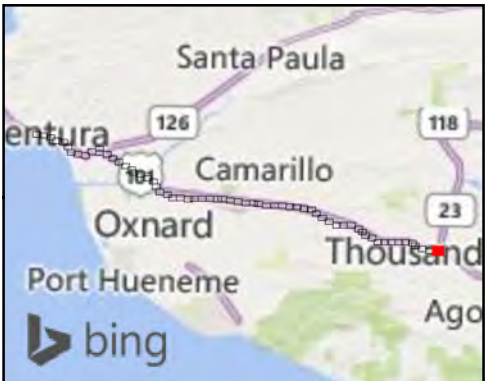


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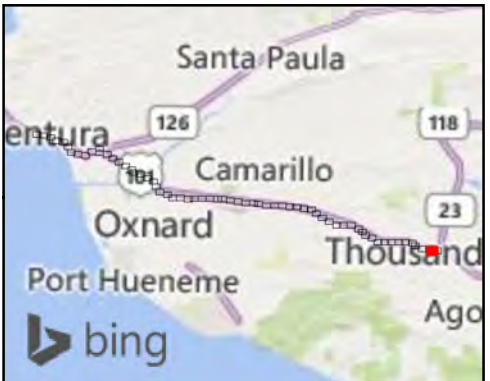
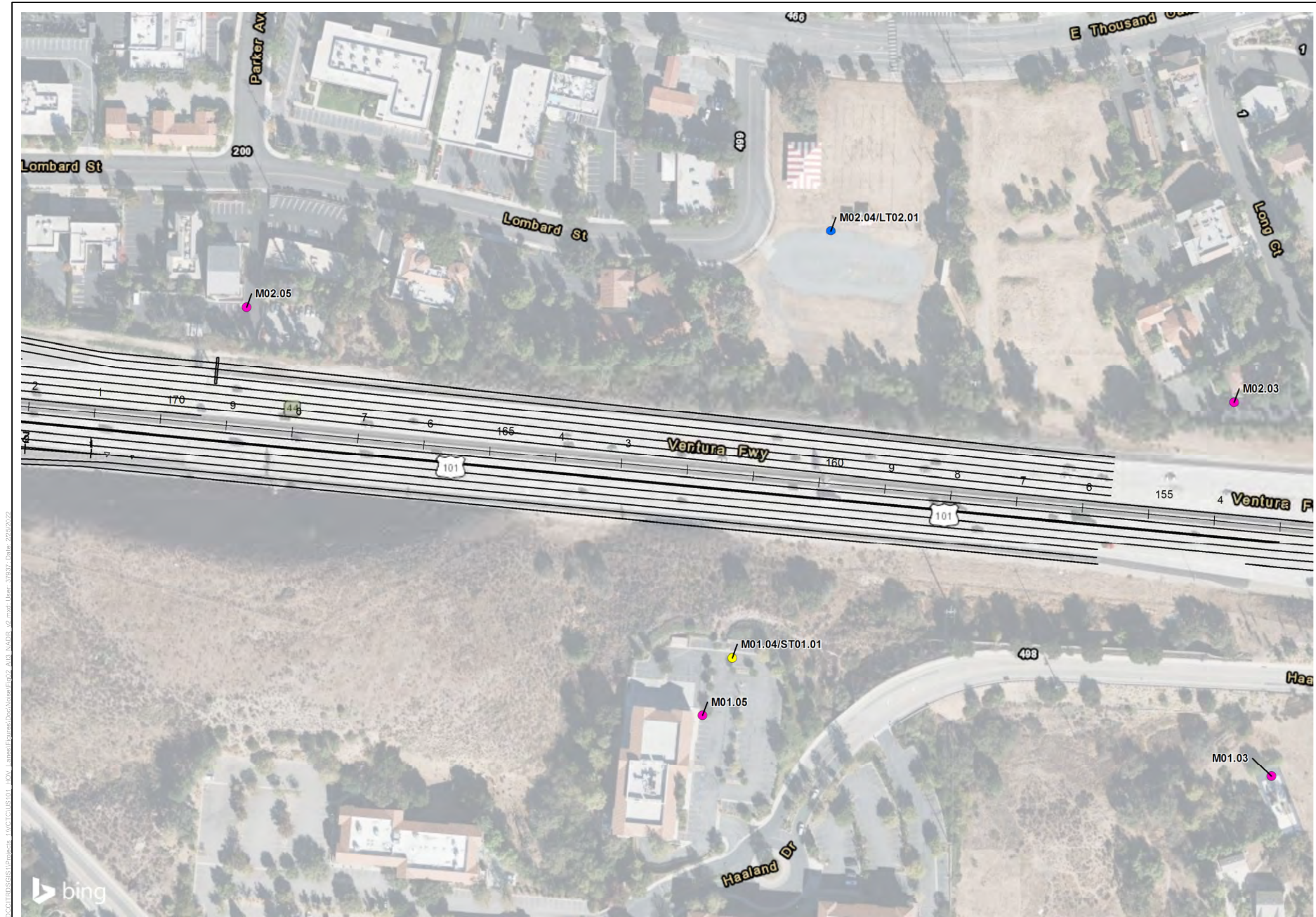
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 1 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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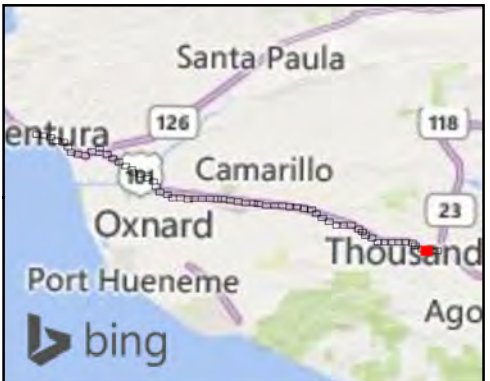
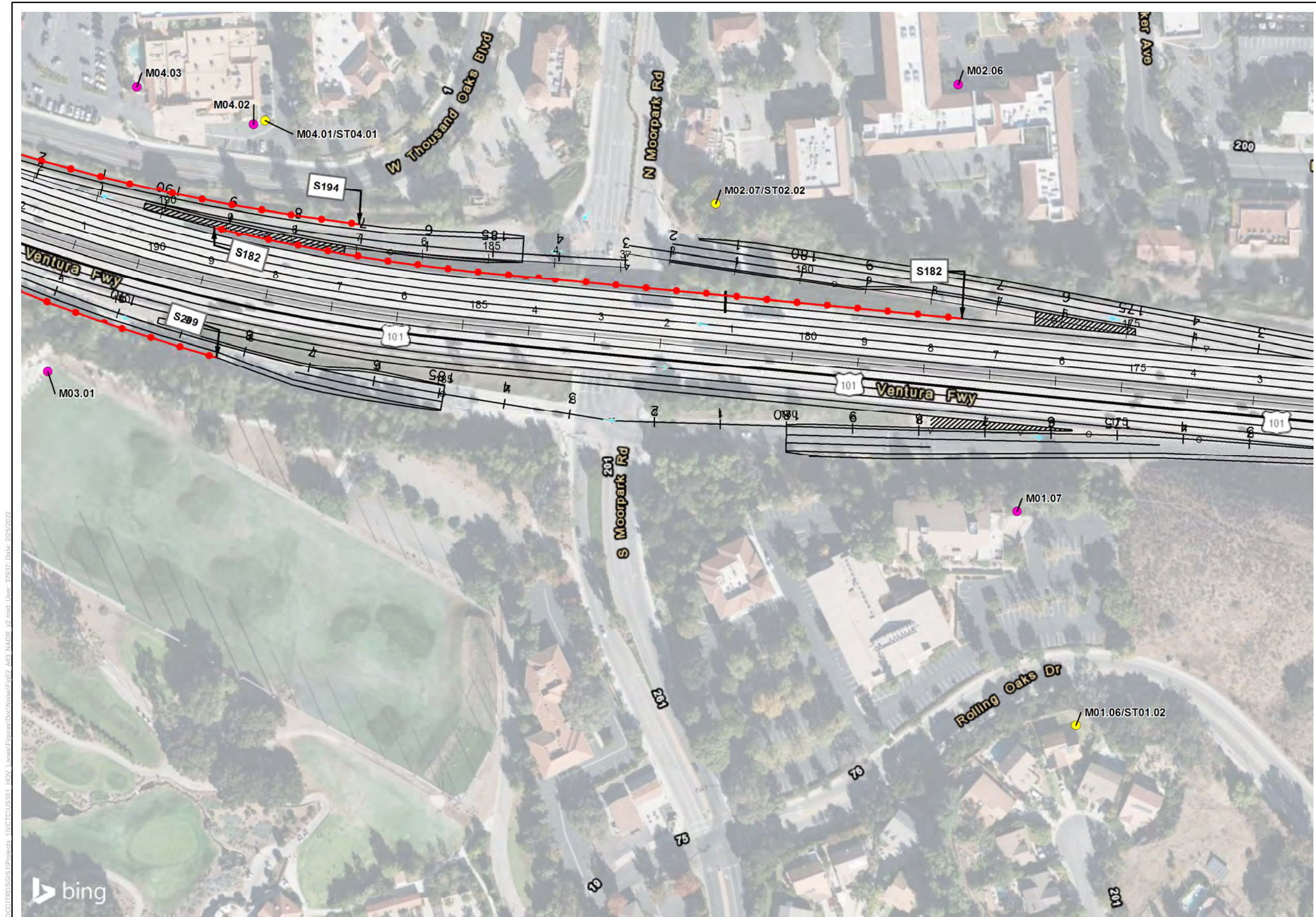


- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 2 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 3 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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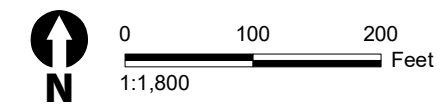
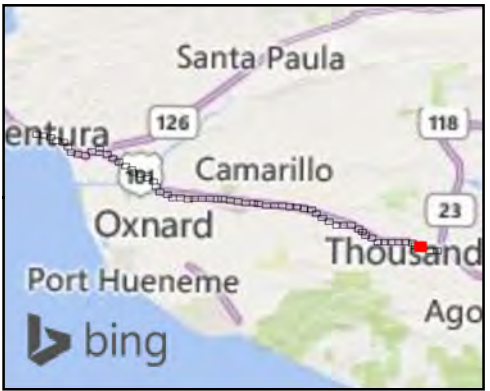


Figure 2, Sheet 4 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 5 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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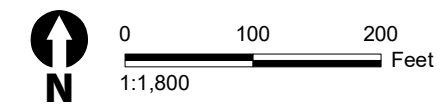
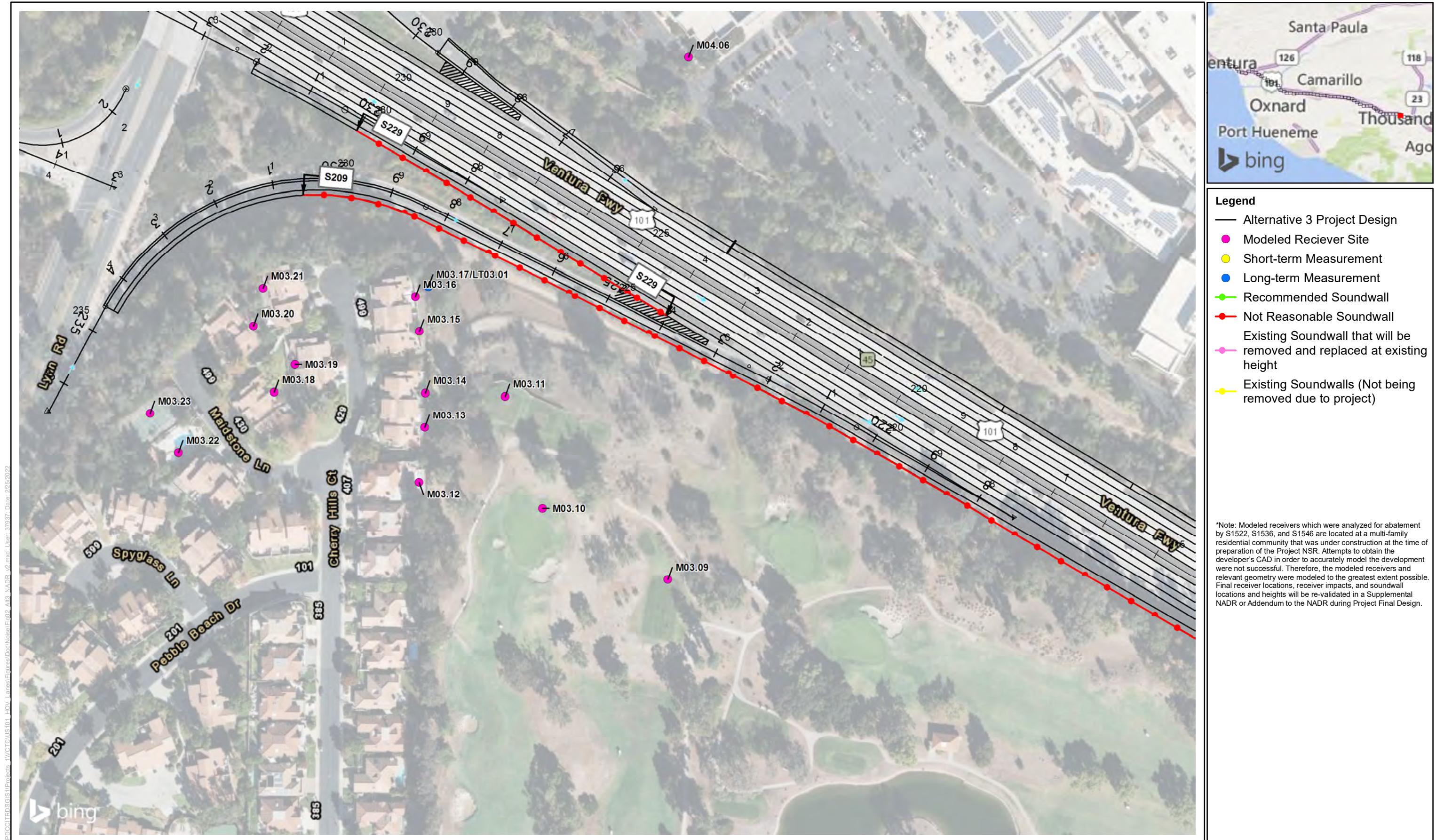
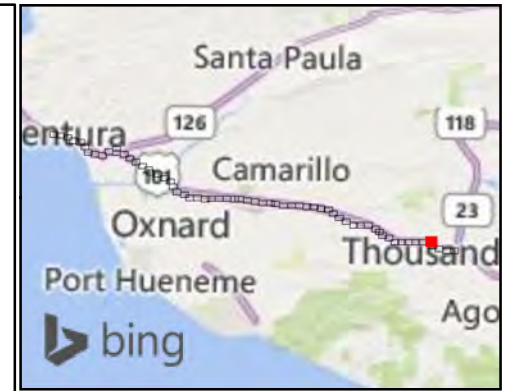


Figure 2, Sheet 6 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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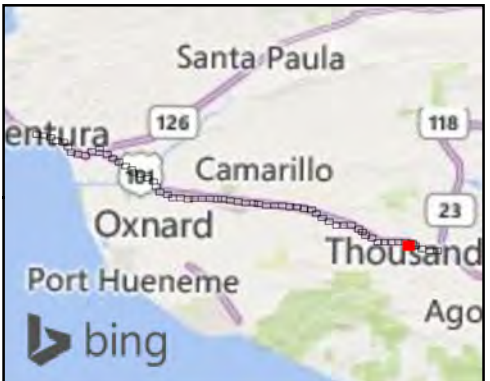
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 7 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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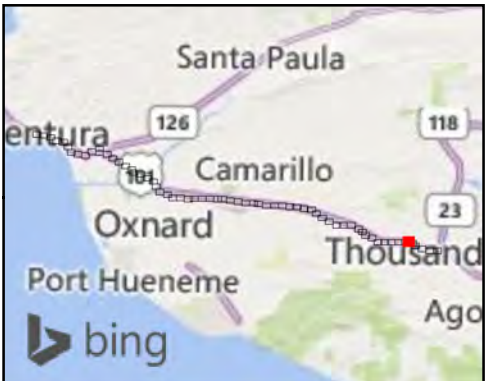
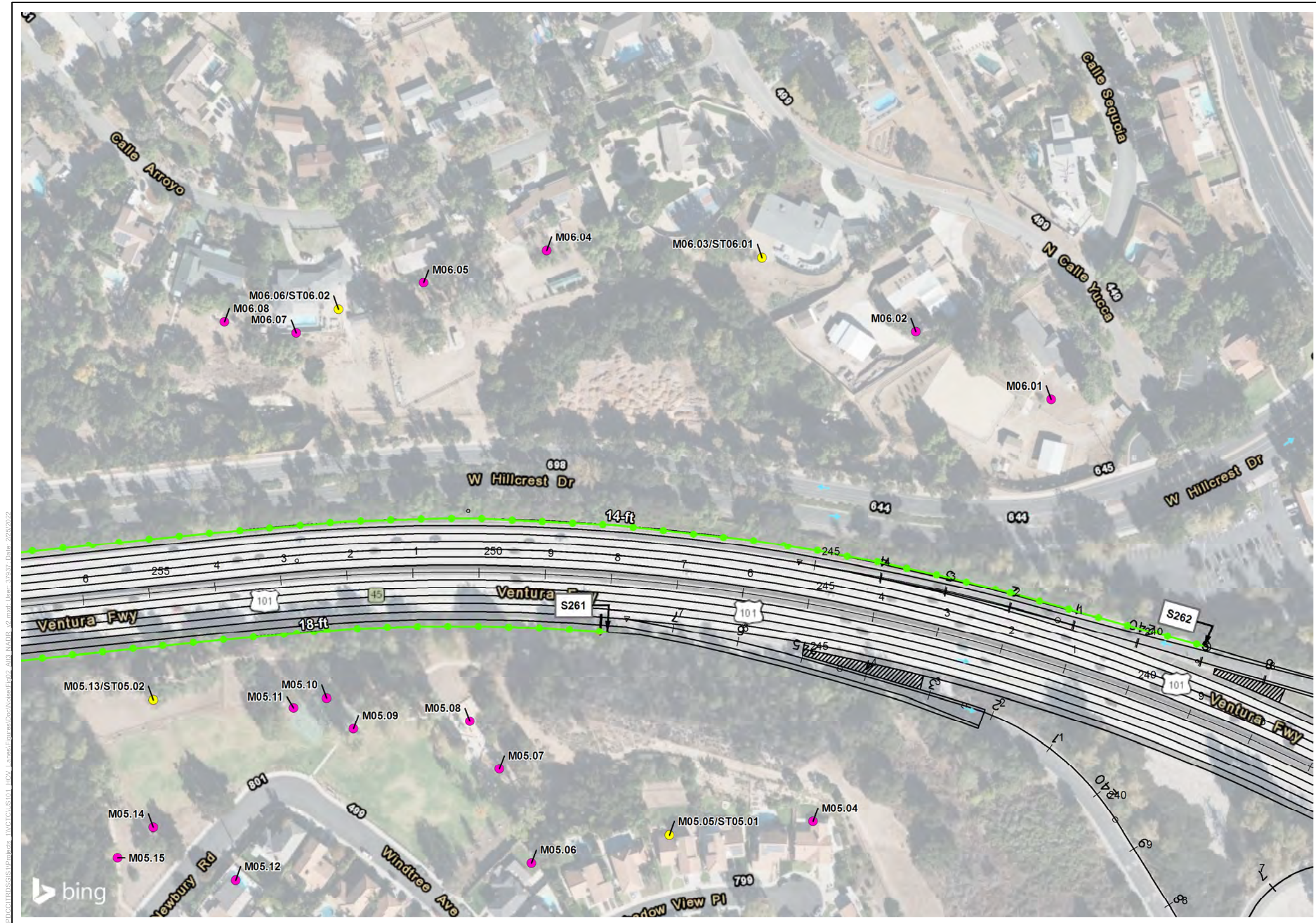
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 8 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 9 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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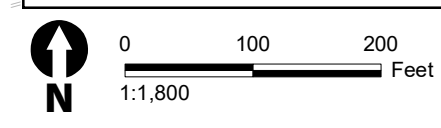
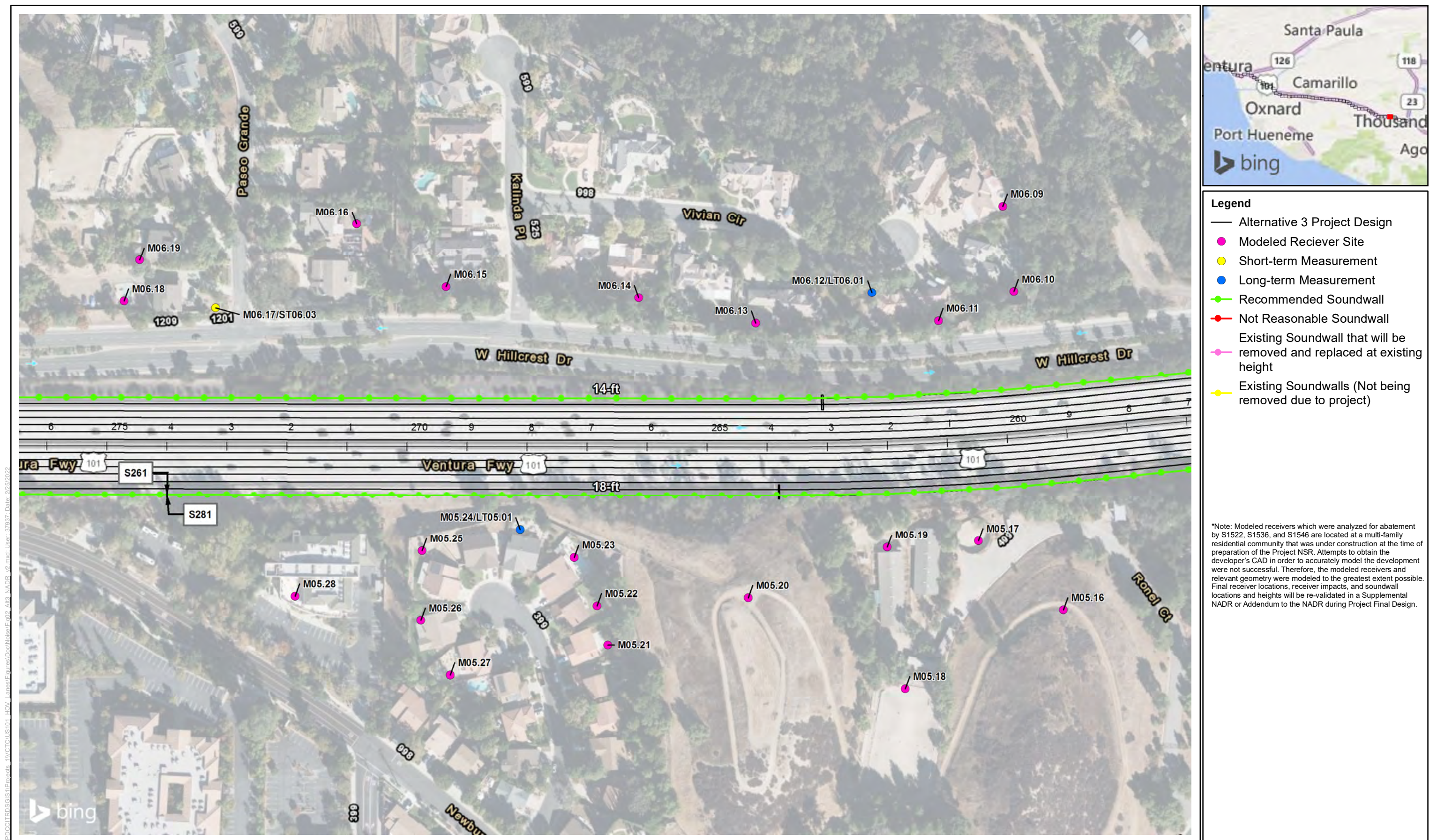
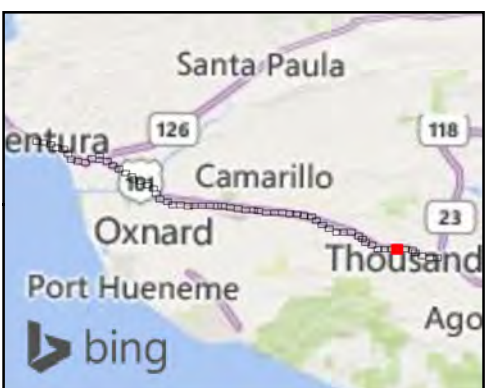
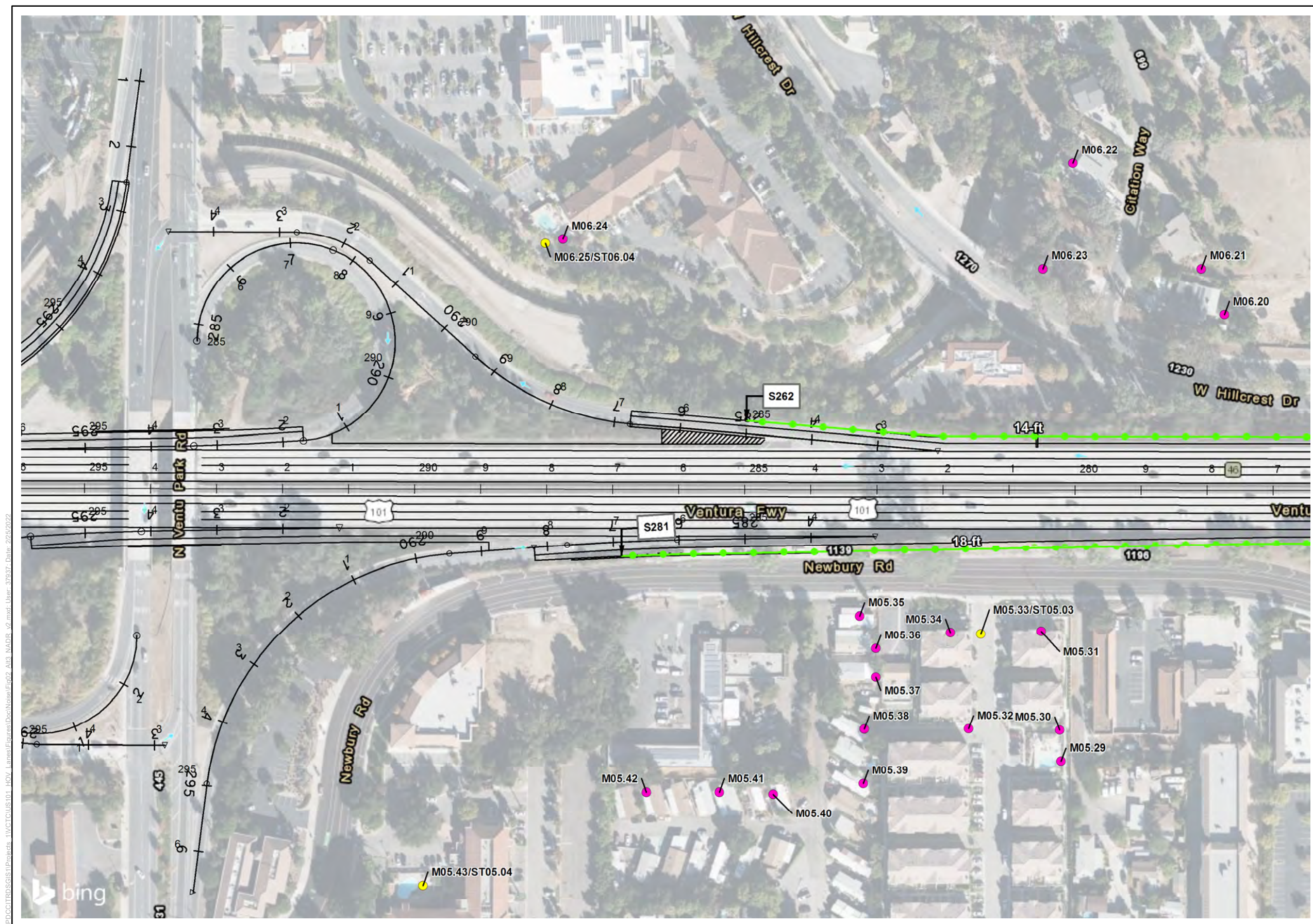


Figure 2, Sheet 10 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 11 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

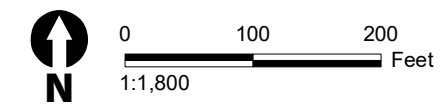
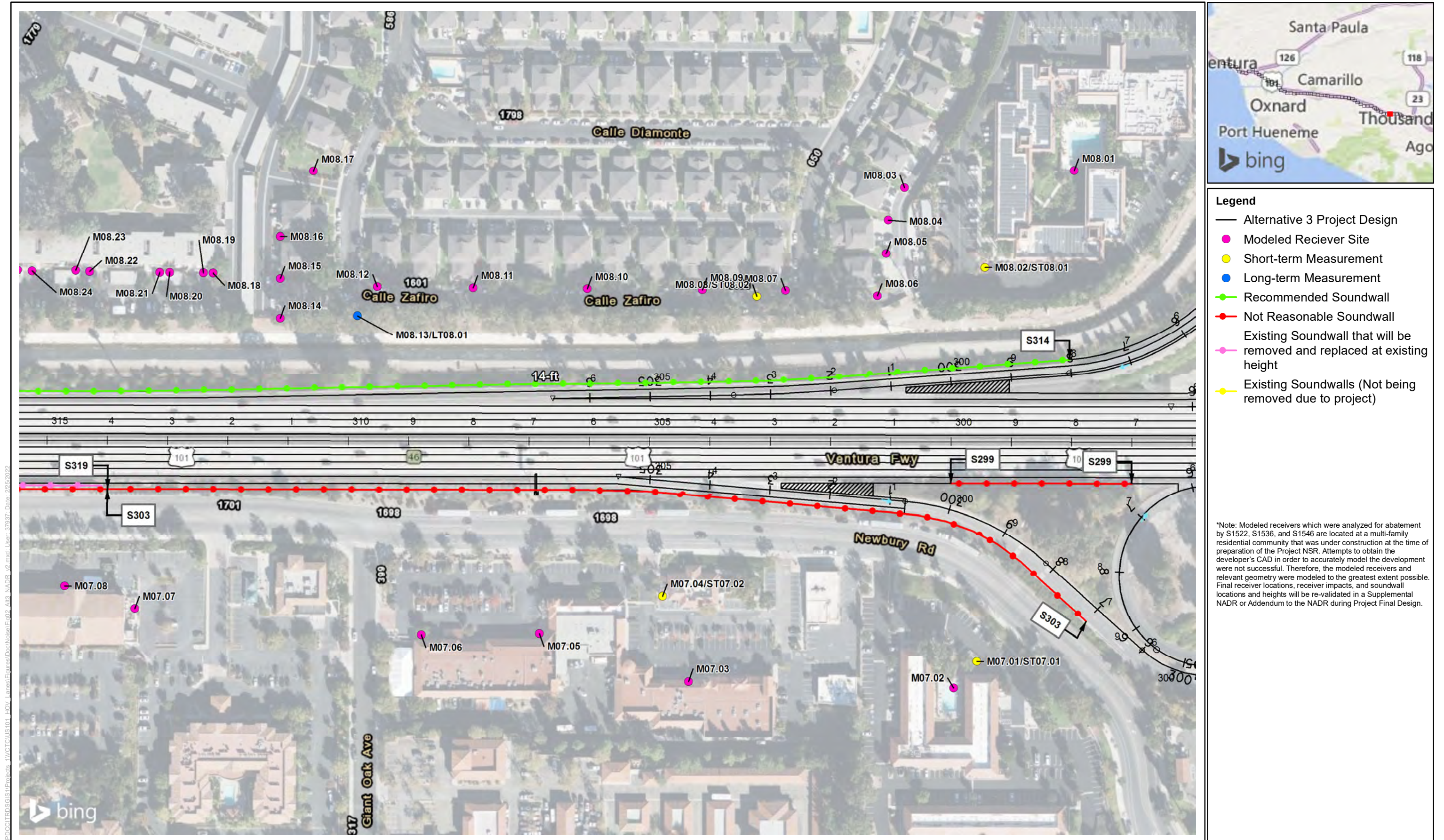


Figure 2, Sheet 12 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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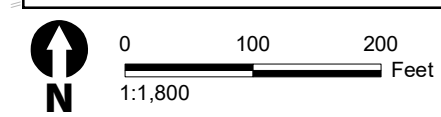
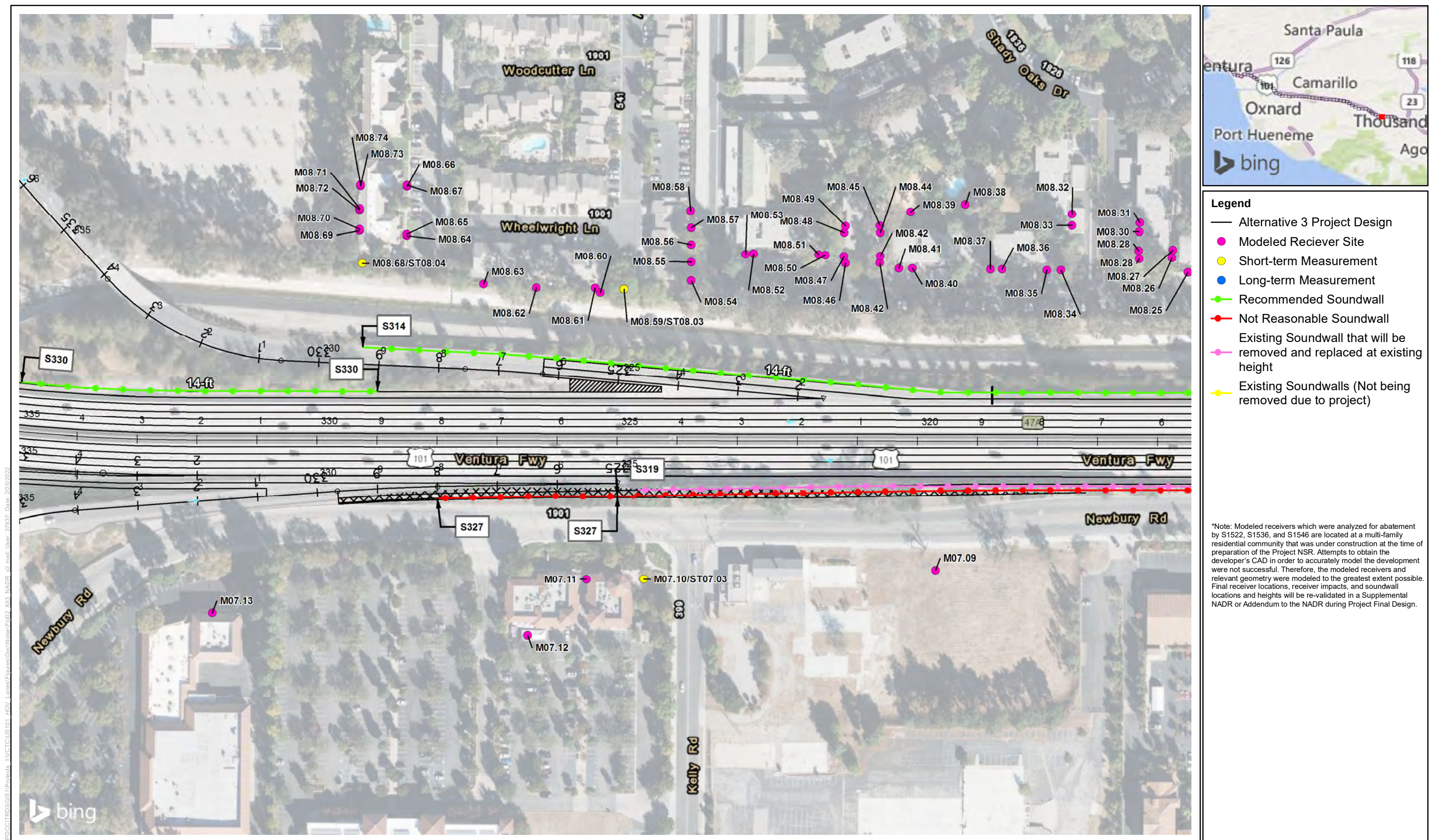
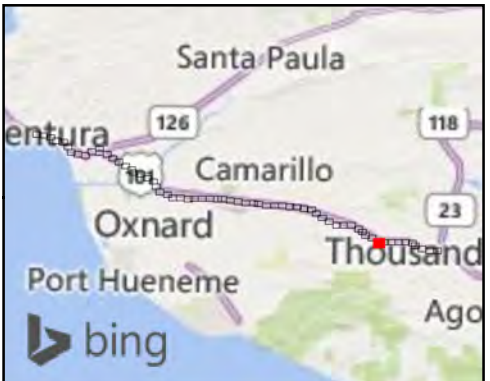
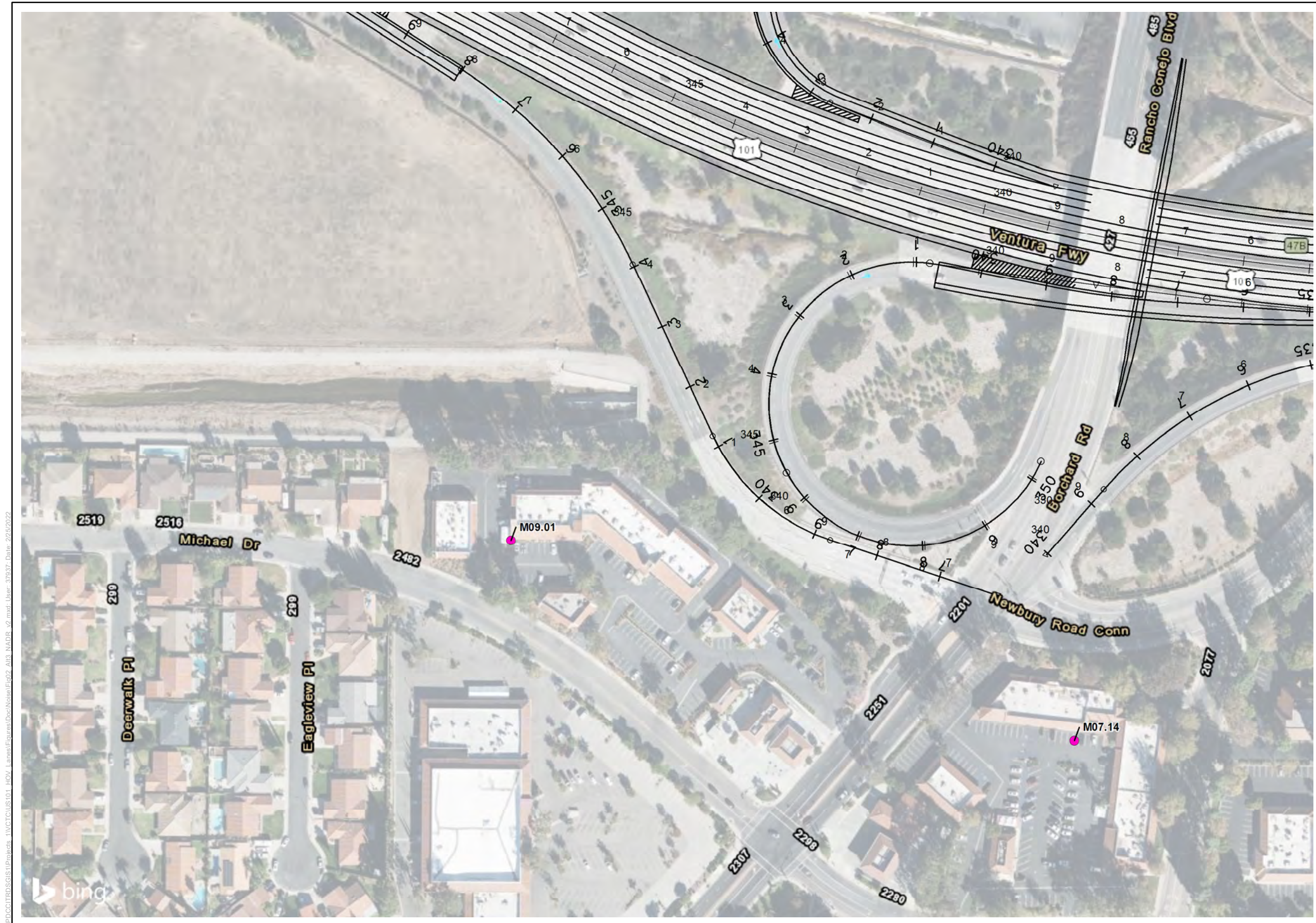


Figure 2, Sheet 13 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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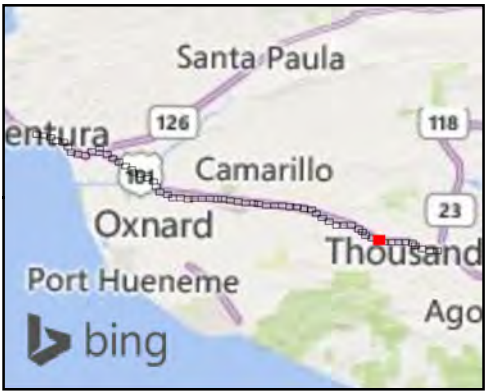
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 14 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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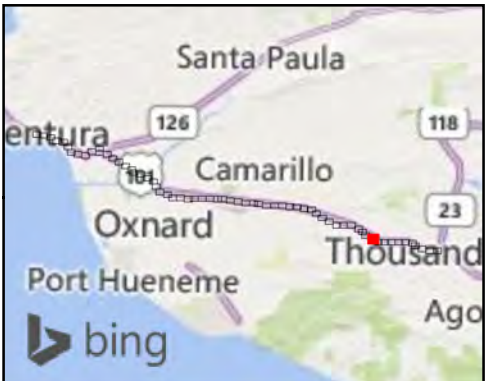
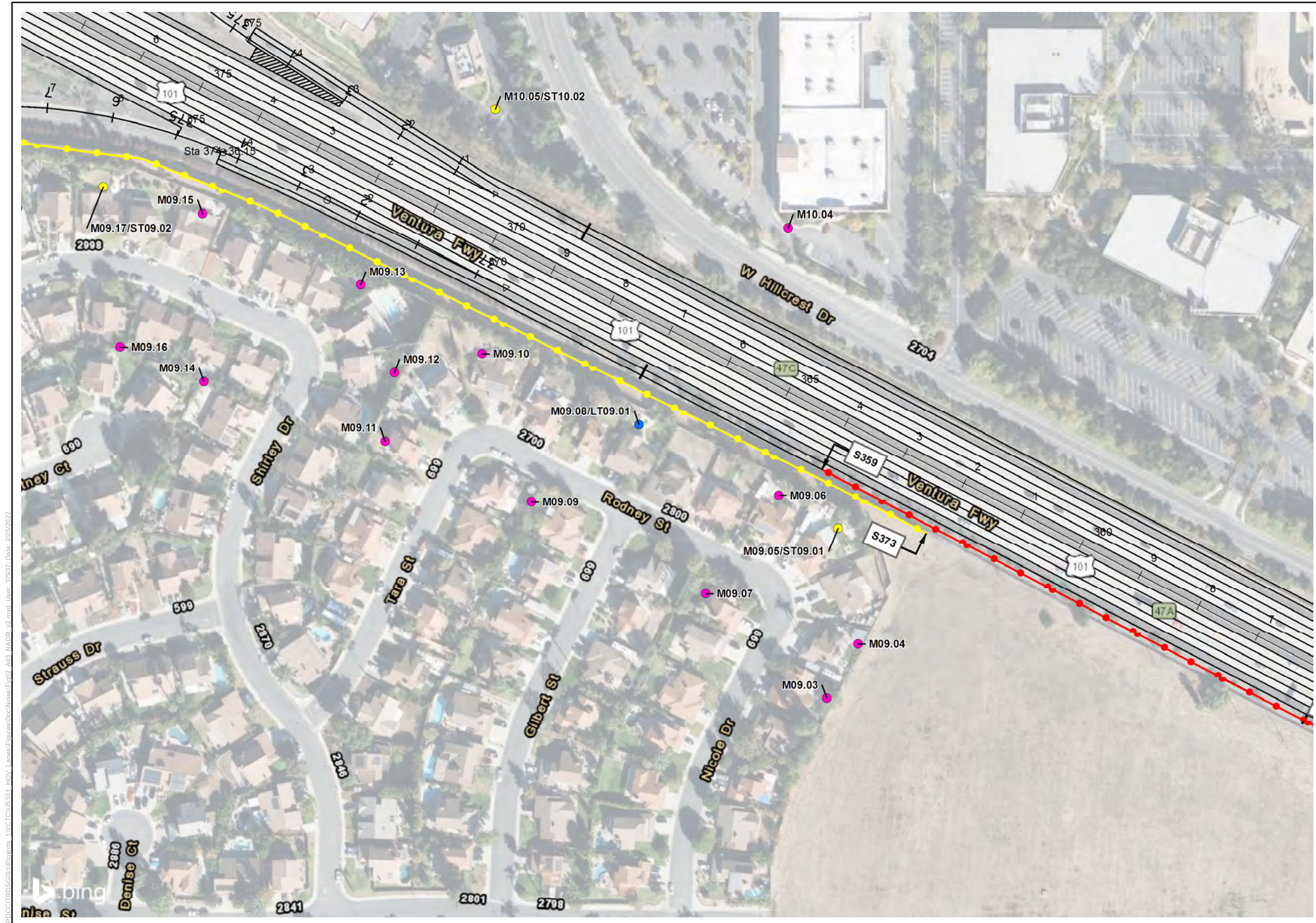
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
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Figure 2, Sheet 15 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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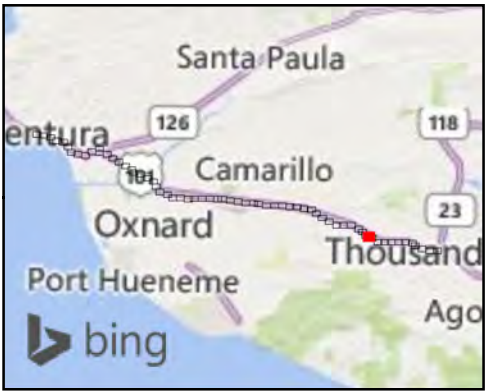
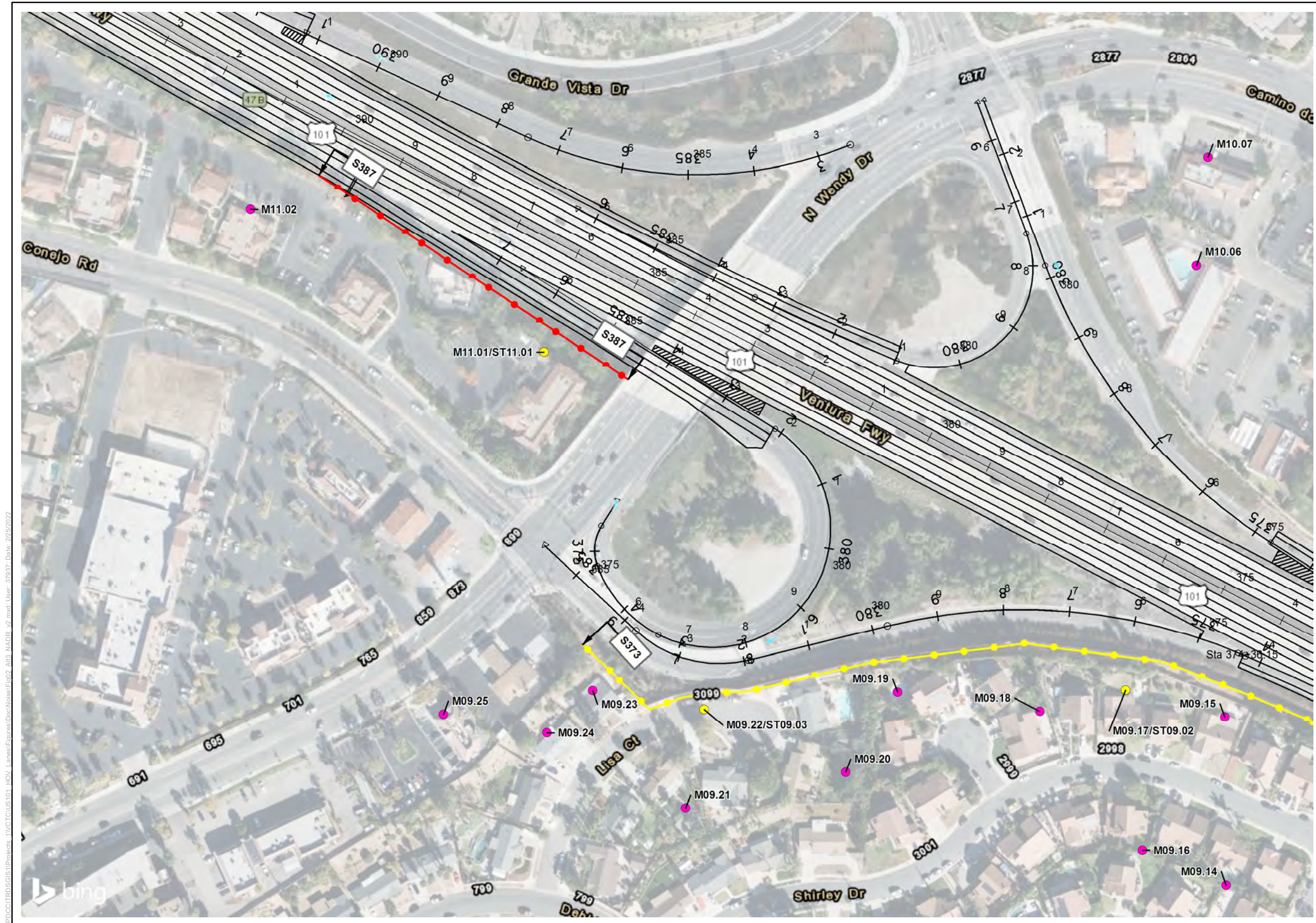
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 16 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 17 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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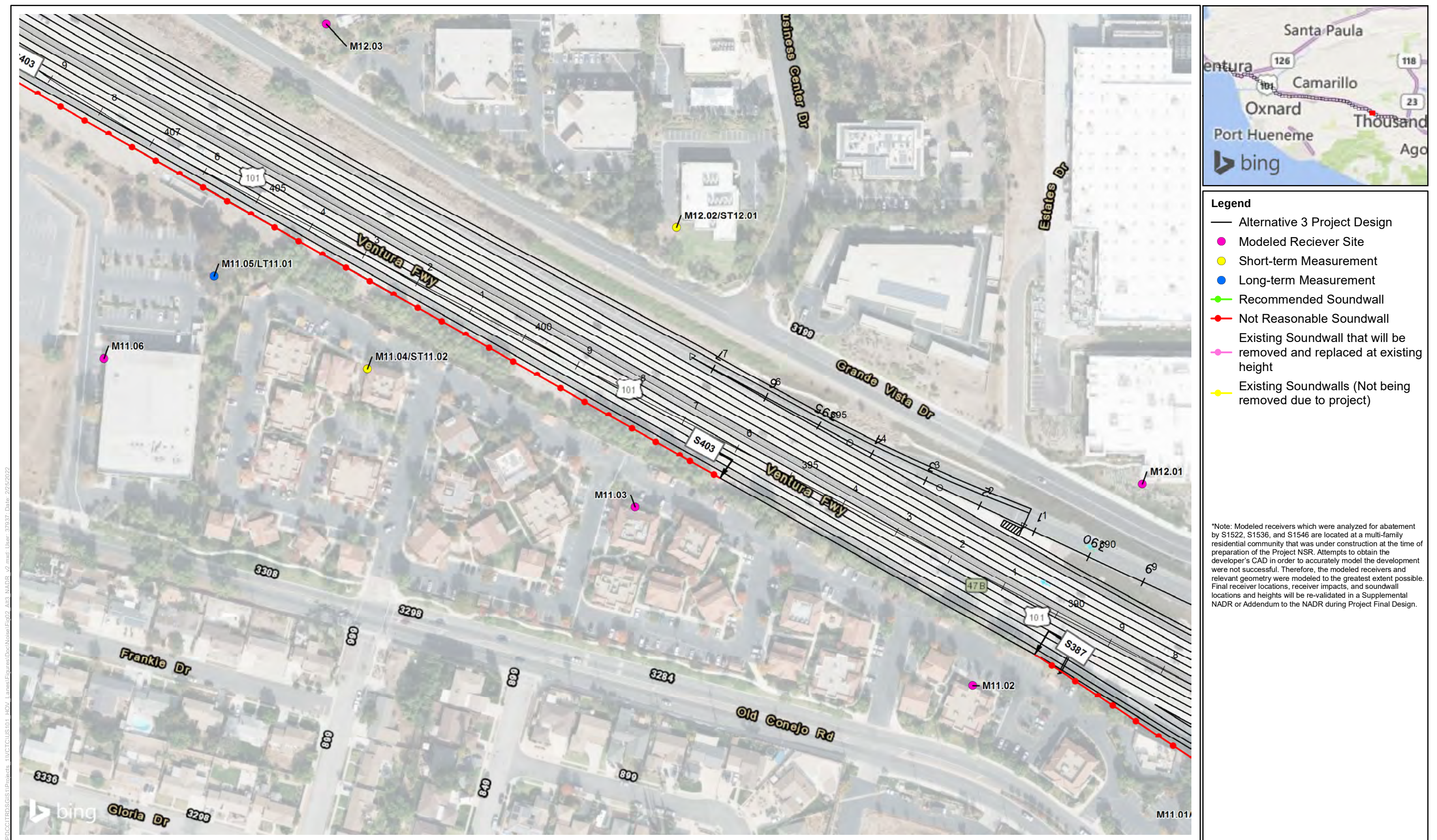


Figure 2, Sheet 18 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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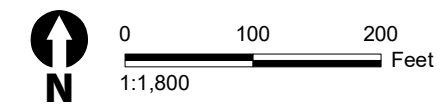
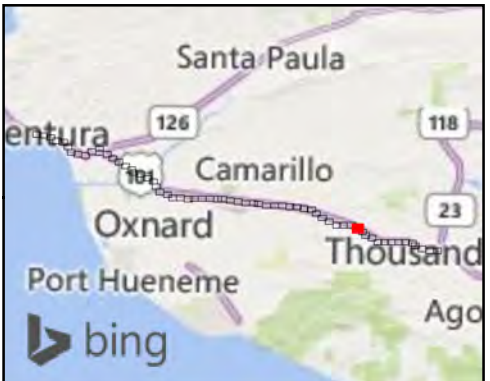


Figure 2, Sheet 19 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 20 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project



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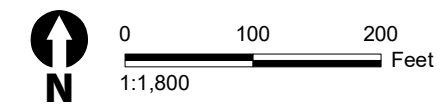


Figure 2, Sheet 22 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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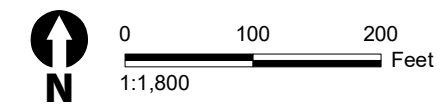


Figure 2, Sheet 23 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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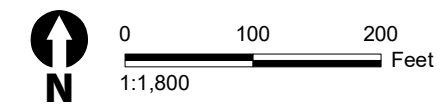


Figure 2, Sheet 24 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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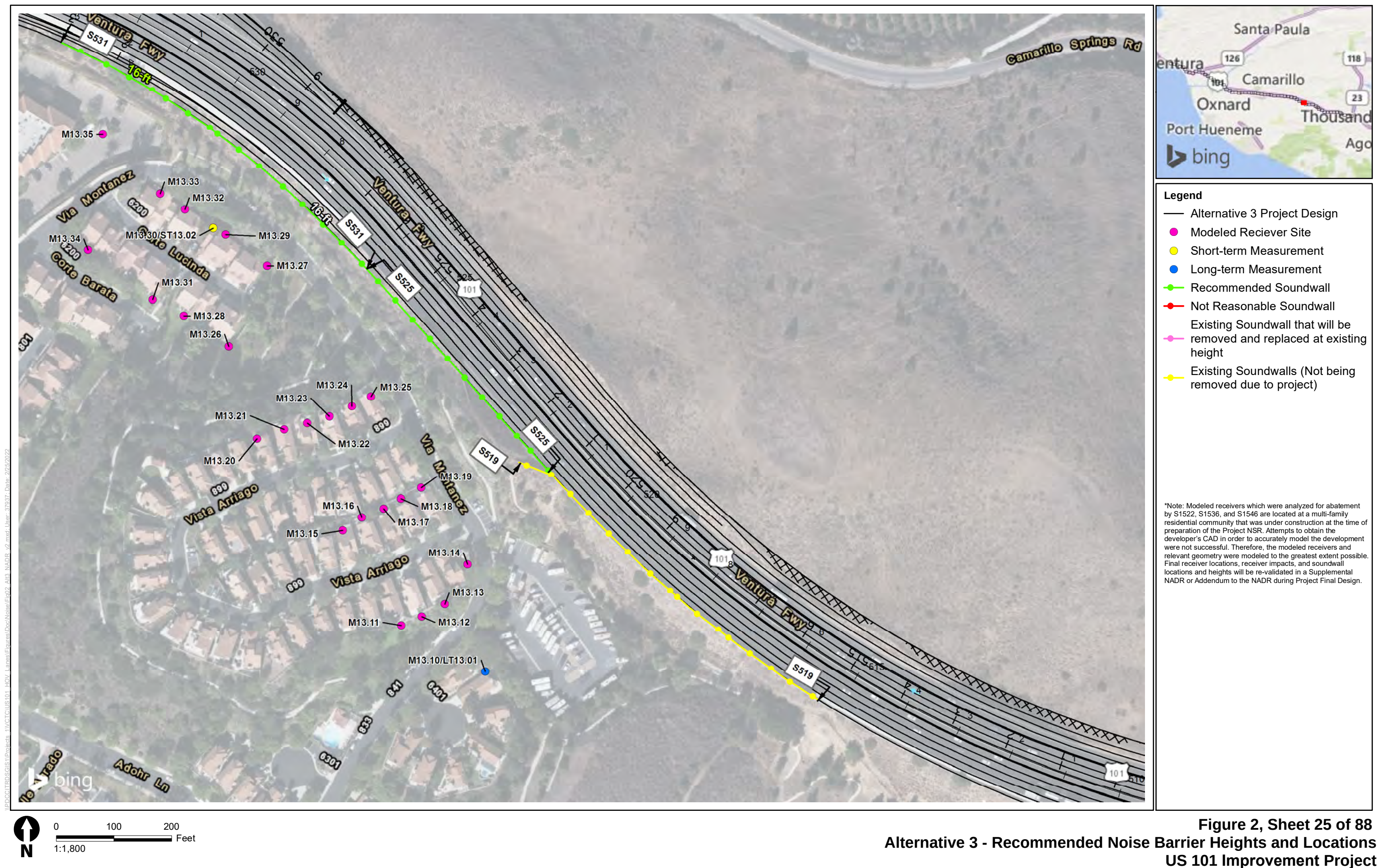


Figure 2, Sheet 25 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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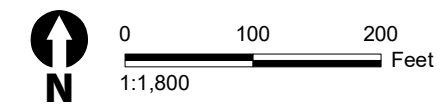
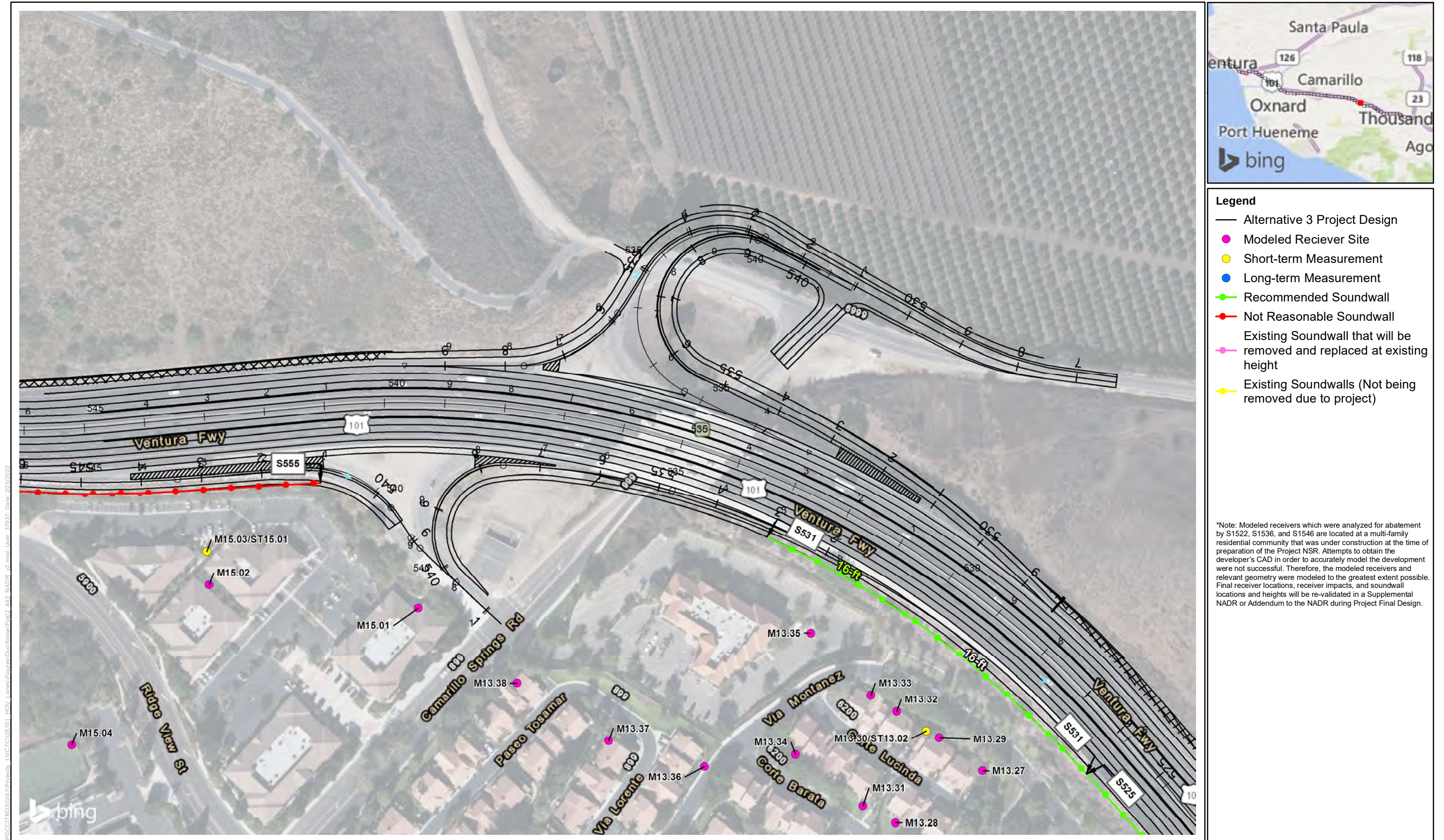
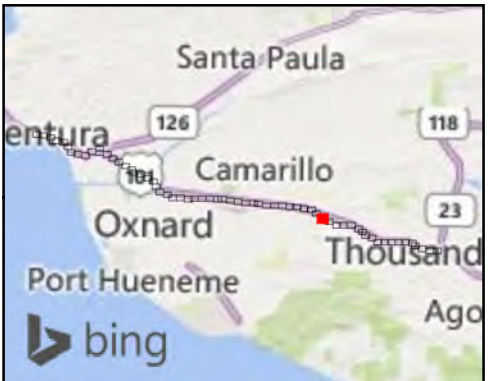


Figure 2, Sheet 26 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 27 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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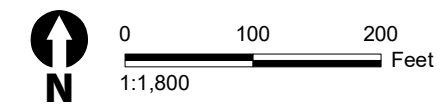
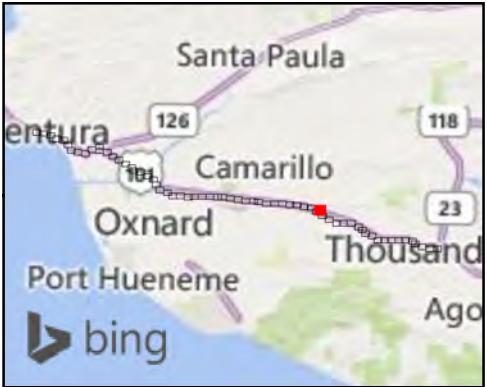


Figure 2, Sheet 28 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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Legend

- Alternative 3 Project Design
- Modeled Reciever Site
- Short-term Measurement
- Long-term Measurement
- Recommended Soundwall
- Not Reasonable Soundwall
- Existing Soundwall that will be removed and replaced at existing height
- Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.

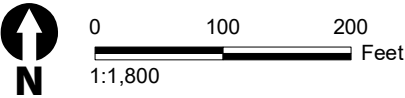
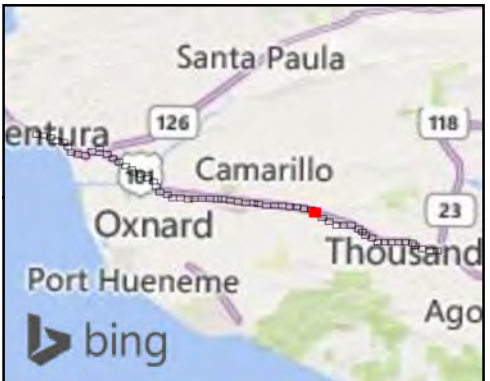


Figure 2, Sheet 29 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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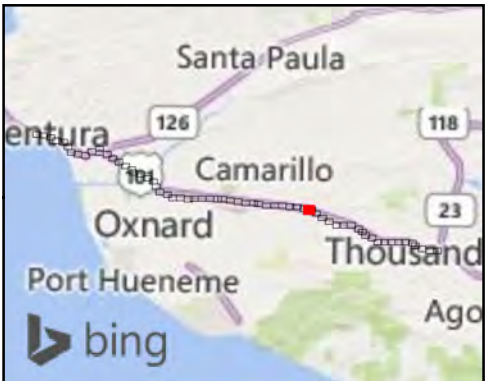
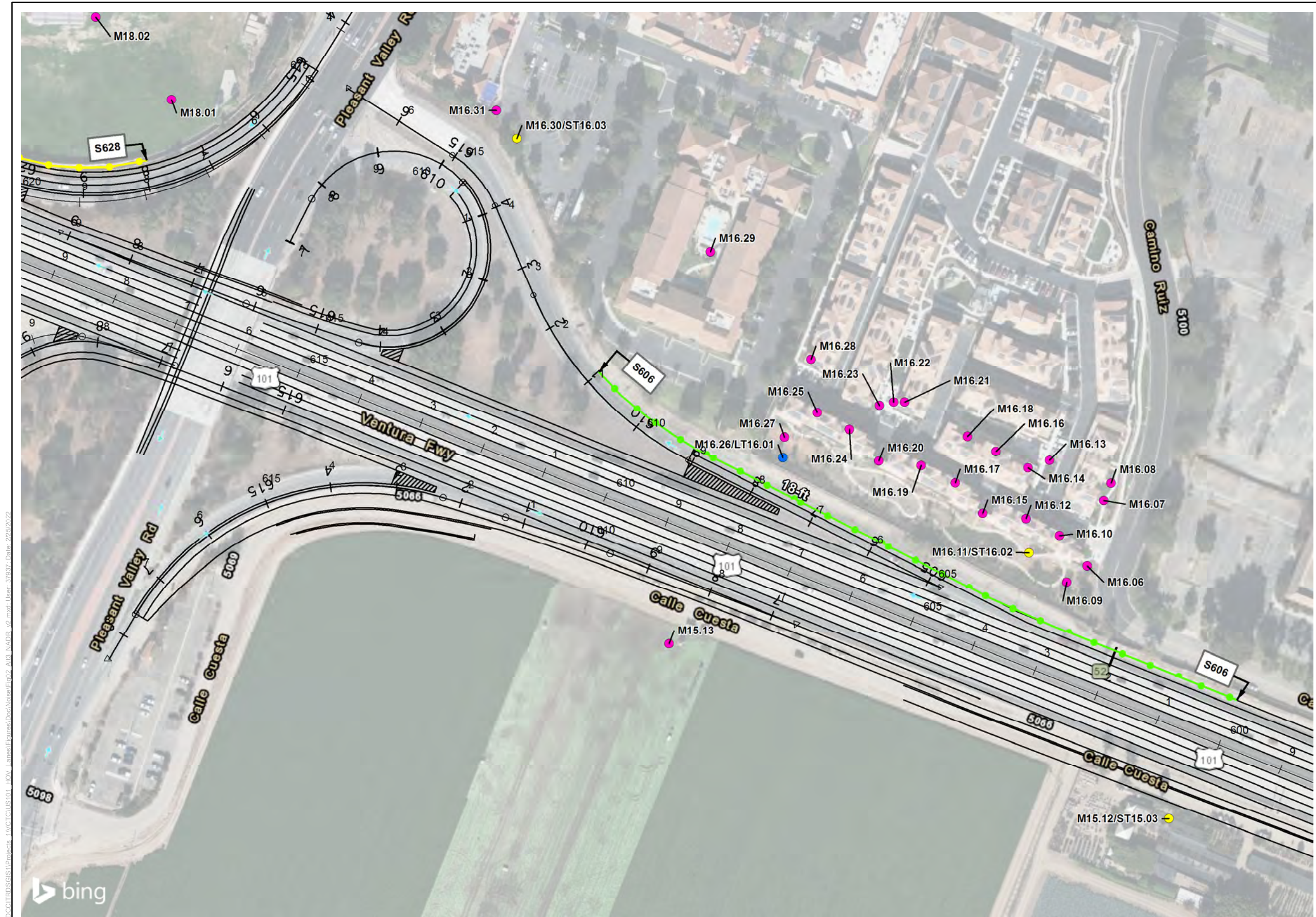
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 30 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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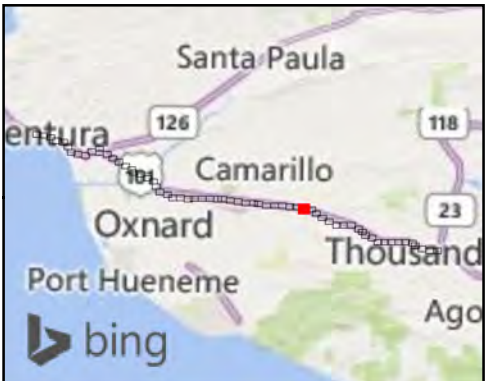
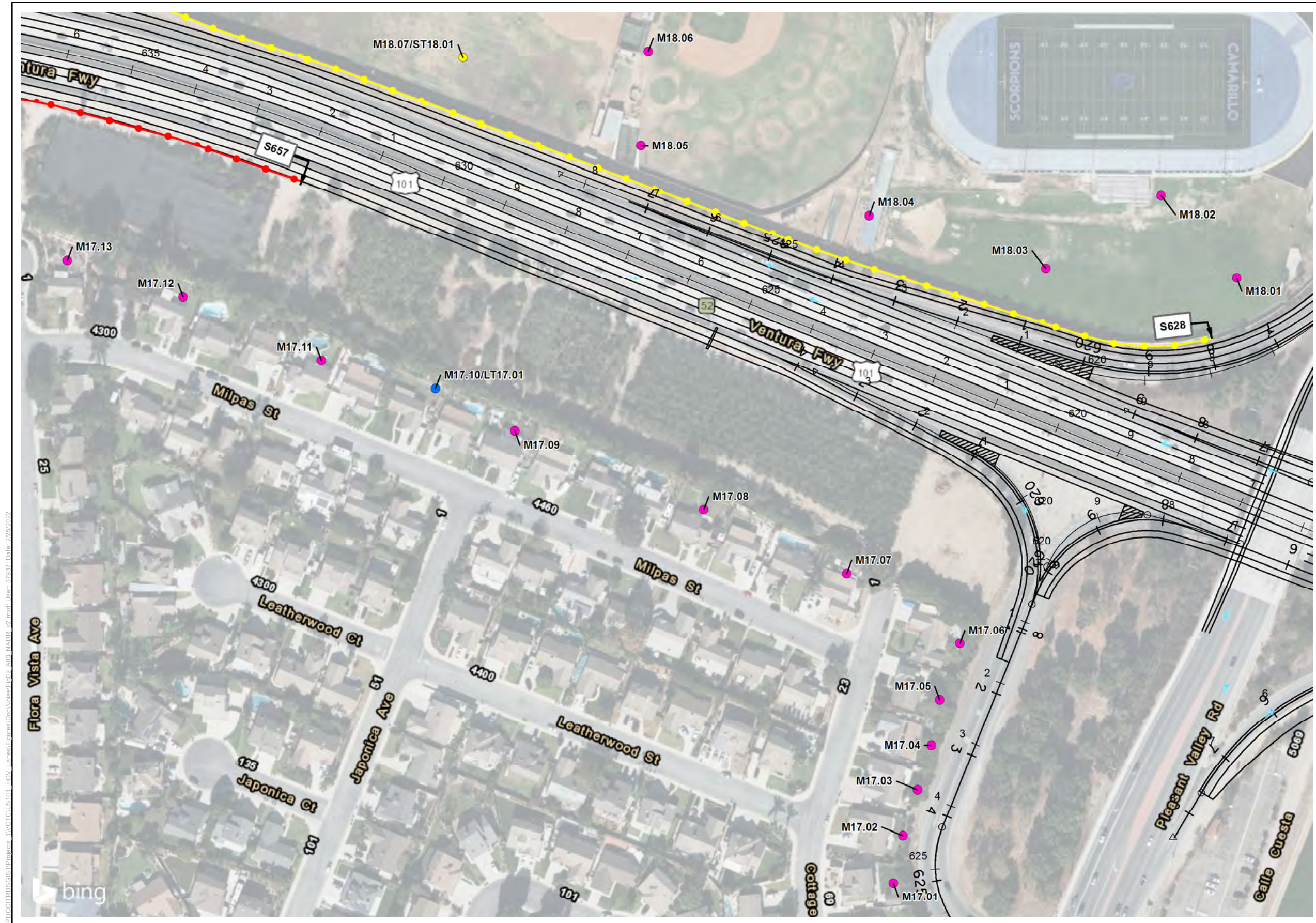
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 31 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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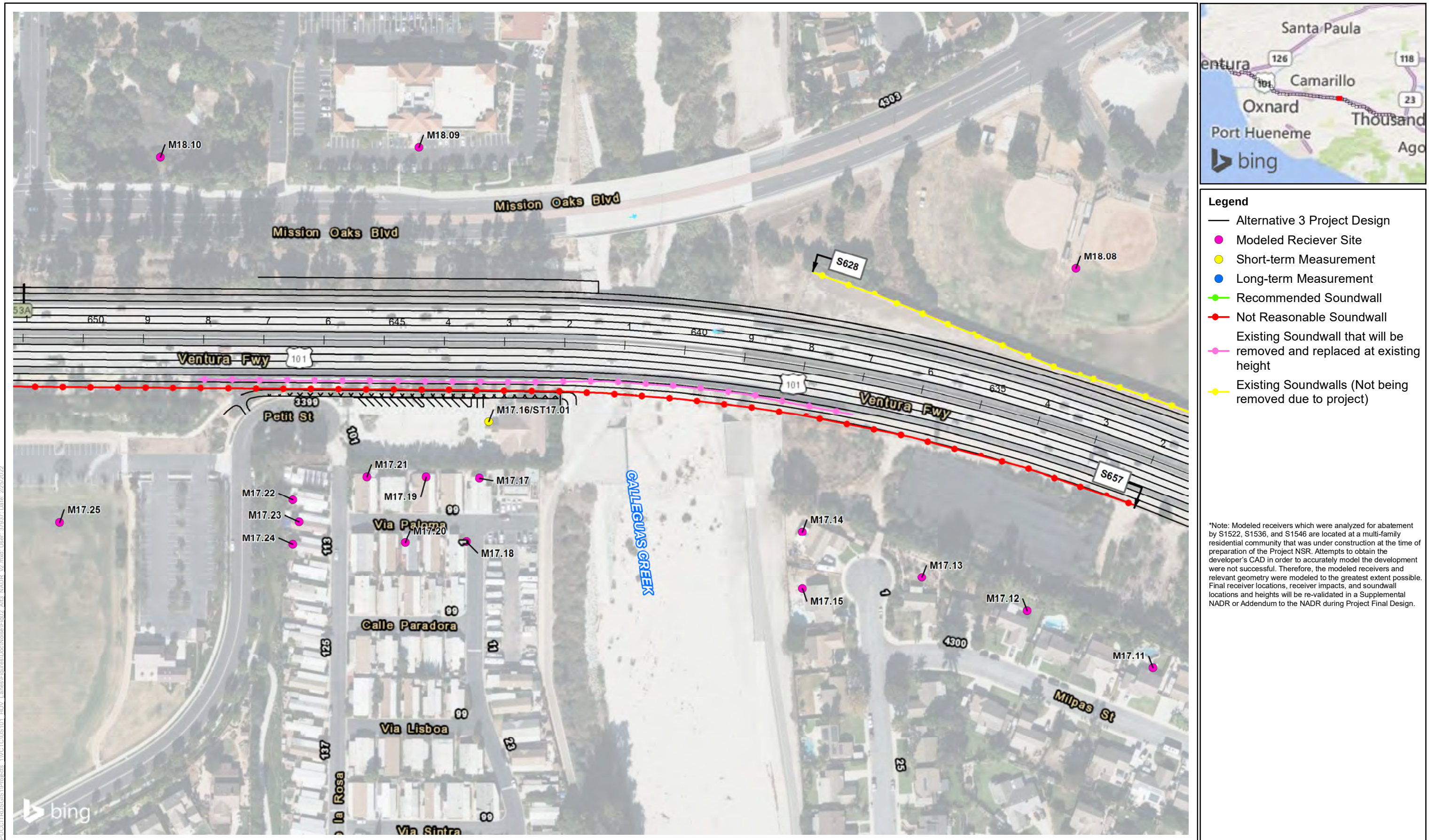


- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

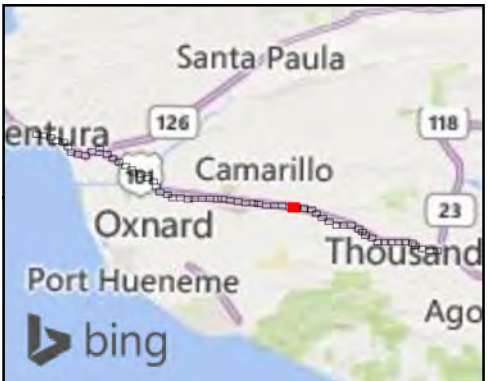
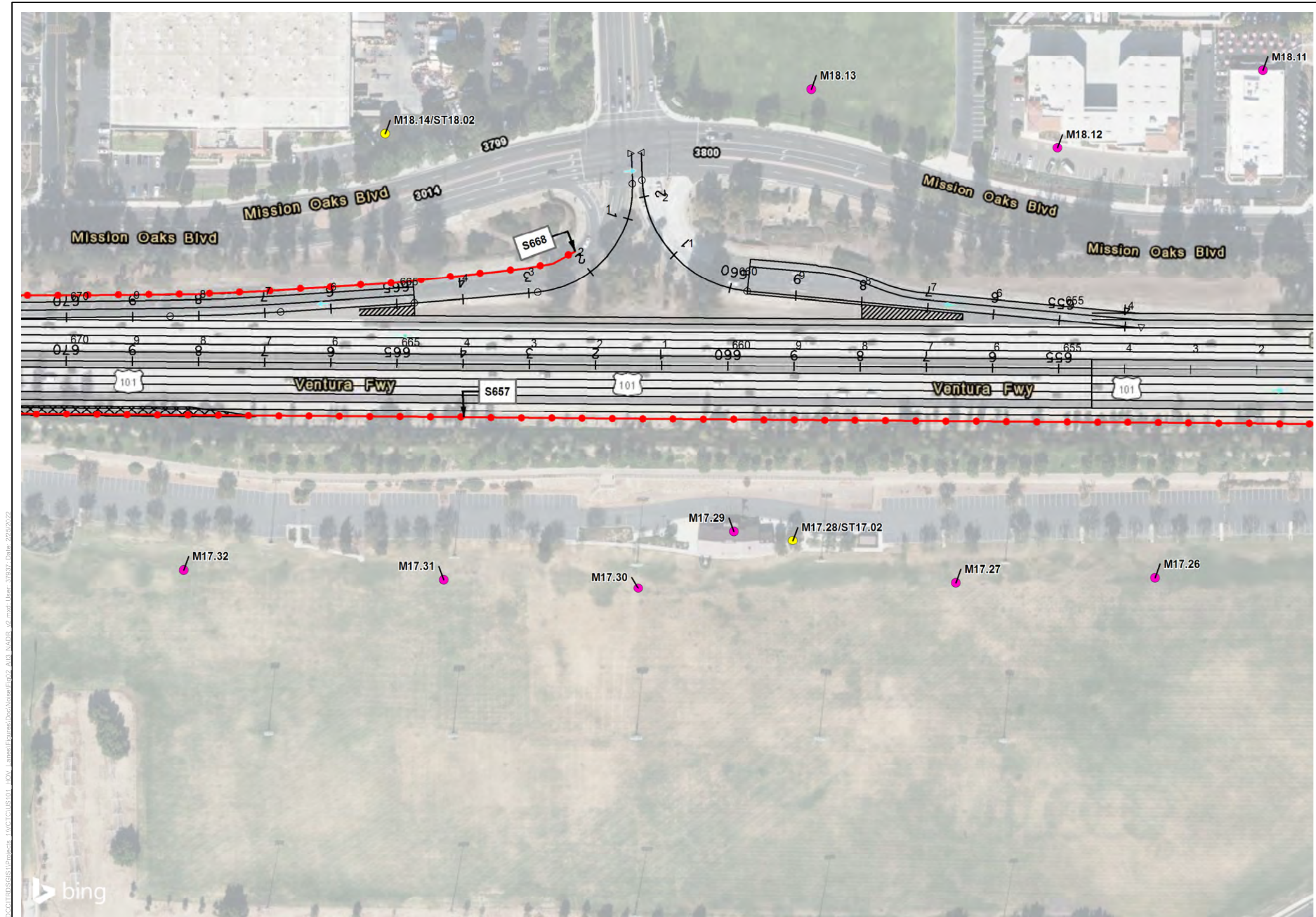
*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 32 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project



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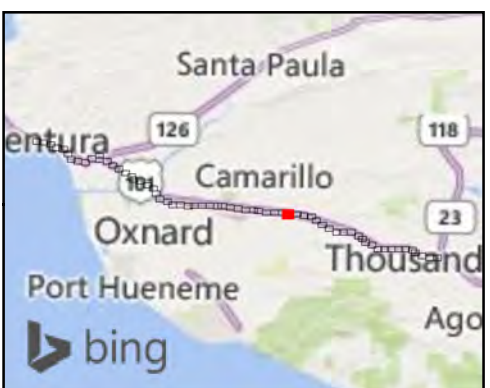
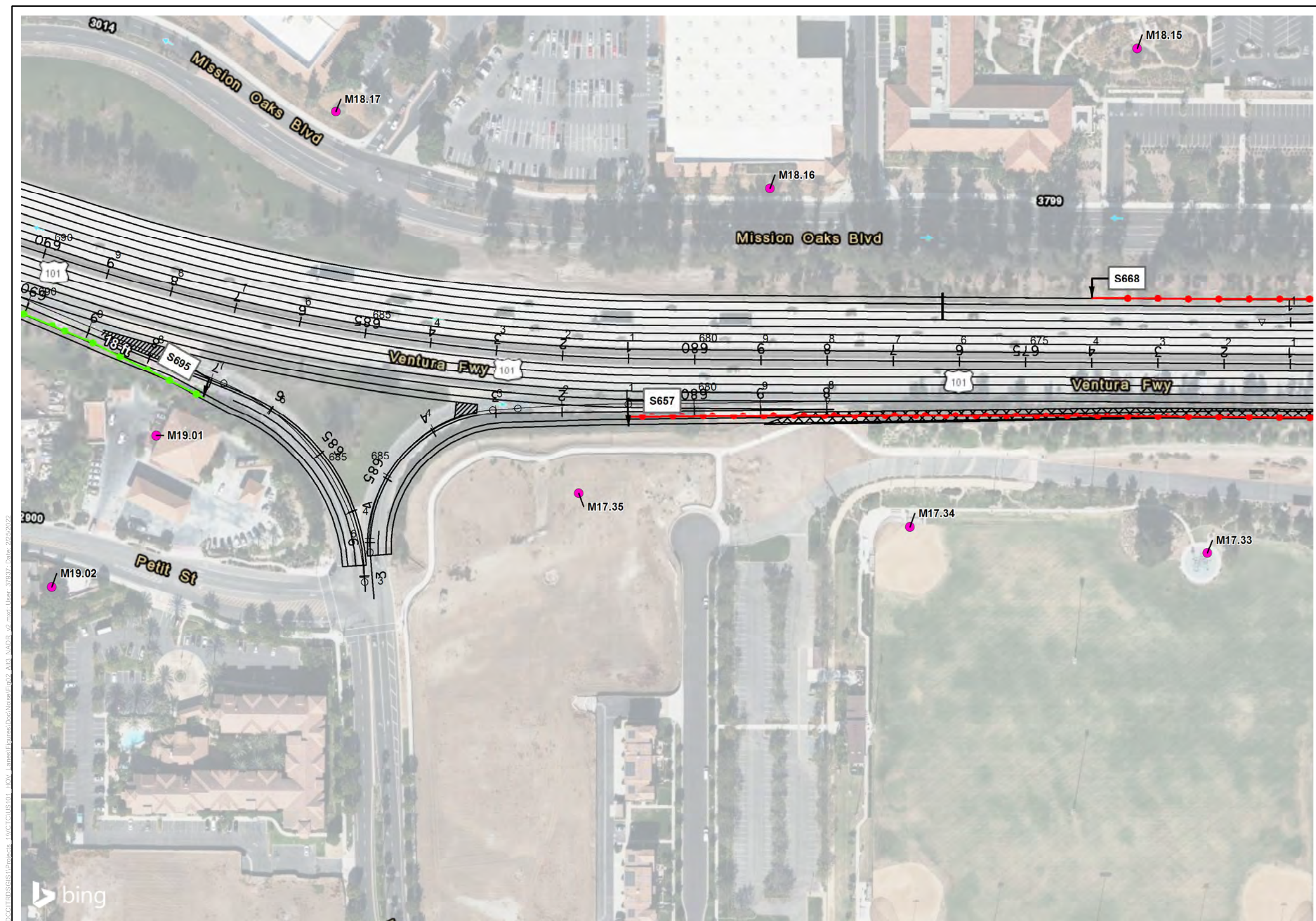
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 34 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 35 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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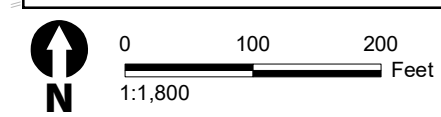
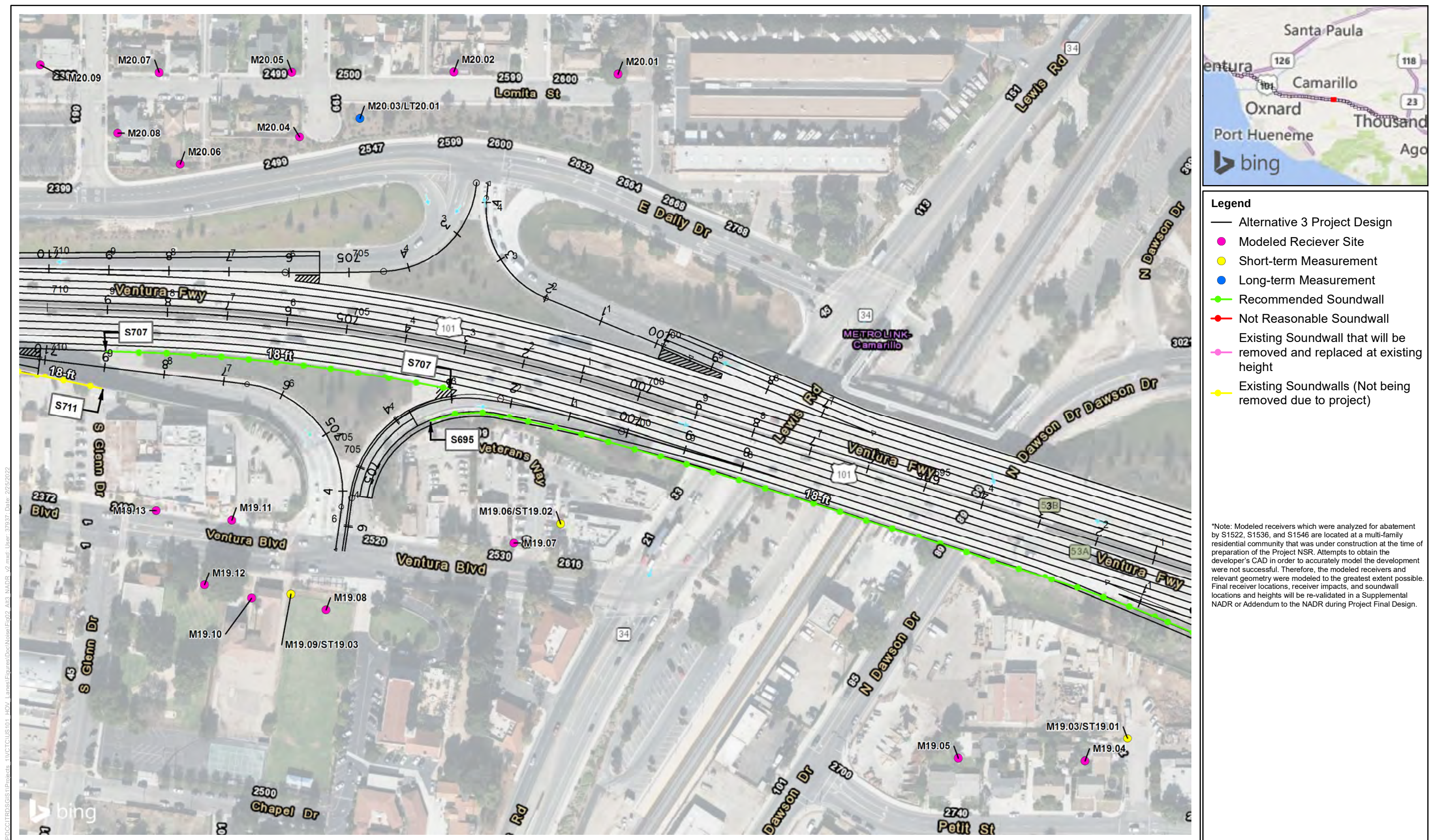


Figure 2, Sheet 36 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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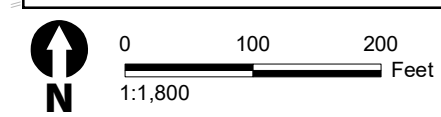
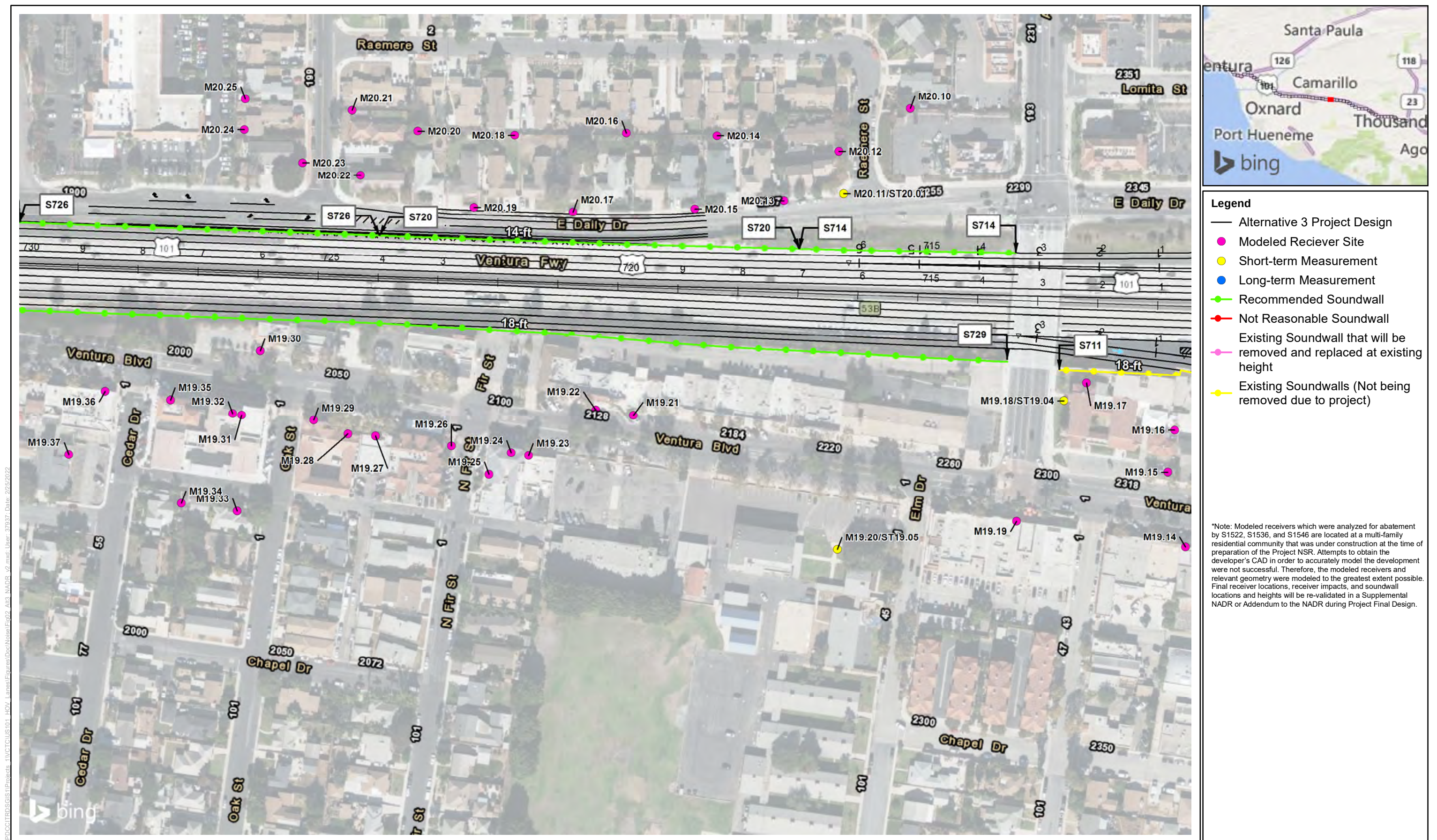
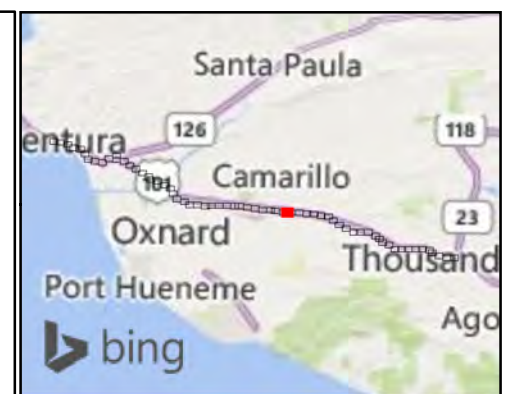
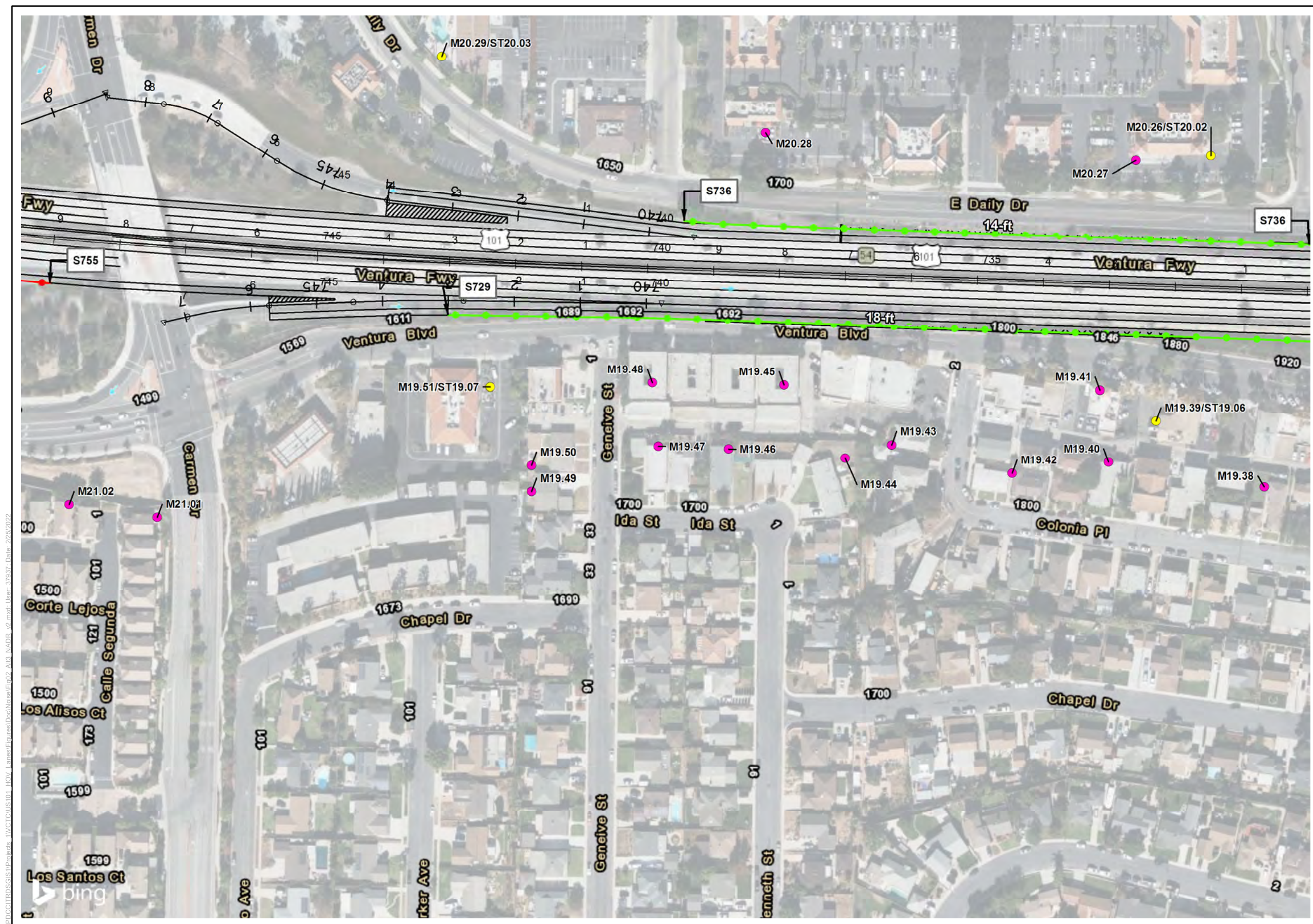


Figure 2, Sheet 37 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 38 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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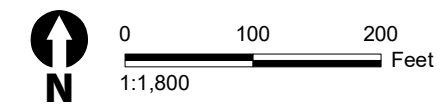
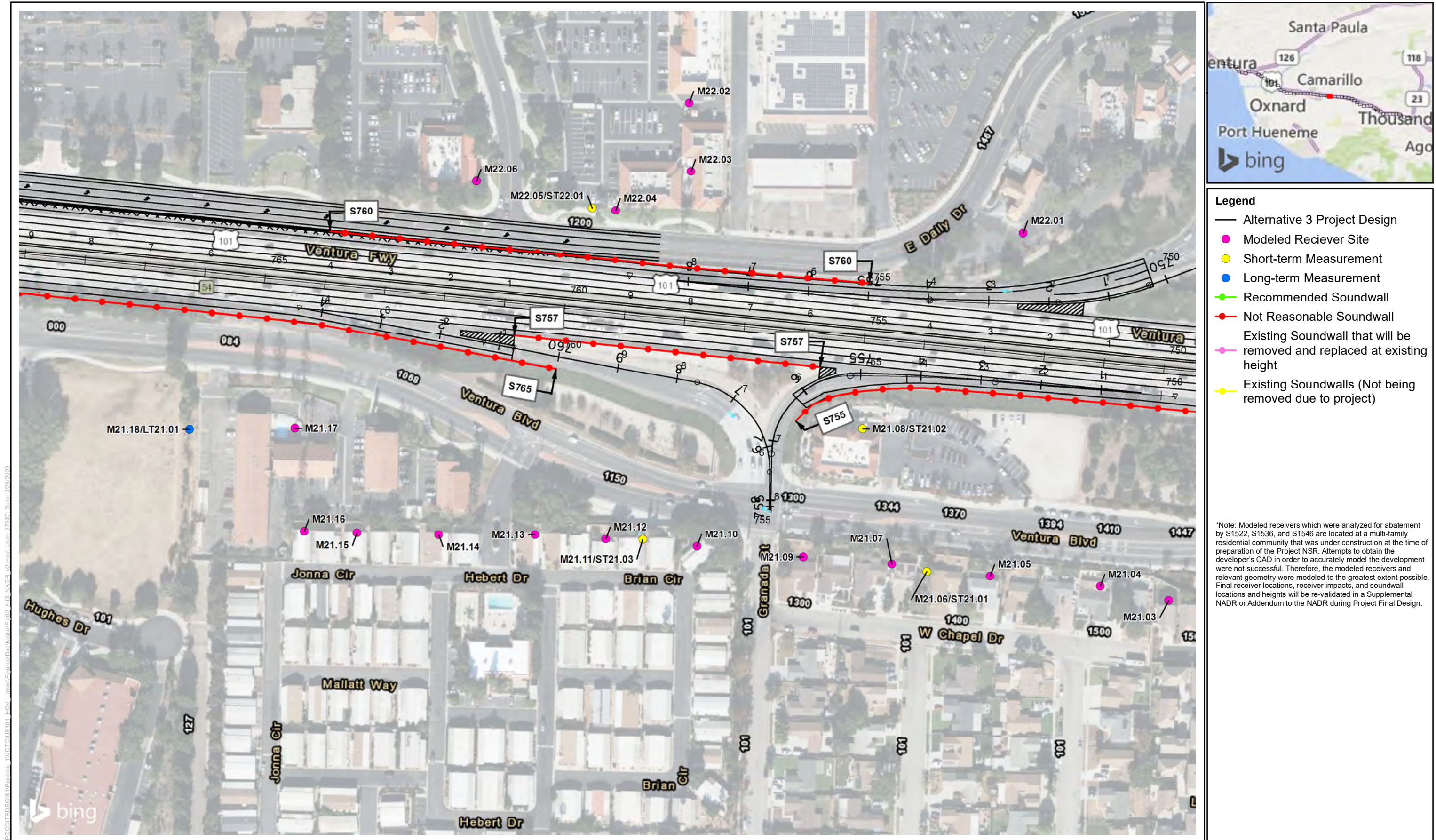
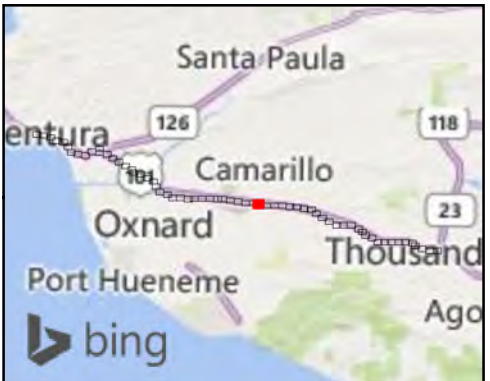


Figure 2, Sheet 39 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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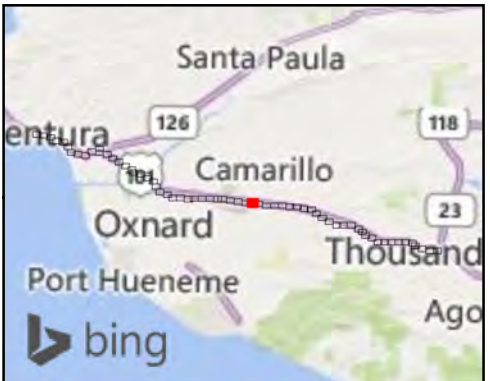
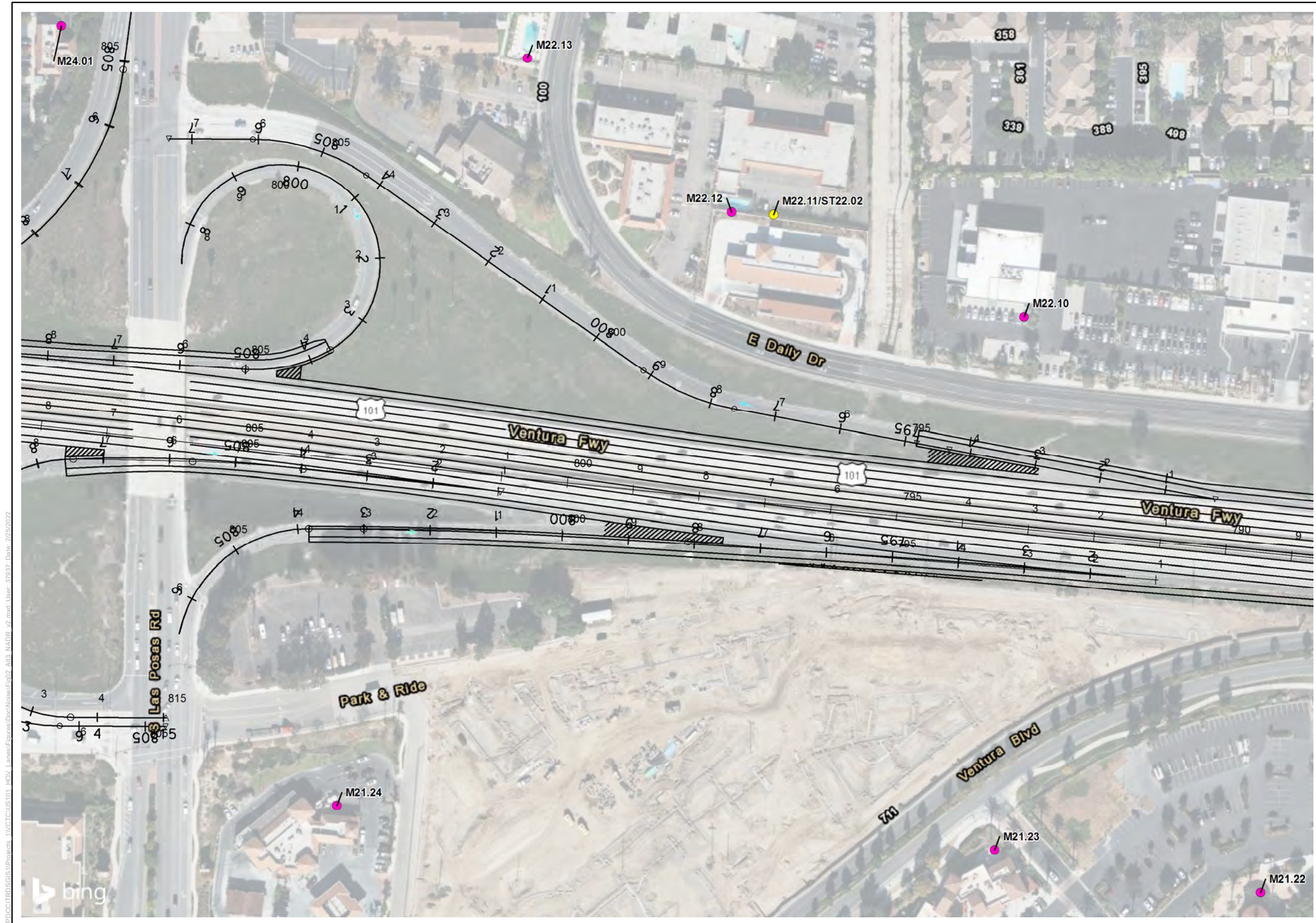
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 40 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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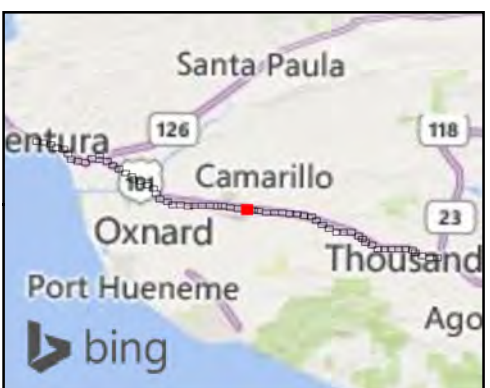
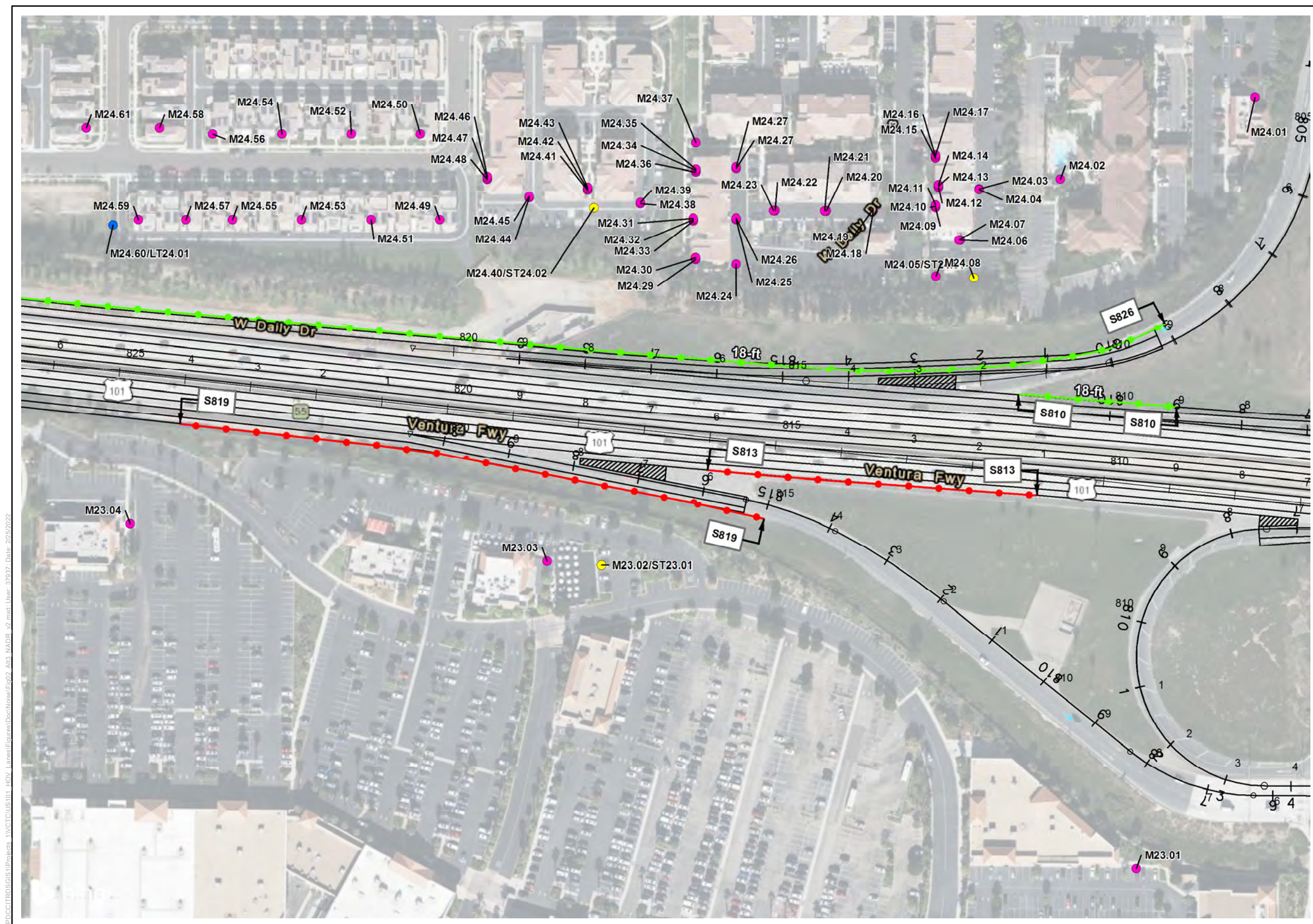
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 41 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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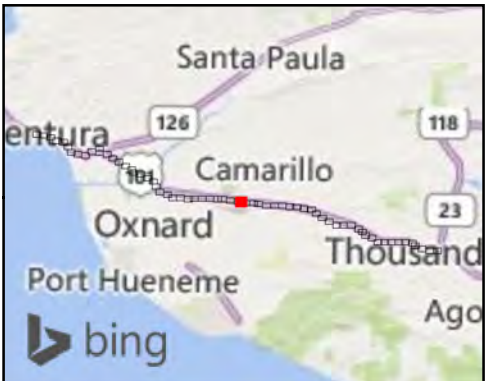
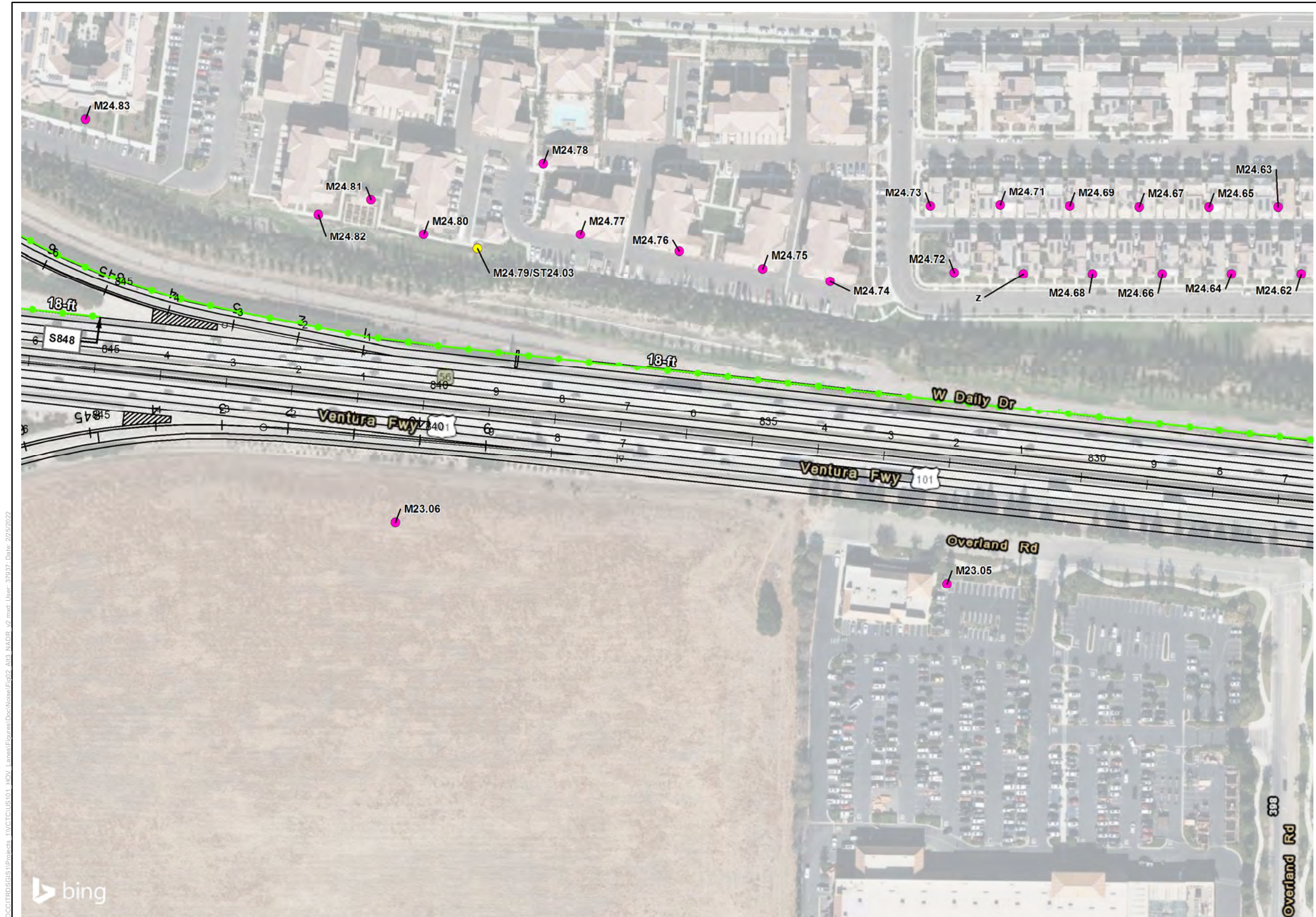
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 42 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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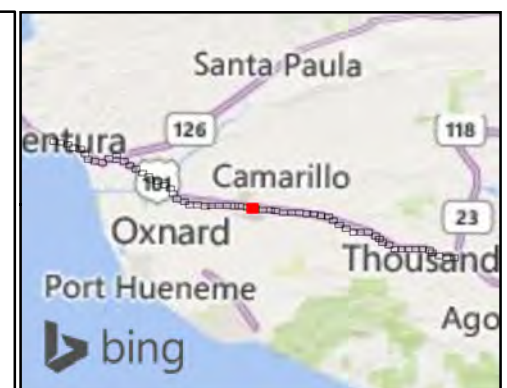
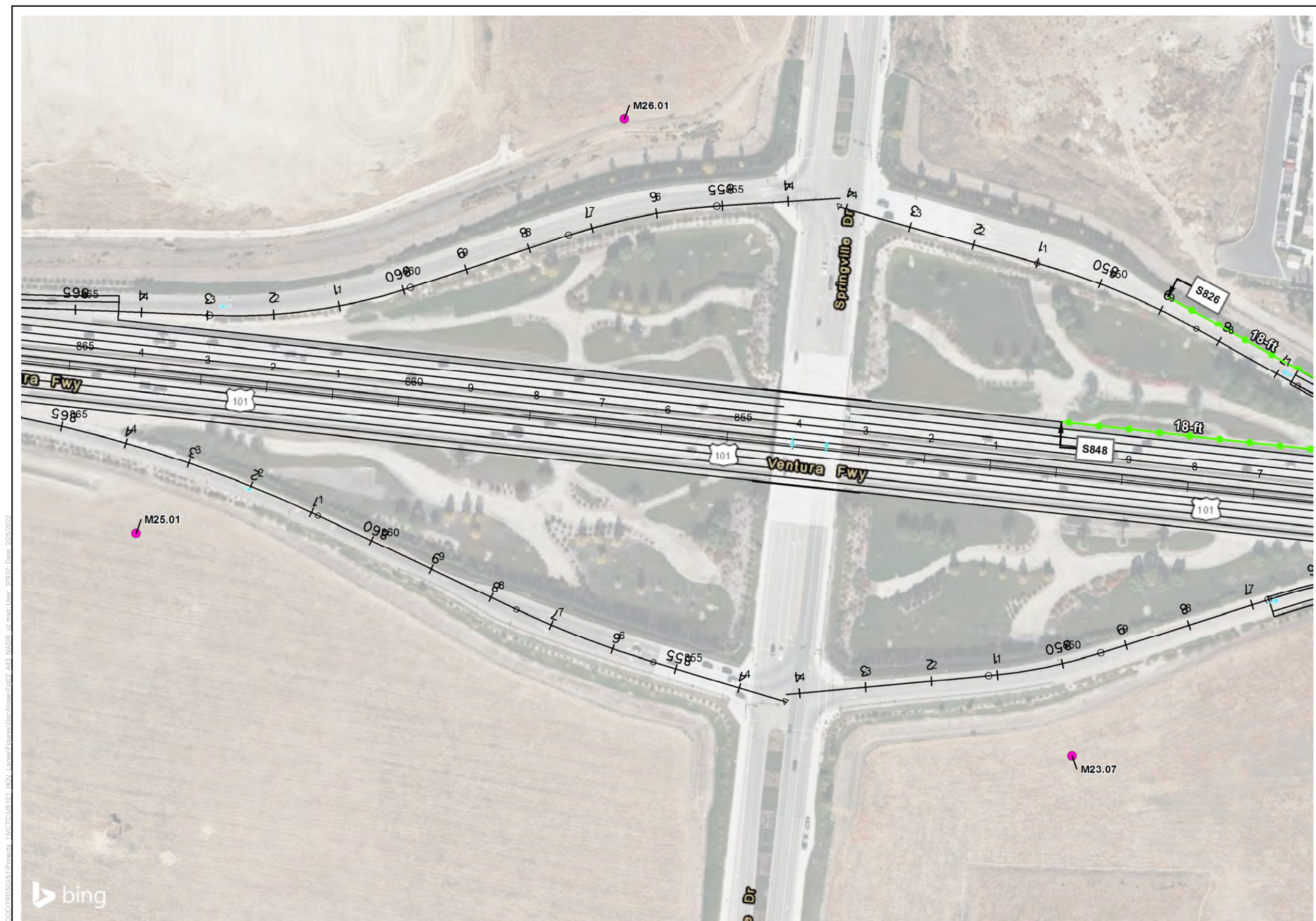
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 43 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 44 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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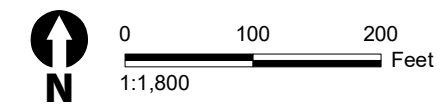
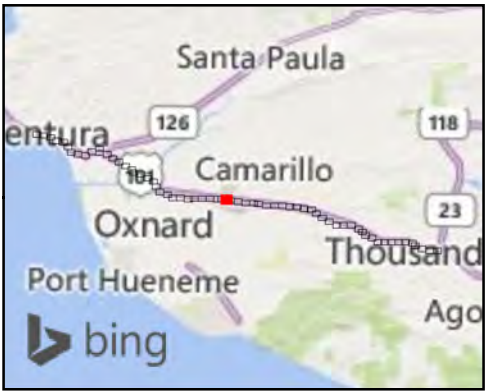
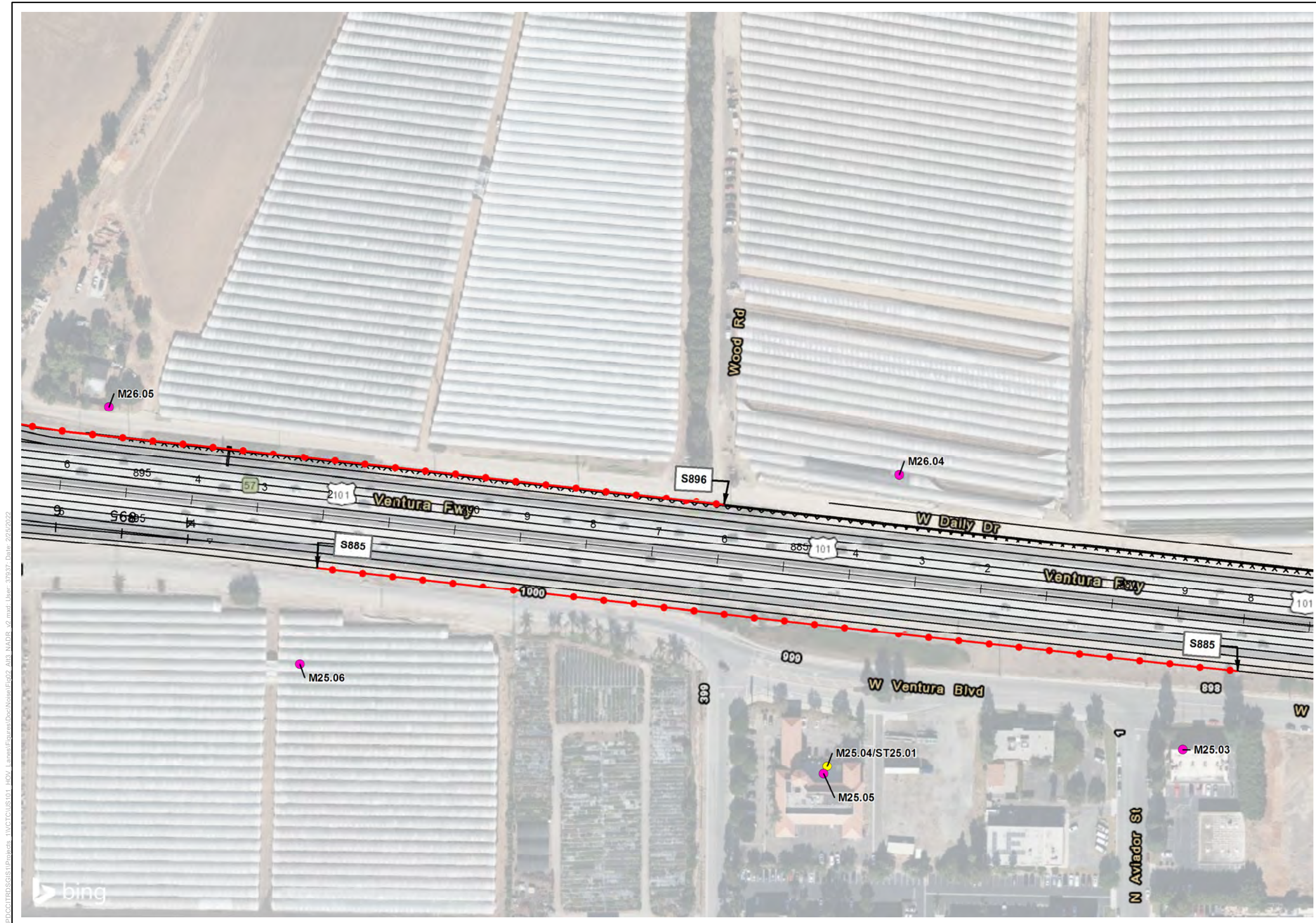


Figure 2, Sheet 45 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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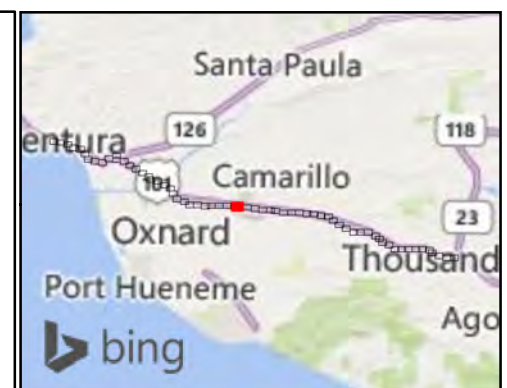
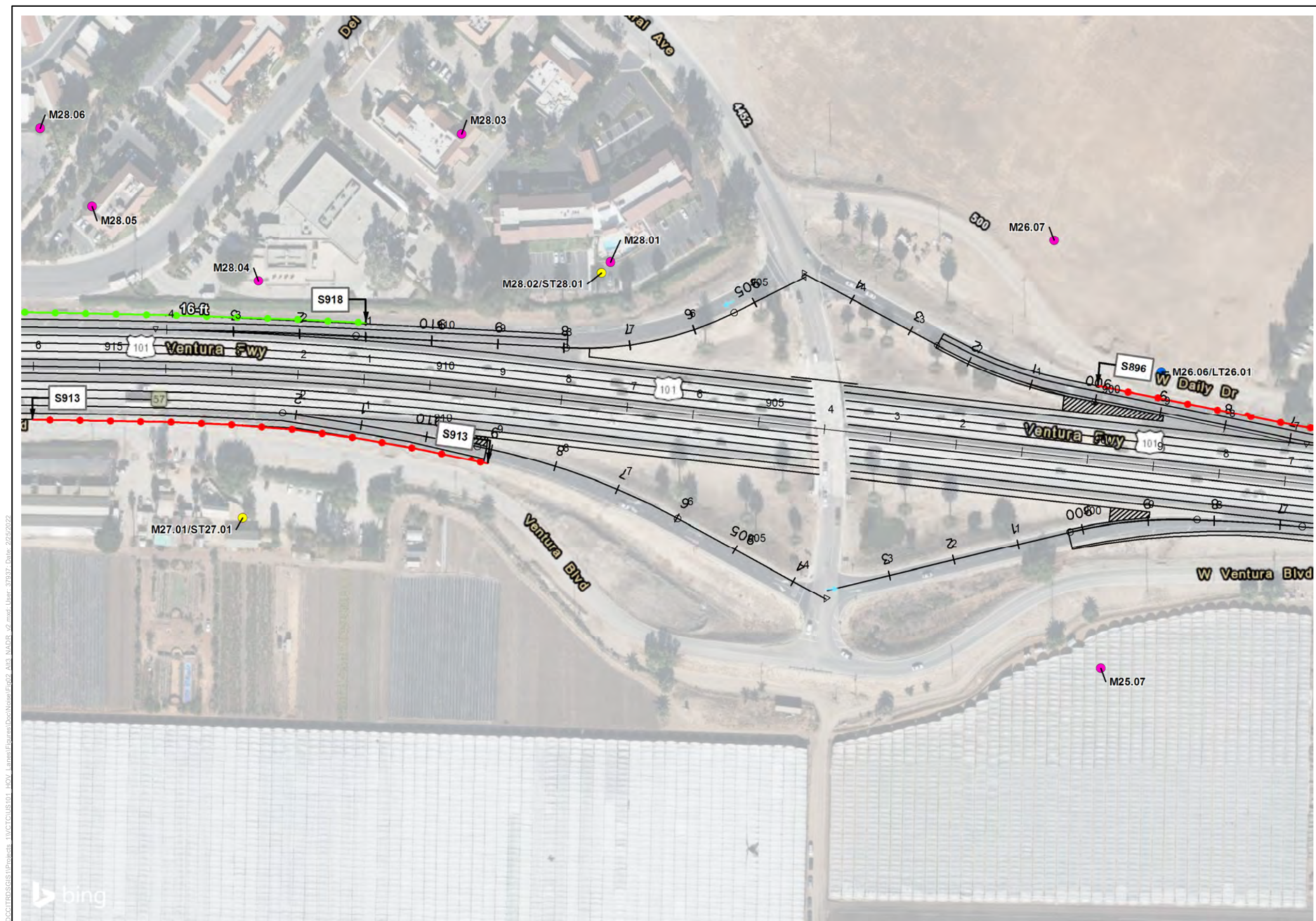


- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.

Figure 2, Sheet 46 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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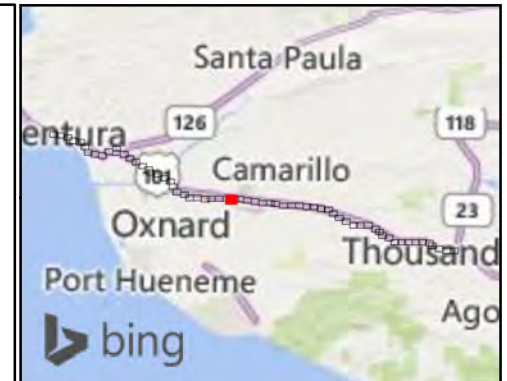


- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.

Figure 2, Sheet 47 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 48 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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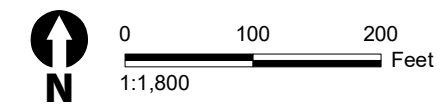


Figure 2, Sheet 49 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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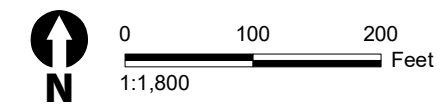
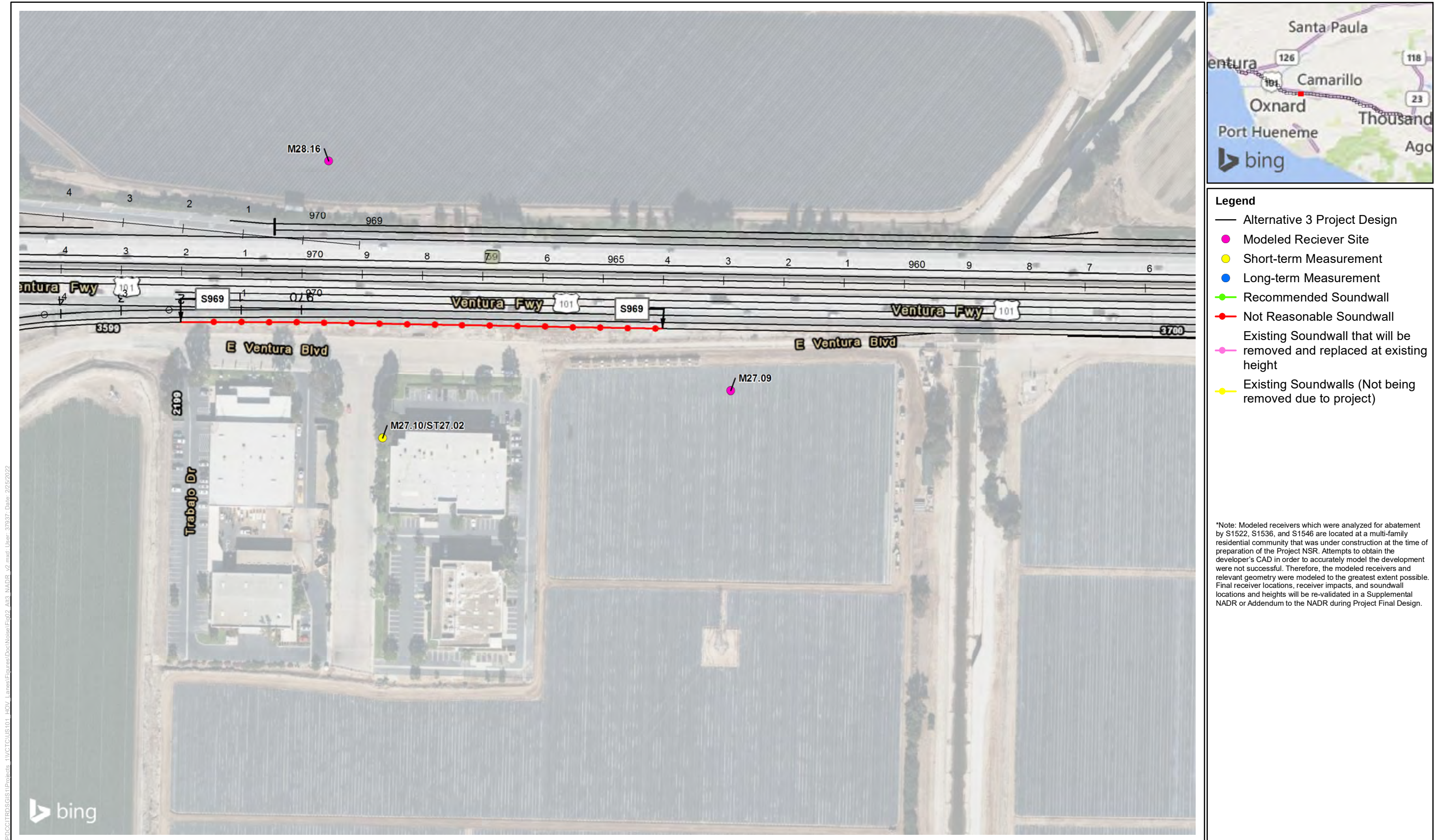
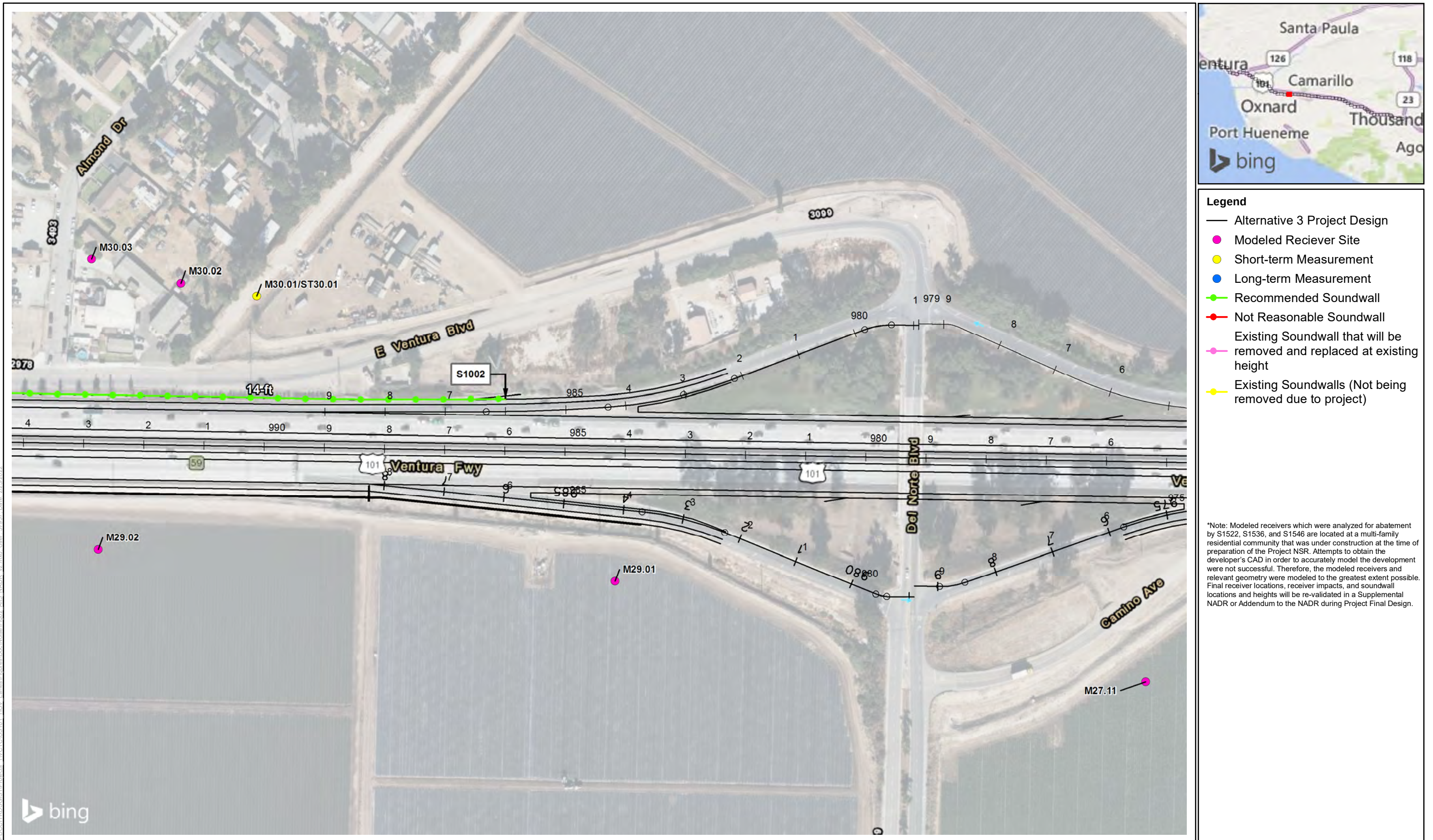
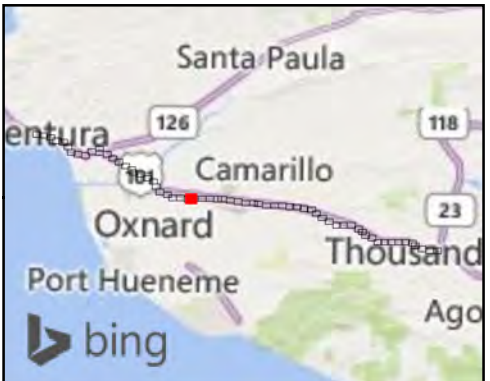
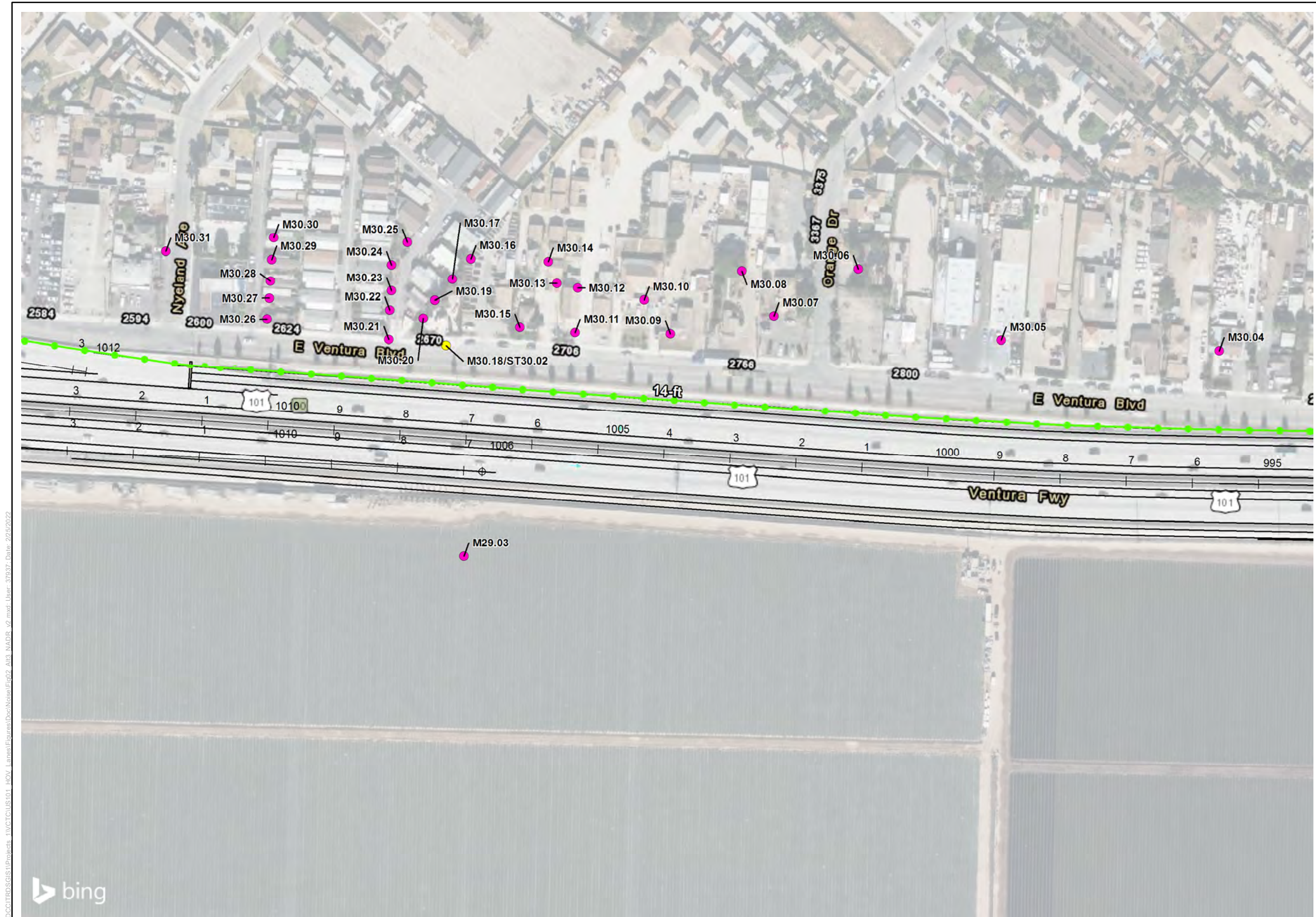


Figure 2, Sheet 50 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project



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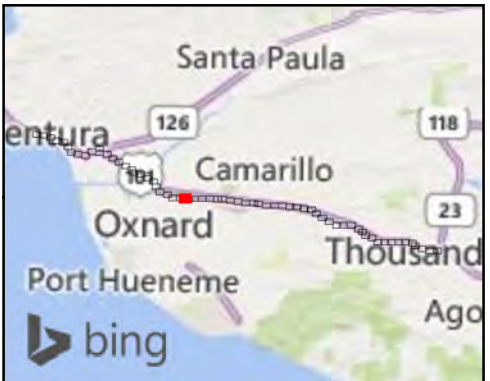
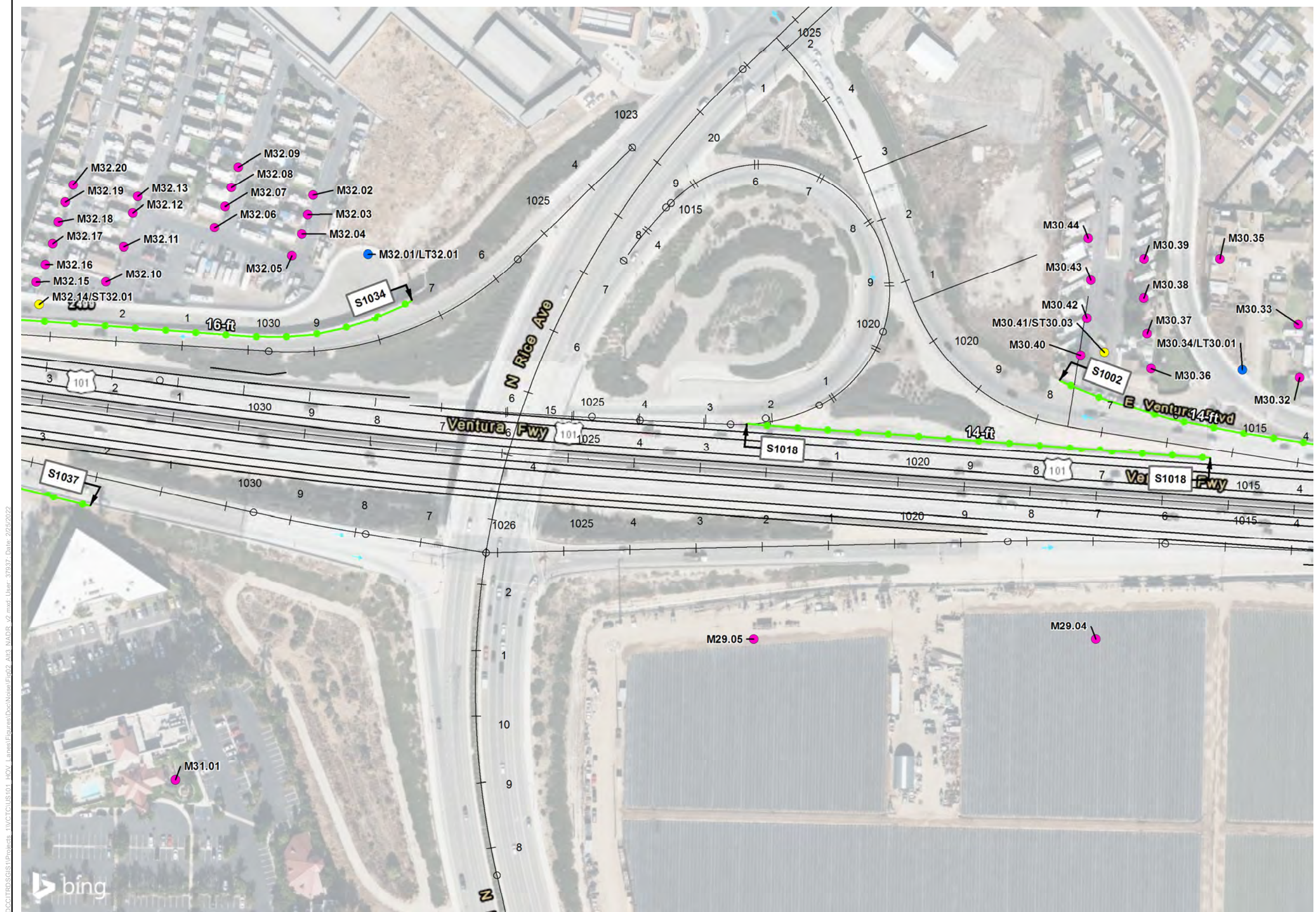
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 52 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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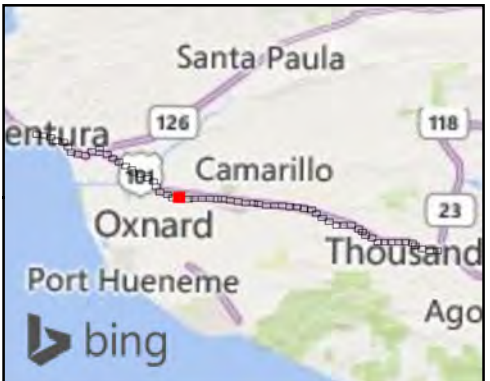
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
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Figure 2, Sheet 53 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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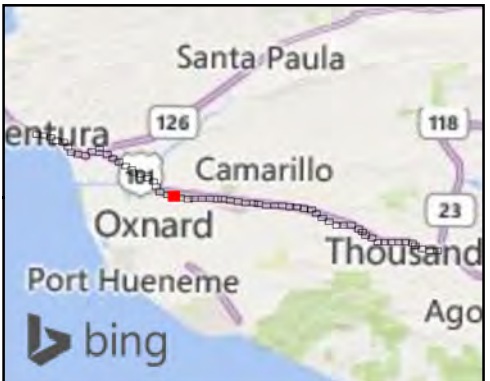
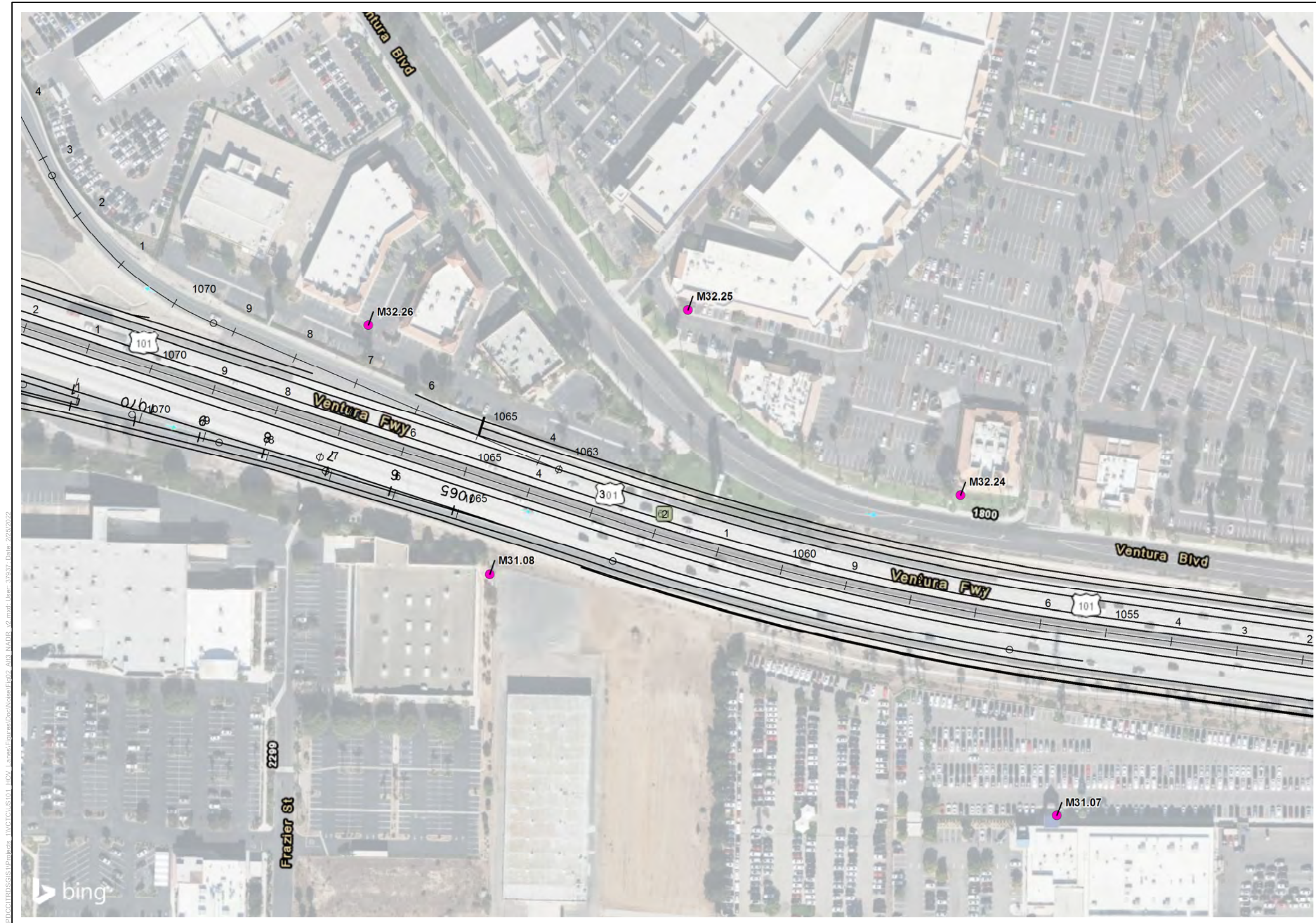


- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 54 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 55 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

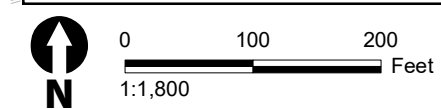
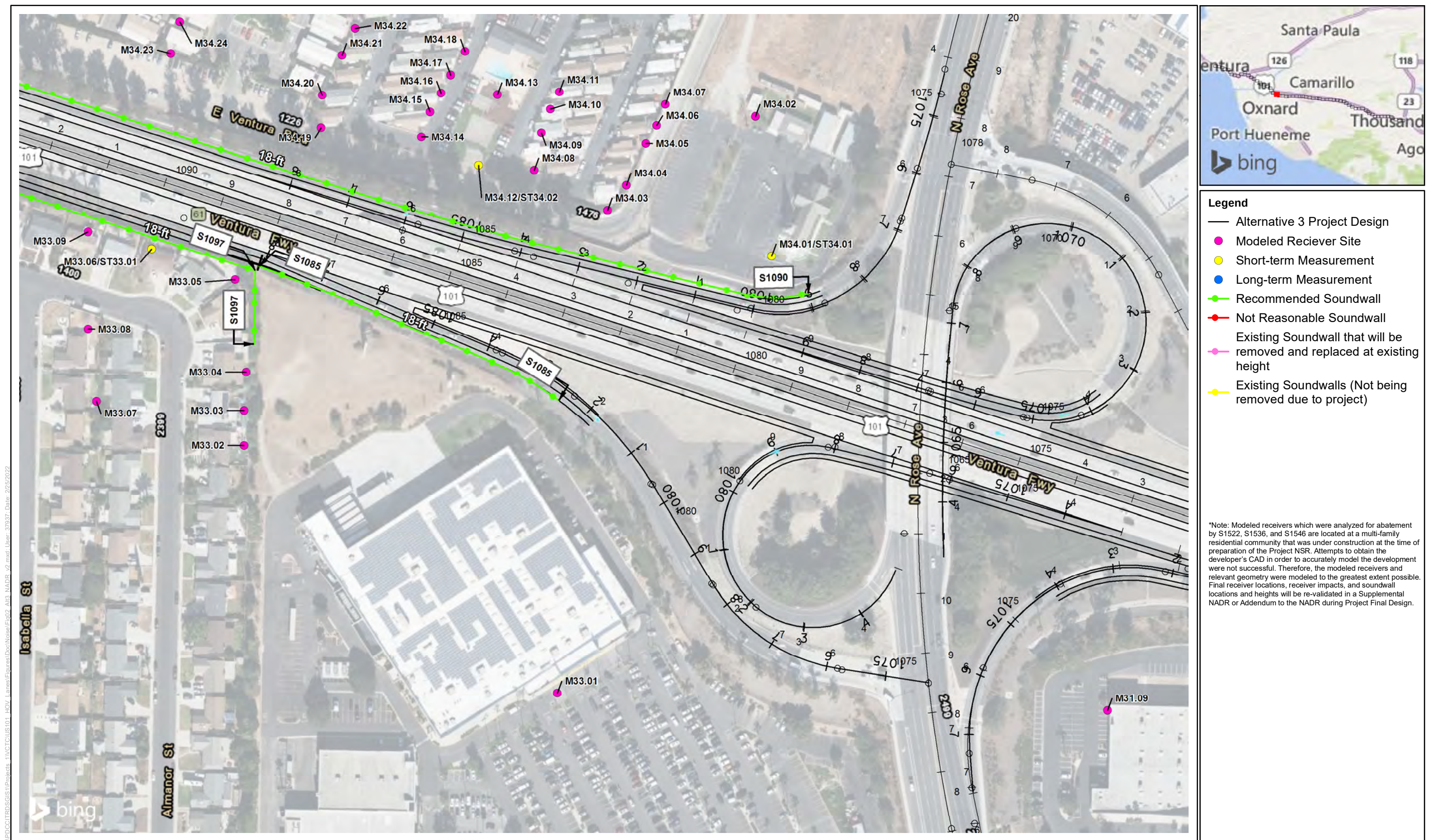


Figure 2, Sheet 56 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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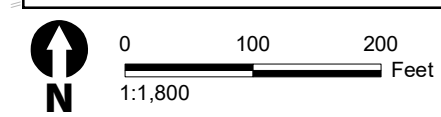
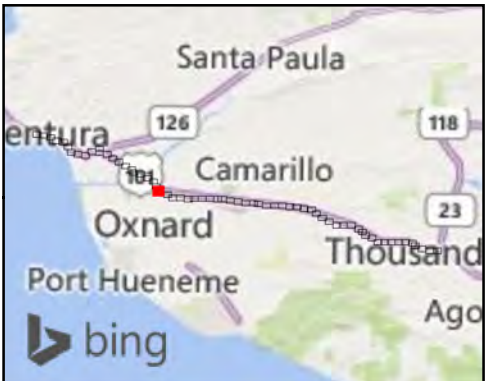


Figure 2, Sheet 57 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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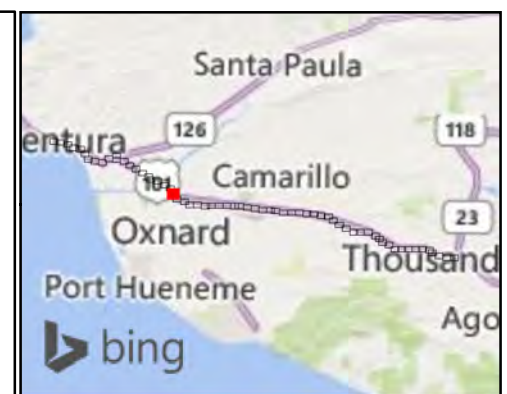


- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 58 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
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Figure 2, Sheet 59 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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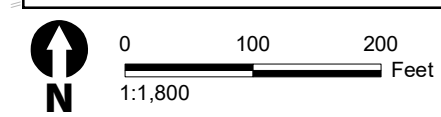
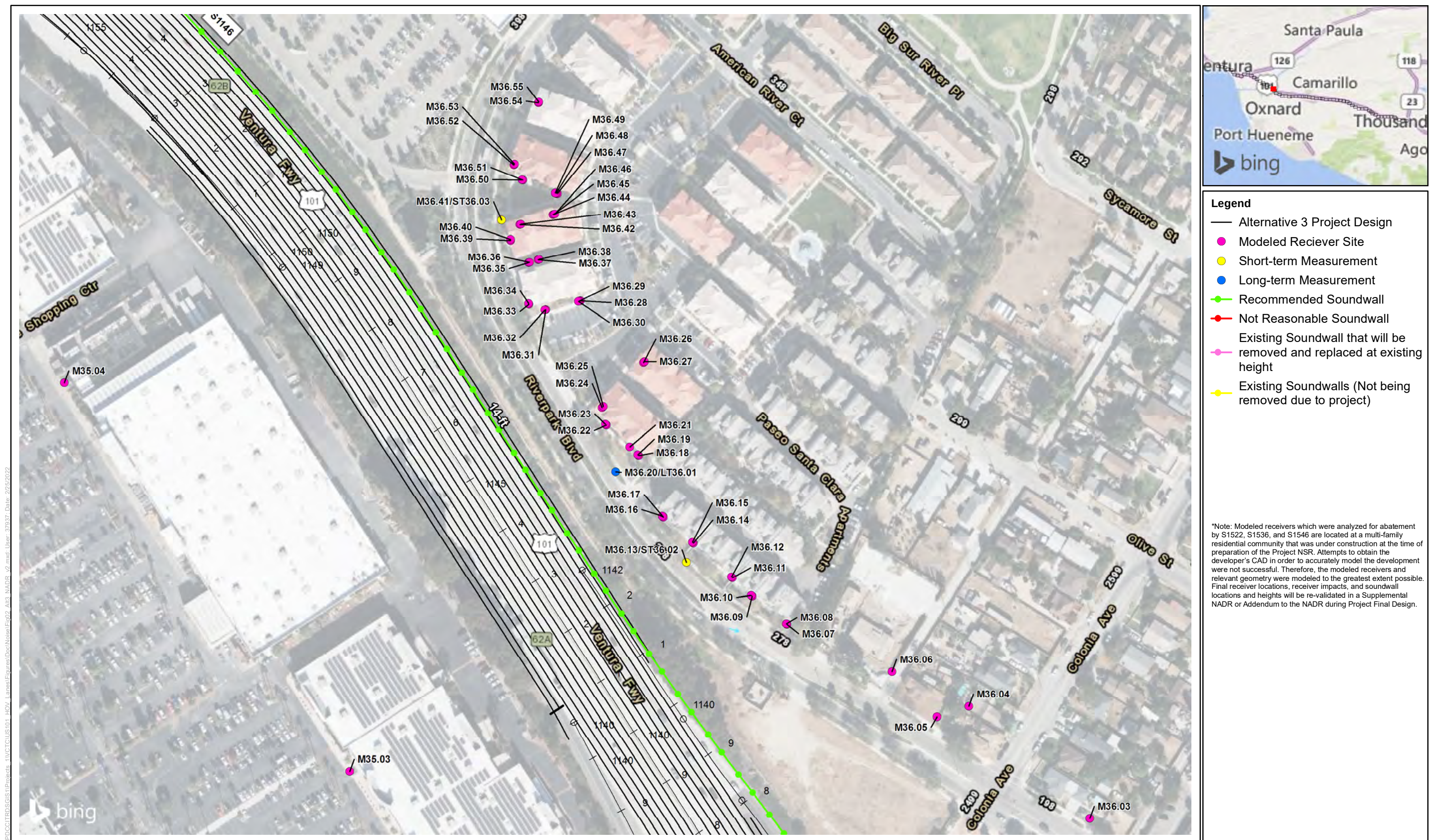


Figure 2, Sheet 60 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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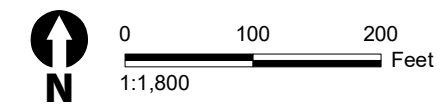
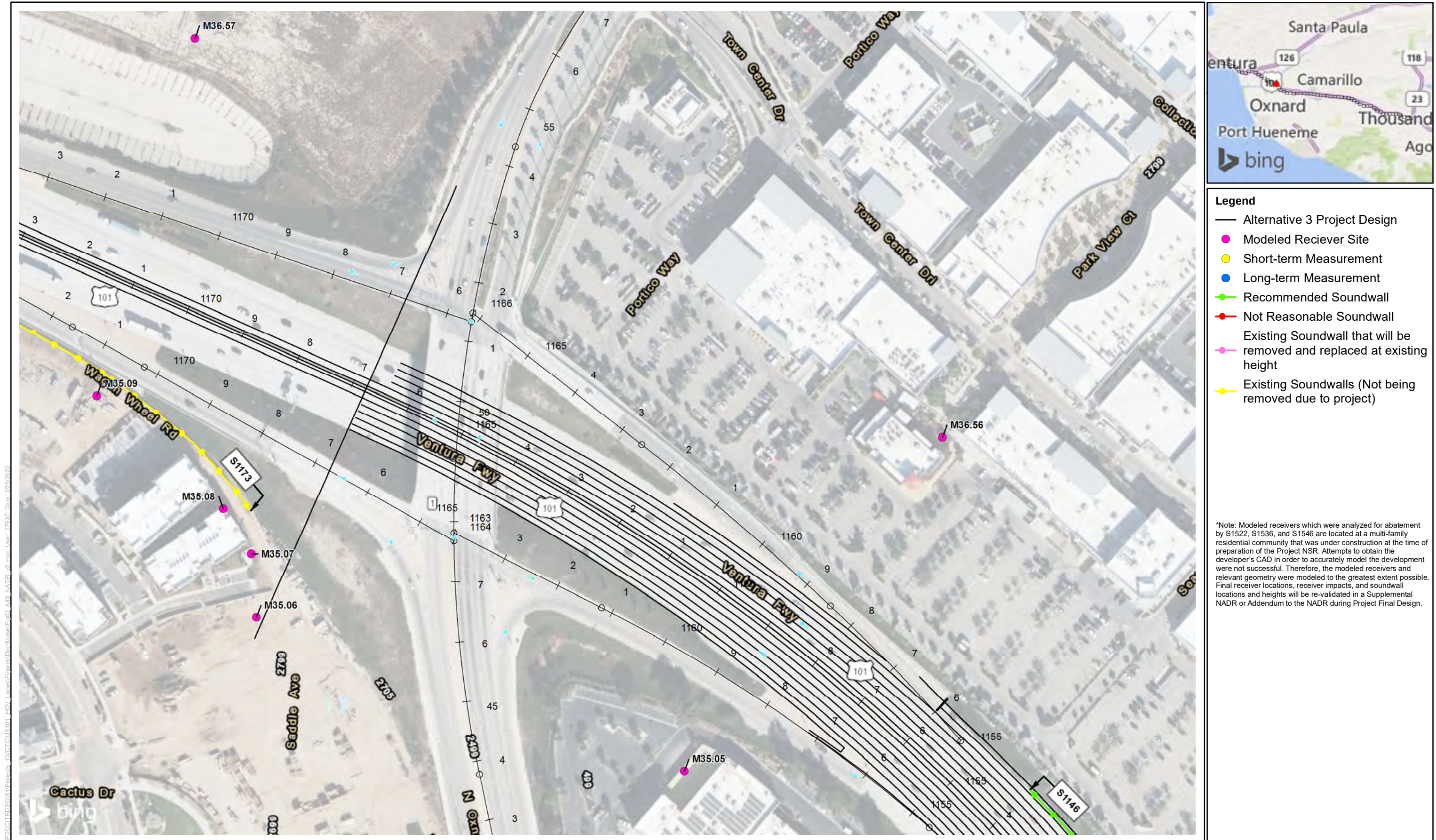


Figure 2, Sheet 61 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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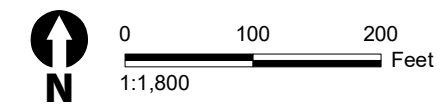
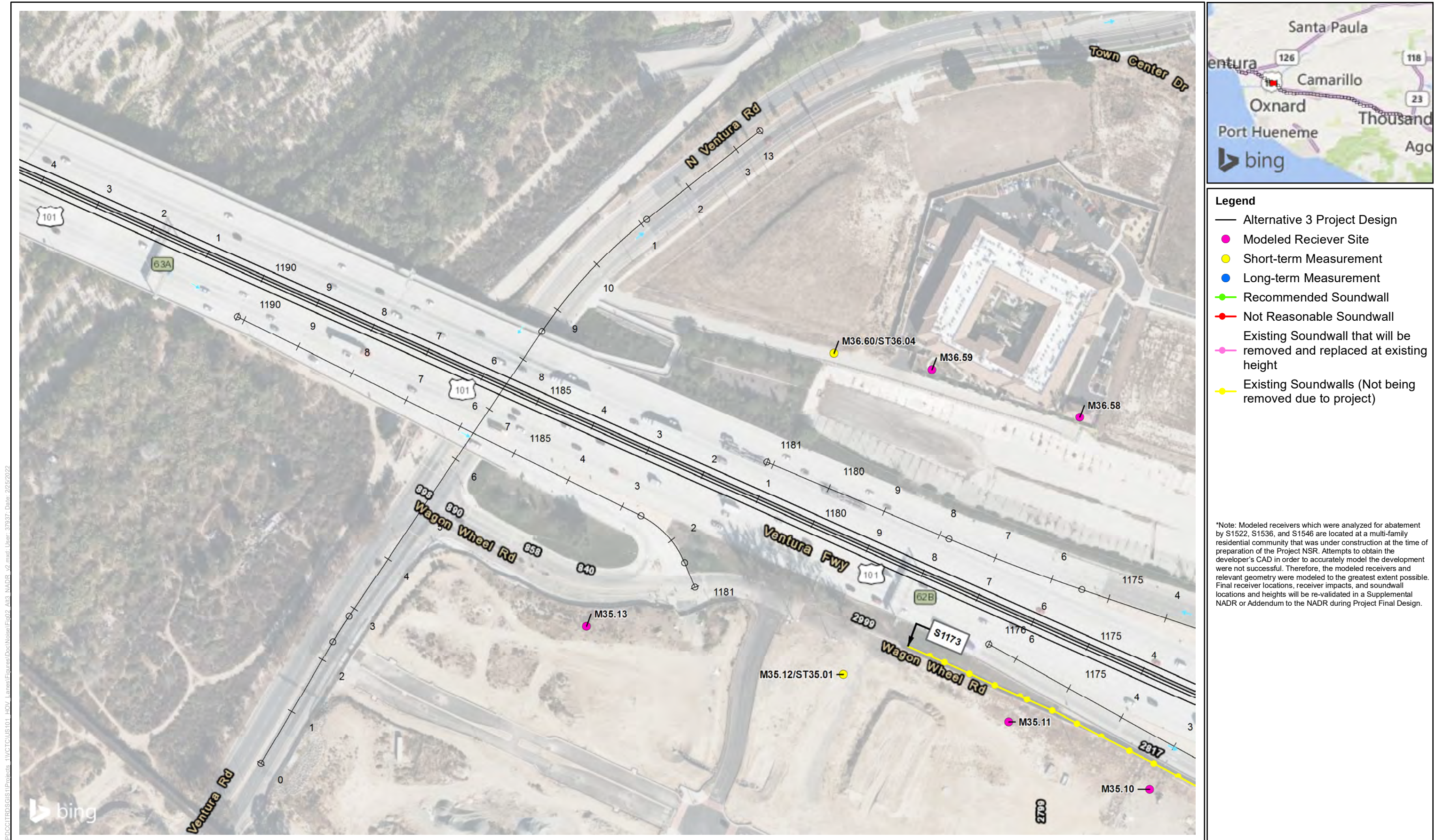
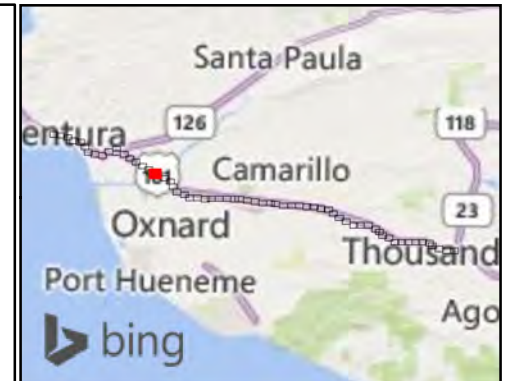
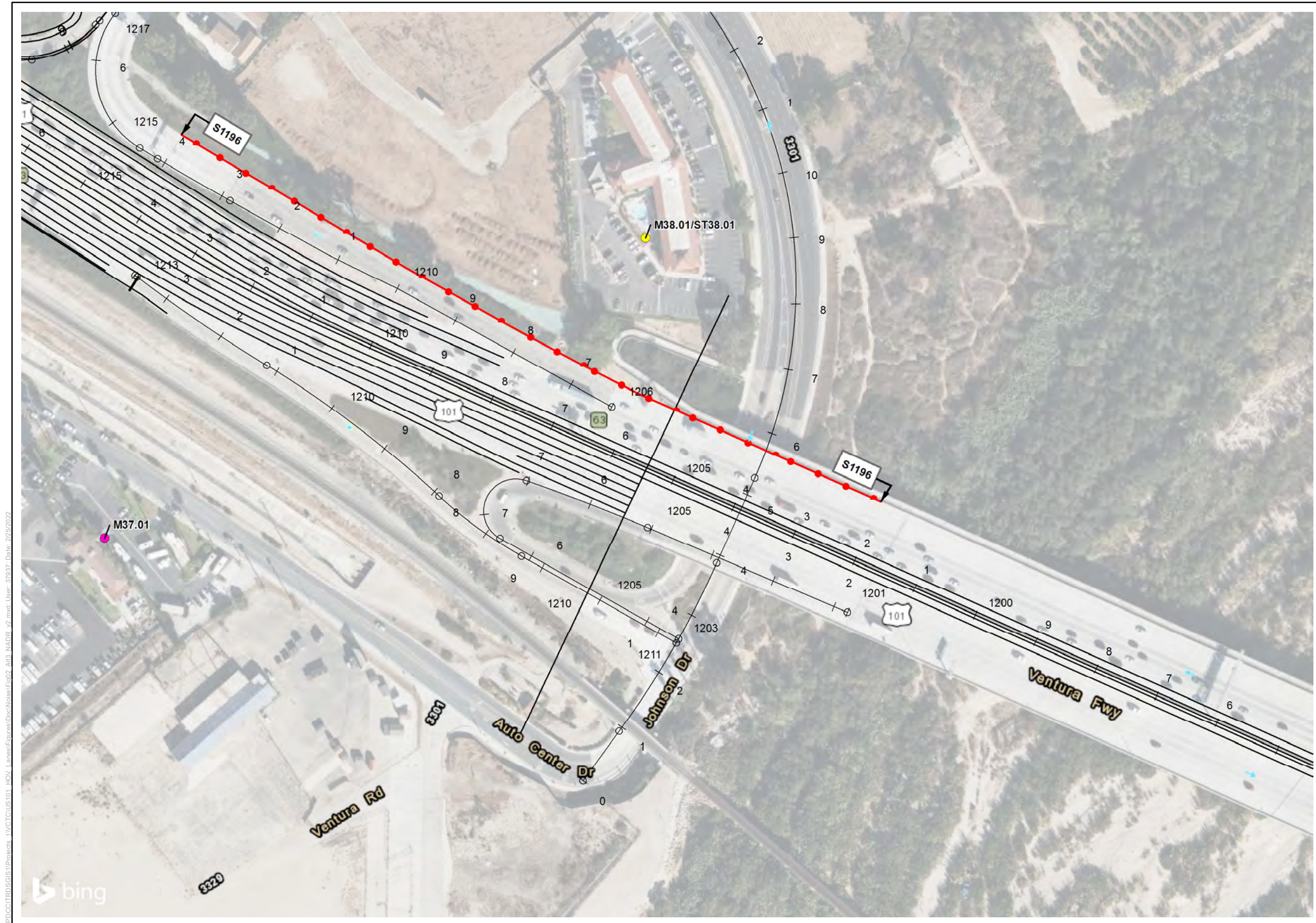


Figure 2, Sheet 62 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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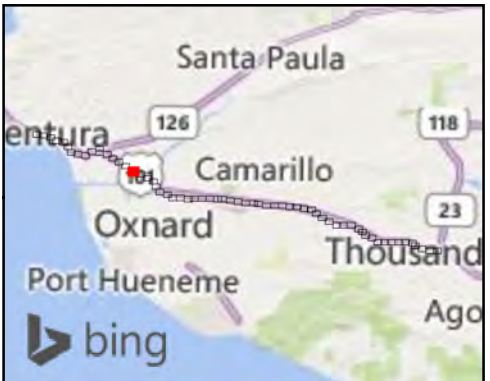
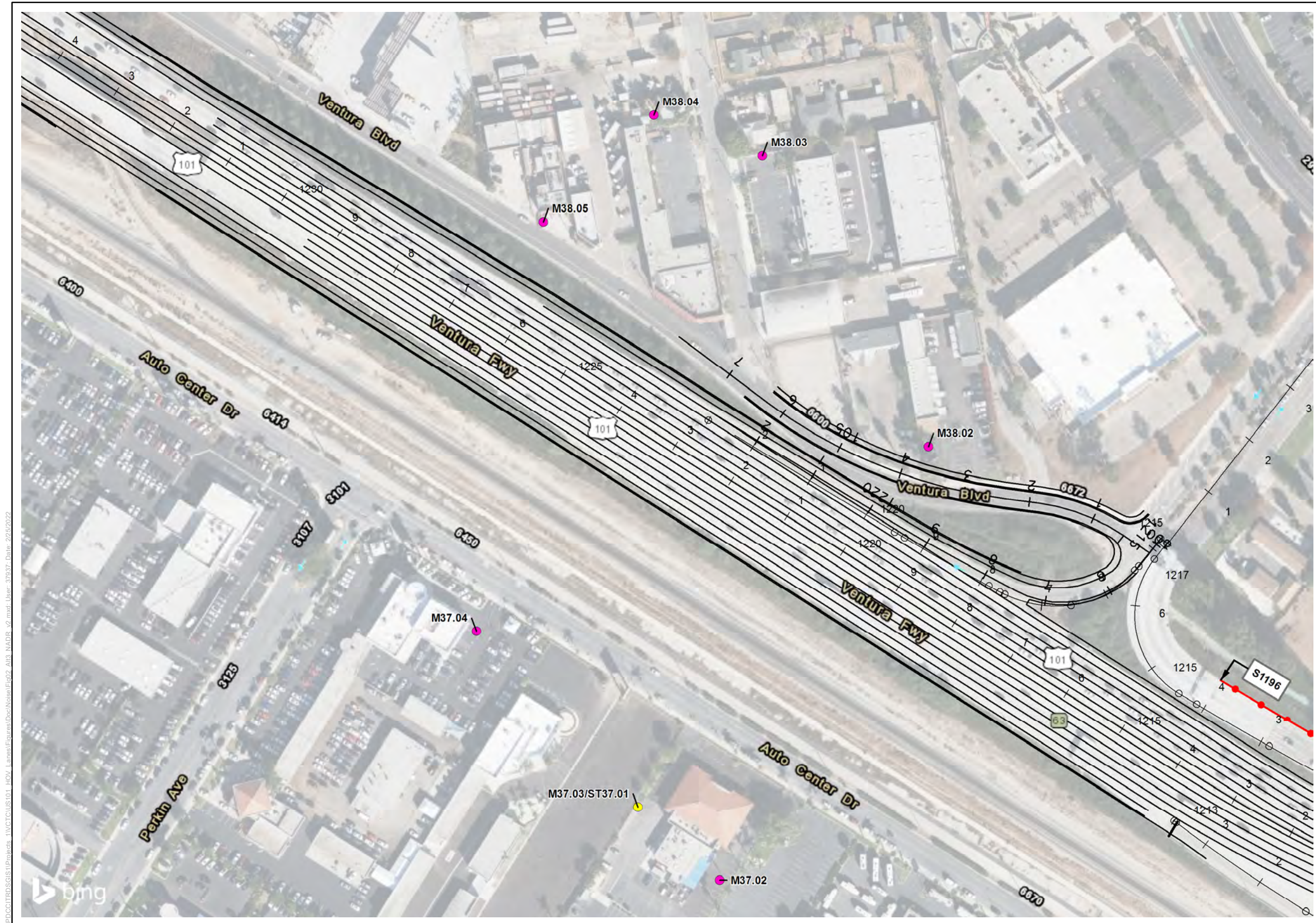
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
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Figure 2, Sheet 63 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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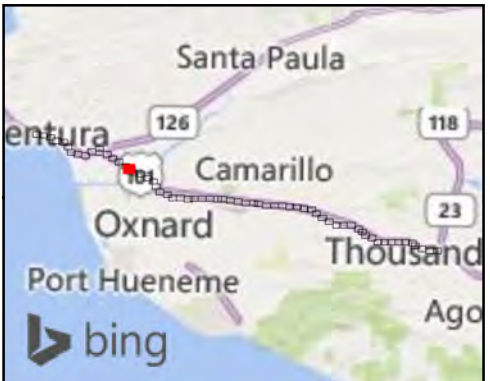
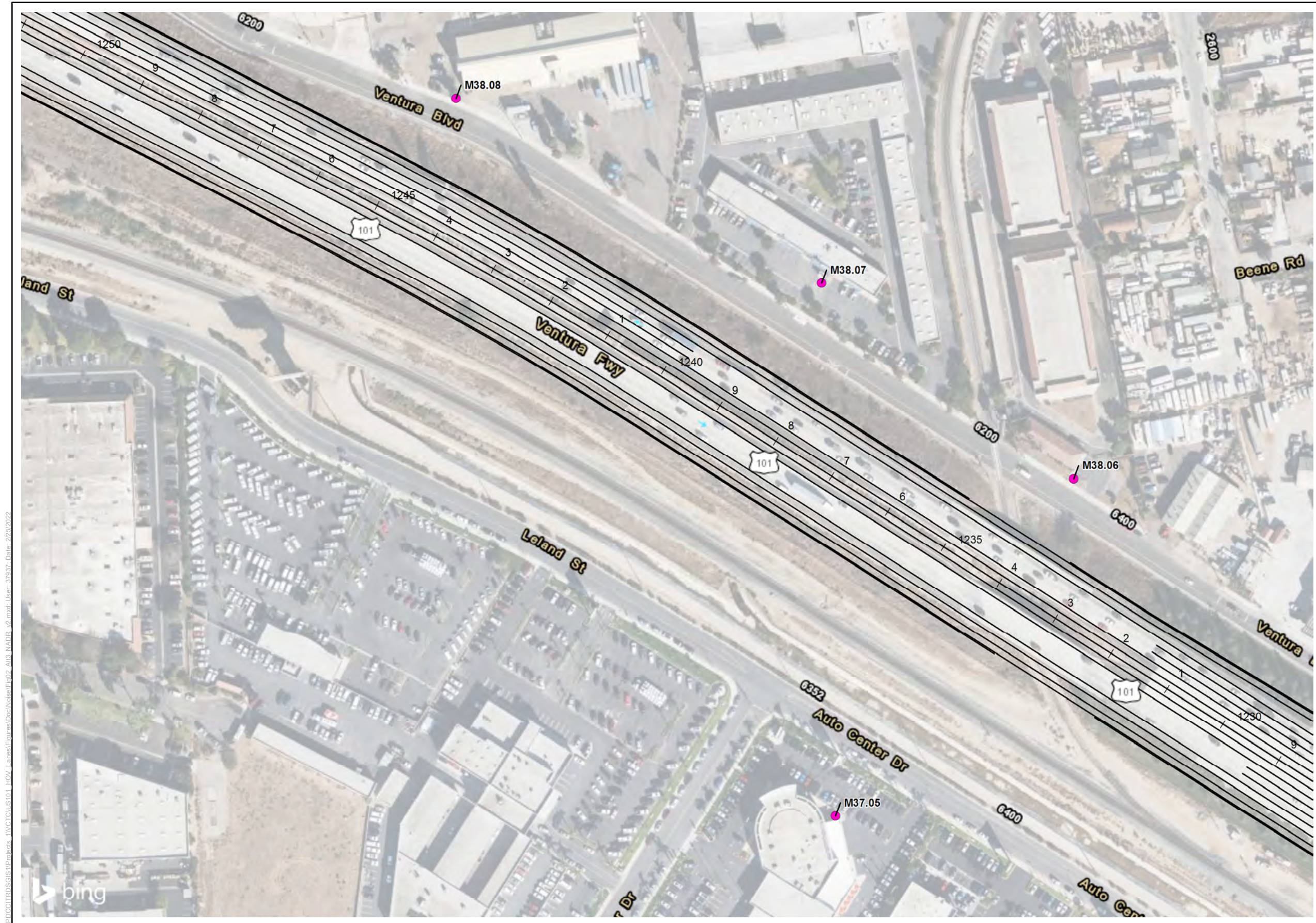
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
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Figure 2, Sheet 64 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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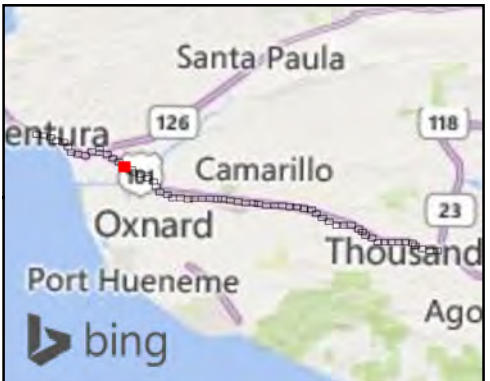
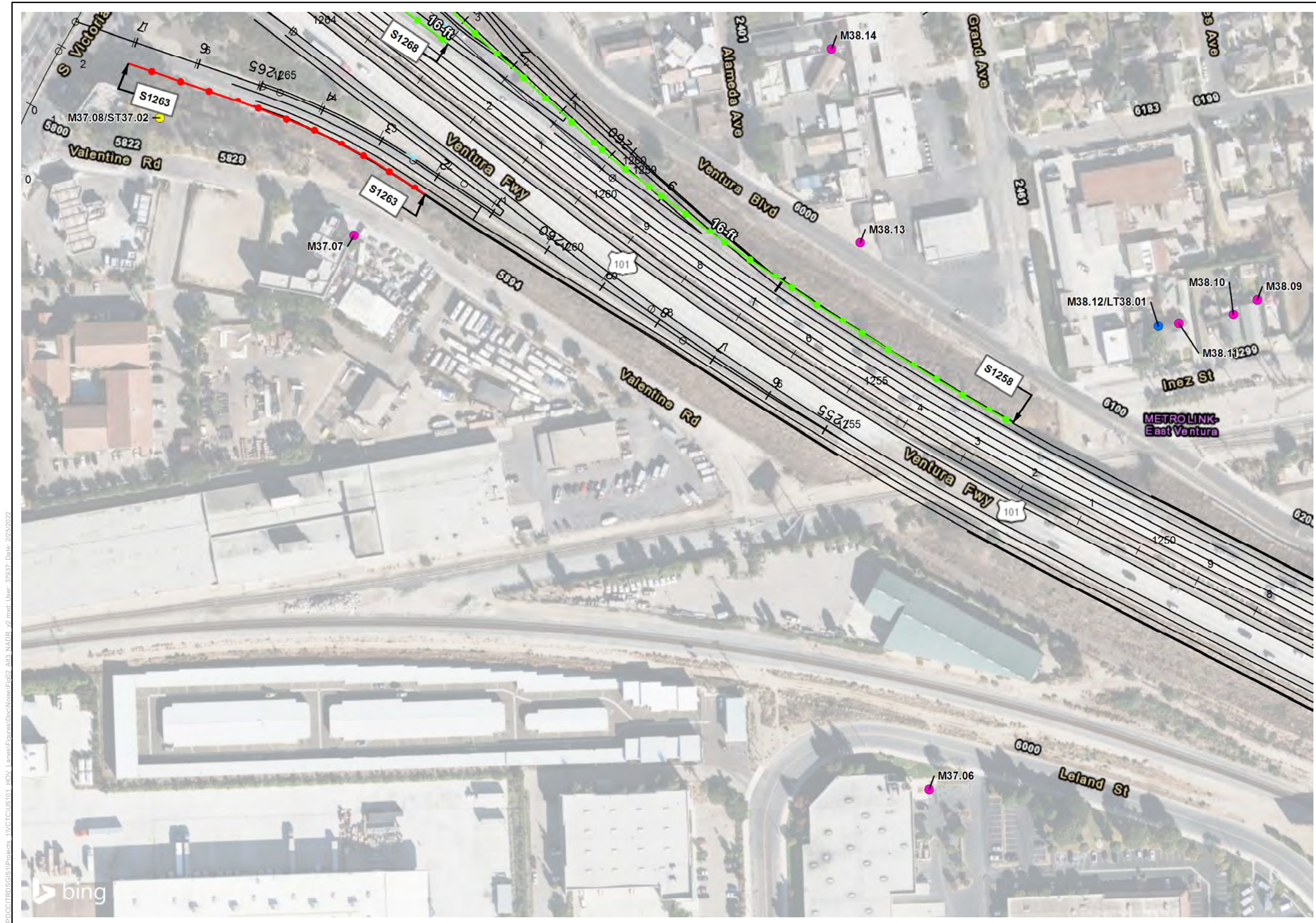
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
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Figure 2, Sheet 65 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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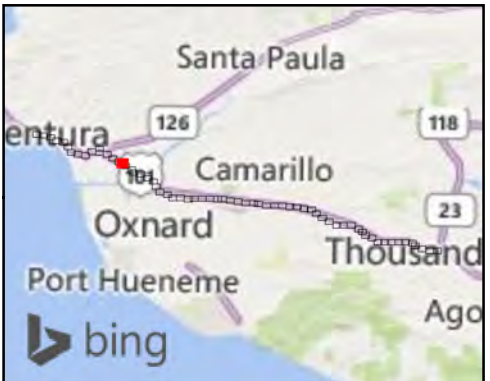
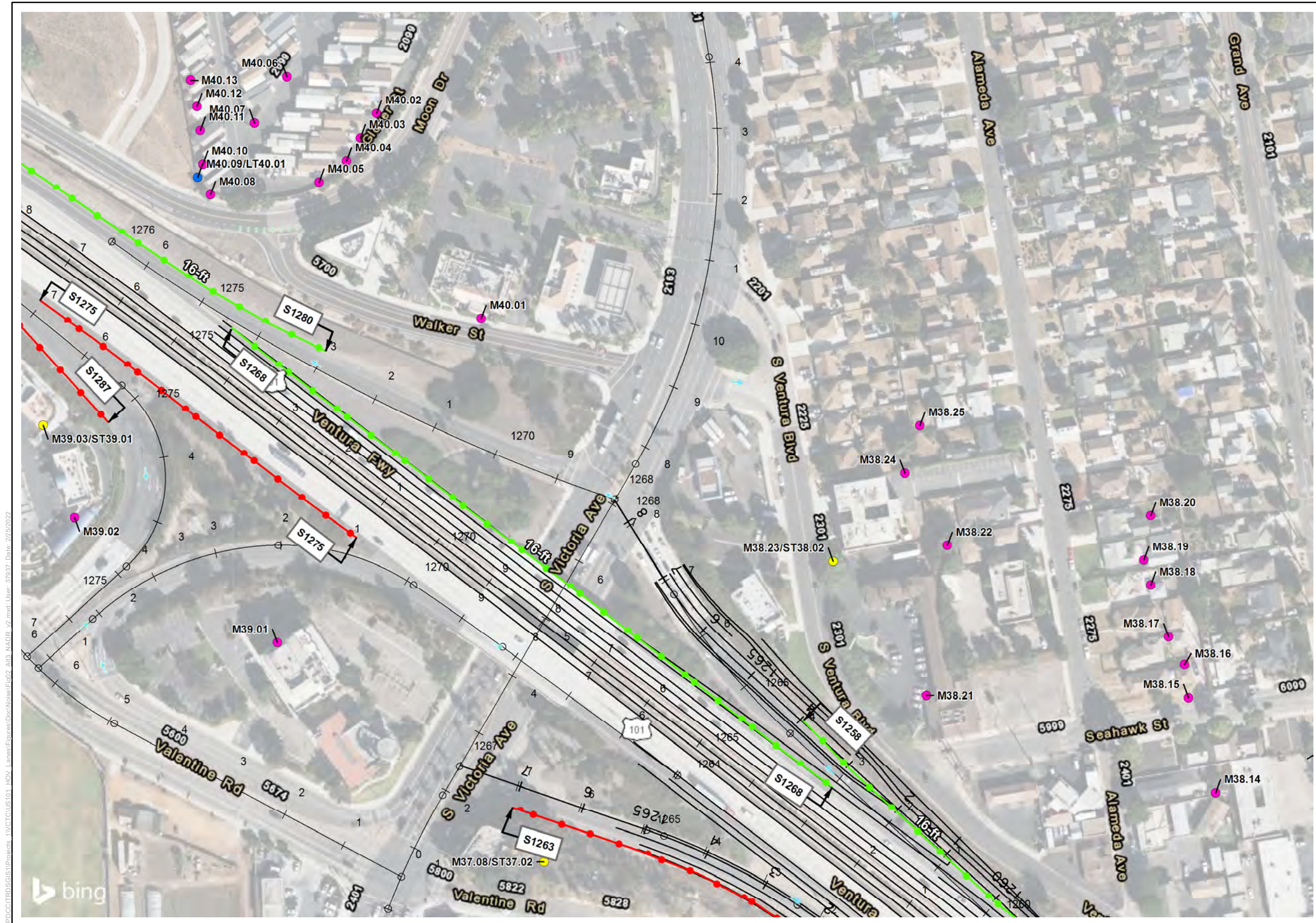
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
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Figure 2, Sheet 66 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
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Figure 2, Sheet 67 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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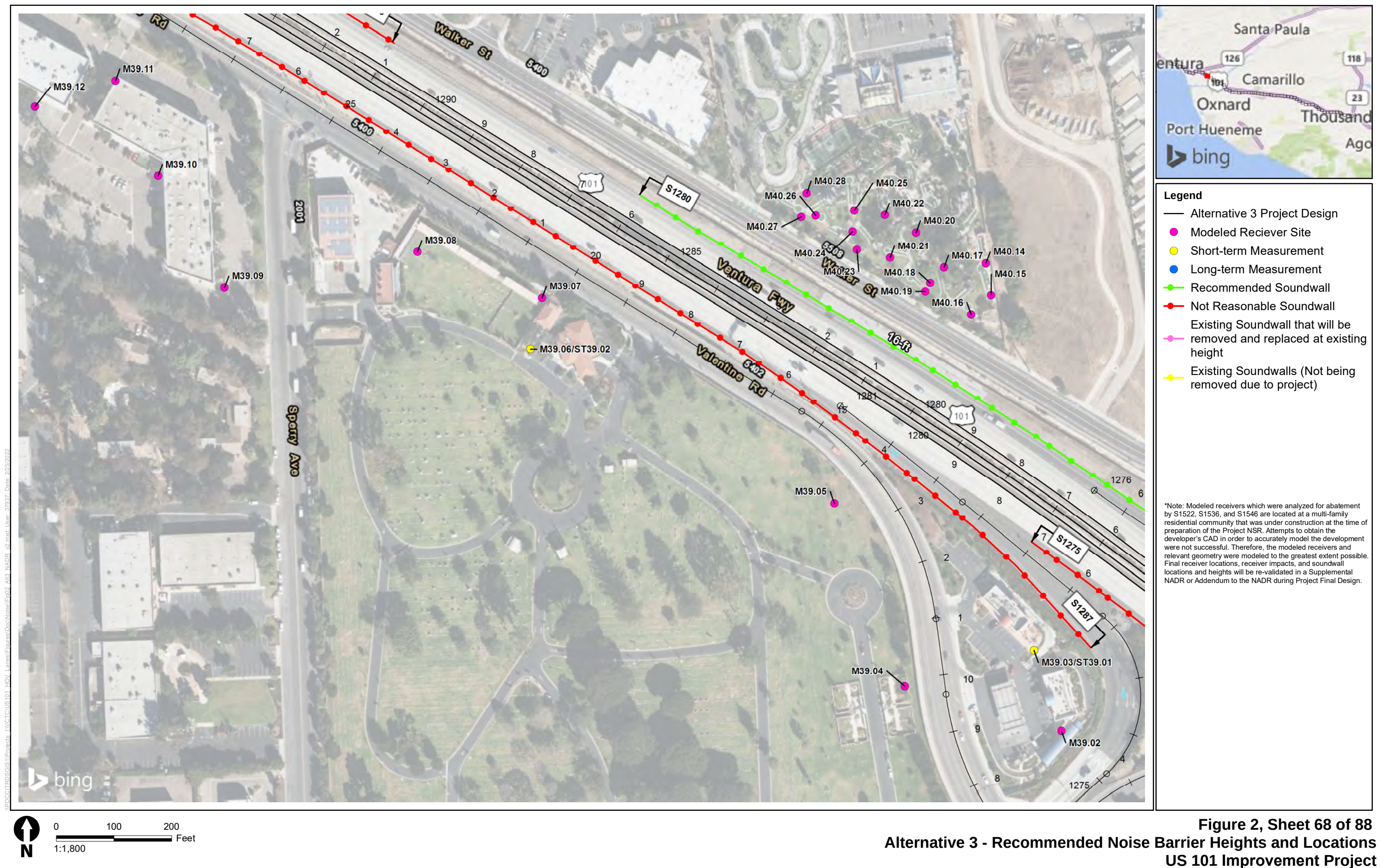
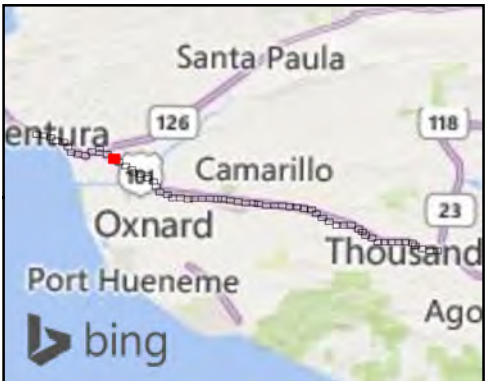
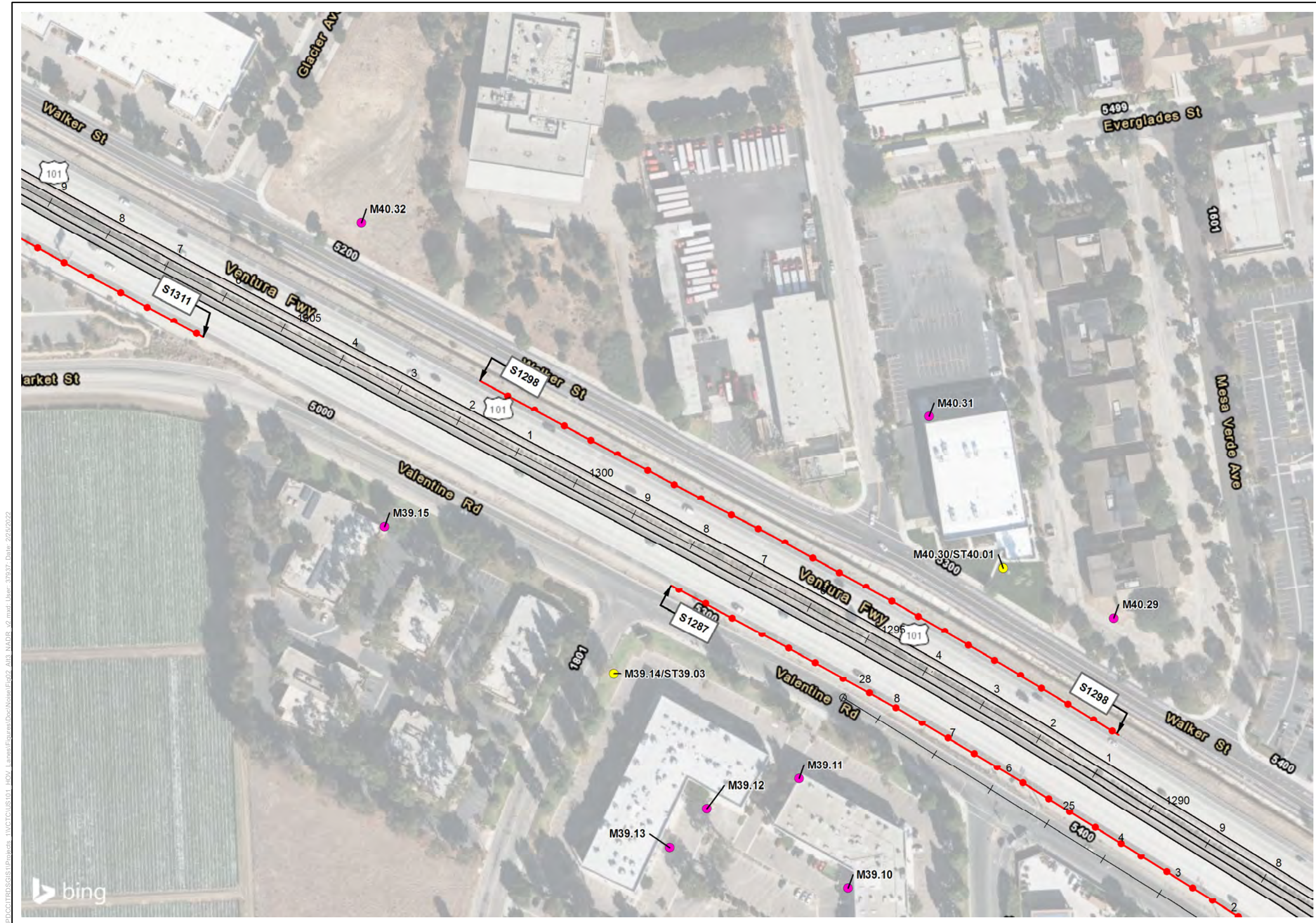


Figure 2, Sheet 68 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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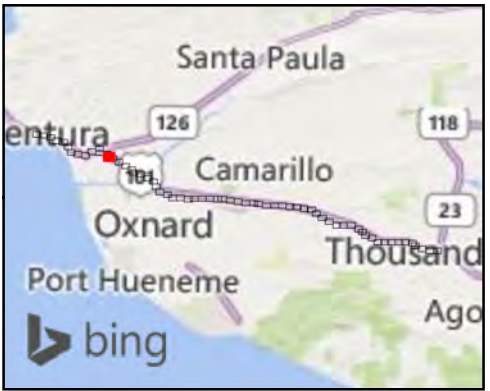
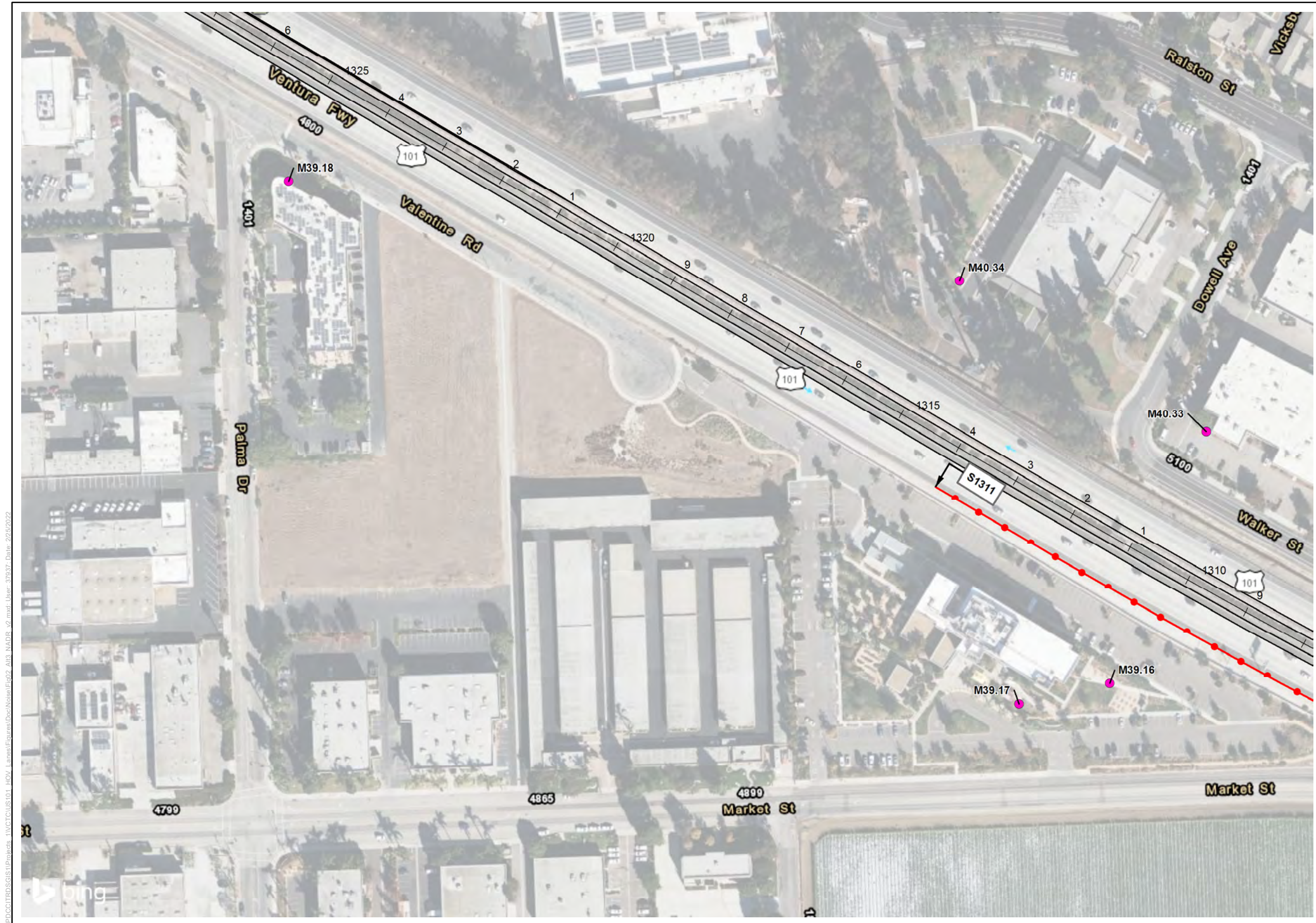


- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
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Figure 2, Sheet 69 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
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Figure 2, Sheet 70 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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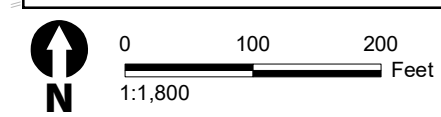
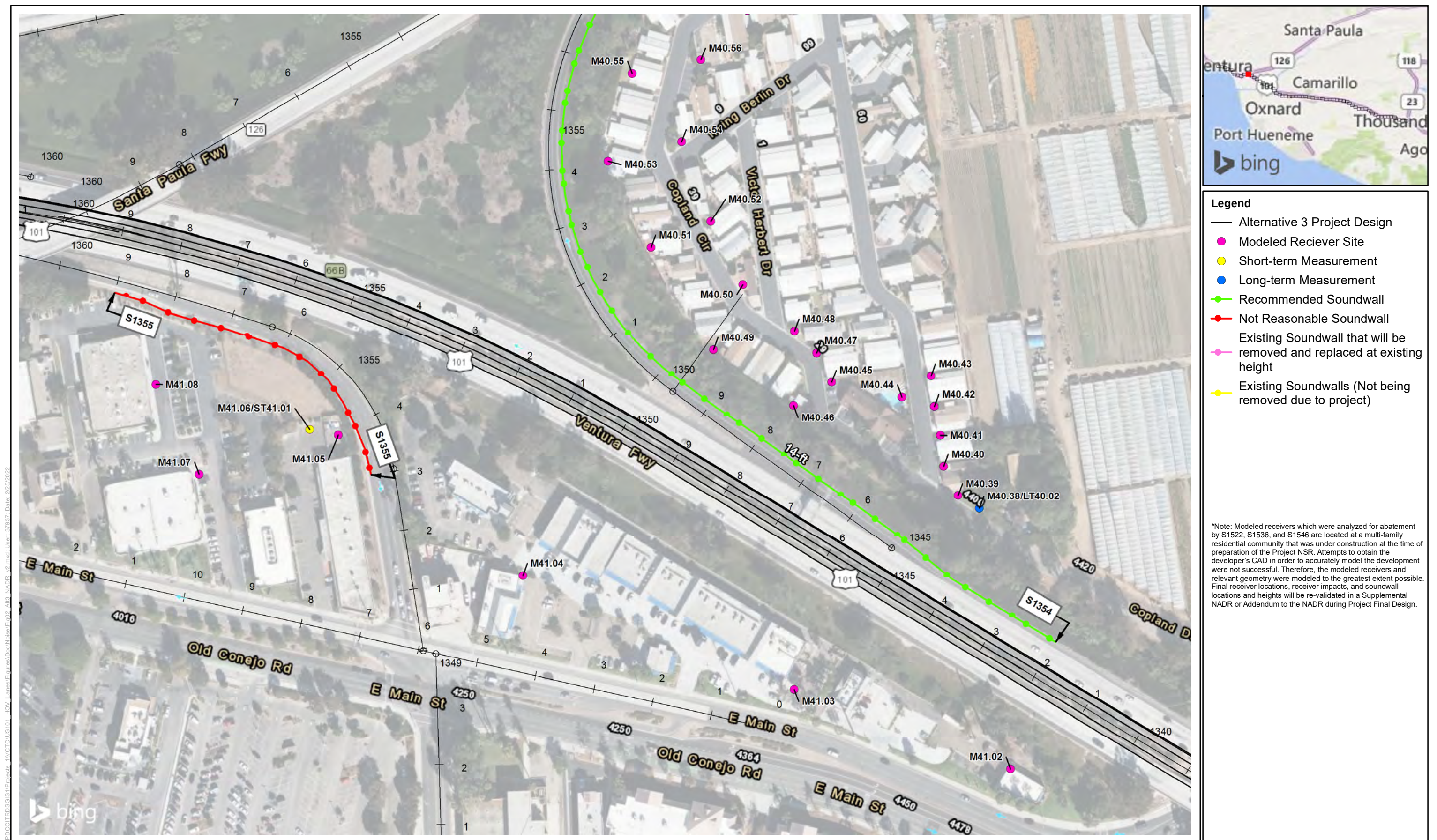
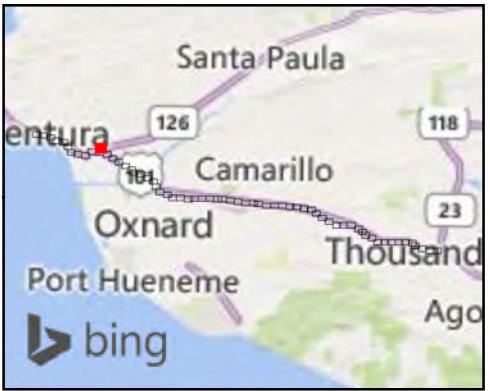


Figure 2, Sheet 72 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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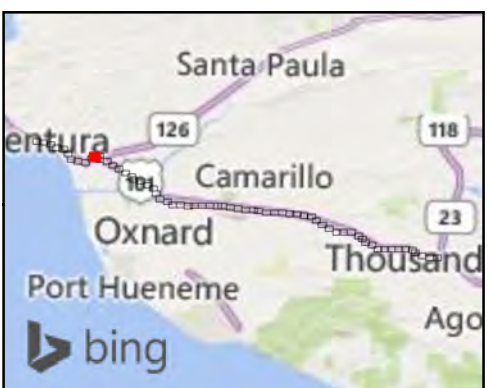
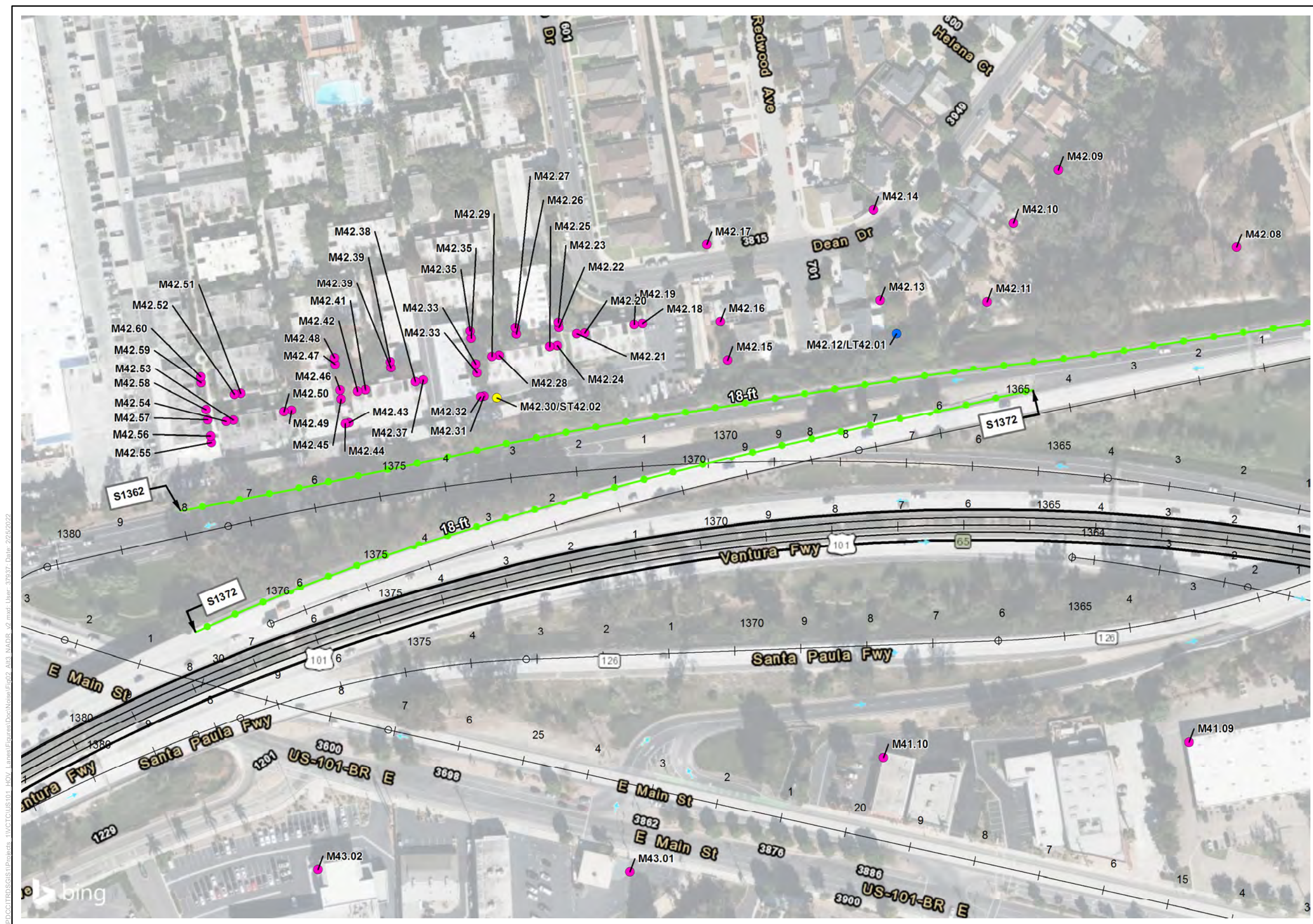
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 73 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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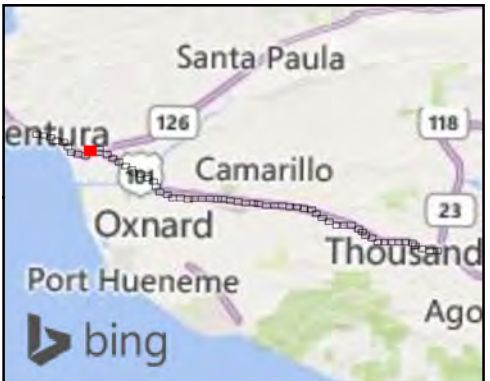
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

*Note: Modeled receivers which were analyzed for abatement by S1522, S1536, and S1546 are located at a multi-family residential community that was under construction at the time of preparation of the Project NSR. Attempts to obtain the developer's CAD in order to accurately model the development were not successful. Therefore, the modeled receivers and relevant geometry were modeled to the greatest extent possible. Final receiver locations, receiver impacts, and soundwall locations and heights will be re-validated in a Supplemental NADR or Addendum to the NADR during Project Final Design.



Figure 2, Sheet 74 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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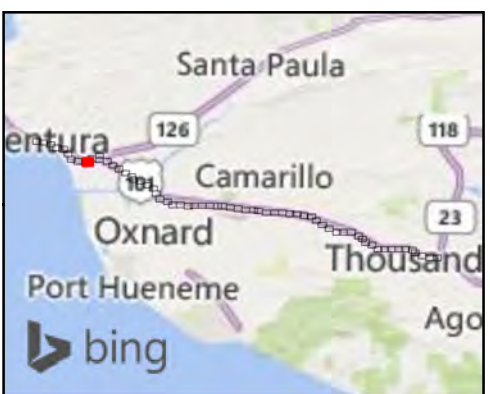
- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 75 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Figure 2, Sheet 77 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project



Figure 2, Sheet 78 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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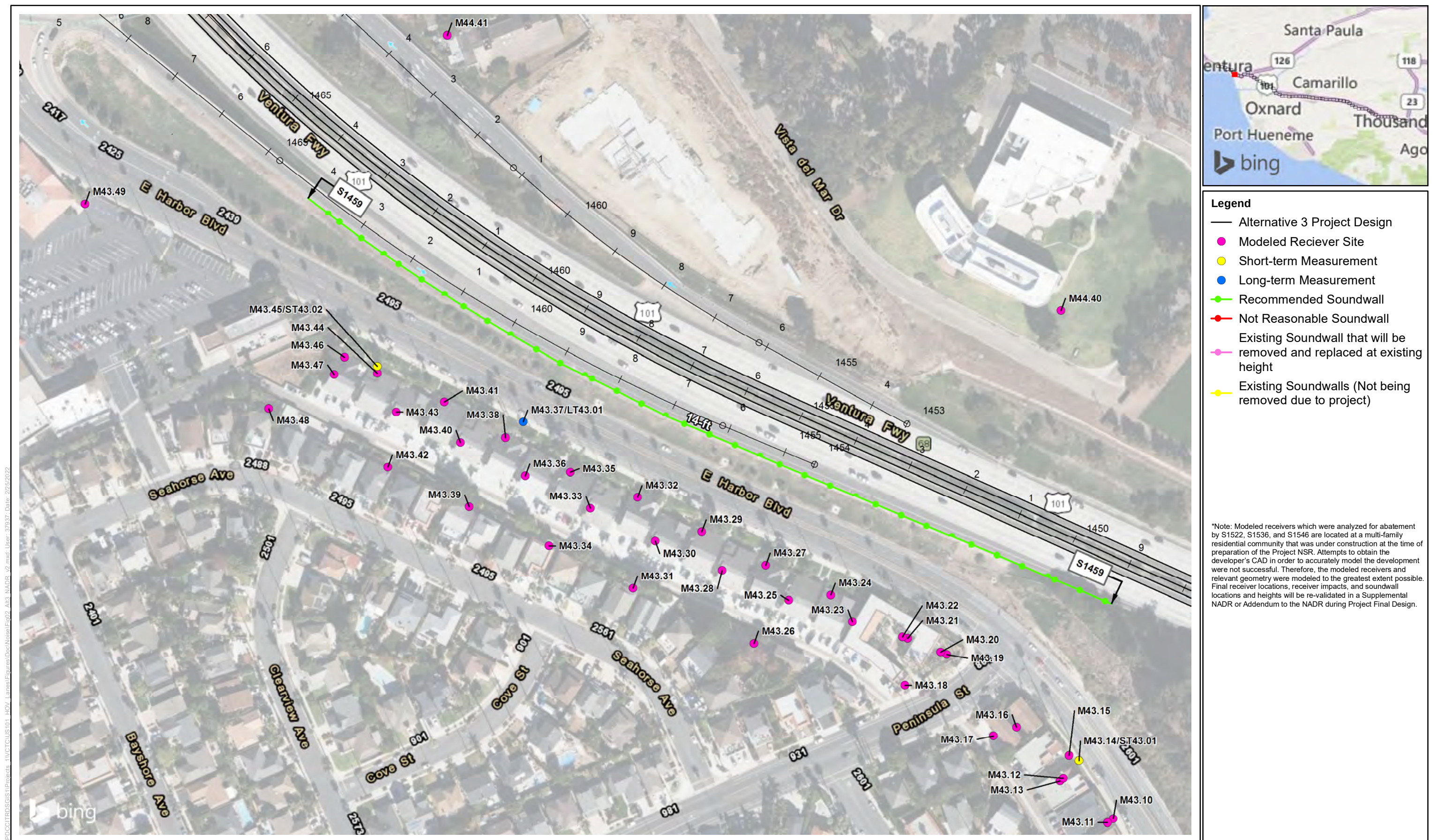


Figure 2, Sheet 79 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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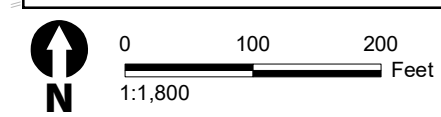


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Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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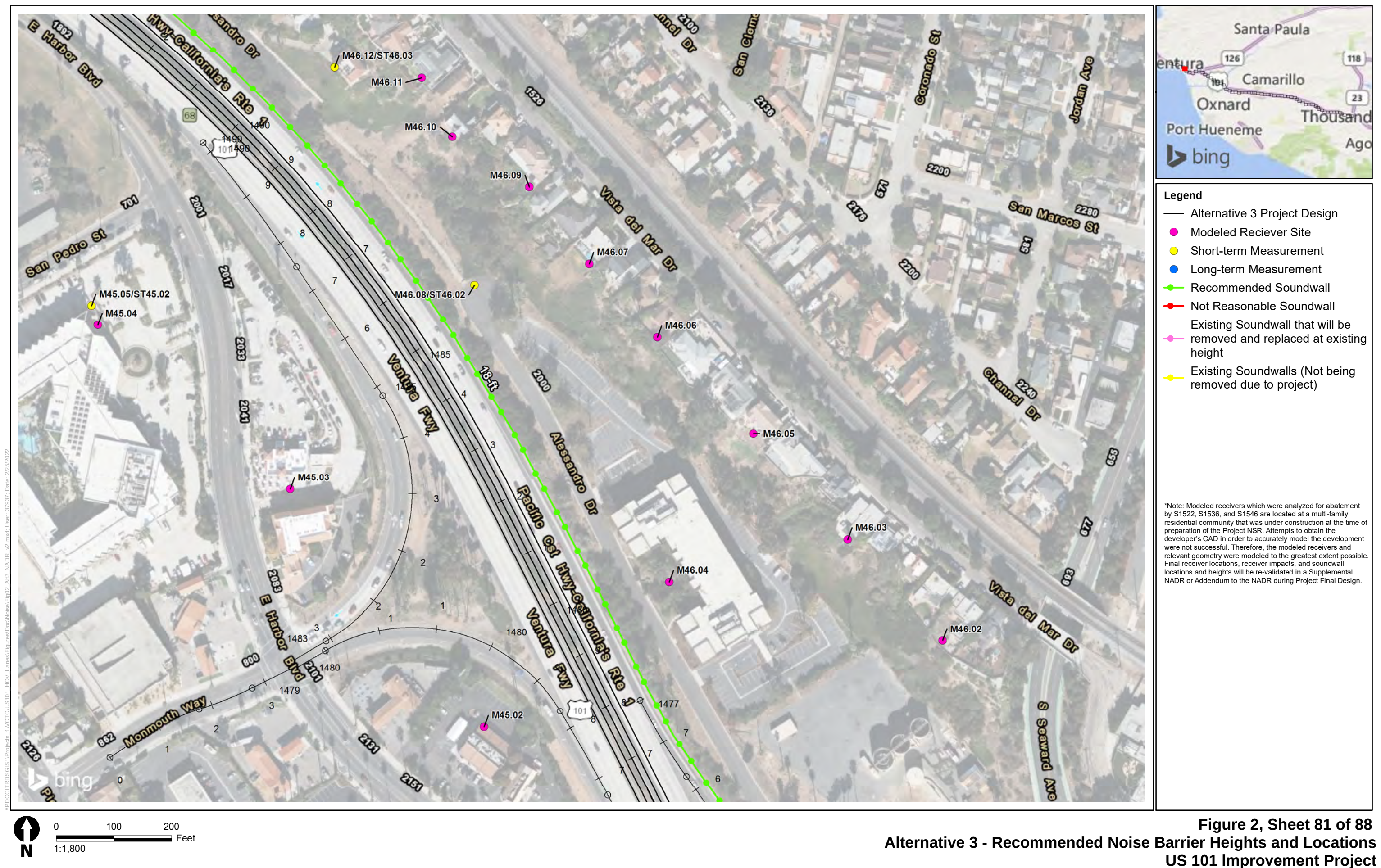
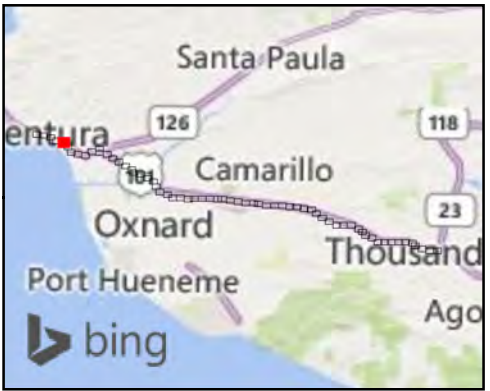


Figure 2, Sheet 81 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

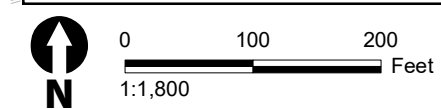
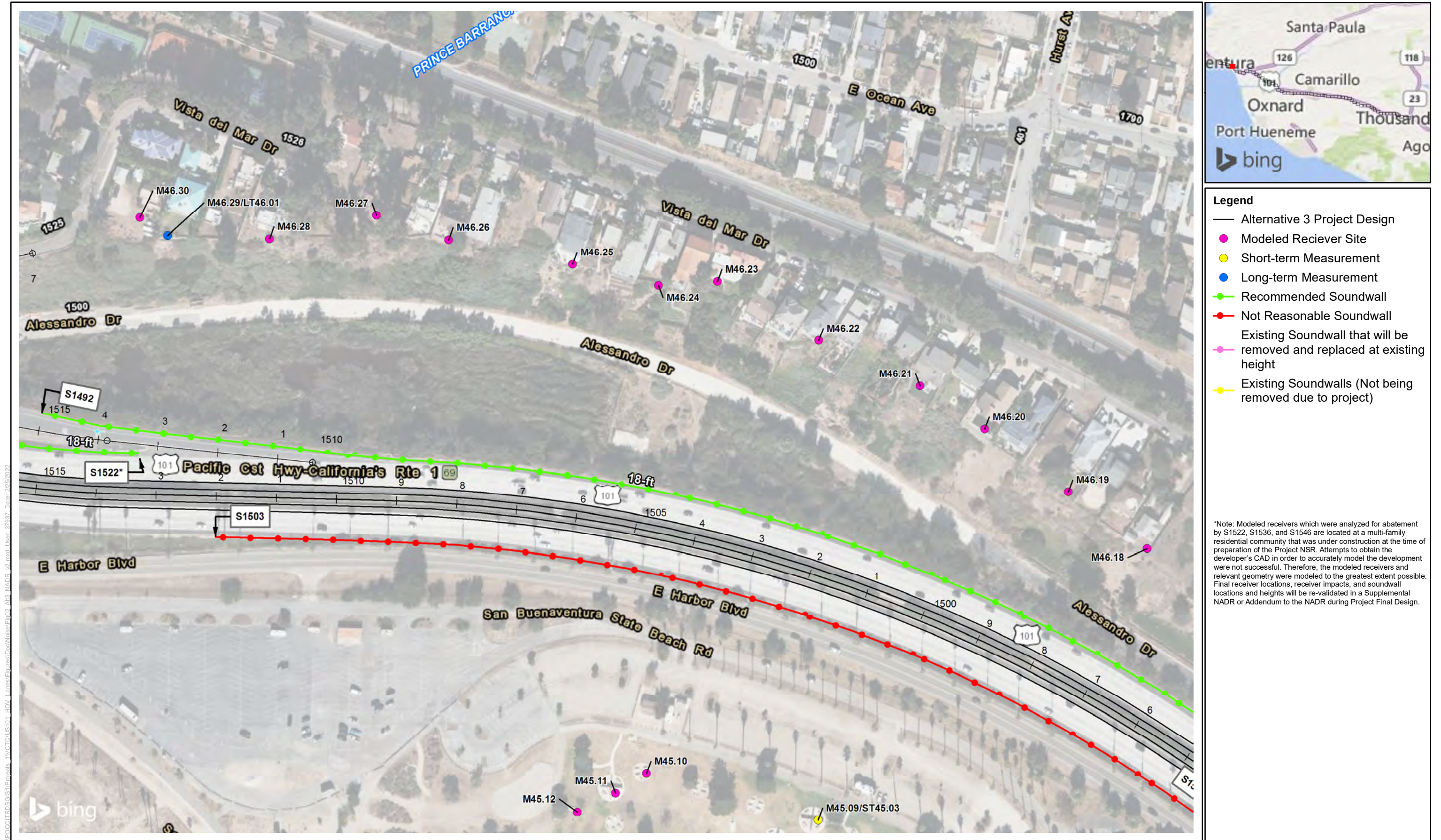
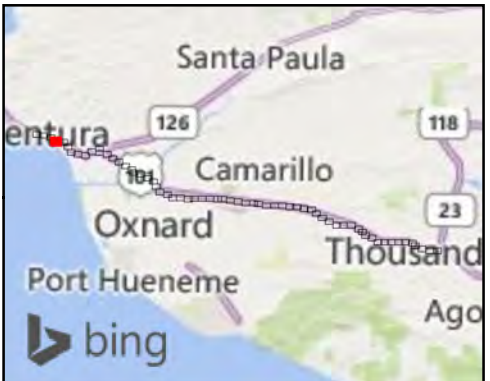


Figure 2, Sheet 83 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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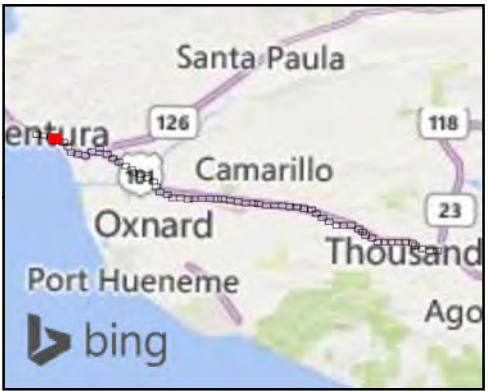
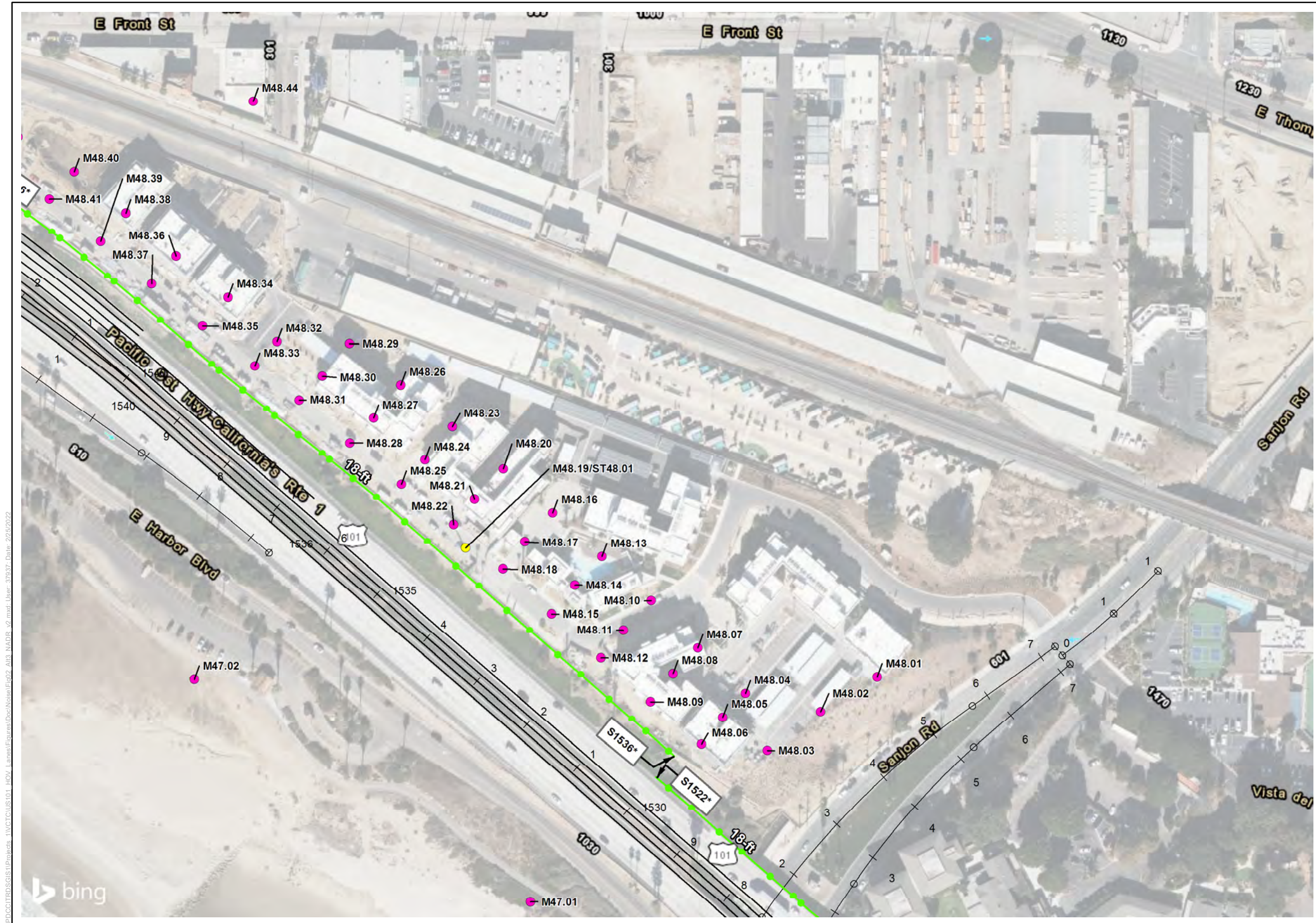
- Legend**
- Alternative 3 Project Design
 - Modeled Reciever Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
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Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
 - Existing Soundwalls (Not being removed due to project)

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Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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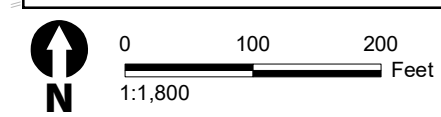
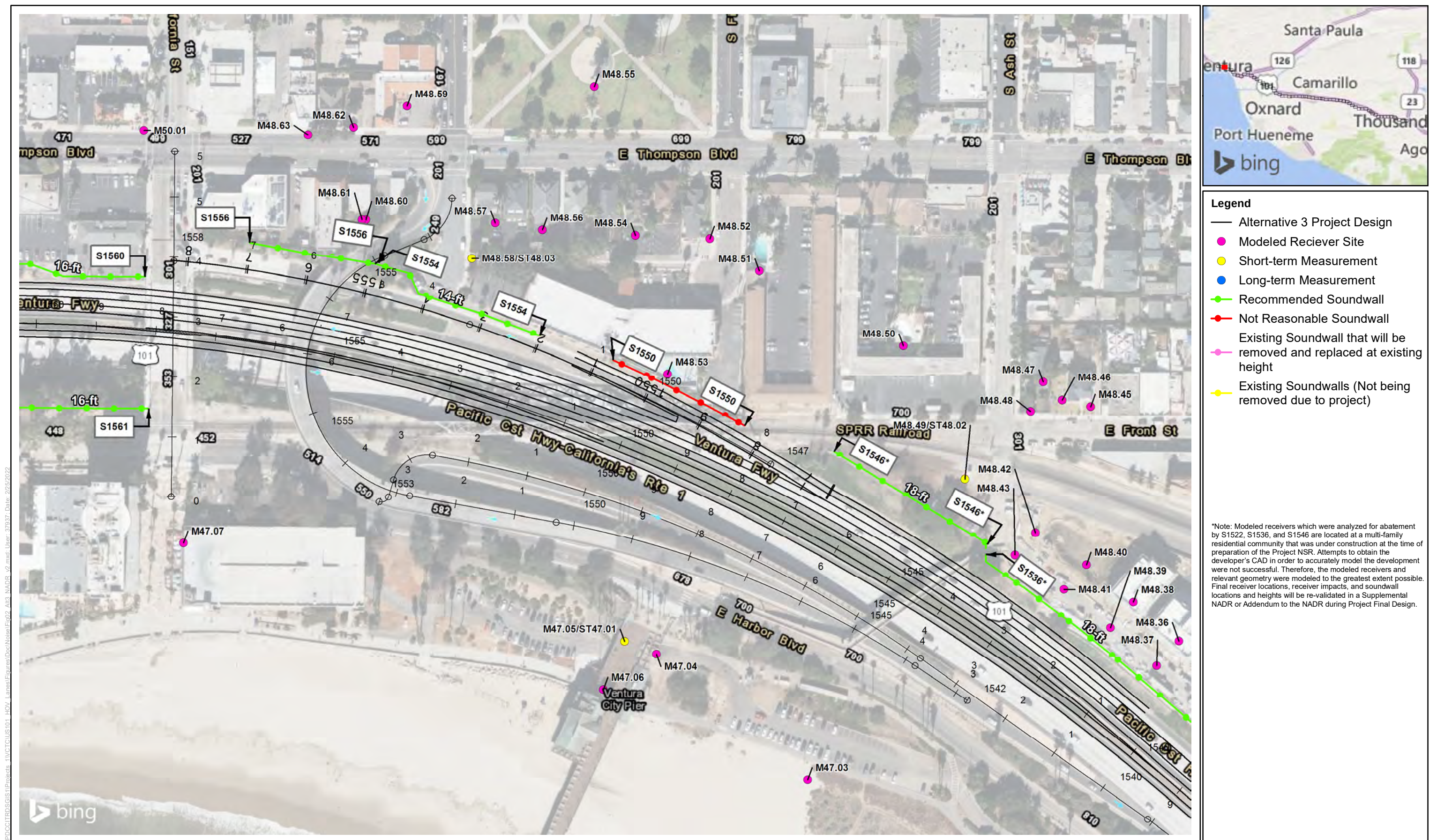


Figure 2, Sheet 86 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

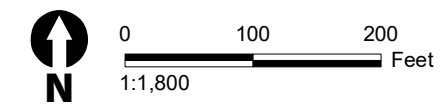
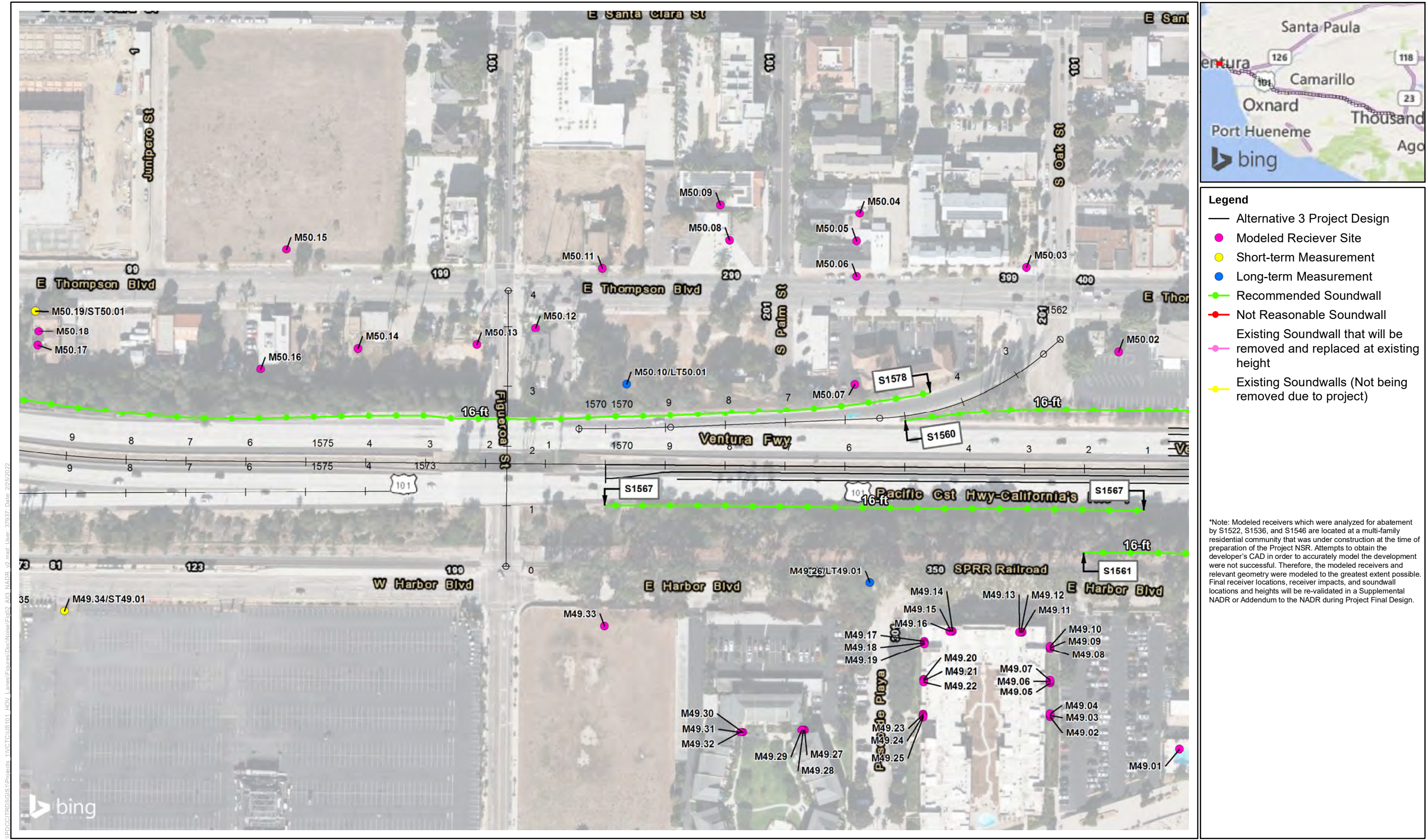
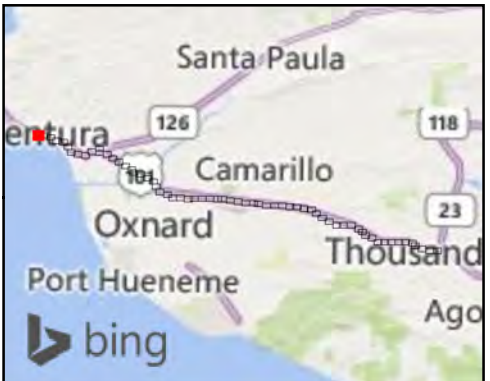
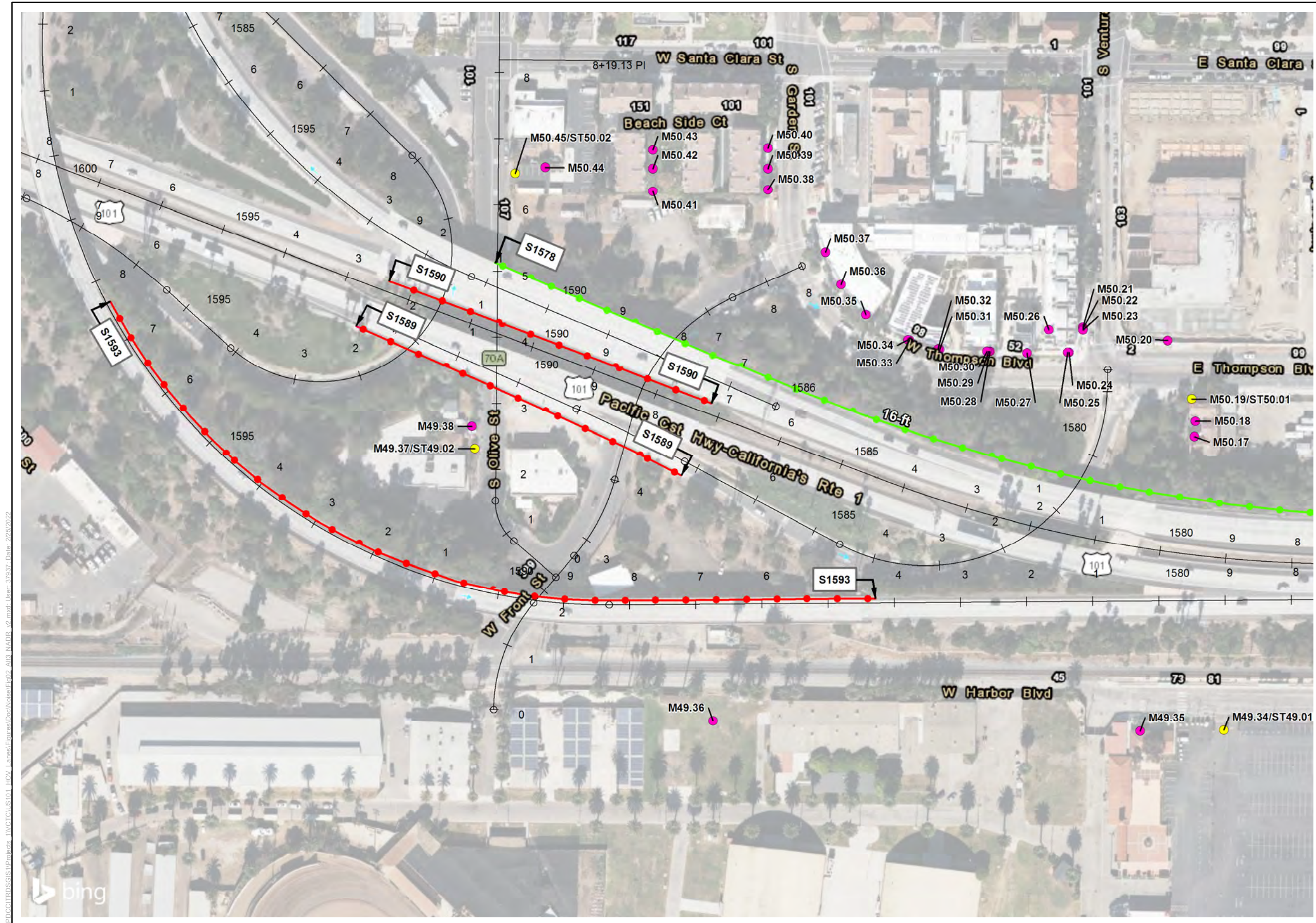


Figure 2, Sheet 87 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project

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- Legend**
- Alternative 3 Project Design
 - Modeled Receiver Site
 - Short-term Measurement
 - Long-term Measurement
 - Recommended Soundwall
 - Not Reasonable Soundwall
 - Existing Soundwall that will be removed and replaced at existing height
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Figure 2, Sheet 88 of 88
Alternative 3 - Recommended Noise Barrier Heights and Locations
US 101 Improvement Project