use: | 0    | ft |
| Wall Cost per sq ft:                      | \$20 |    |
| Cost of items critical to safety:         | \$0  |    |
| # of First Row Receivers:                 | 7    |    |

|                          |    |    |    |    |    |
|--------------------------|----|----|----|----|----|
| Feasible and Reasonable: | No | No | No | No | No |
|--------------------------|----|----|----|----|----|

|                                           |      |    |
|-------------------------------------------|------|----|
| Total Wall Length                         | 596  | ft |
| Length of Activity Category C/E Land Use: | 0    | ft |
| Wall Cost per sq ft:                      | \$20 |    |
| Cost of items critical to safety:         | \$0  |    |
| # of First Row Receivers:                 | 8    |    |

|                                                                     |                                 |       |       |       |       |        |
|---------------------------------------------------------------------|---------------------------------|-------|-------|-------|-------|--------|
|                                                                     | # of First-Row 5 dBA Reduction: | 1     | 4     | 6     | 7     | 8      |
|                                                                     | % of First-Row 5 dBA Reduction: | 12.5% | 50.0% | 75.0% | 87.5% | 100.0% |
| Acoustic Feasibility (5 dBA reduction for 50% of front-row):        |                                 | No    | Yes   | Yes   | Yes   | Yes    |
| Reasonableness Factors:                                             |                                 |       |       |       |       |        |
|                                                                     | # of First-Row Design Goal:     | 0     | 1     | 1     | 1     | 1      |
|                                                                     | % of First-Row Design Goal:     | 0.0%  | 12.5% | 12.5% | 12.5% | 12.5%  |
| Noise Abatement Design Goal (7 dBA reduction for 35% of front-row): |                                 | No    | No    | No    | No    | No     |
| Feasible and Reasonable:                                            |                                 | No    | No    | No    | No    | No     |



Alternative 5 Wall 1 (North Side of I-15)

Total Wall Length 6320 ft  
Length of Activity Category C/E Land Use: 0 ft  
Wall Cost per sq ft: \$20  
Cost of Items critical to safety: \$0  
# of First Row Receivers: 25

| Name | # of DU | Category | 1st Row | # of 1st Row | 10-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 12-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 14-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 16-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) | 18-ft Wall | Design Goal | Benefitted | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefitted Receivers (Category B) |
|------|---------|----------|---------|--------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|------------|-------------|------------|---------------------|-----------------------|-------------------------|---------------------------|-------------------------------------|
| 2    | 1       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 357  | 1       | B        | Yes     | 1            | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 365  | 1       | B        | Yes     | 1            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 372  | 1       | B        | Yes     | 1            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 394  | 1       | B        |         | 0            | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 396  | 1       | B        | Yes     | 1            | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 410  | 1       | B        | Yes     | 1            | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 411  | 1       | B        |         | 0            | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 421  | 1       | B        | Yes     | 1            | 2.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 422  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 435  | 1       | B        | Yes     | 1            | 2.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 436  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 445  | 1       | B        | Yes     | 1            | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 446  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 463  | 1       | B        | Yes     | 1            | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 466  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 485  | 1       | B        |         | 0            | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 486  | 1       | B        | Yes     | 1            | 2.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 491  | 1       | B        | Yes     | 1            | 2.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.2        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 5.6        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 492  | 1       | B        | Yes     | 1            | 2.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 5.3        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 5.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   |
| 500  | 1       | B        | Yes     | 1            | 2.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 501  | 1       | B        | Yes     | 1            | 2.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 502  | 1       | B        | Yes     | 1            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 582  | 1       | B        | Yes     | 1            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 6          | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 6.7        | No          | Yes        | No                  | 0                     | Yes                     | 1                         | 1                                   | 7.2        | Yes         | Yes        | Yes                 | 1                     | Yes                     | 1                         | 1                                   |
| 656  | 2       | B        | Yes     | 2            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 657  | 2       | B        |         | 0            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 658  | 2       | B        |         | 0            | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 660  | 2       | B        |         | 0            | 3          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 661  | 2       | B        | Yes     | 2            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 662  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 664  | 2       | B        | Yes     | 2            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 665  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 666  | 2       | B        | Yes     | 2            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 668  | 2       | B        |         | 0            | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 670  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 671  | 2       | B        |         | 0            | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 672  | 2       | B        |         | 0            | 3.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 674  | 2       | B        |         | 0            | 3.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.9        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 678  | 2       | B        |         | 0            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4          | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.3        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 679  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 680  | 2       | B        |         | 0            | 3.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.6        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 682  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 683  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.8        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.5        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 684  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.4        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   |
| 685  | 2       | B        |         | 0            | 3.2        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 3.7        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.1        | No          | No         | No                  | 0                     | No                      | 0                         | 0                                   | 4.         |             |            |                     |                       |                         |                           |                                     |            |             |            |                     |                       |                         |                           |                                     |

Alternative 5 Wall 2 (South Side of I-15)

Total Wall Length 7272 ft  
Length of Activity Category C/E Land Use: 0 ft  
Wall Cost per sq ft: \$20  
Cost of items critical to safety: \$0  
# of First Row Receivers: 35

| Name | # of DU | Category | 1st Row | # of 1st Row | 10-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receivers (Category B) | 12-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receivers (Category B) | 14-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receivers (Category B) | 16-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receivers (Category B) | 18-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receivers (Category B) |   |
|------|---------|----------|---------|--------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|---|
| 230  | 1       | B        | Yes     | 1            | 5.3        | No          | Yes       | No                  | 0                     | Yes                     | 1                         | 1                                  | 6.4        | No          | No        | Yes                 | No                    | 0                       | Yes                       | 1                                  | 1          | 7           | Yes       | Yes                 | Yes                   | 1                       | Yes                       | 1                                  | 1          | 7.4         | Yes       | Yes                 | Yes                   | 1                       | Yes                       | 1                                  | 1          | 7.7         | Yes       | Yes                 | Yes                   | 1                       | Yes                       | 1                                  | 1 |
| 239  | 1       | B        | Yes     | 1            | 7.6        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9          | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.9        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.6       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 11.2       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 245  | 1       | B        |         | 0            | 3.6        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.3        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.5        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.9        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 246  | 1       | B        |         | 0            | 3.2        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.8        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.9        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.6        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 247  | 1       | B        |         | 0            | 4.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 7.1        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.1        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.8        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 248  | 1       | B        | Yes     | 1            | 5          | No          | Yes       | No                  | 0                     | Yes                     | 1                         | 1                                  | 8.2        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.4        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.3       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 11         | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 255  | 1       | B        |         | 0            | 2.9        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.3        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.5        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.1        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.7        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 256  | 1       | B        |         | 1            | 4.6        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 7.8        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9          | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.9        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.6       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 257  | 1       | B        | Yes     | 1            | 4.3        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 7.7        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.7        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.6        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.2       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 264  | 1       | B        |         | 0            | 3.4        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.2        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.1        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.7        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 266  | 1       | B        |         | 0            | 3.5        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.4        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8          | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.4        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 271  | 1       | B        | Yes     | 1            | 7.8        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9          | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.8        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 11.3       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 272  | 1       | B        |         | 0            | 3.7        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.8        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.8        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.6        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 277  | 1       | B        | Yes     | 1            | 7.1        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.3        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.1        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.8        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.4       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 278  | 1       | B        |         | 0            | 4          | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 7.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9          | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.6        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 282  | 1       | B        |         | 0            | 3.3        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.1        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7          | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.6        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8          | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 283  | 1       | B        |         | 0            | 3.5        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.2        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.8        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 284  | 1       | B        |         | 0            | 3.9        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.9        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.9        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.7        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 286  | 1       | B        | Yes     | 1            | 6.4        | No          | Yes       | No                  | 0                     | Yes                     | 1                         | 1                                  | 7.8        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.6        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.4        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10         | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 287  | 1       | B        |         | 0            | 3.2        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.8        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.7        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.8        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 290  | 1       | B        |         | 0            | 3.9        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.7        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.7        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.5        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.1        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 293  | 1       | B        | Yes     | 1            | 5.2        | No          | Yes       | No                  | 0                     | Yes                     | 1                         | 1                                  | 7.4        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.3        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9          | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.7        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 303  | 1       | B        |         | 0            | 3.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.7        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.6        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.8        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 305  | 1       | B        |         | 0            | 3.3        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6          | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7          | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.7        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.2        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 308  | 1       | B        | Yes     | 1            | 4.7        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 7.3        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.2        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.9        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.6        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 309  | 1       | B        |         | 0            | 6.5        | No          | Yes       | No                  | 0                     | Yes                     | 1                         | 1                                  | 7.6        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.5        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.2        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.9        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 310  | 1       | B        |         | 0            | 3          | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.3        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.3        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.9        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 311  | 1       | B        | Yes     | 1            | 6.2        | No          | Yes       | No                  | 0                     | Yes                     | 1                         | 1                                  | 7.1        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 8.6        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.1        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 9.1        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 313  | 1       | B        |         | 0            | 3.8        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.4        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.4        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.1        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.8        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 314  | 1       | B        |         | 0            | 4.2        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 6.9        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 7.9        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 8.6        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 9.3        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 363  | 1       | B        | Yes     | 1            | 12.1       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 13.8       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 16.2       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 17.5       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 18.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 370  | 1       | B        | Yes     | 1            | 12.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 14.3       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 17.3       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 18.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 19.8       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 373  | 1       | B        | Yes     | 1            | 10.2       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 12.5       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 15.1       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 16.5       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 17.6       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 374  | 1       | B        |         | 0            | 5.1        | No          | Yes       | No                  | 0                     | No                      | 0                         | 0                                  | 7.4        | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 10.1       | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 11.4       | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 12.3       | Yes         | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 375  | 1       | B        | Yes     | 1            | 11.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 14.6       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 17.6       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 19.3       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 20.4       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 382  | 1       | B        | Yes     | 1            | 8.3        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 13.6       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 16.4       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 18.4       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 19.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 387  | 1       | B        | Yes     | 1            | 7.5        | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 10.9       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 15.4       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 17.7       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  | 19.2       | Yes         | Yes       | Yes                 | 1                     | Yes                     | 1                         | 1                                  |   |
| 401  | 1       | B        |         | 0            | 2.3        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 3.2        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 4.8        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.8        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.3        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 412  | 1       | B        |         | 0            | 2.5        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 3.6        | No          | No        | No                  | 0                     | No                      | 0                         | 1                                  | 5          | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.1        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6.5        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 432  | 1       | B        |         | 0            | 2          | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 3          | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 4.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5          | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 5.4        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 437  | 1       | B        |         | 0            | 2.8        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 3.6        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 4.8        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 5.6        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  | 6          | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 439  | 1       | B        |         | 0            | 2.3        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 3.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 4.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 4.9        | No          | No        | No                  | 0                     | No                      | 0                         | 1                                  | 5.4        | No          | Yes       | No                  | 0                     | No                      | 0                         | 1                                  |   |
| 442  | 1       | B        |         | 0            | 2.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 2.9        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 3.8        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 4.6        | No          | No        | No                  | 0                     | No                      | 0                         | 1                                  |            |             |           |                     |                       |                         |                           |                                    |   |

Alternative 5 Wall 3 (South Side of I-15 NB)

Total Wall Length 378 ft  
Length of Activity Category C/E Land Use: 378 ft  
Wall Cost per sq ft: \$20  
Cost of items critical to safety: \$0  
# of First Row Receivers: 1

| Name | # of DU | Category | 1st Row | # of 1st Row | 10-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receptors (Category B) | 12-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receptors (Category B) | 14-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receptors (Category B) | 16-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receptors (Category B) | 18-ft Wall | Design Goal | Benefited | 1st Row Design Goal | # 1st Row Design Goal | 1st Row 5 dBA Reduction | # 1st Row 5 dBA Reduction | # Benefited Receptors (Category B) |
|------|---------|----------|---------|--------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|------------|-------------|-----------|---------------------|-----------------------|-------------------------|---------------------------|------------------------------------|
| 621  | 1       | E        | Yes     | 1            | 1.7        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 2.1        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 2.2        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 2.4        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  | 2.6        | No          | No        | No                  | 0                     | No                      | 0                         | 0                                  |

Feasibility Factors:

# of First-Row 5 dBA Reduction:

% of First-Row 5 dBA Reduction:

Acoustic Feasibility (5 dBA reduction for 50% of front-row):

0

0.0%

No

0

0.0%

No

0

0.0%

No

0

0.0%

No

0

0.0%

No

Feasible and Reasonable:

No

No

No

No

No



|                                           |      |    |
|-------------------------------------------|------|----|
| Total Wall Length                         | 525  | ft |
| Length of Activity Category C/E Land Use: | 0    | ft |
| Wall Cost per sq ft:                      | \$20 |    |
| Cost of items critical to safety:         | \$0  |    |
| # of First Row Receivers:                 | 3    |    |

|                                                                     |           |           |           |           |
|---------------------------------------------------------------------|-----------|-----------|-----------|-----------|
| <b>Feasibility Factors:</b>                                         |           |           |           |           |
| # of First-Row 5 dBA Reduction:                                     | 0         | 0         | 0         | 1         |
| % of First-Row 5 dBA Reduction:                                     | 0.0%      | 0.0%      | 0.0%      | 33.3%     |
| <b>Acoustic Feasibility (5 dBA reduction for 50% of front-row):</b> | <b>No</b> | <b>No</b> | <b>No</b> | <b>No</b> |

# of First-Row 5 dBA Reduction:

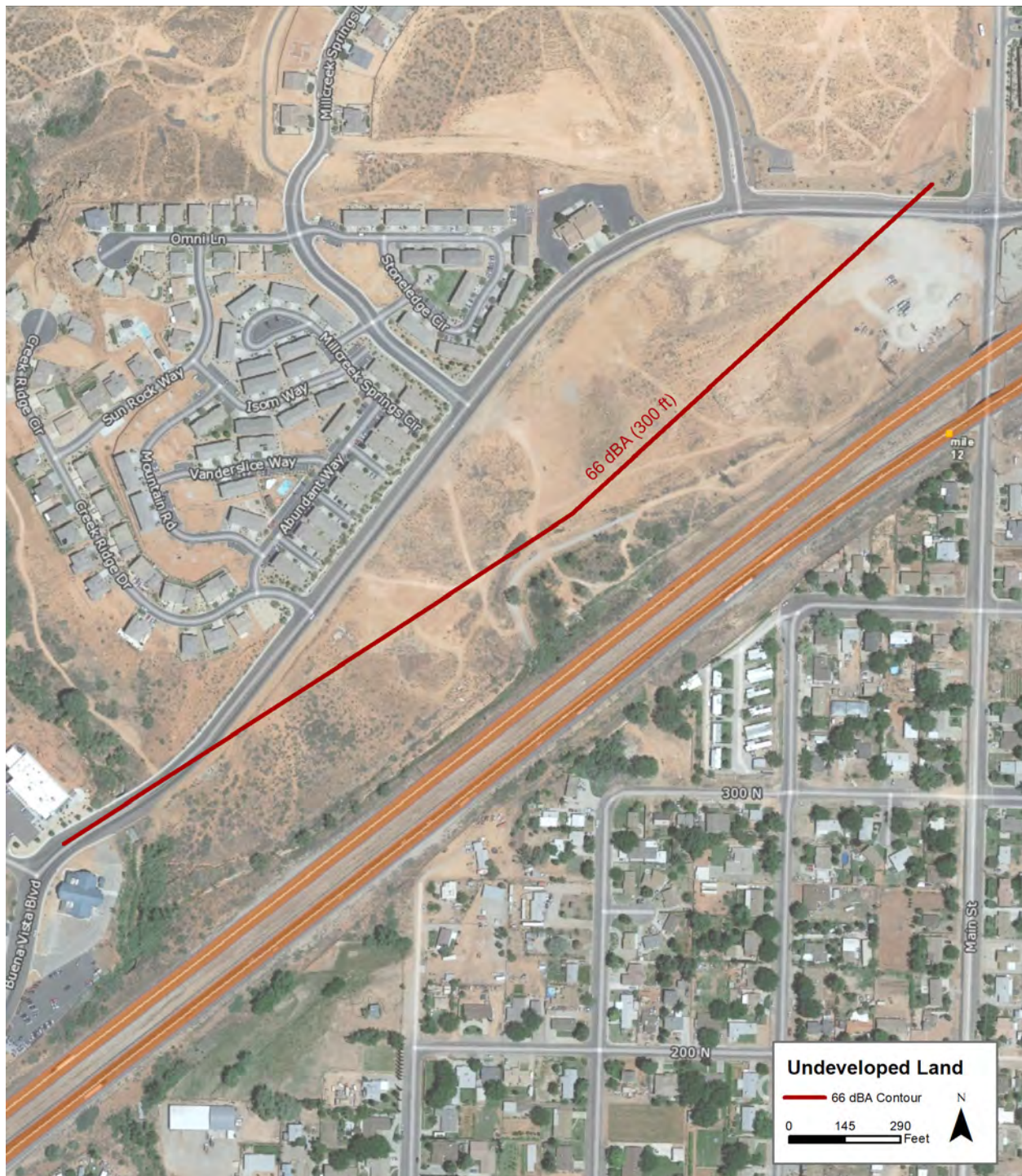
% of First-Row 5 dBA Reduction:  
Reduction for 50% of front row

Feasible and Reasonable:

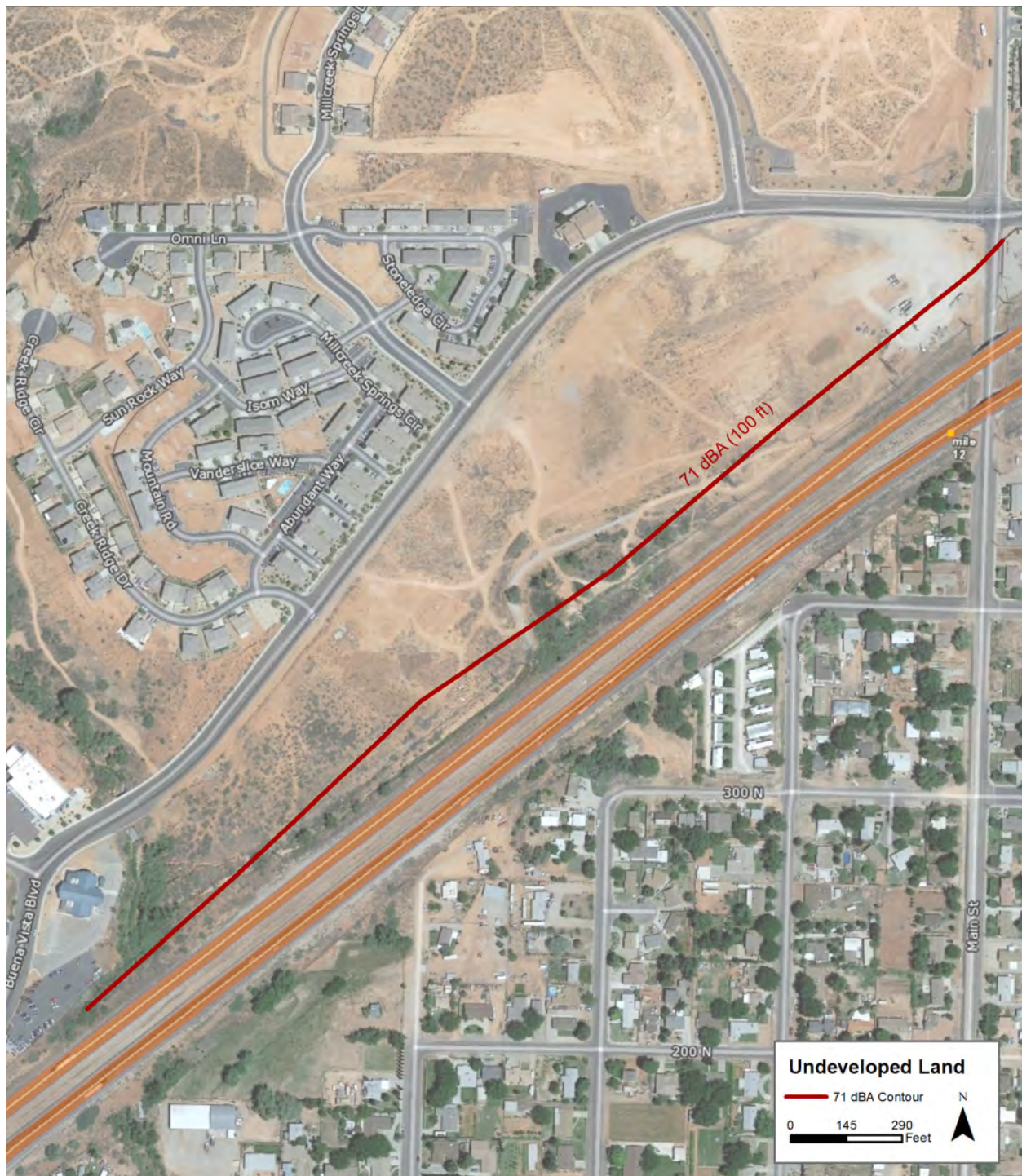
**Feasible and Reasonable.**



## APPENDIX F: NOISE LEVELS ON UNDEVELOPED LANDS



*Figure F-1 66 dBA noise level on undeveloped land.*



*Figure F-2 71 dBA noise level on undeveloped land.*