APPENDIX H
Construction Noise Calculations
Case Description: Construction Noise to 513 A Street from Future Structure Relocation

---- Receptor #1 ----

<table>
<thead>
<tr>
<th>Description</th>
<th>Land Use</th>
<th>Baselines (dBA)</th>
<th>Daytime</th>
<th>Evening</th>
<th>Night</th>
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<tbody>
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<th>Impact Lmax</th>
<th>Actual Lmax</th>
<th>Receptor Distance (feet)</th>
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<th>Noise Limit Exceedance (dBA)</th>
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## Report date:
2/18/2019

## Case Description:
Caritas Center - Phase 1 - Construction Stage 1 Demolition

### Receptor #1

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Total 75.1 69.7 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
## Receptor #1

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Report date: 2/18/2019
Case Description: Caritas Center - Phase 1 - Construction Stage 3 Grading

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--- Receptor #1 ---

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<th>Evening</th>
<th>Night</th>
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### Equipment

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### Receptor #1

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#### Results

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Report date: 2/18/2019
Case Description: Caritas Homes - Phase 2 - Construction Stage 1 Demolition

### Receptor #1

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Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 2/18/2019
Case Description: Caritas Homes - Phase 2 - Construction Stage 2 Site Preparation

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**Results**

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### Roadway Construction Noise Model (RCNM), Version 1.1

**Report date:** 2/18/2019  
**Case Description:** Caritas Homes - Phase 2 - Construction Stage 5 Paving

#### Receptor #1

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#### Results

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Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 2/18/2019
Case Description: Caritas Homes - Phase 2 - Construction Stage 6 Architectural Coating

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Report date: 2/18/2019
Case Description: Caritas Homes - Phase 3 - Construction Stage 2 Site Preparation

### Receptor #1

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Total: 77.9, 73.9
Report date: 2/18/2019  
Case Description: Caritas Homes - Phase III - Construction Stage 3 Grading

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Results

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<td>79.9</td>
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</table>
Report date: 2/18/2019  
Case Description: Caritas Homes - Phase 3 - Construction Stage 5 Paving

### Receptor #1

<table>
<thead>
<tr>
<th>Description</th>
<th>Land Use</th>
<th>Baselines (dBA)</th>
<th>Daytime</th>
<th>Evening</th>
<th>Night</th>
</tr>
</thead>
<tbody>
<tr>
<td>700 Morgan Street Home</td>
<td>Residential</td>
<td>62.6</td>
<td>59.4</td>
<td>56.1</td>
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<table>
<thead>
<tr>
<th>Equipment</th>
<th>Device</th>
<th>Usage(%)</th>
<th>Spec Lmax (dBA)</th>
<th>Actual Lmax (dBA)</th>
<th>Distance (feet)</th>
<th>Shielding (dBA)</th>
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</thead>
<tbody>
<tr>
<td>Concrete Mixer Truck</td>
<td>No</td>
<td>40</td>
<td>78.8</td>
<td>122.8</td>
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<tr>
<td>Concrete Mixer Truck</td>
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<td>78.8</td>
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### Results

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Calculated (dBA)</th>
<th>Noise Limits (dBA)</th>
<th>Noise Limit Exceedance (dBA)</th>
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</thead>
<tbody>
<tr>
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<td>Lmax</td>
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<td>Lmax</td>
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<tr>
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<td>67</td>
<td>N/A</td>
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<tr>
<td>Concrete Mixer Truck</td>
<td>71</td>
<td>67</td>
<td>N/A</td>
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<tr>
<td>Roller</td>
<td>72.2</td>
<td>65.2</td>
<td>N/A</td>
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<tr>
<td>Tractor</td>
<td>76.2</td>
<td>72.2</td>
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Total: 78.2 76.5 76.2
### Roadway Construction Noise Model (RCNM), Version 1.1

**Report date:** 2/18/2019  
**Case Description:** Caritas Homes - Phase 3 - Construction Stage 6 Architectural Coating

---- Receptor #1 ----

<table>
<thead>
<tr>
<th>Baselines (dBA)</th>
<th>Description</th>
<th>Land Use</th>
<th>Daytime</th>
<th>Evening</th>
<th>Night</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>700 Morgan Street Home</td>
<td>Residential</td>
<td>62.6</td>
<td>59.4</td>
<td>56.1</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Equipment</th>
<th>Spec Lmax (dBA)</th>
<th>Actual Lmax (dBA)</th>
<th>Receptor Distance (feet)</th>
<th>Estimated Shielding (dBA)</th>
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### Results

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<th>Noise Limit Exceedance (dBA)</th>
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<tbody>
<tr>
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