

Draft Environmental Impact Report Appendix 3.6-C: Vibration Detail Maps

C LINE (GREEN) EXTENSION TO TORRANCE



Draft Environmental Impact Report

Appendix 3.6-C: Vibration Detail Maps

January 2023

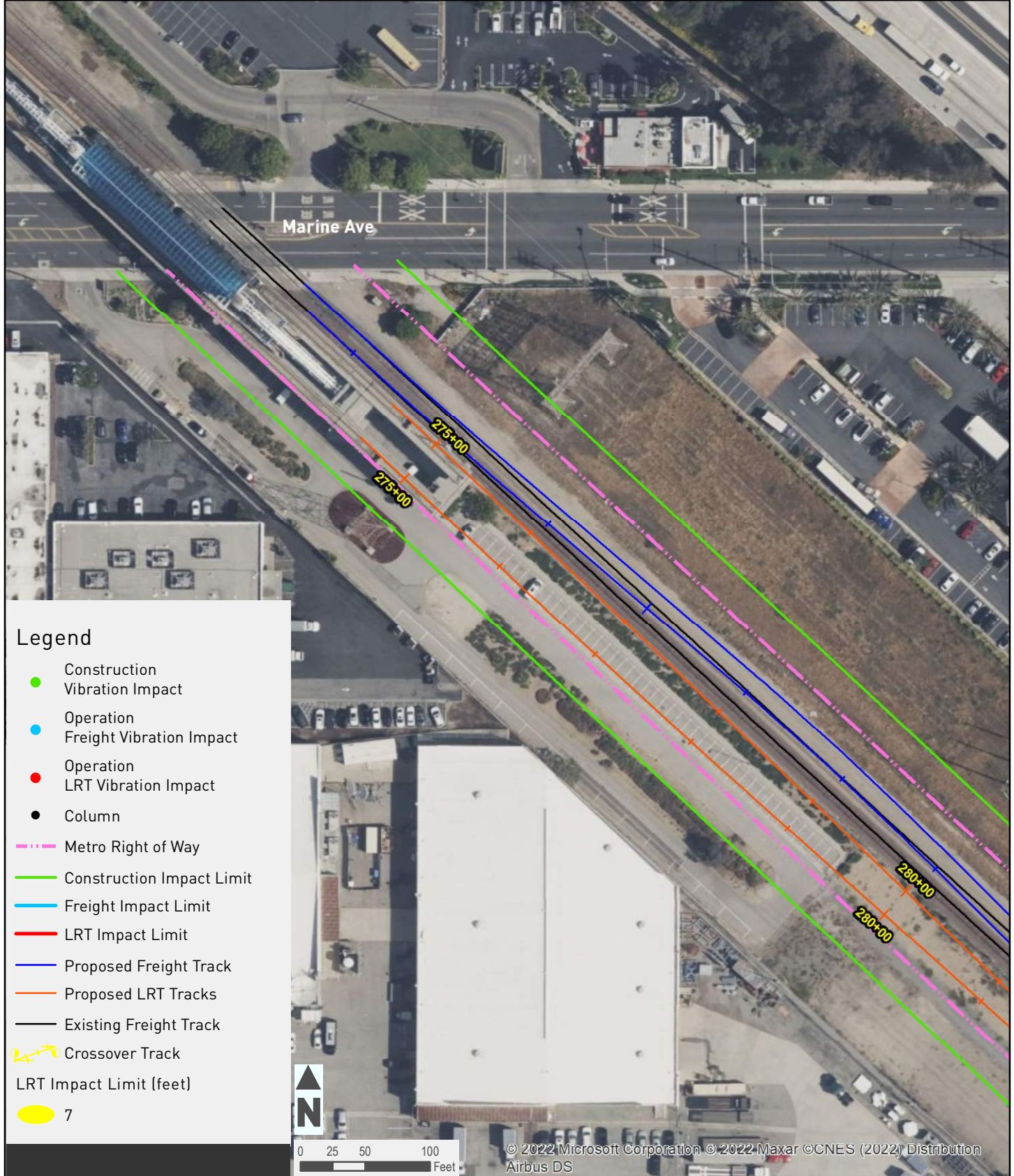


Figure 3.6-C1
Construction & Operational Vibration Impacts
Proposed Project

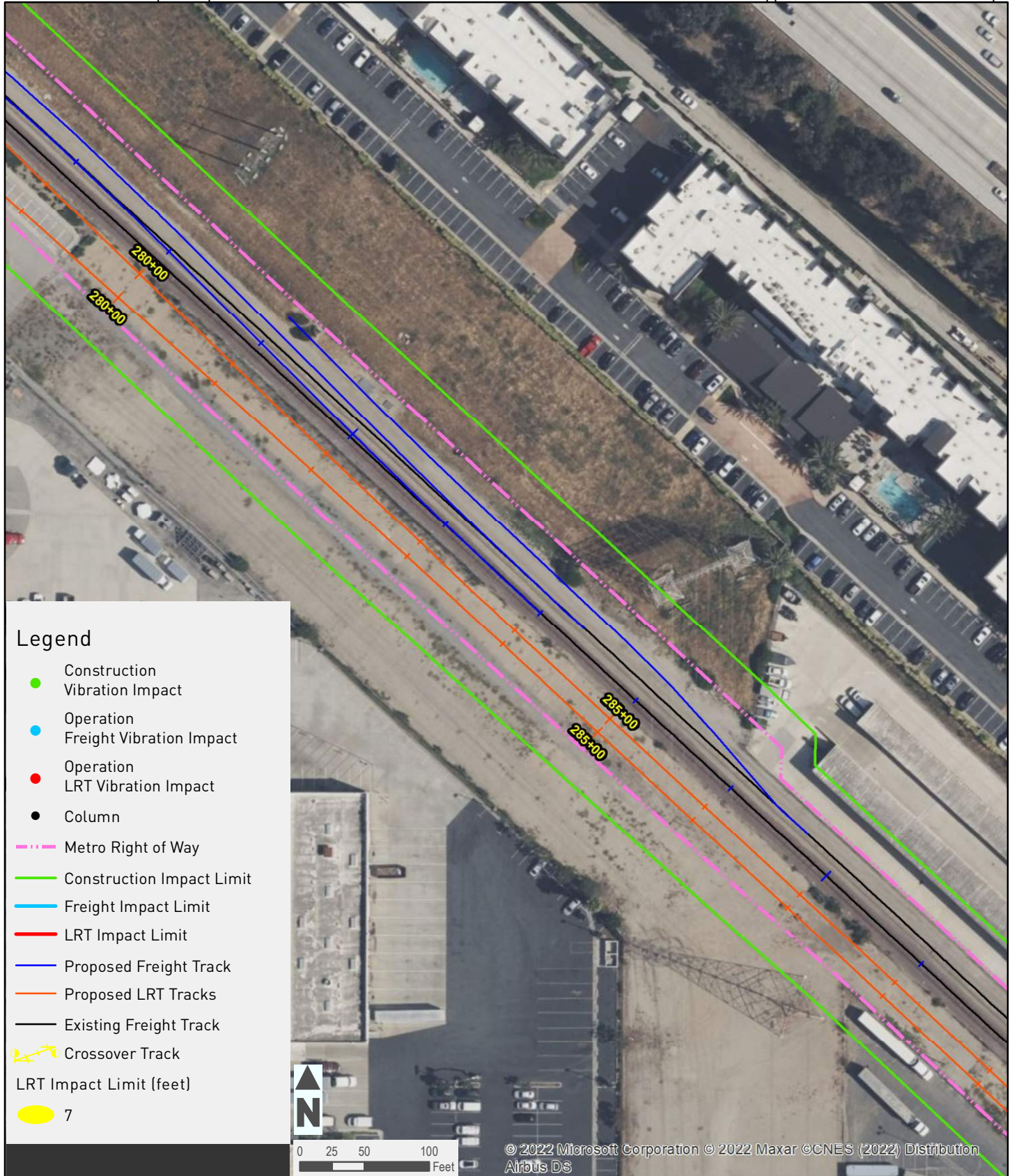


Figure 3.6-C2
Construction & Operational Vibration Impacts
Proposed Project



Figure 3.6-C3
Construction & Operational Vibration Impacts
Proposed Project

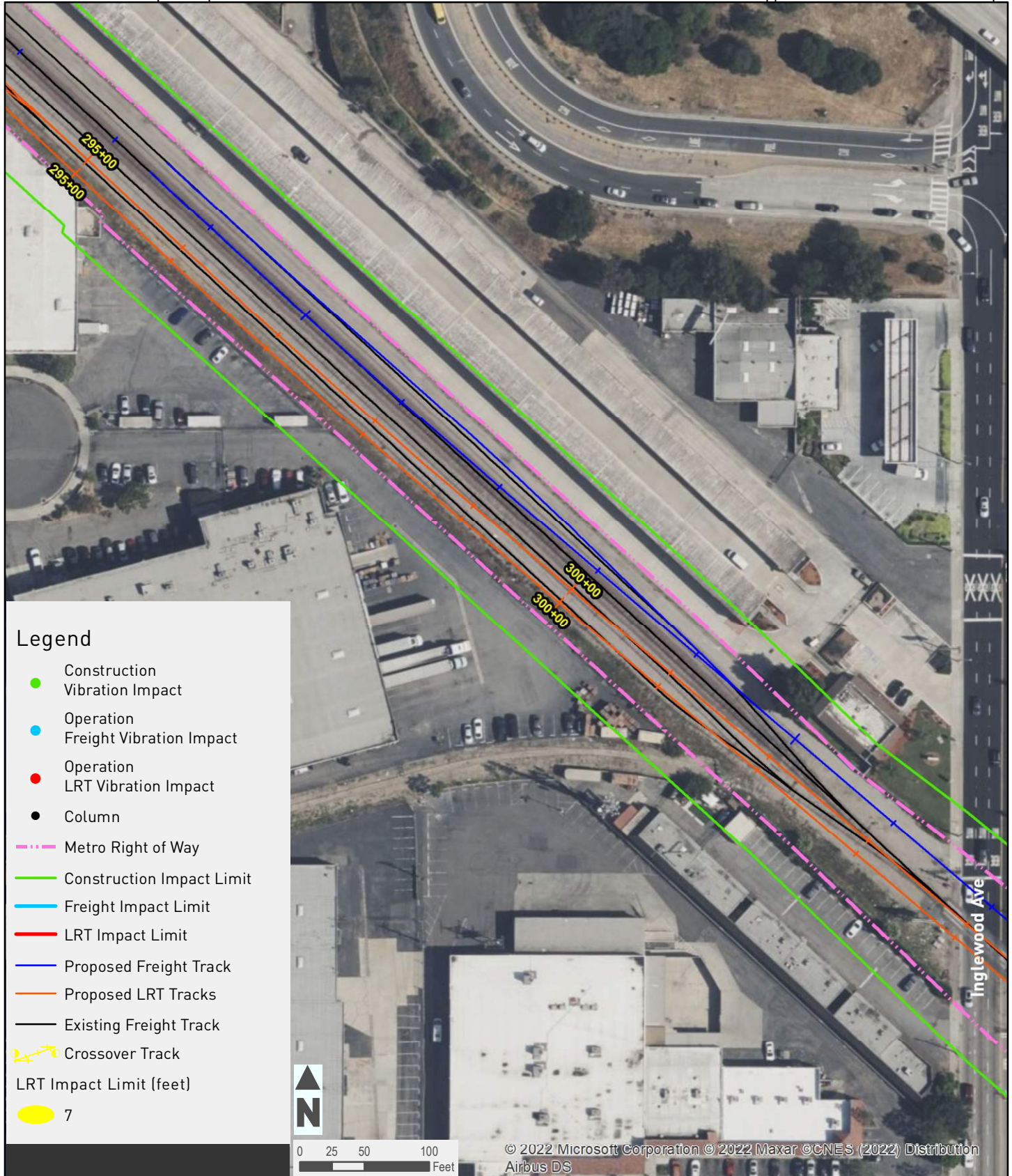
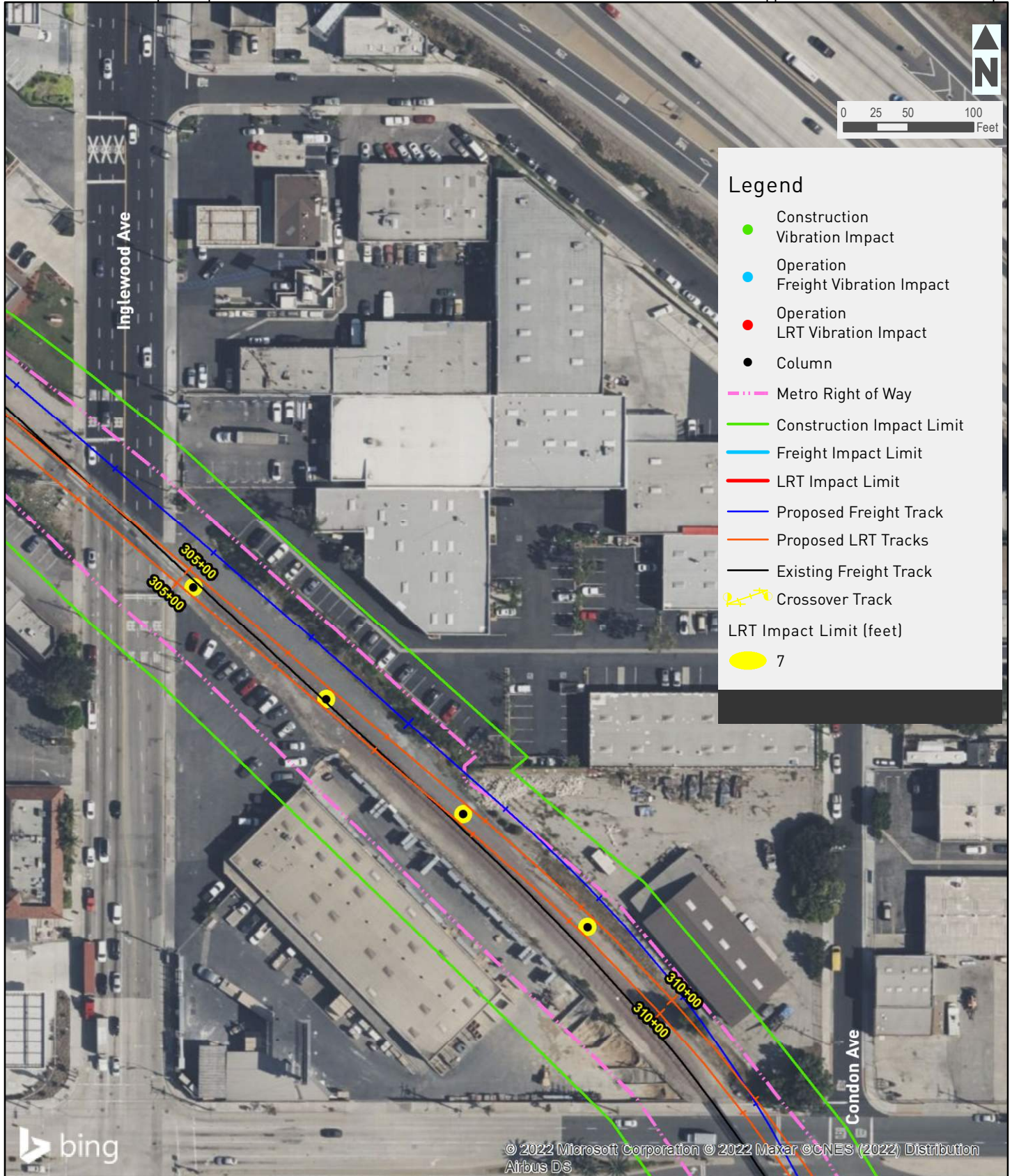


Figure 3.6-C4
Construction & Operational Vibration Impacts
Proposed Project



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Figure 3.6-C5
Construction & Operational Vibration Impacts
Proposed Project

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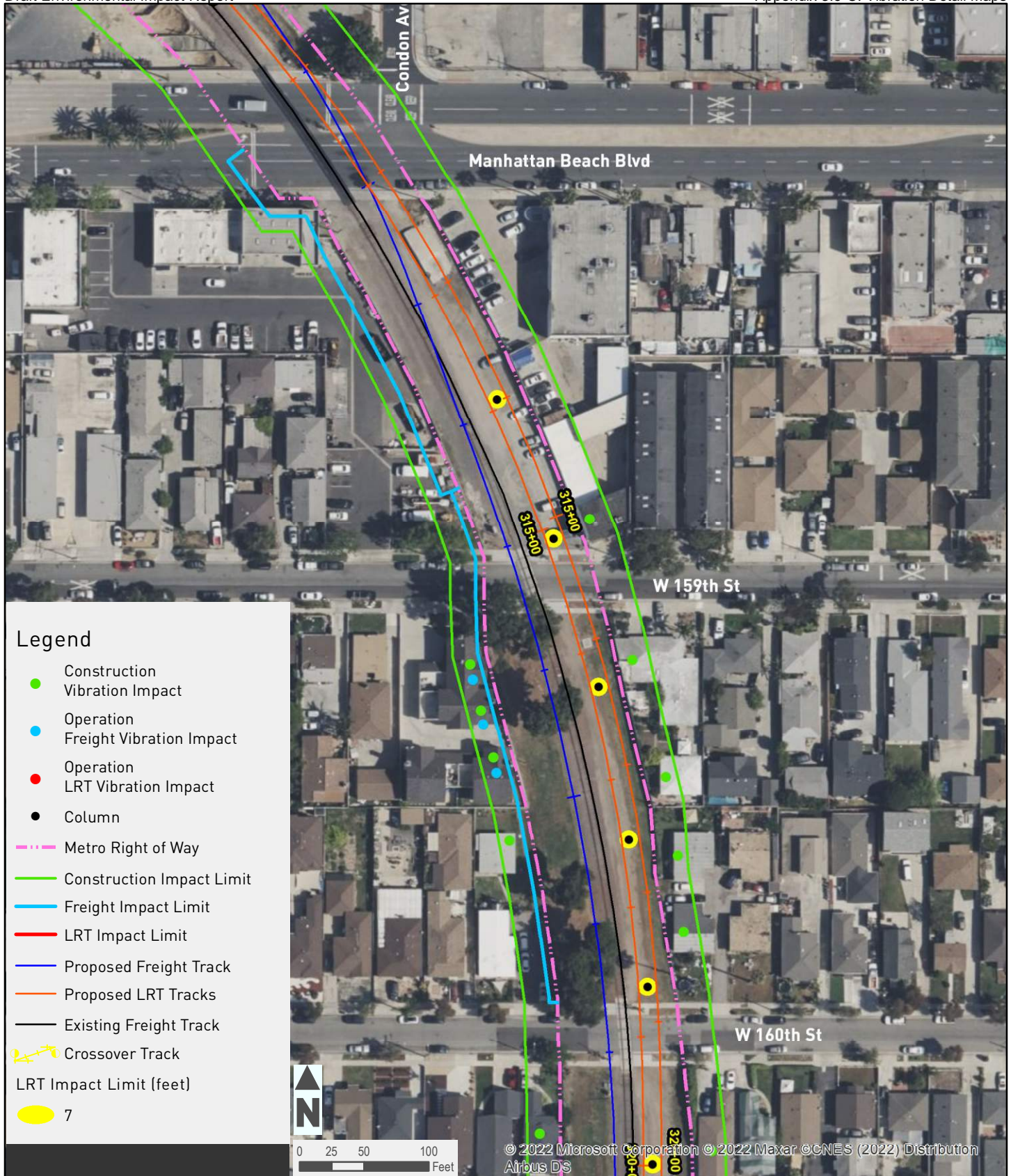


Figure 3.6-C6
Construction & Operational Vibration Impacts
Proposed Project

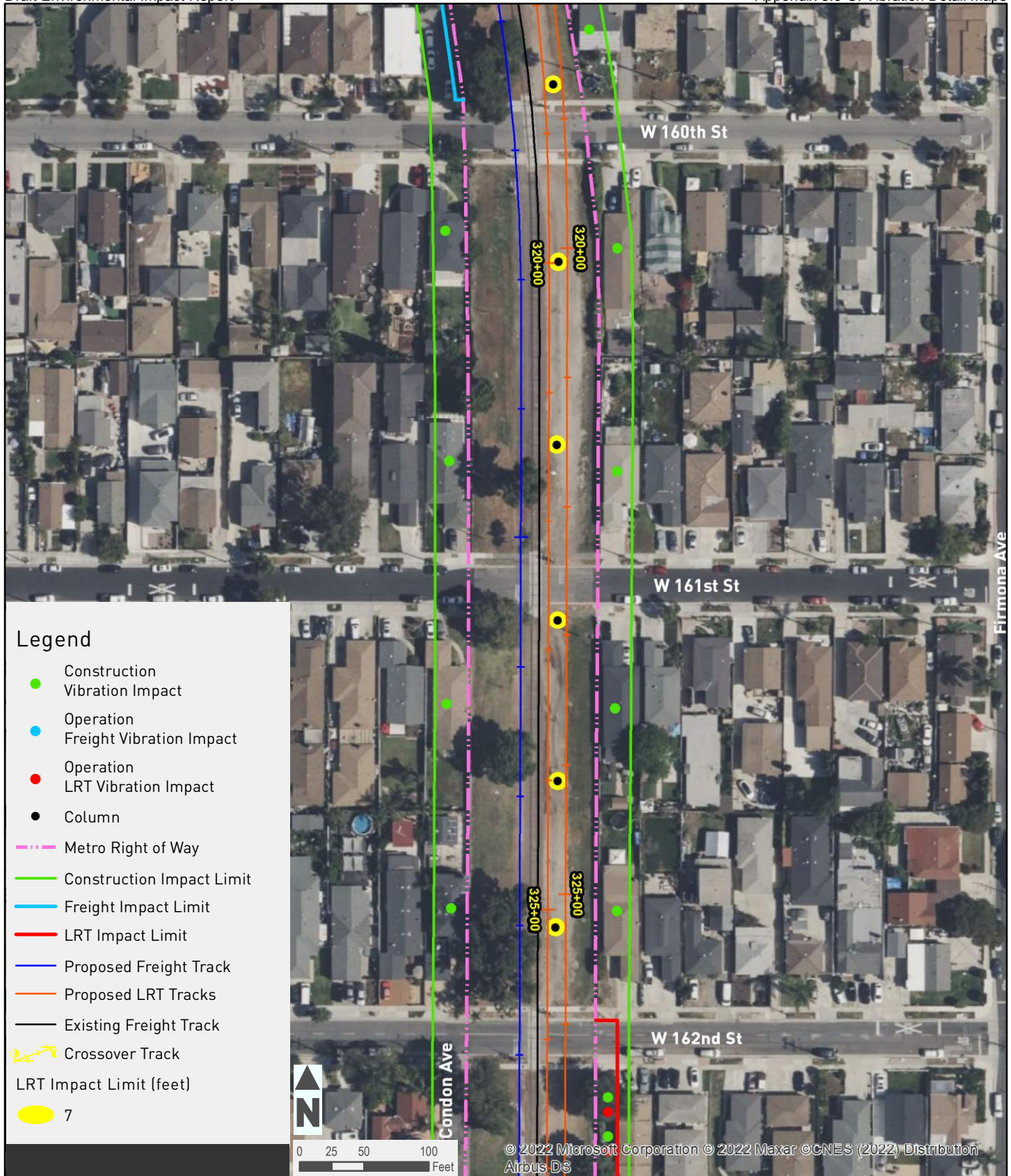


Figure 3.6-C7
Construction & Operational Vibration Impacts
Proposed Project



Figure 3.6-C8
Construction & Operational Vibration Impacts
Proposed Project

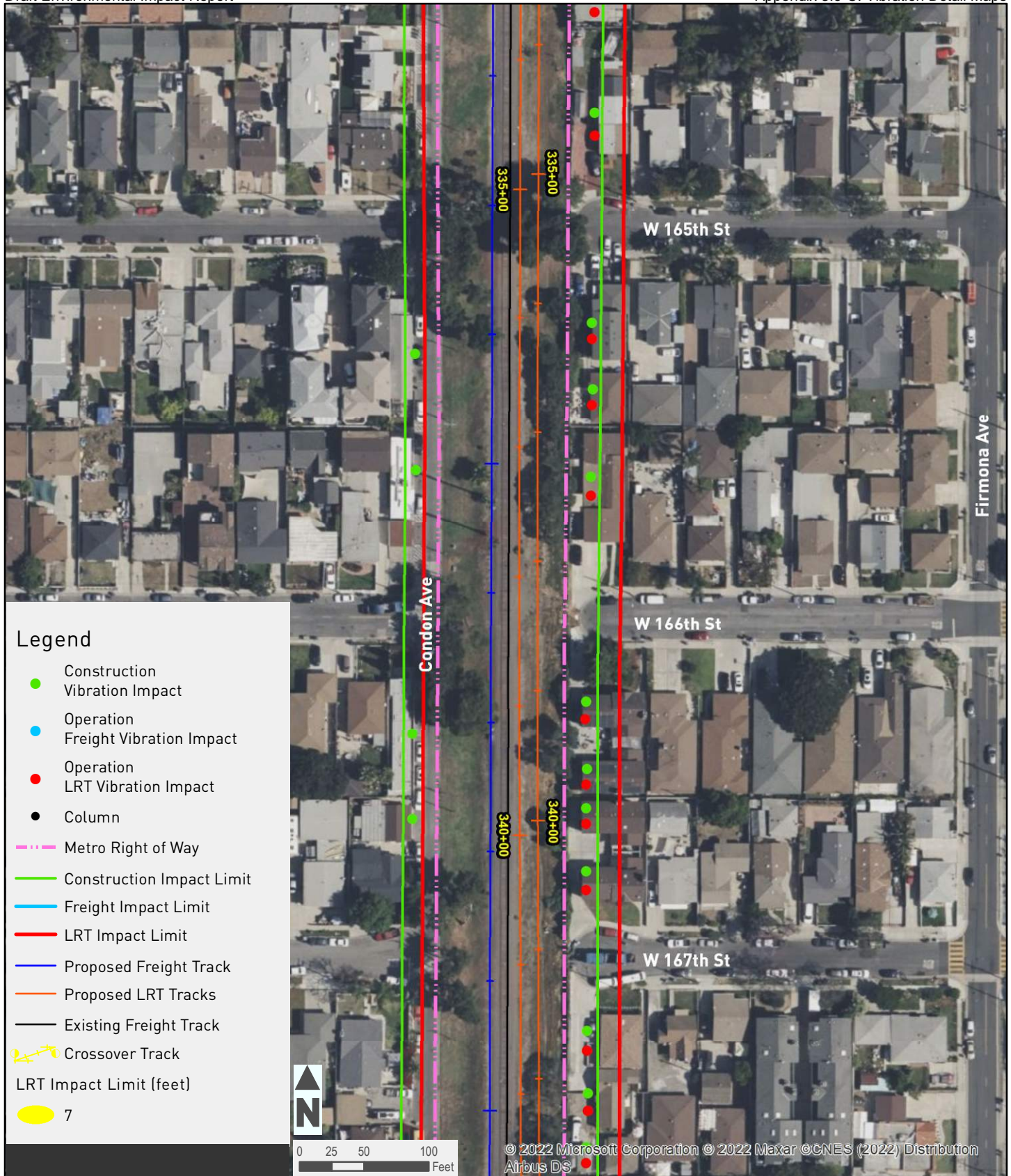


Figure 3.6-C9
Construction & Operational Vibration Impacts
Proposed Project

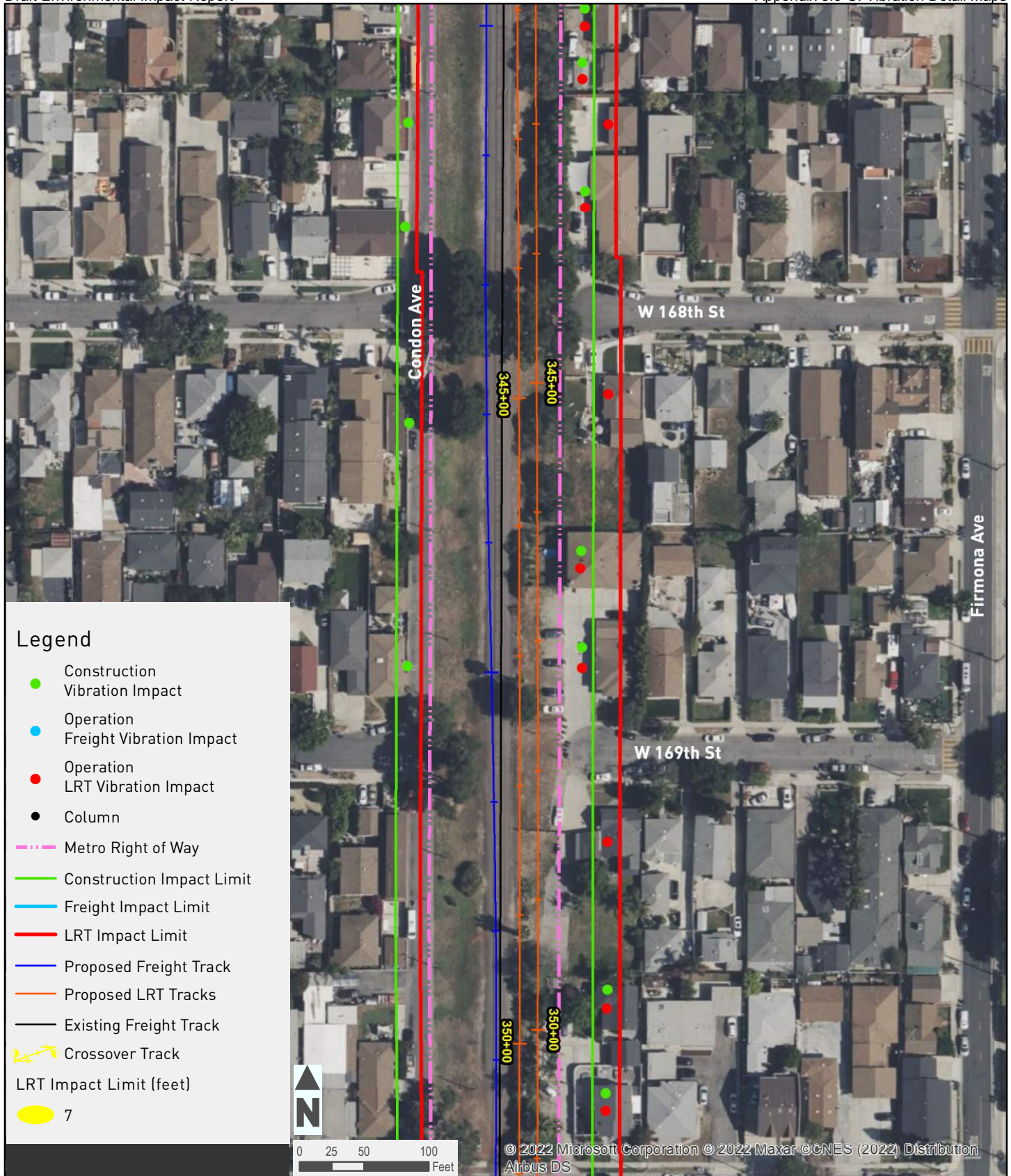


Figure 3.6-C10
Construction & Operational Vibration Impacts
Proposed Project

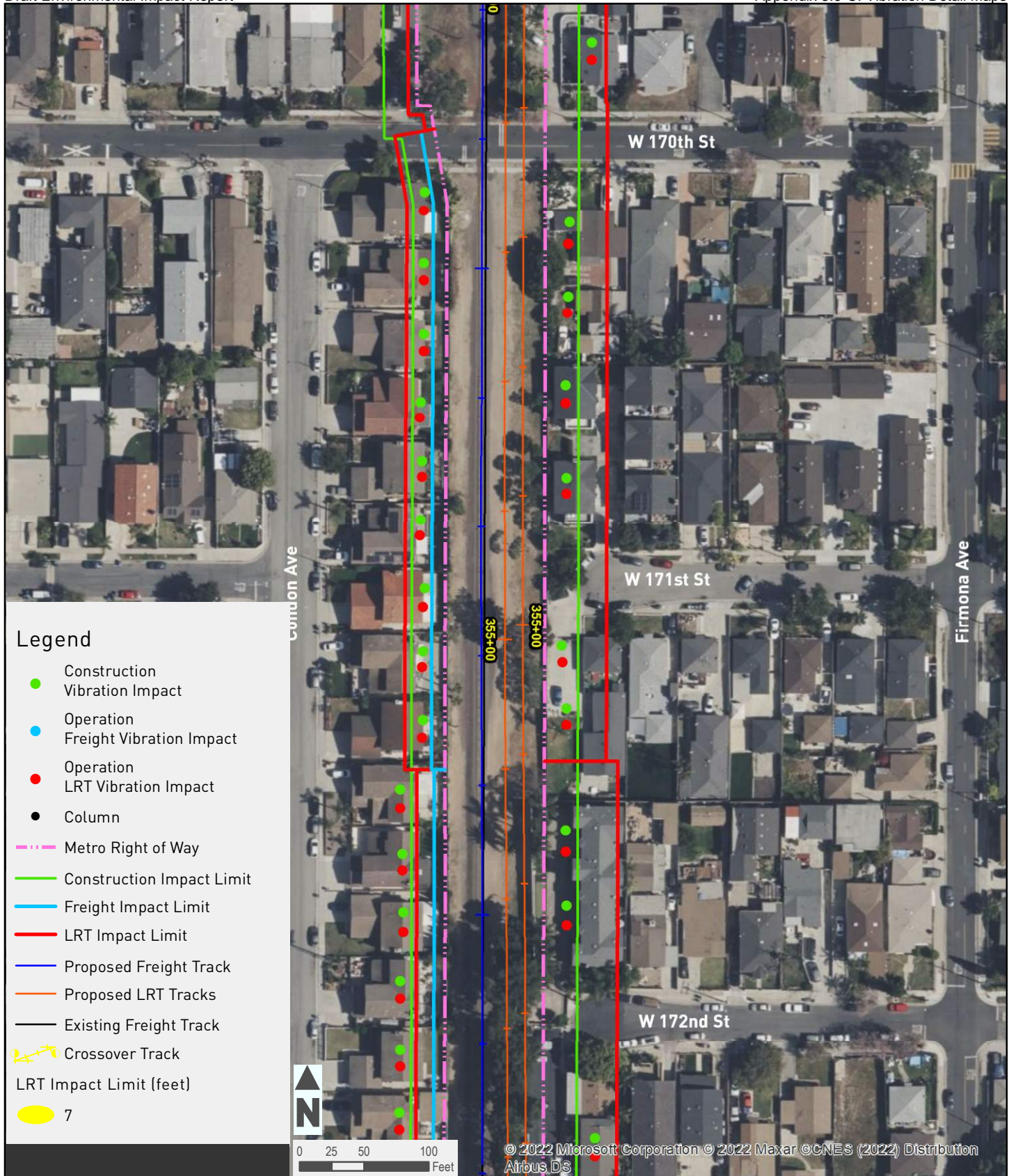


Figure 3.6-C11
Construction & Operational Vibration Impacts
Proposed Project

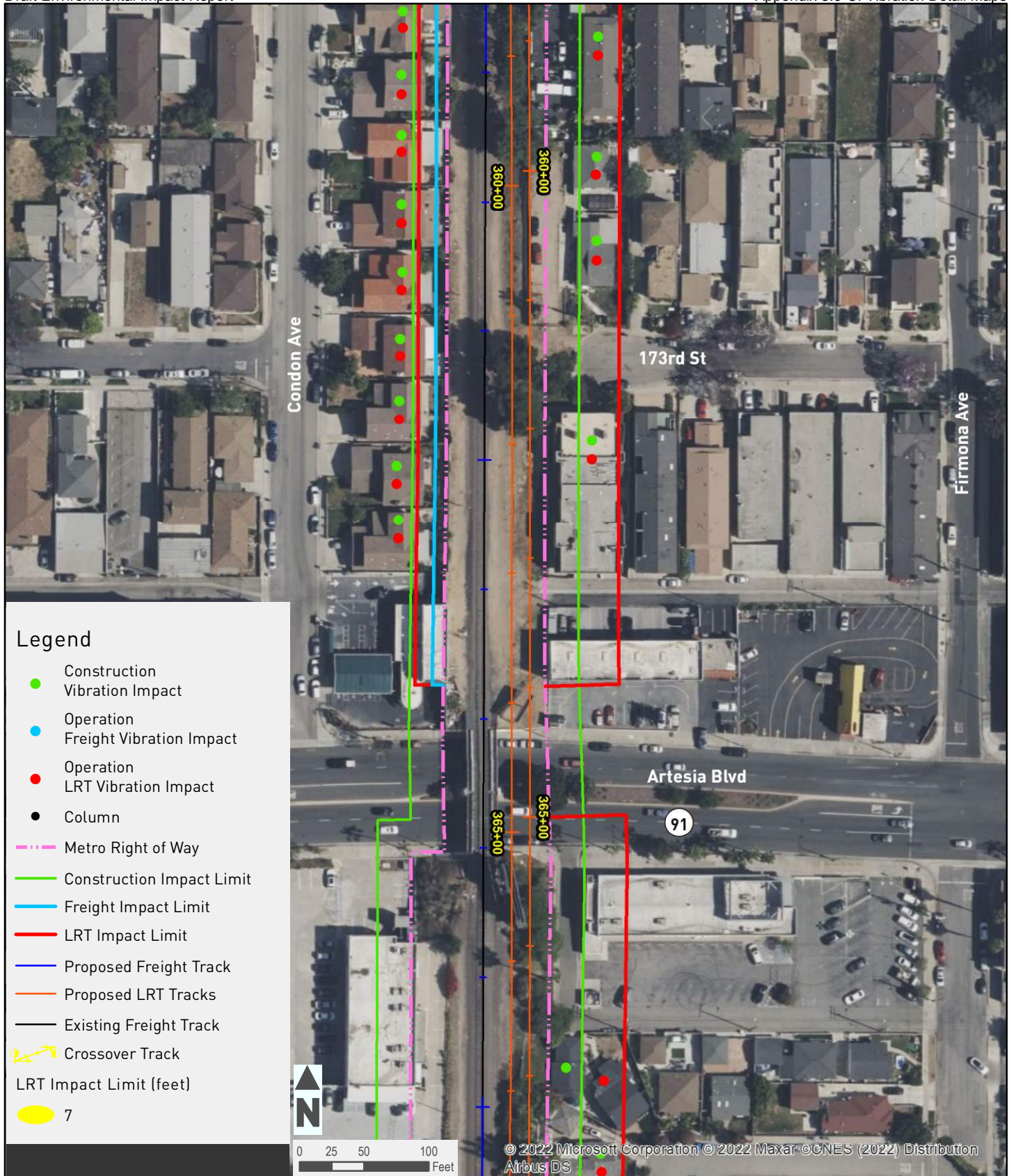


Figure 3.6-C12
Construction & Operational Vibration Impacts
Proposed Project

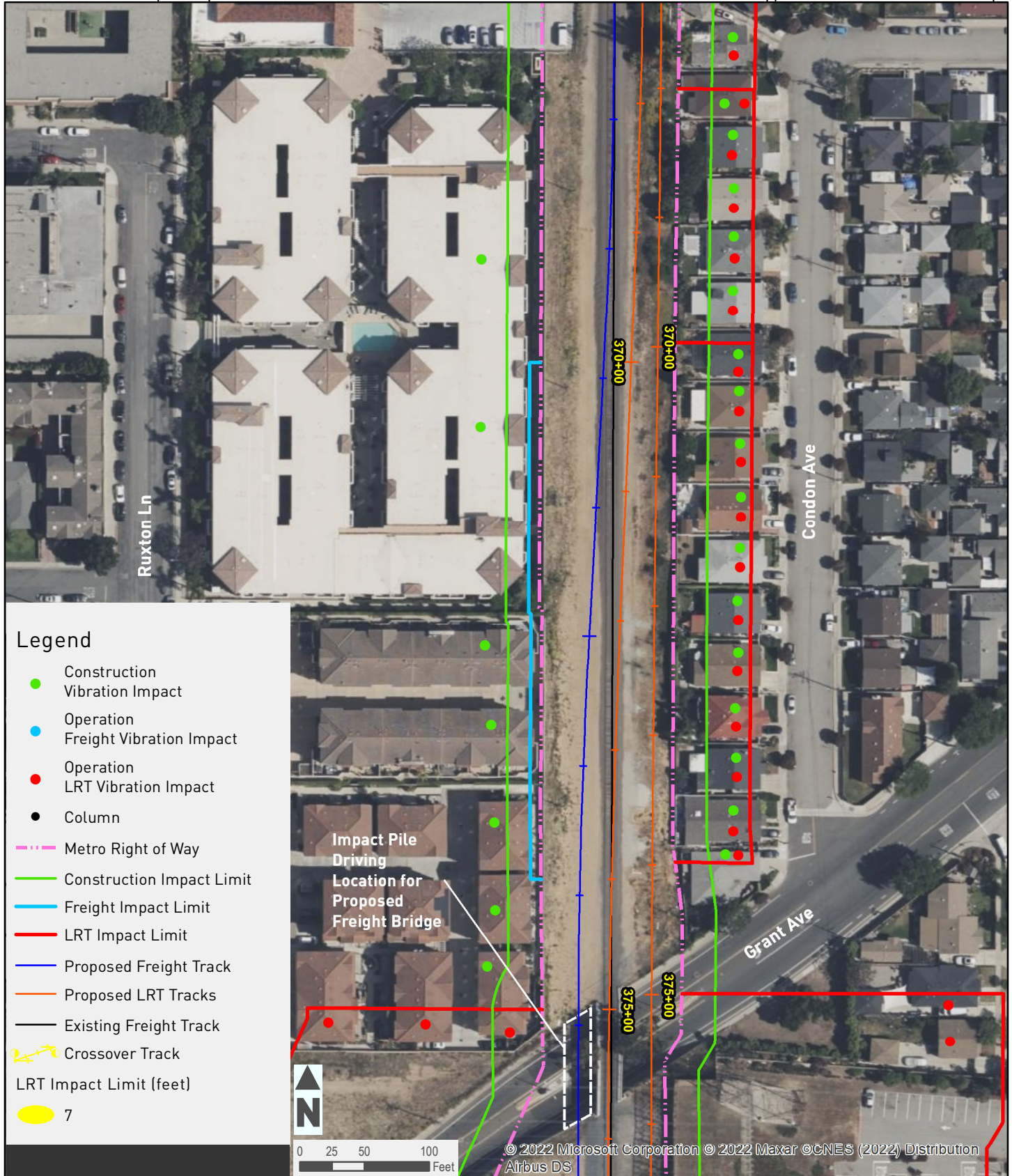


Figure 3.6-B13A
Construction & Operational Vibration Impacts
Proposed Project

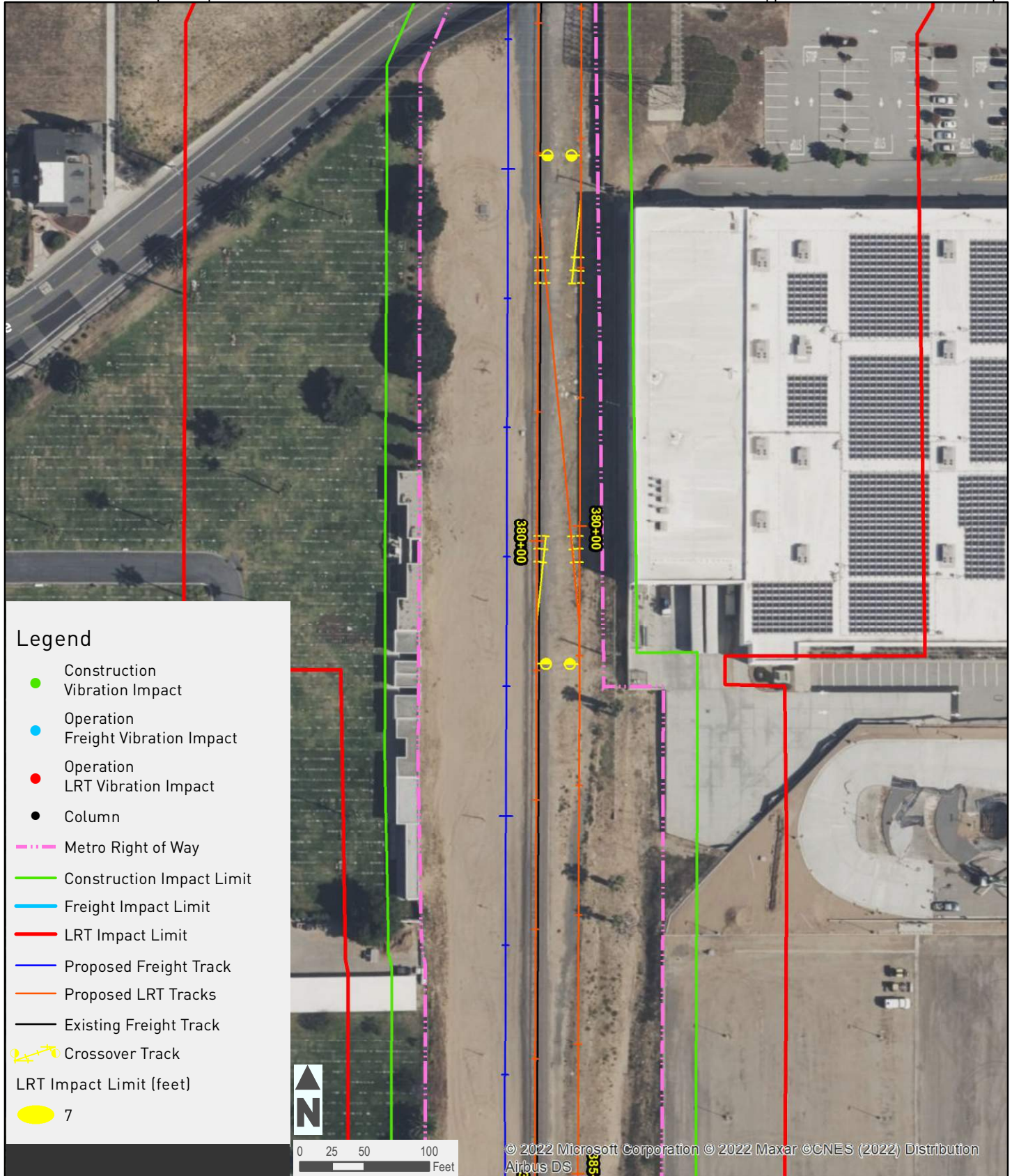


Figure 3.6-C14
Construction & Operational Vibration Impacts
Proposed Project

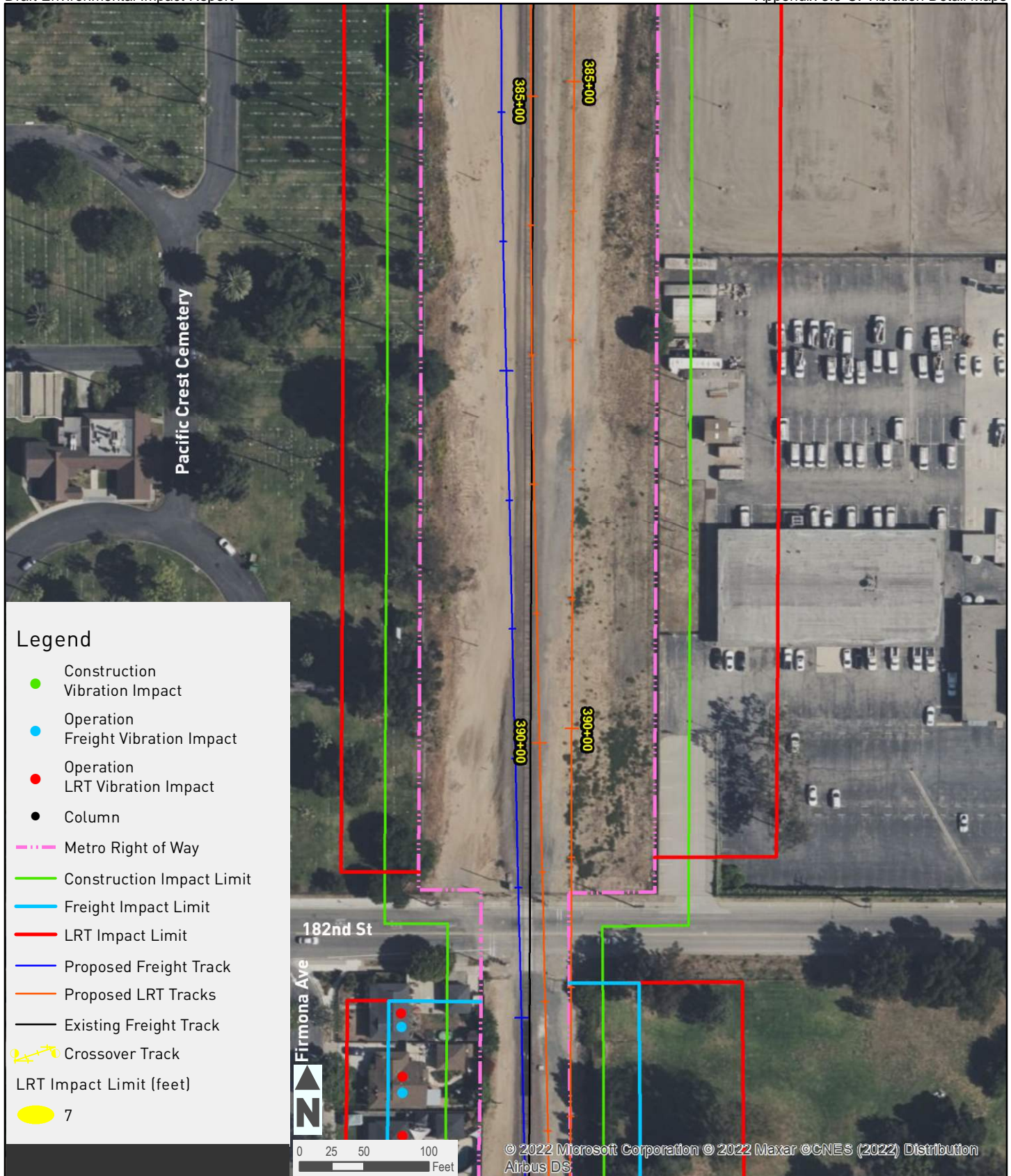


Figure 3.6-C15
Construction & Operational Vibration Impacts
Proposed Project

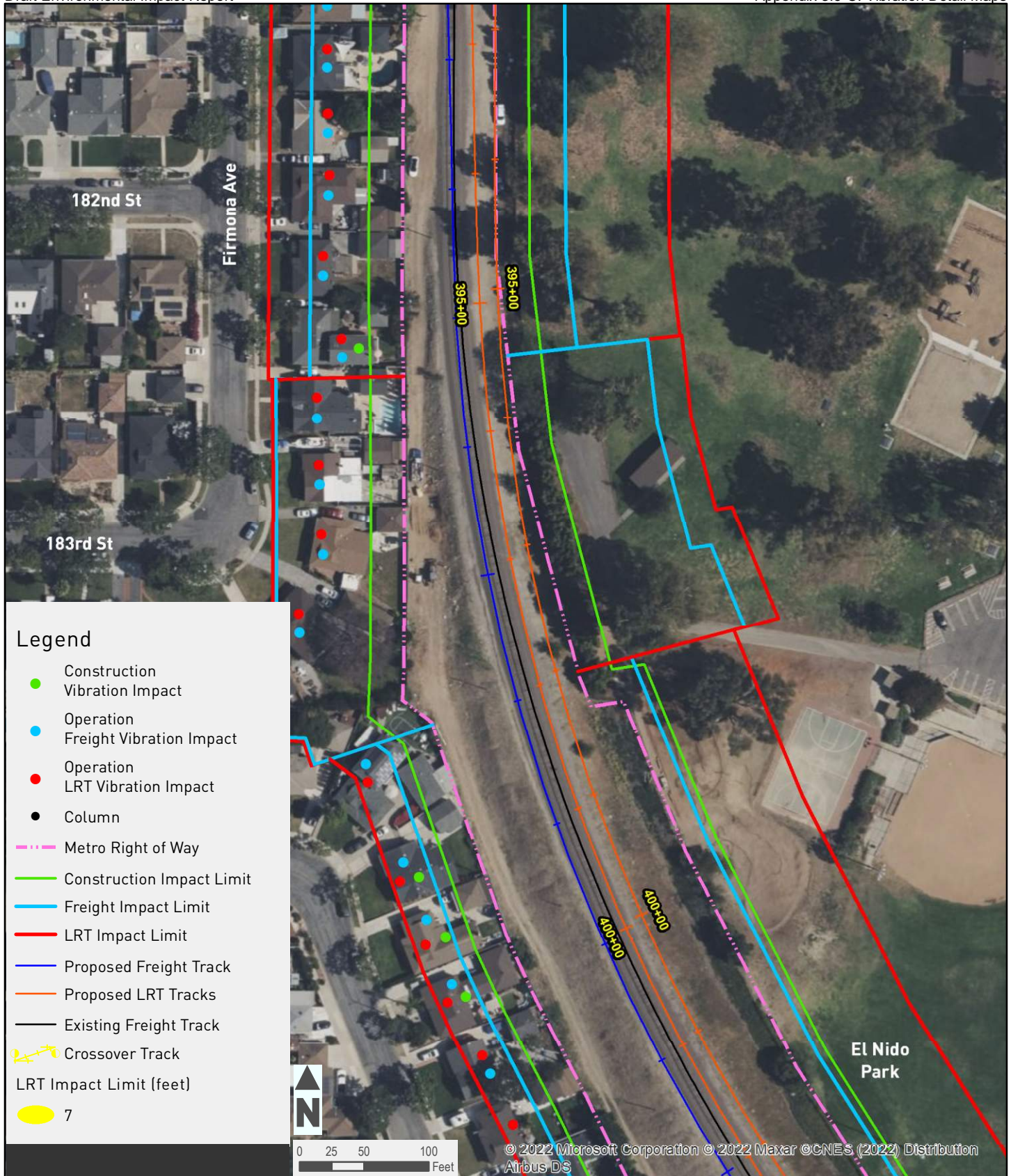


Figure 3.6-C16
Construction & Operational Vibration Impacts
Proposed Project

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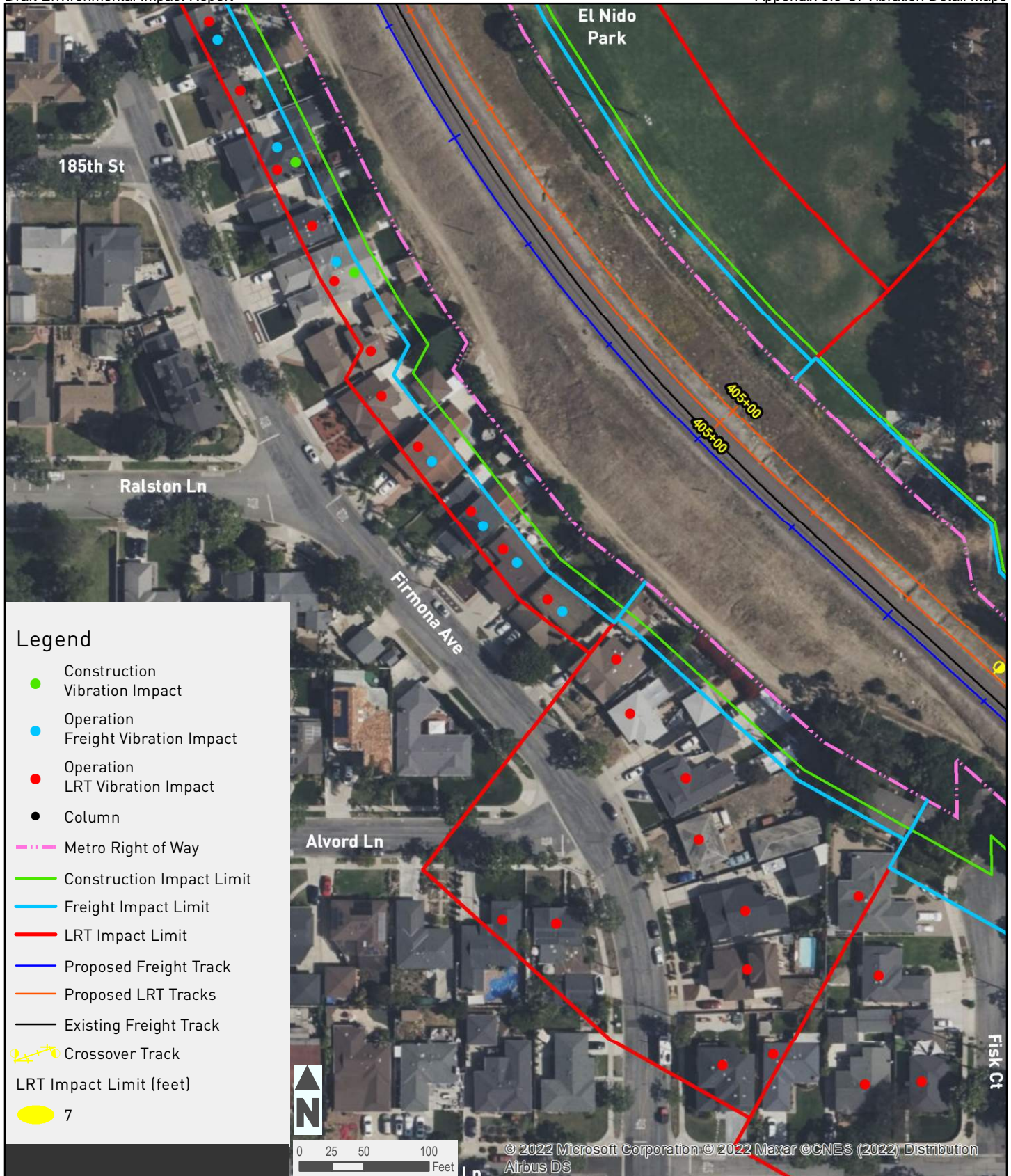


Figure 3.6-C17
Construction & Operational Vibration Impacts
Proposed Project

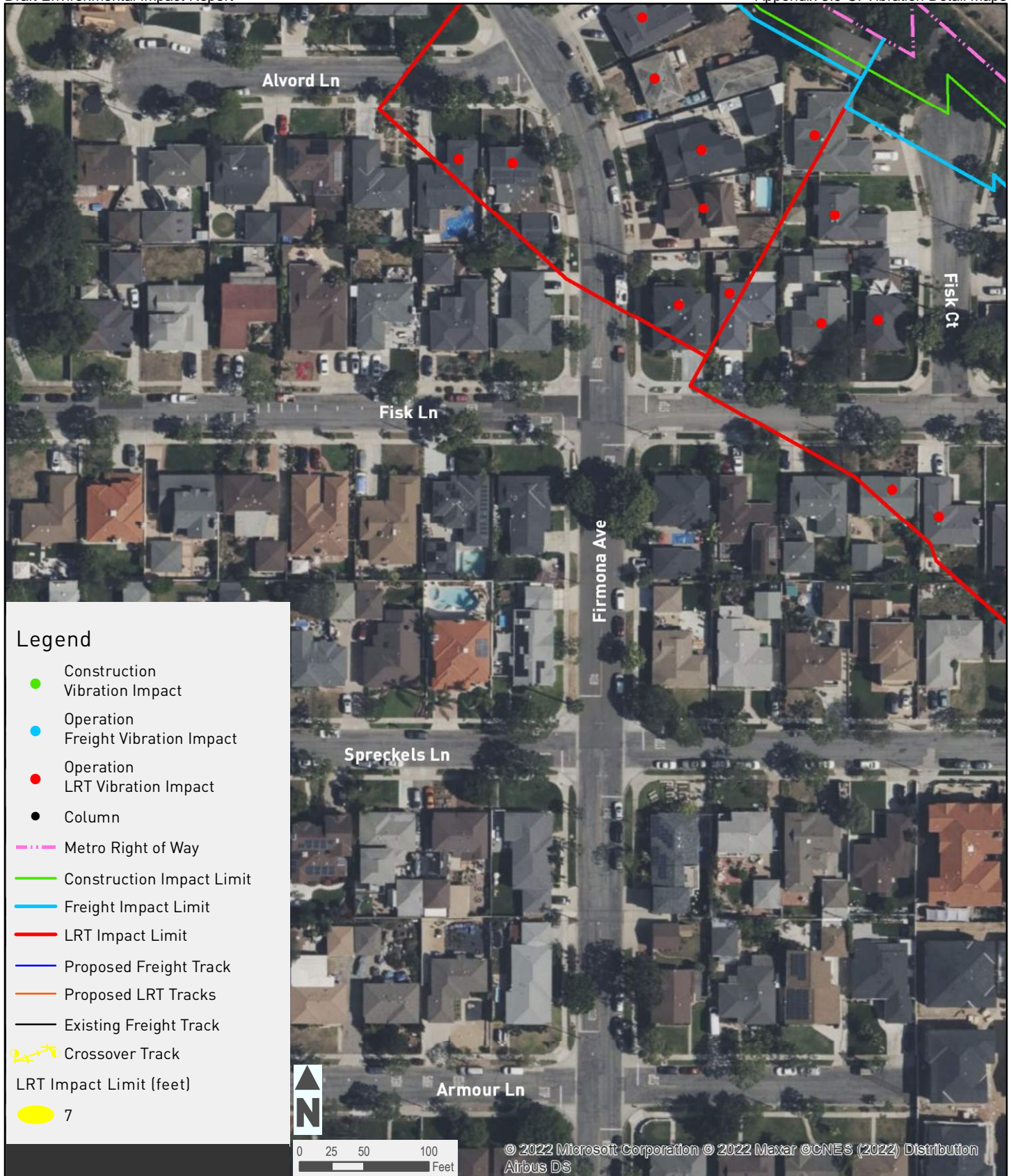


Figure 3.6-C18
Construction & Operational Vibration Impacts
Proposed Project

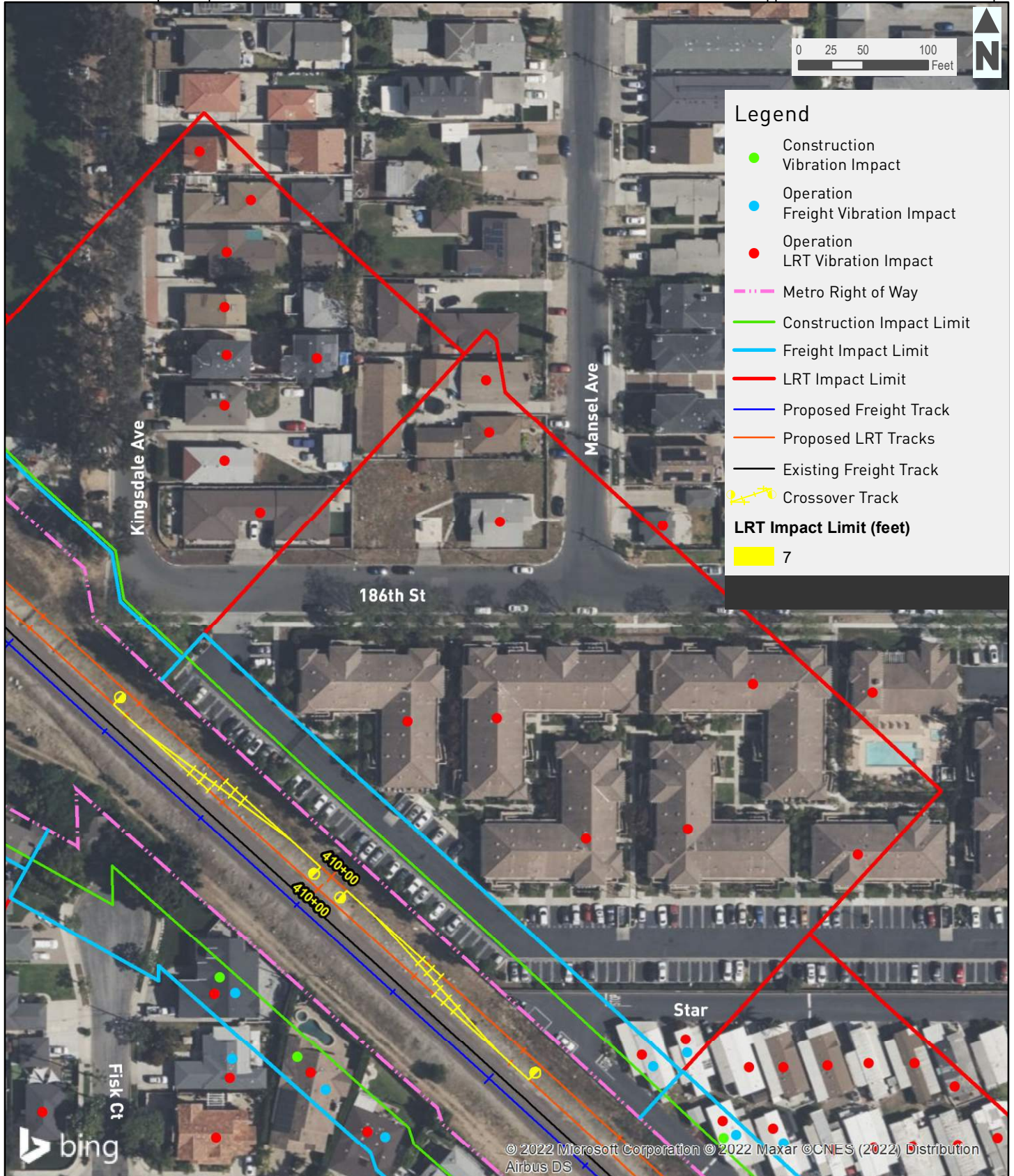


Figure 3.6-C19
Construction & Operational Vibration Impacts
Proposed Project

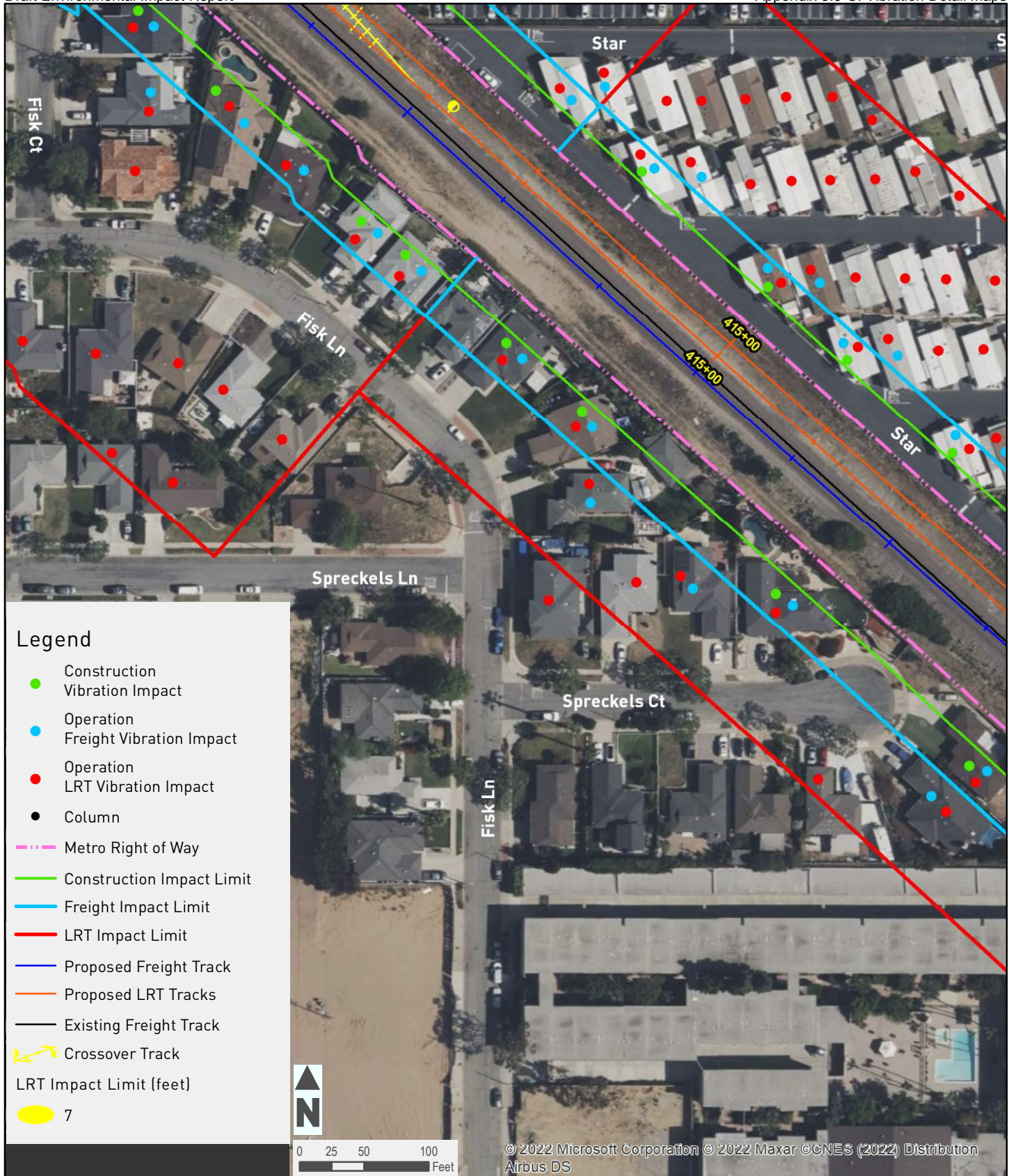
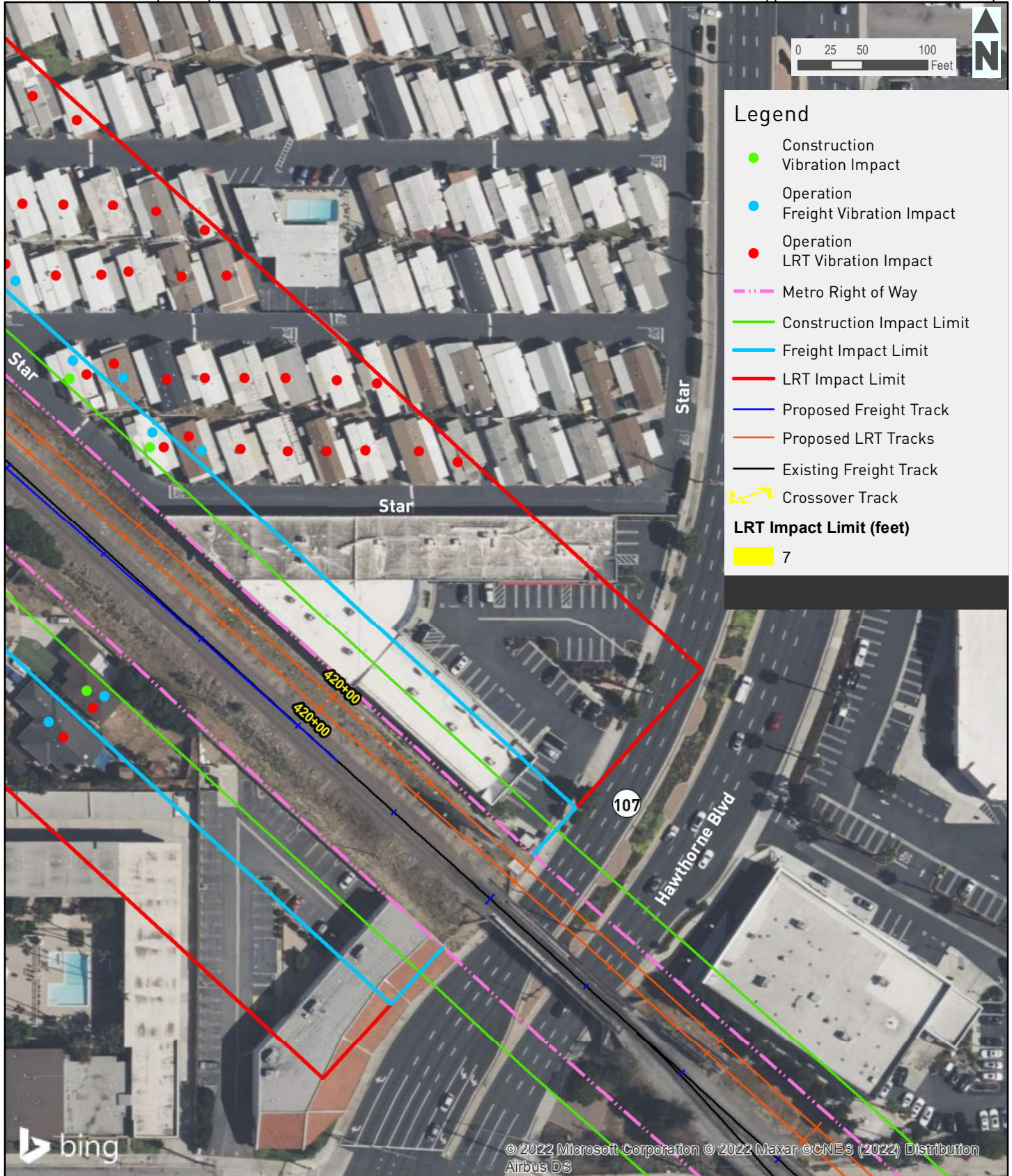


Figure 3.6-C20
Construction & Operational Vibration Impacts
Proposed Project



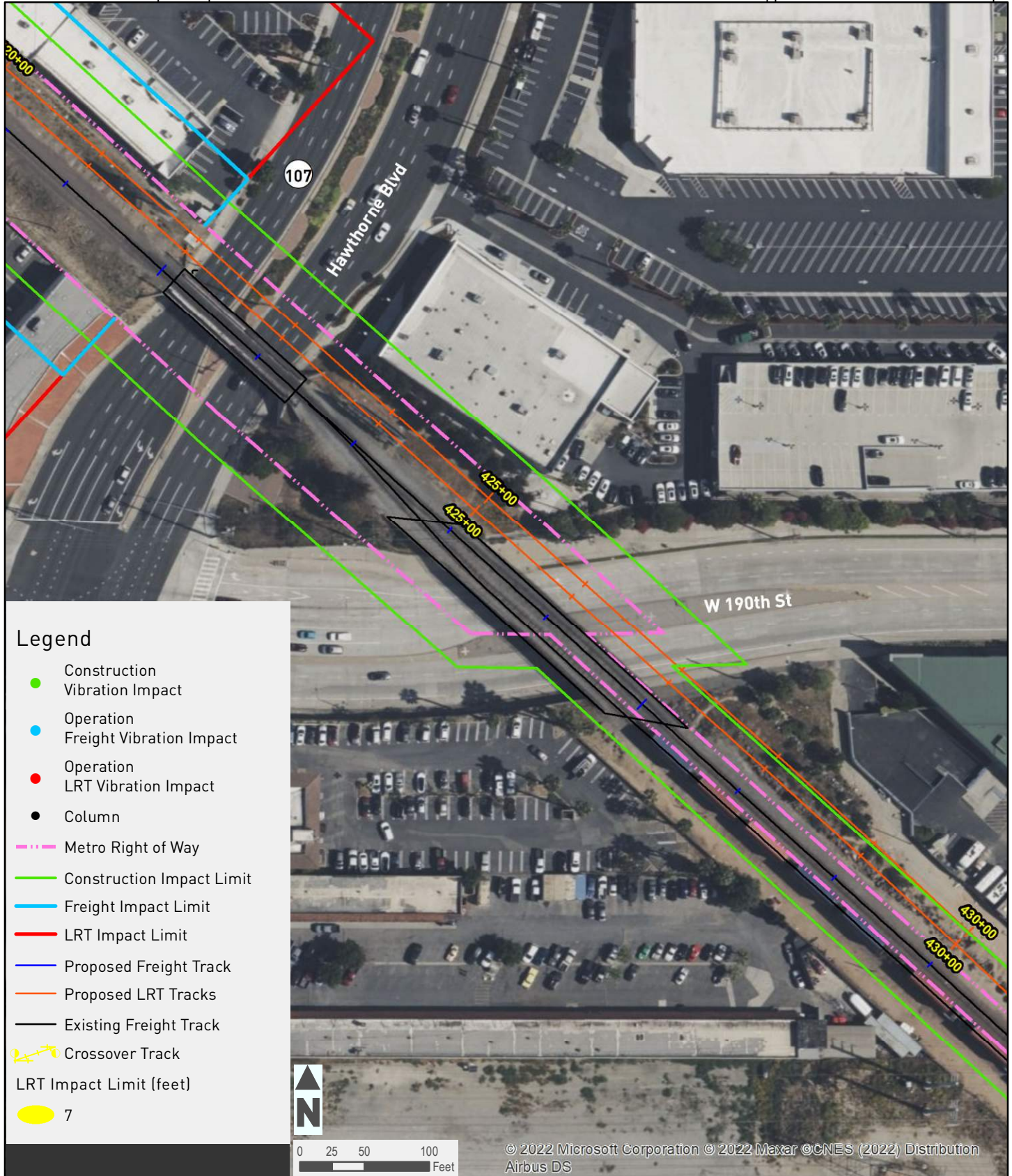


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Construction & Operational Vibration Impacts
Proposed Project

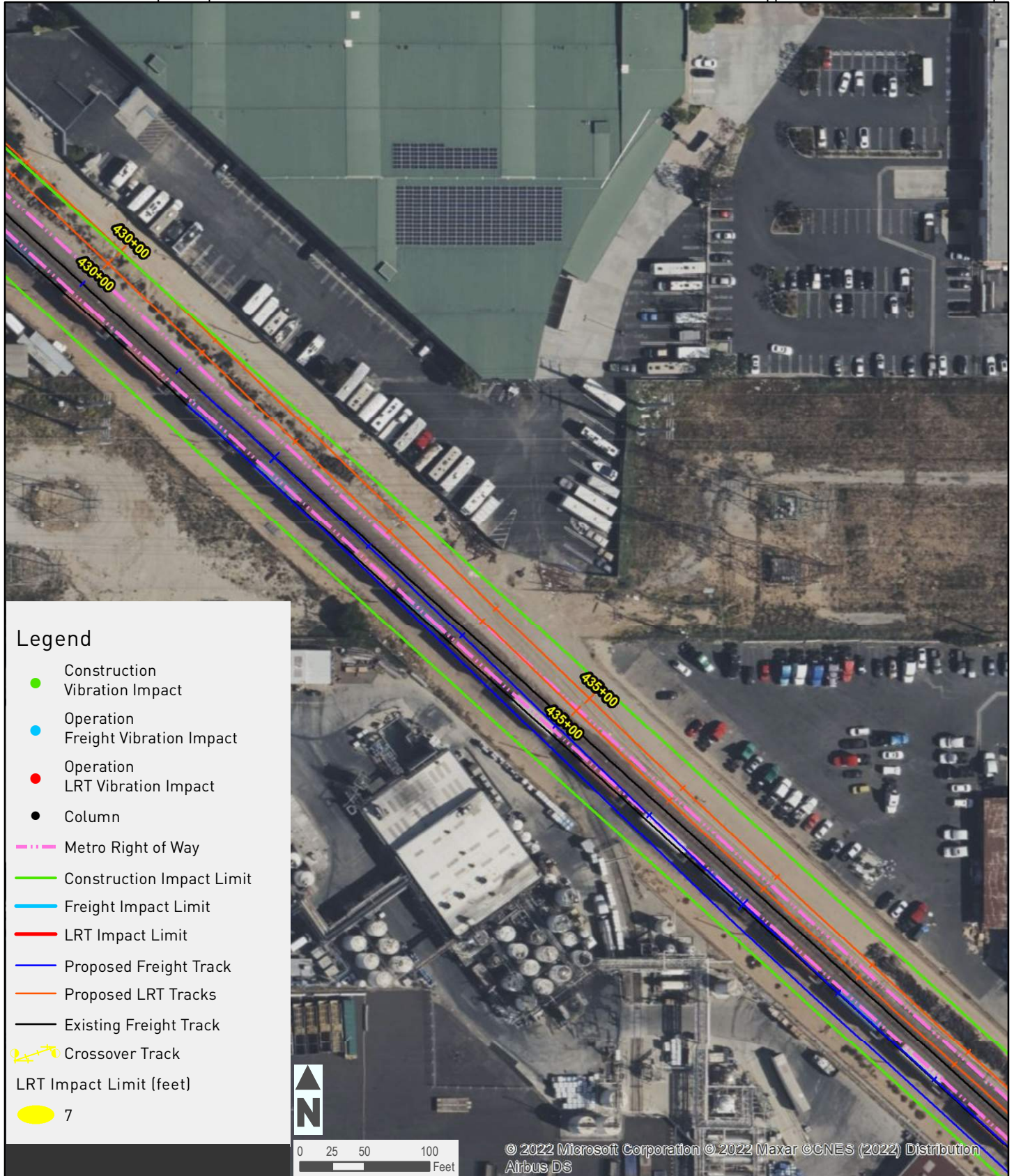


Figure 3.6-C23
Construction & Operational Vibration Impacts
Proposed Project

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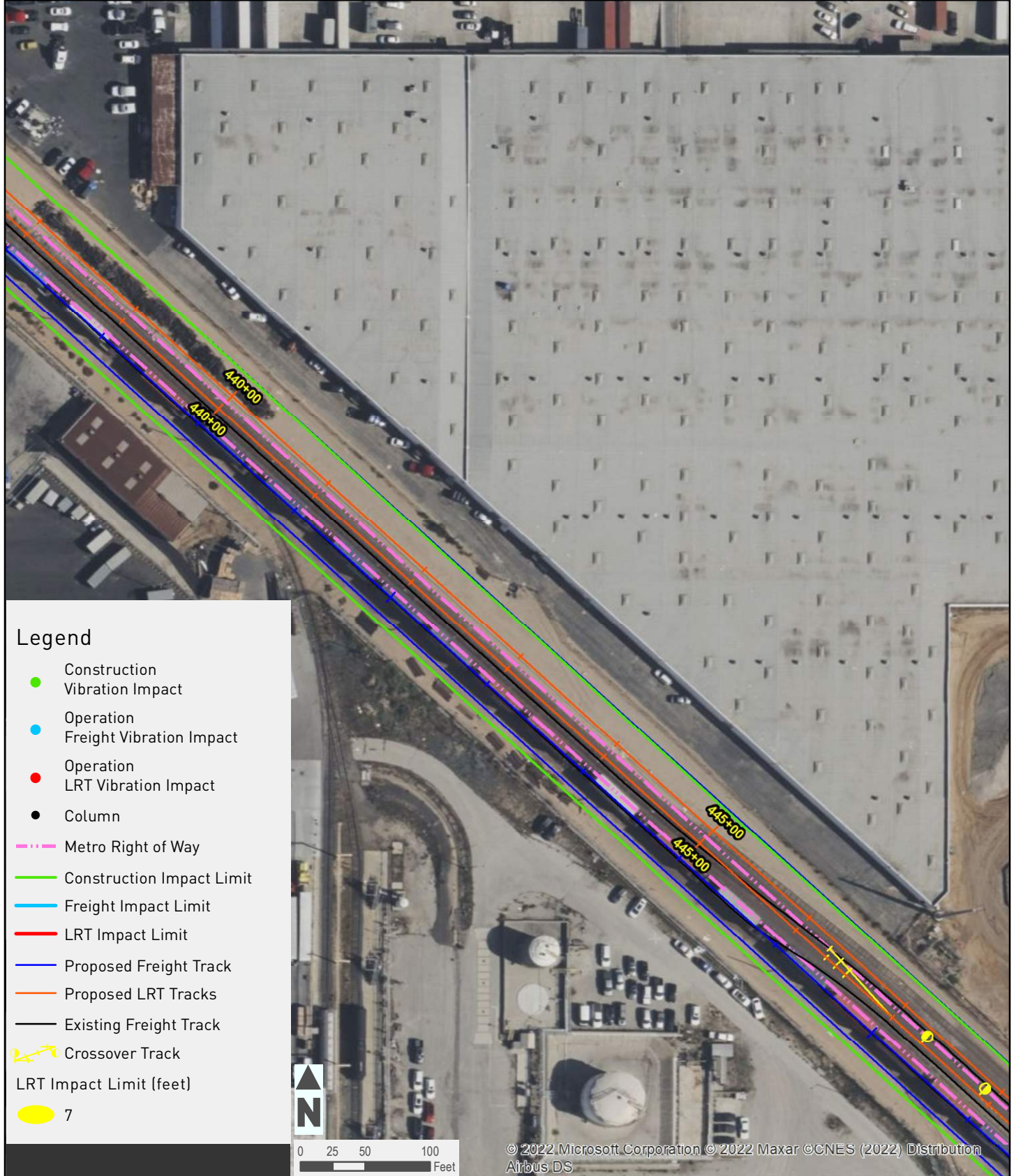


Figure 3.6-C24
Construction & Operational Vibration Impacts
Proposed Project

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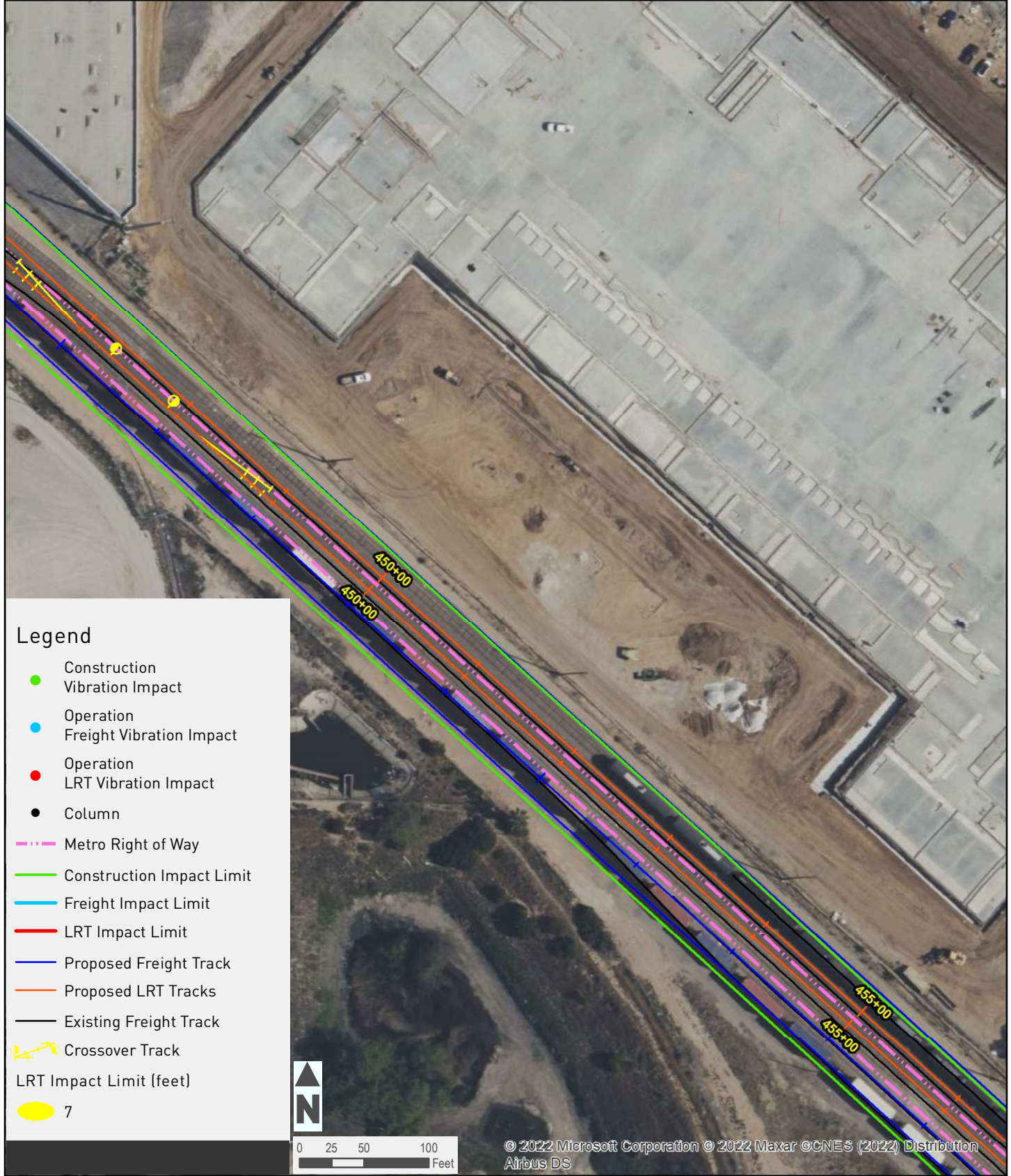


Figure 3.6-C25
Construction & Operational Vibration Impacts
Proposed Project

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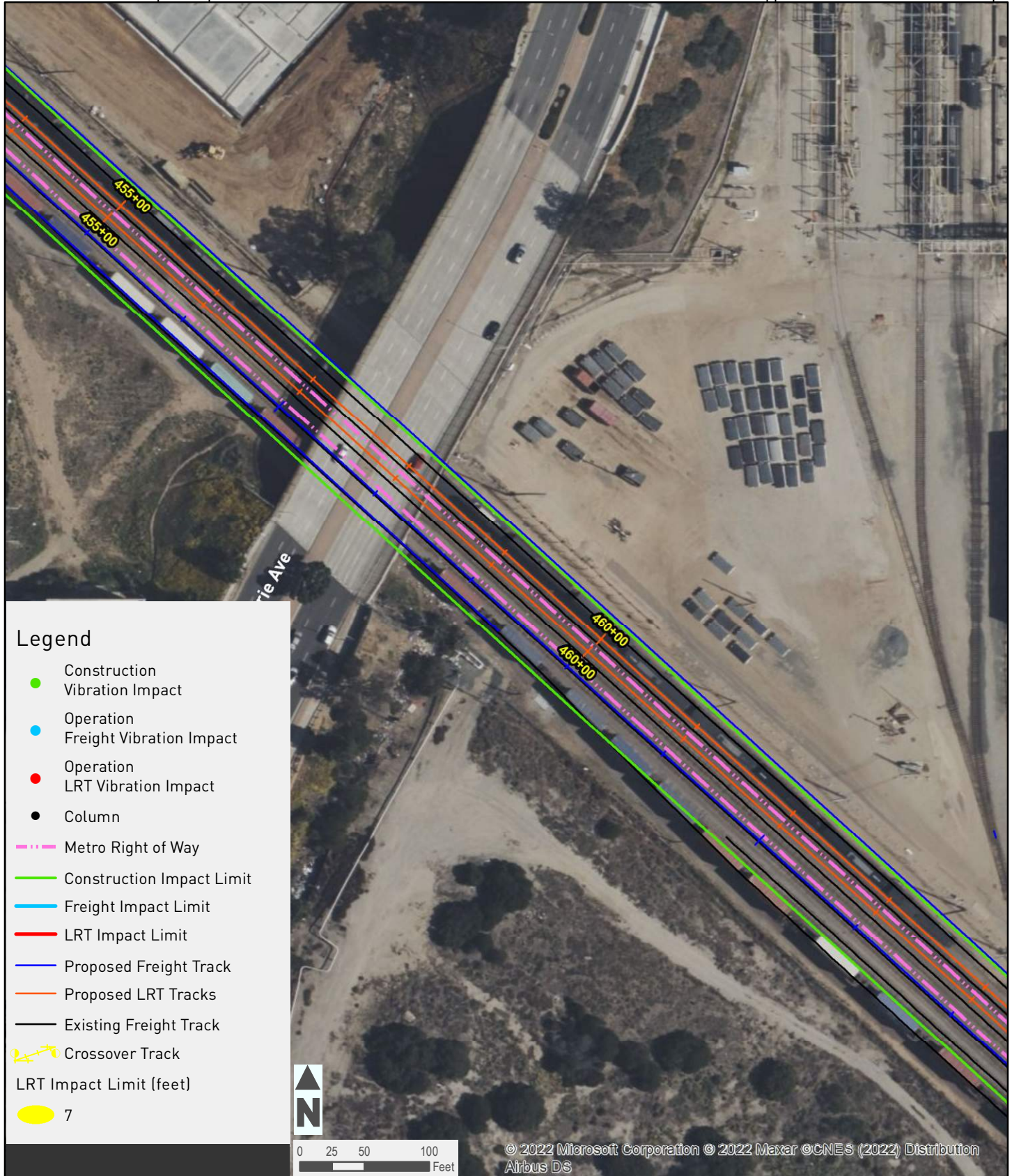


Figure 3.6-C26
Construction & Operational Vibration Impacts
Proposed Project

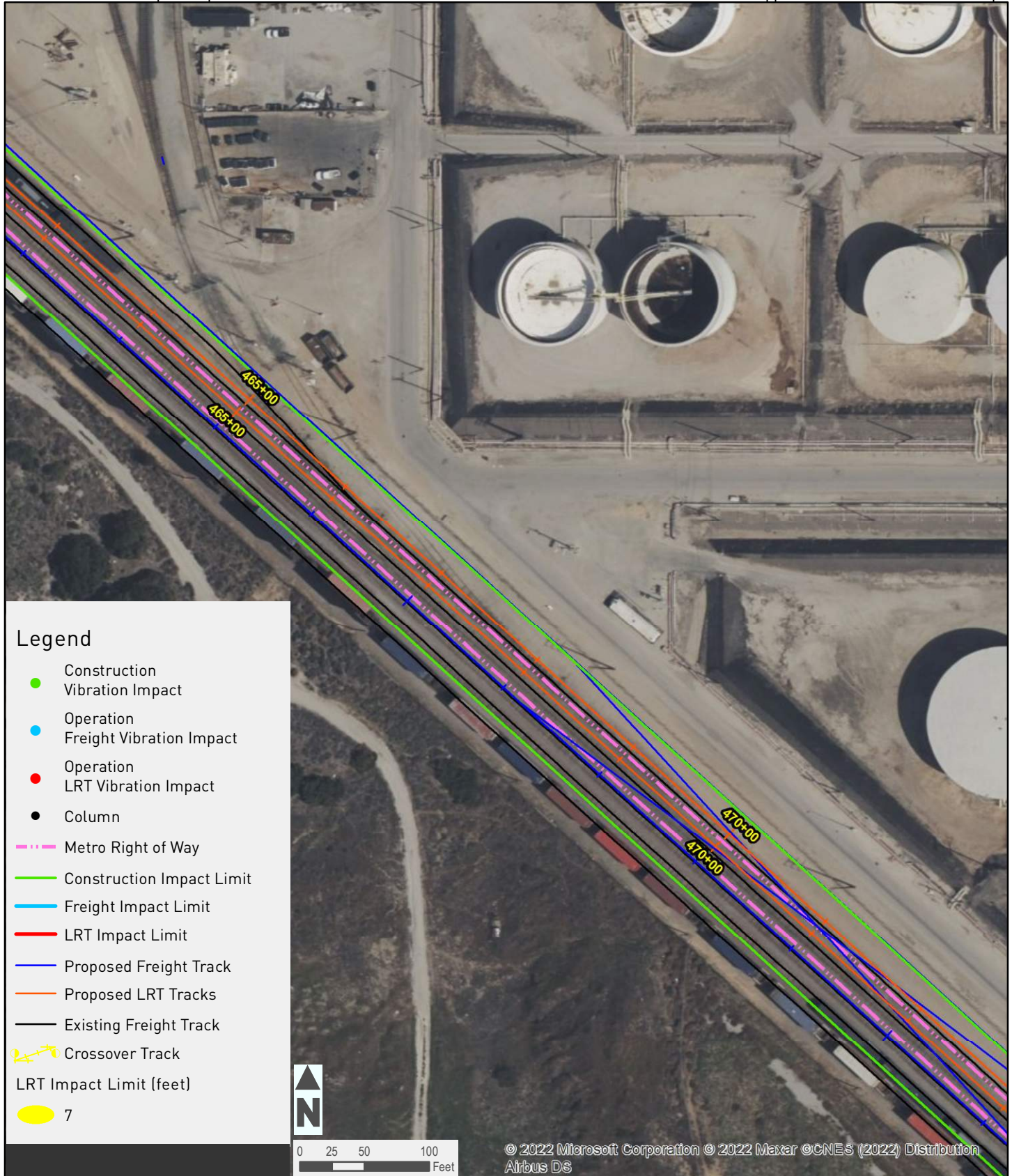
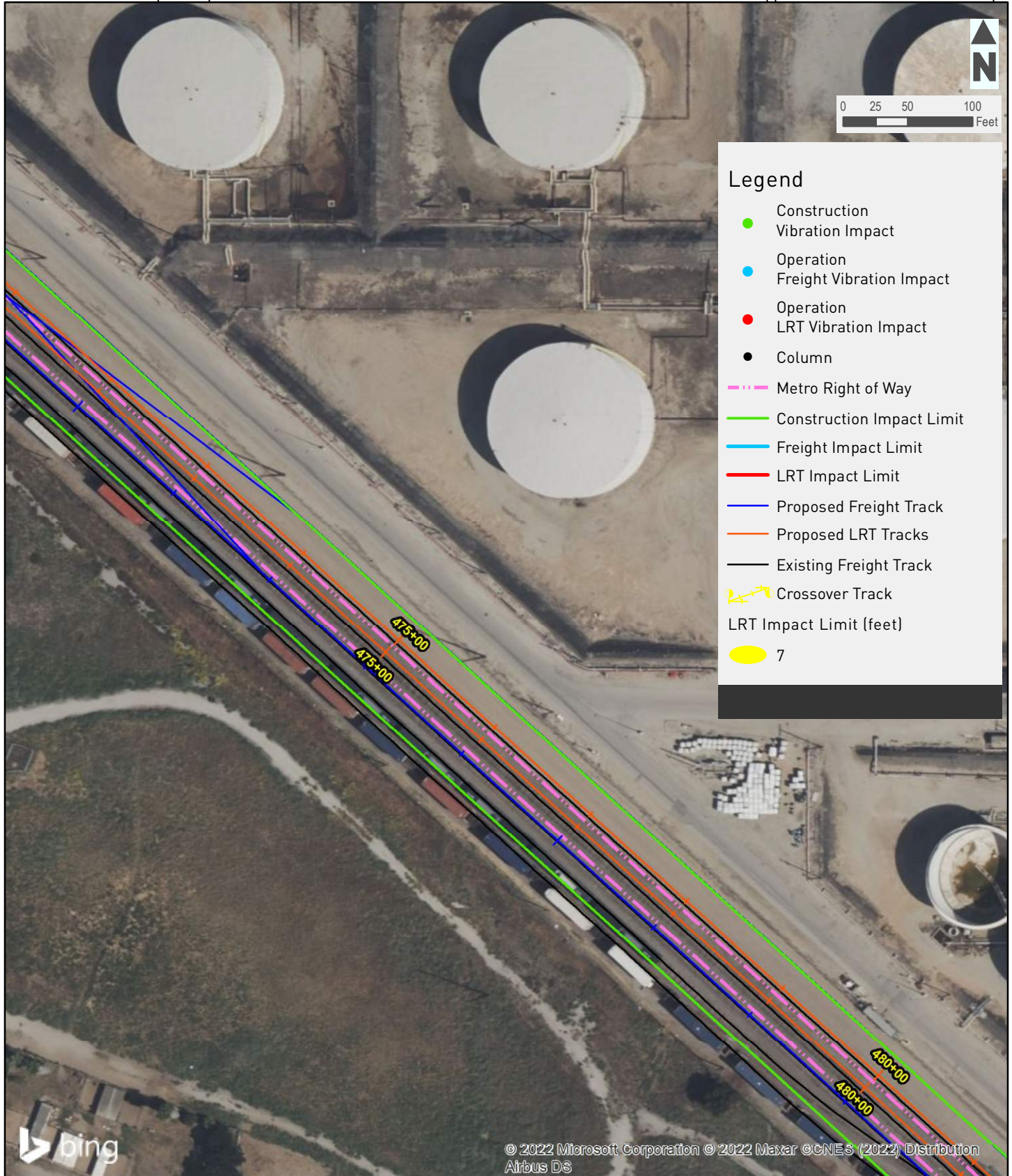


Figure 3.6-C27
Construction & Operational Vibration Impacts
Proposed Project

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Legend

- Construction Vibration Impact
- Operation Freight Vibration Impact
- Operation LRT Vibration Impact
- Column
- Metro Right of Way
- Construction Impact Limit
- Freight Impact Limit
- LRT Impact Limit
- Proposed Freight Track
- Proposed LRT Tracks
- Existing Freight Track
- Crossover Track
- LRT Impact Limit (feet)
- 7



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Figure 3.6-C28
Construction & Operational Vibration Impacts
Proposed Project

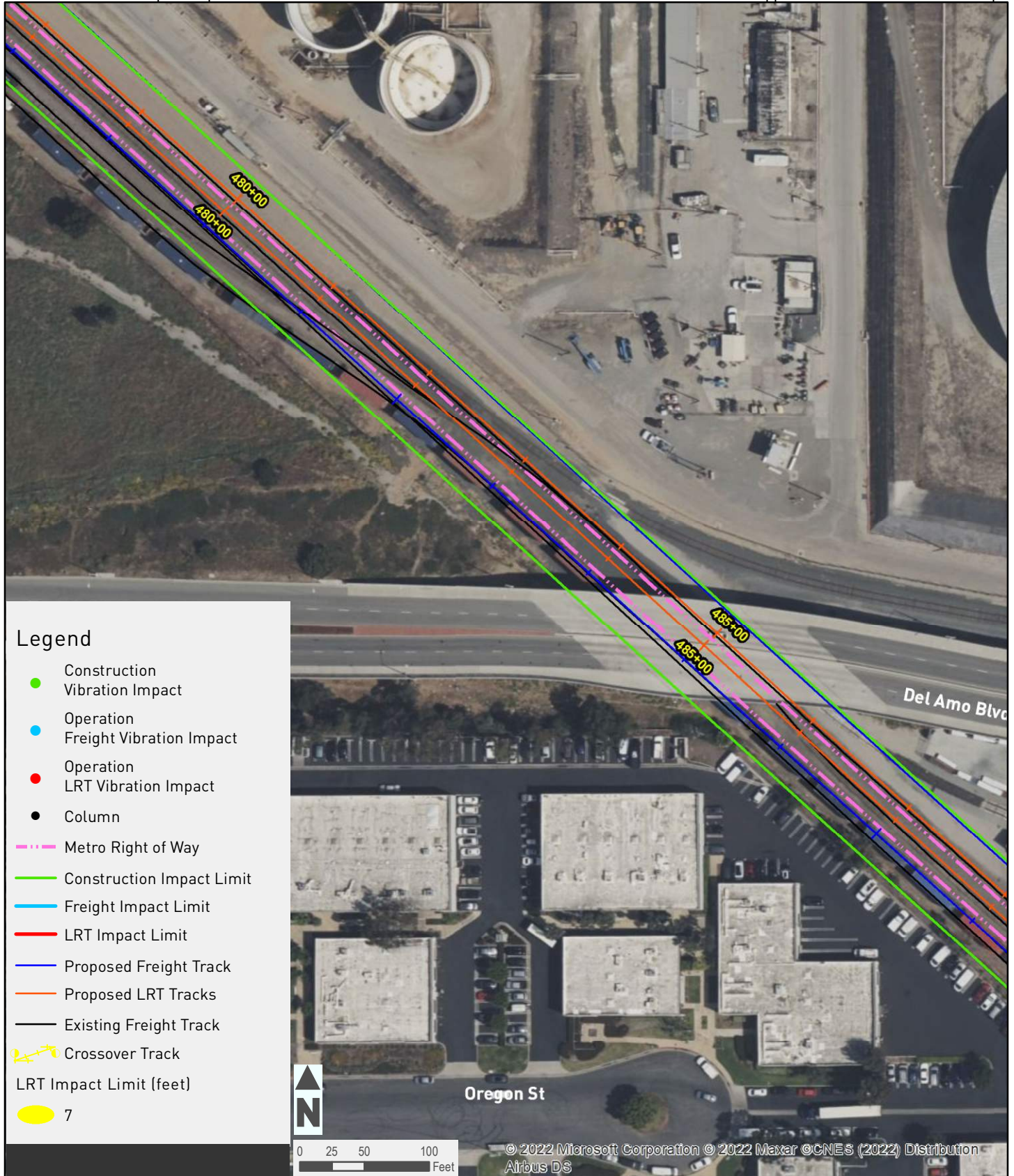


Figure 3.6-C29
Construction & Operational Vibration Impacts
Proposed Project



Figure 3.6-C30
Construction & Operational Vibration Impacts
Proposed Project

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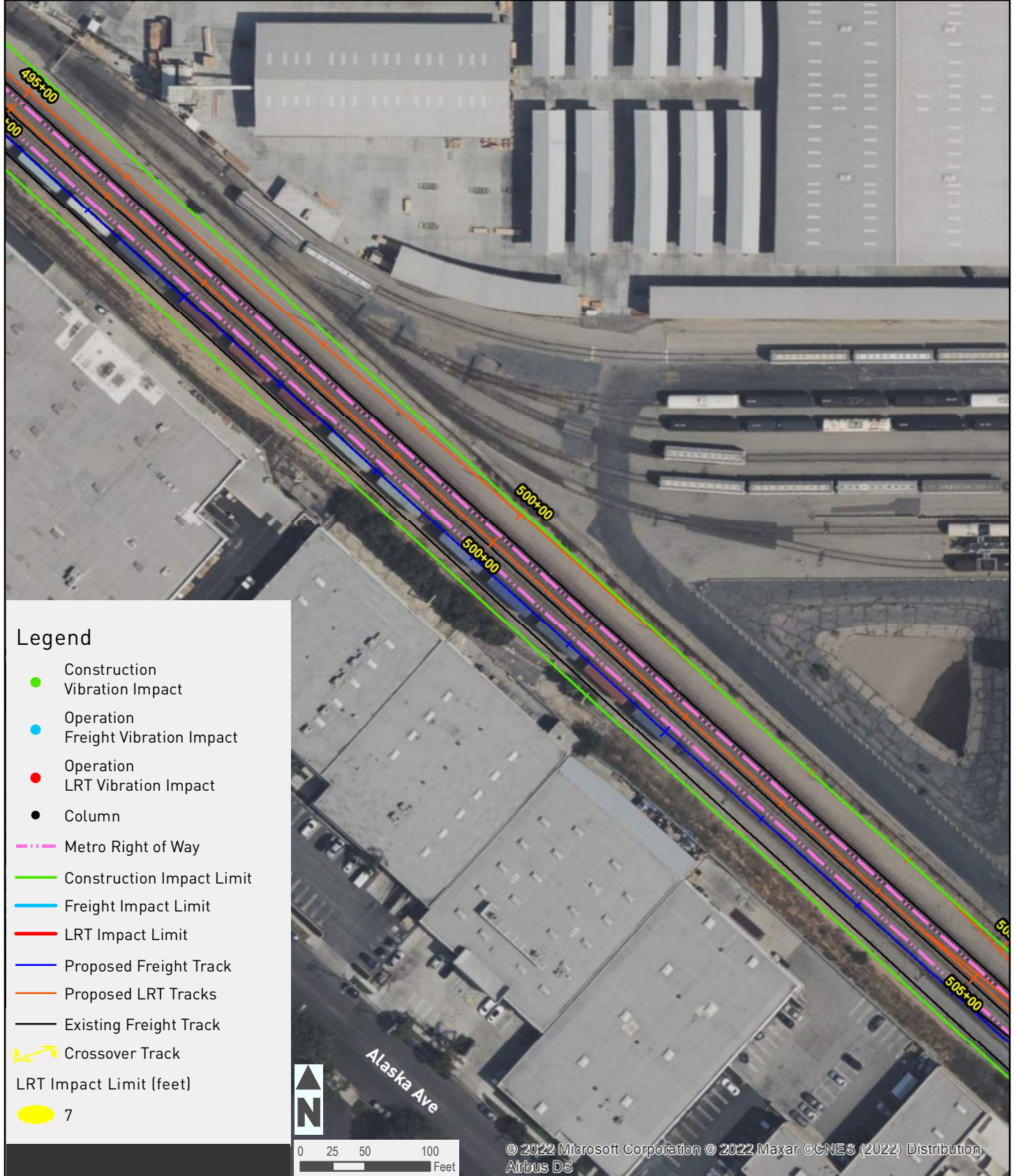


Figure 3.6-C31
Construction & Operational Vibration Impacts
Proposed Project



Figure 3.6-C32
Construction & Operational Vibration Impacts
Proposed Project

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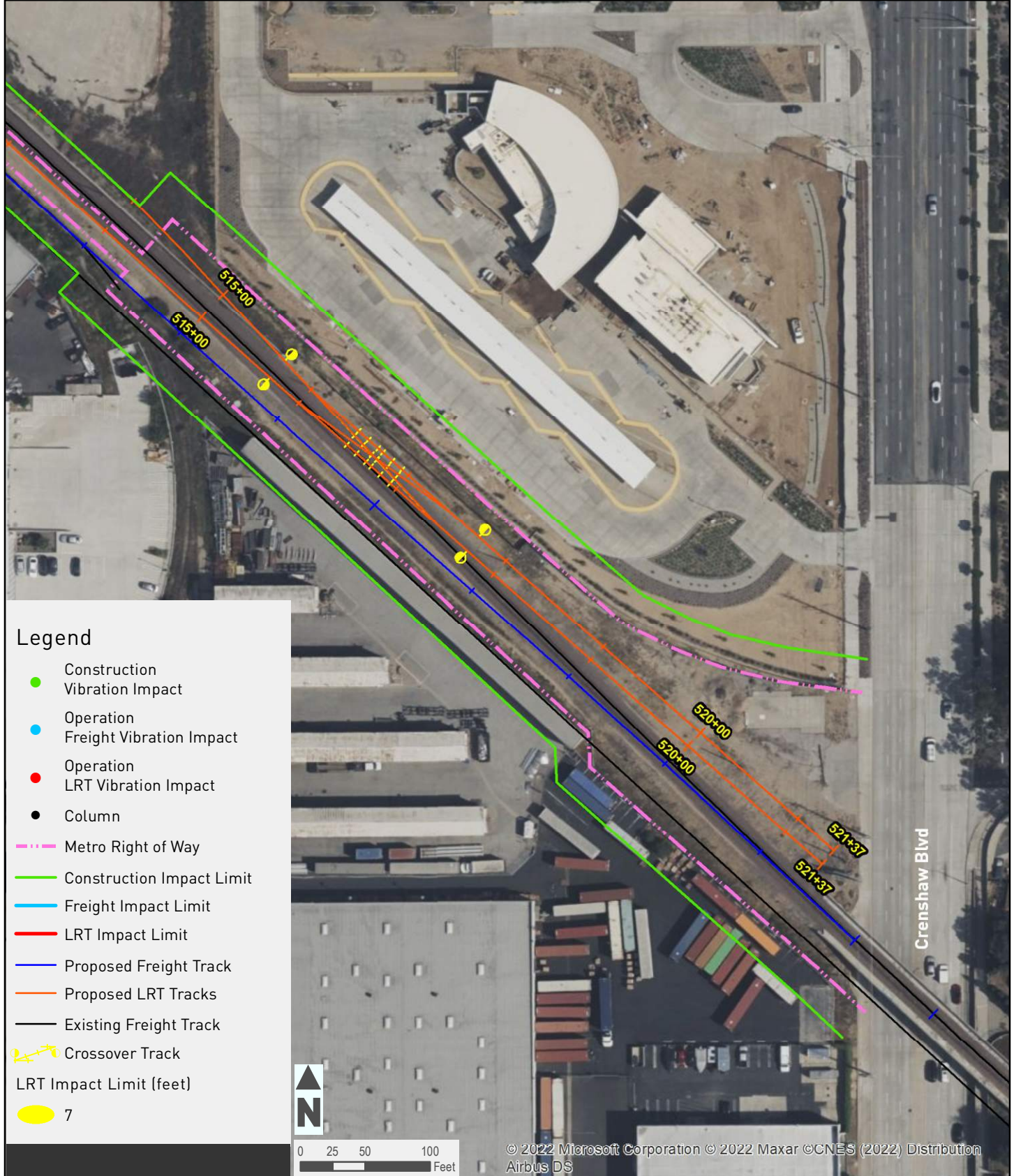


Figure 3.6-C33
Construction & Operational Vibration Impacts
Proposed Project



Figure 3.6-C34
Construction & Operational Vibration Impacts
Trench Option

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Figure 3.6-C35
Construction & Operational Vibration Impacts
Trench Option



Legend

- Construction Vibration Impact
- Operation Freight Vibration Impact
- Operation LRT Vibration Impact
- Column
- Metro Right of Way
- Construction Impact Limit
- Freight Impact Limit
- LRT Impact Limit
- Proposed Freight Track
- Proposed LRT Tracks
- Existing Freight Track
- Crossover Track
- LRT Impact Limit (feet)
- 7

Santa Fe Ave

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Figure 3.6-C36
Construction & Operational Vibration Impacts
Trench Option

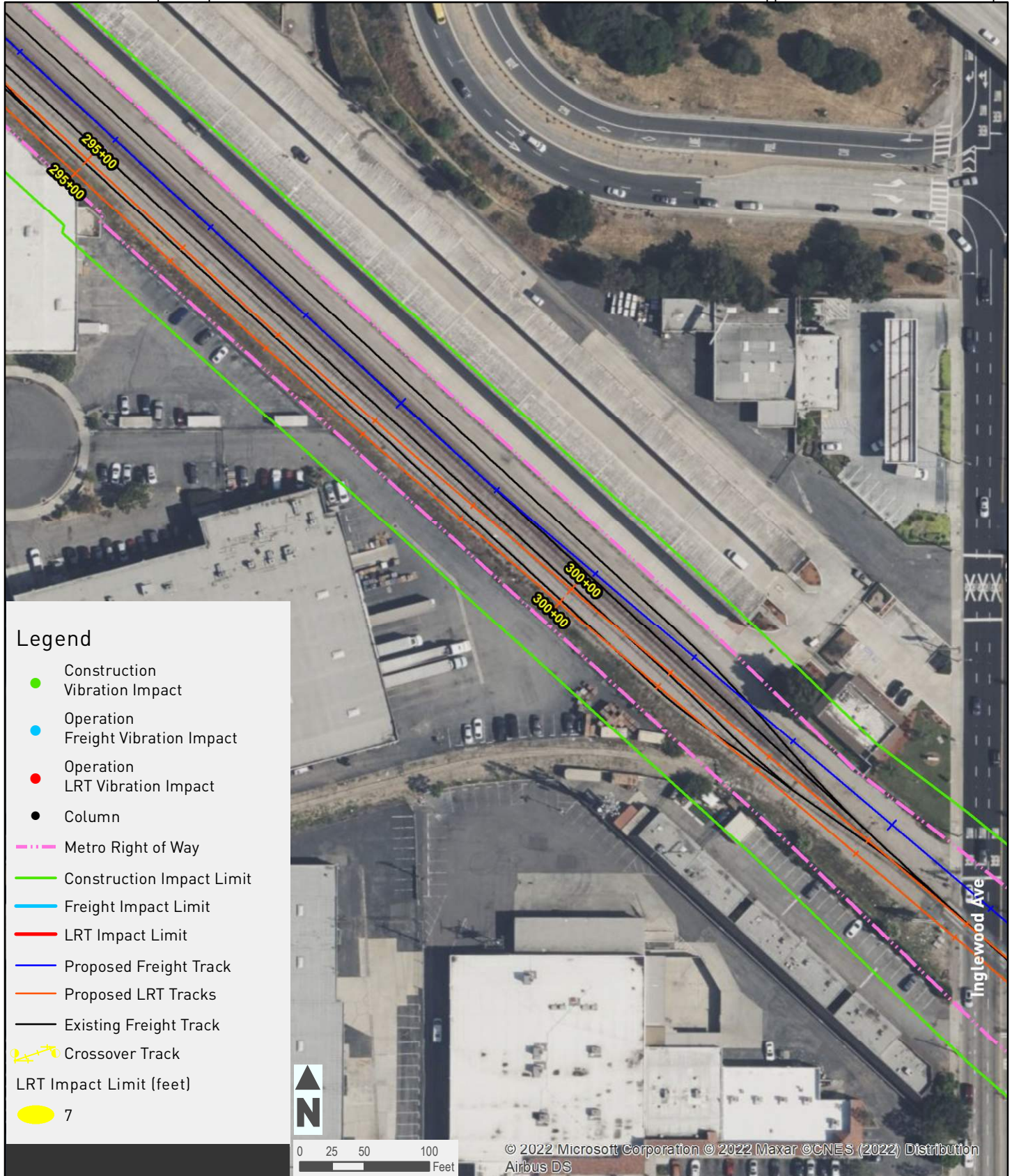


Figure 3.6-C37
Construction & Operational Vibration Impacts
Trench Option

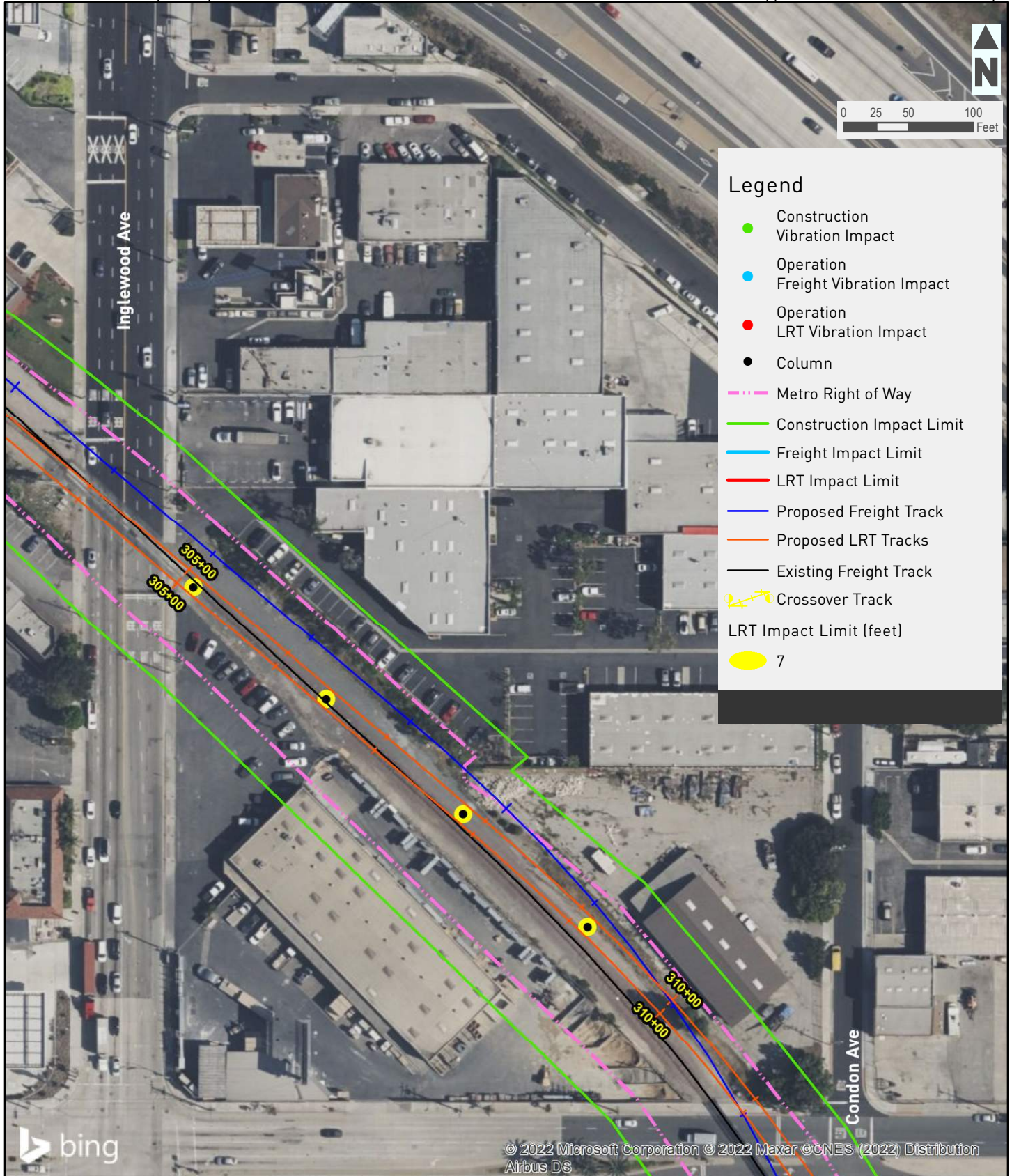


Figure 3.6-C38
Construction & Operational Vibration Impacts
Trench Option

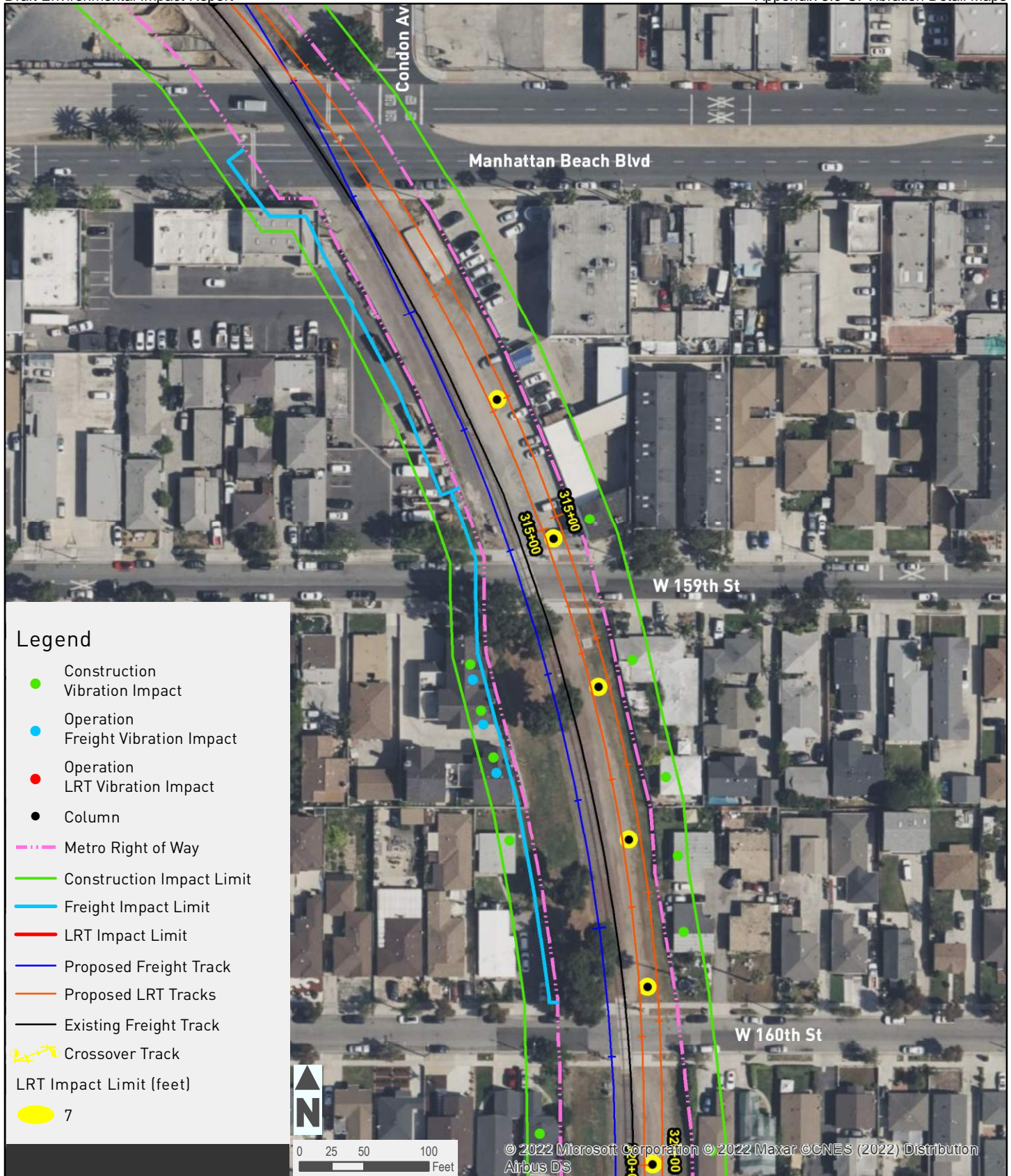


Figure 3.6-C39
Construction & Operational Vibration Impacts
Trench Option

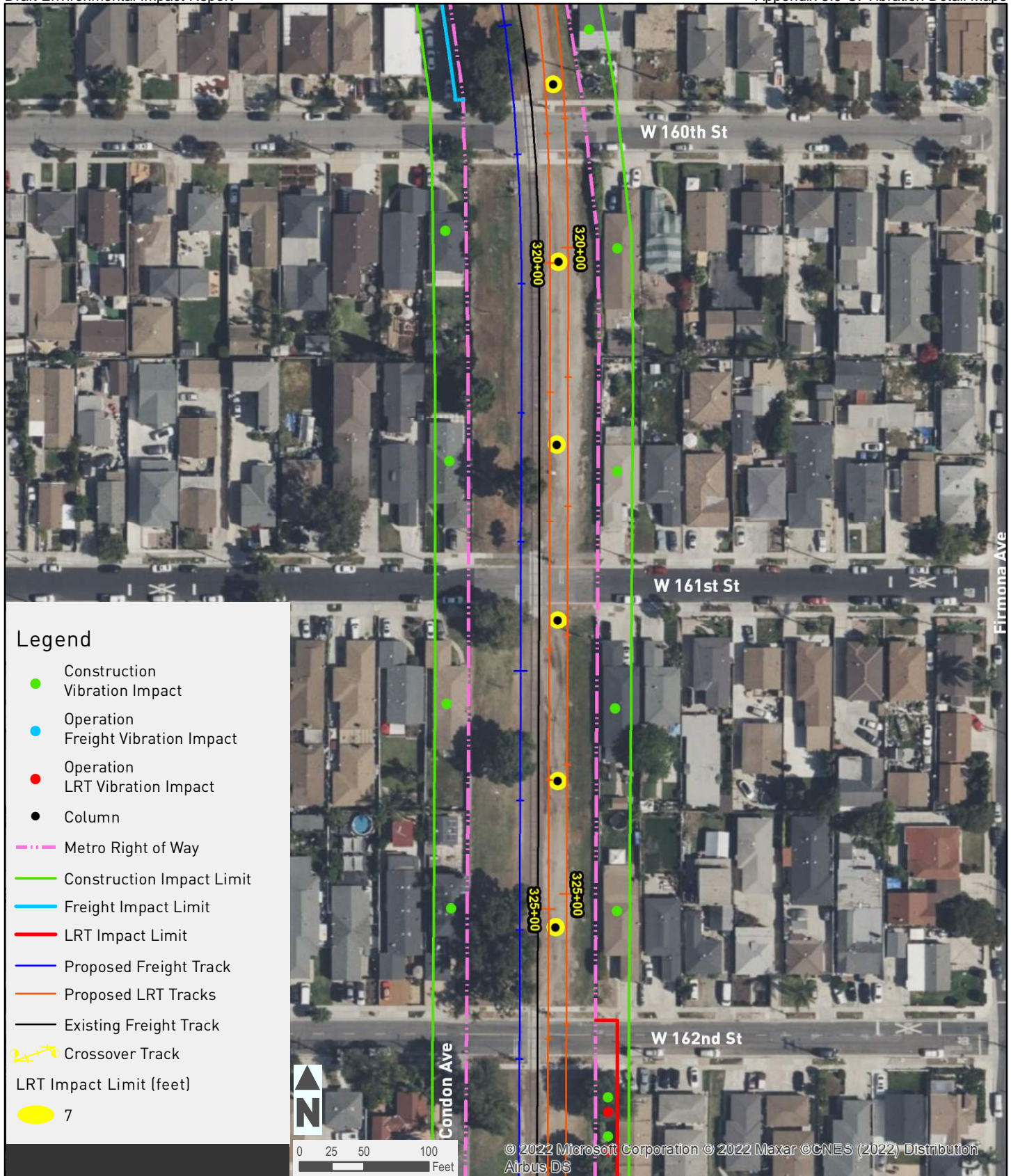


Figure 3.6-C40
Construction & Operational Vibration Impacts
Trench Option

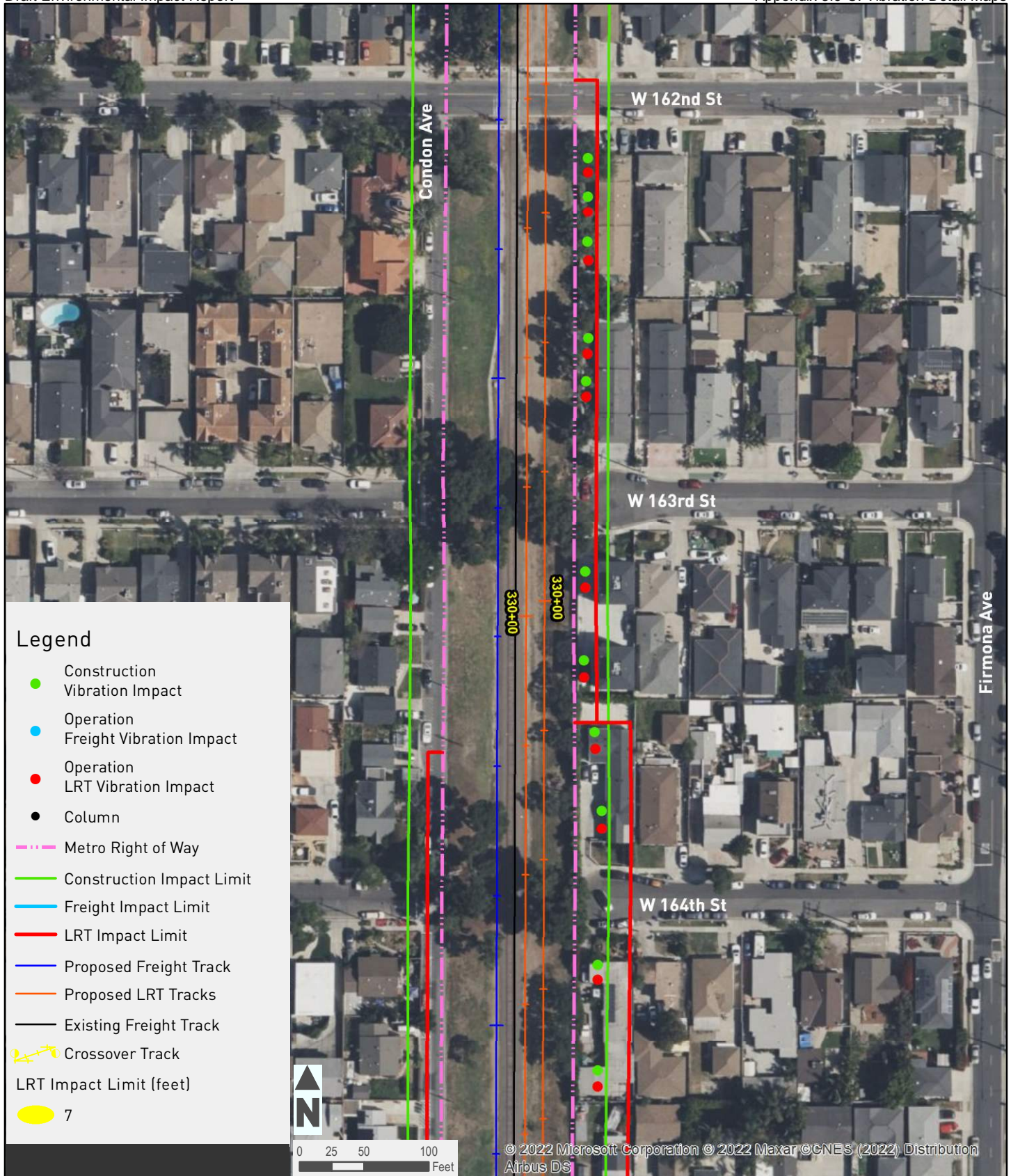


Figure 3.6-C41
Construction & Operational Vibration Impacts
Trench Option

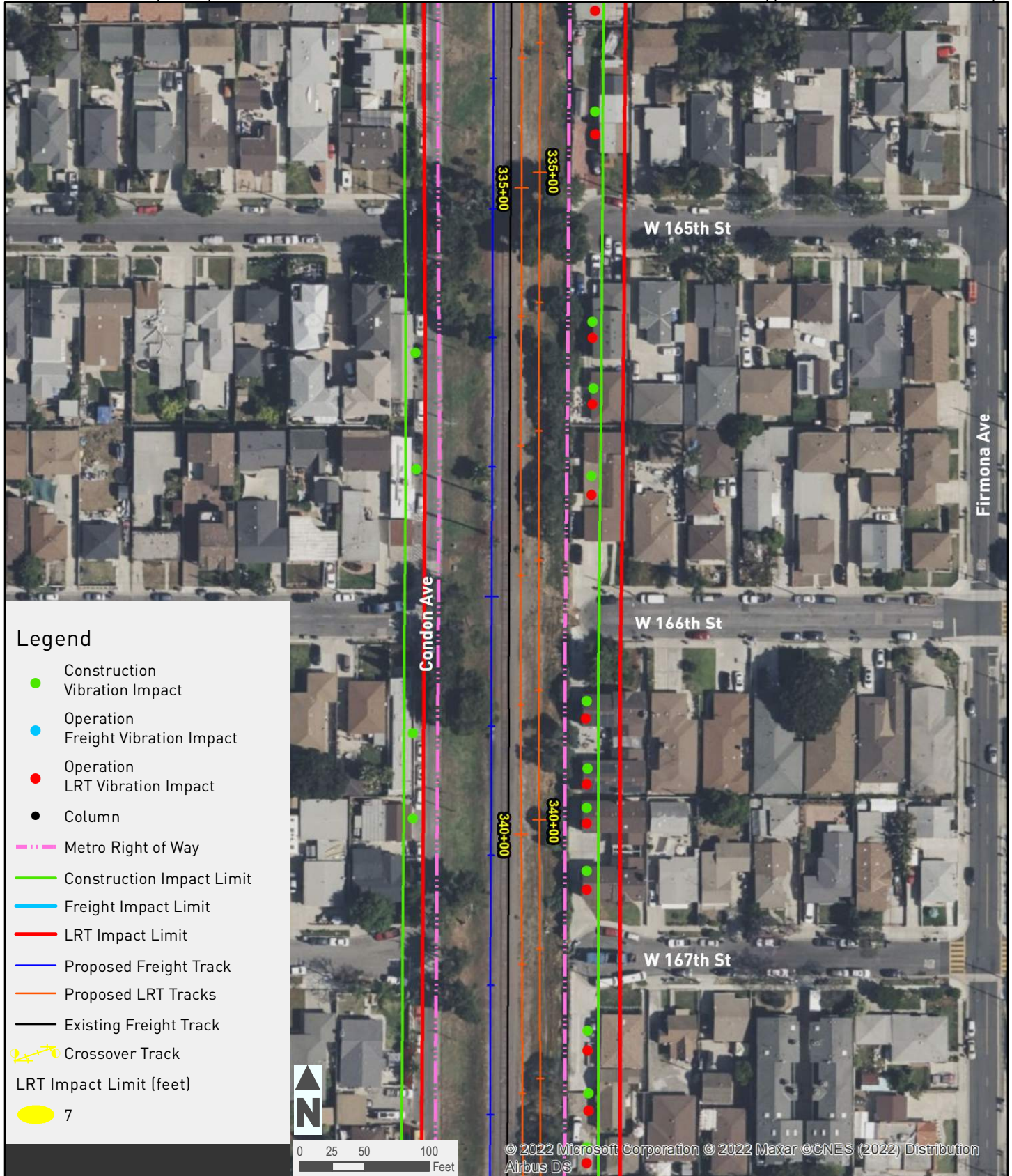


Figure 3.6-C42
Construction & Operational Vibration Impacts
Trench Option

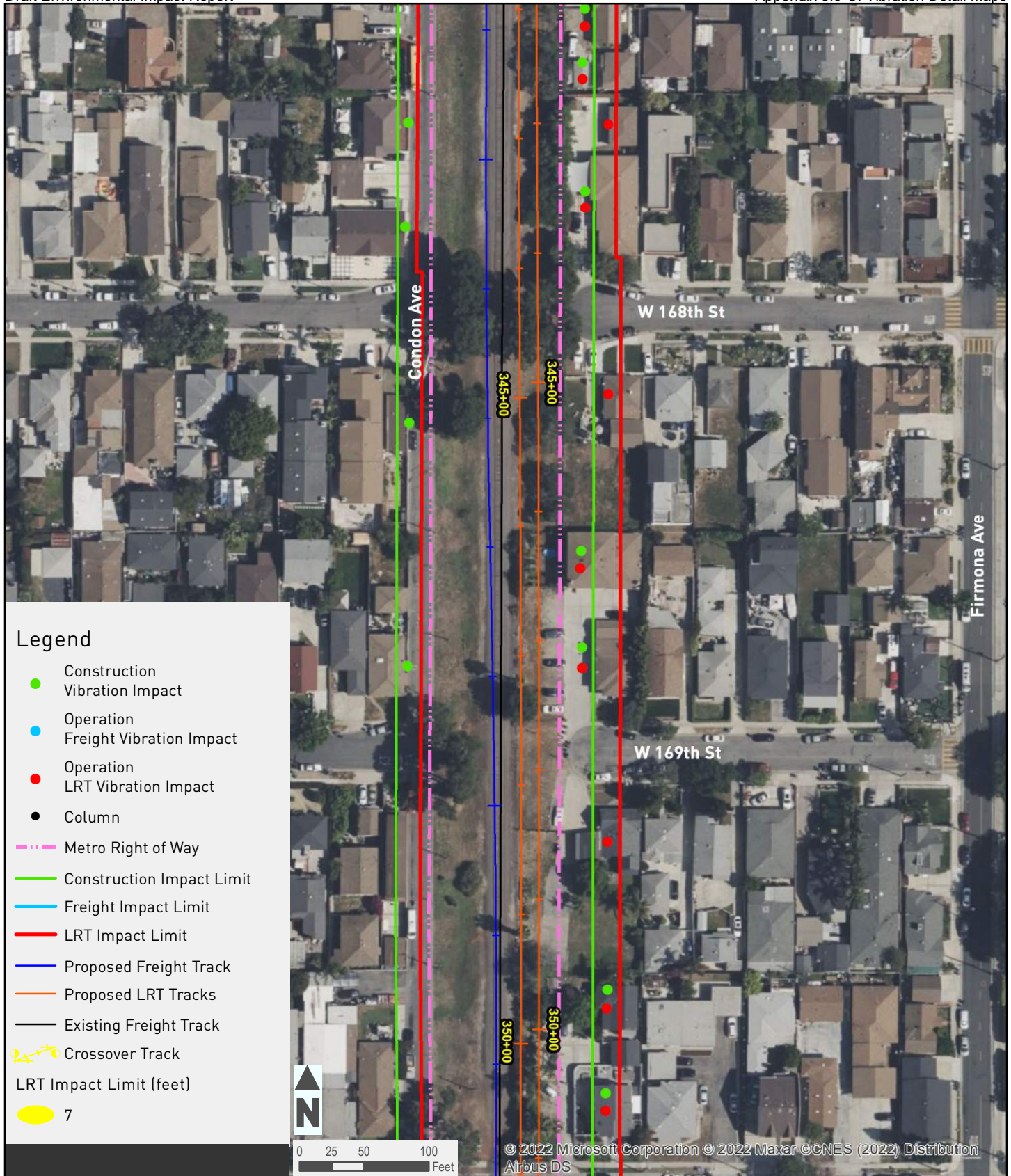


Figure 3.6-C43
Construction & Operational Vibration Impacts
Trench Option

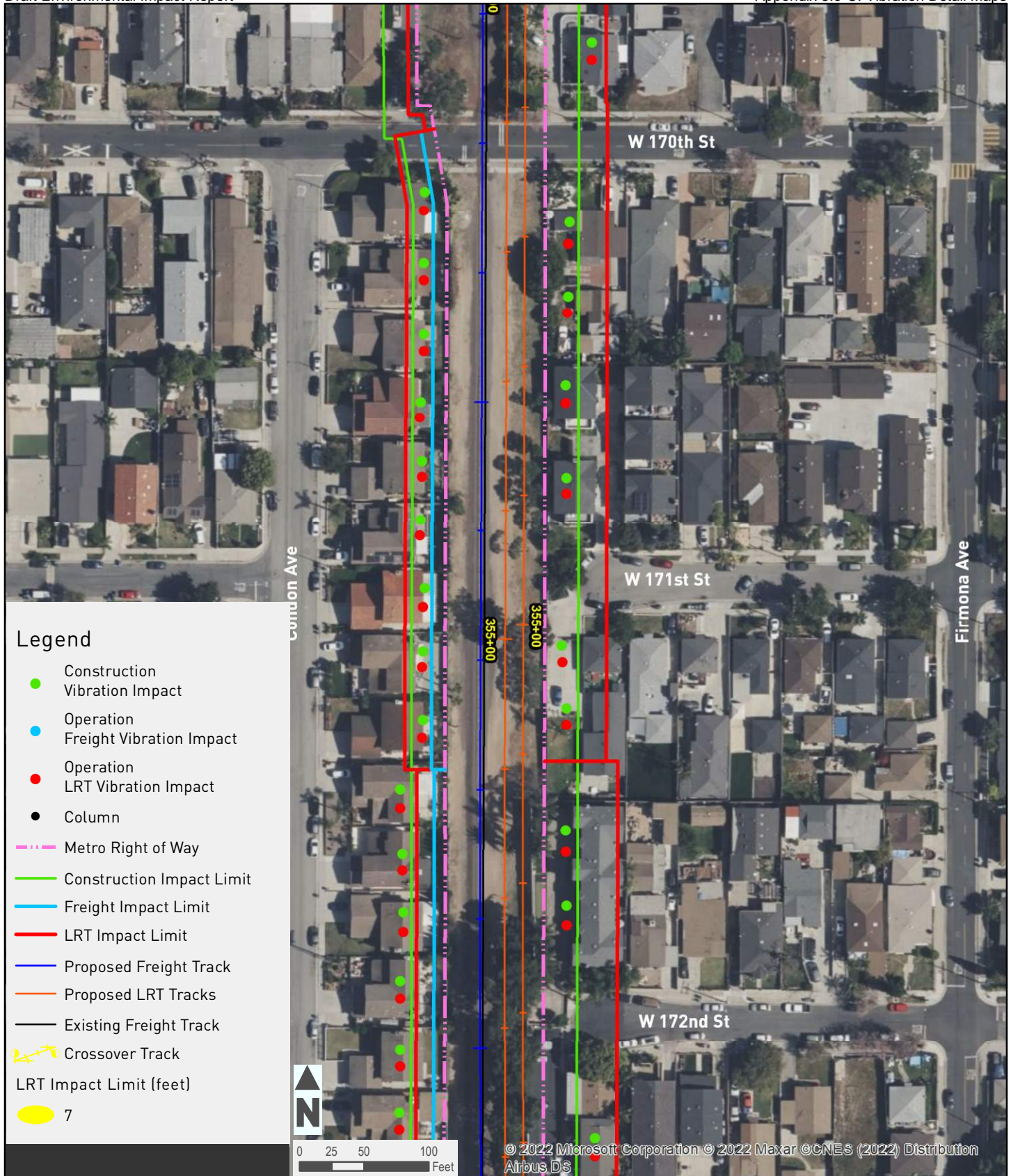


Figure 3.6-C44
Construction & Operational Vibration Impacts
Trench Option

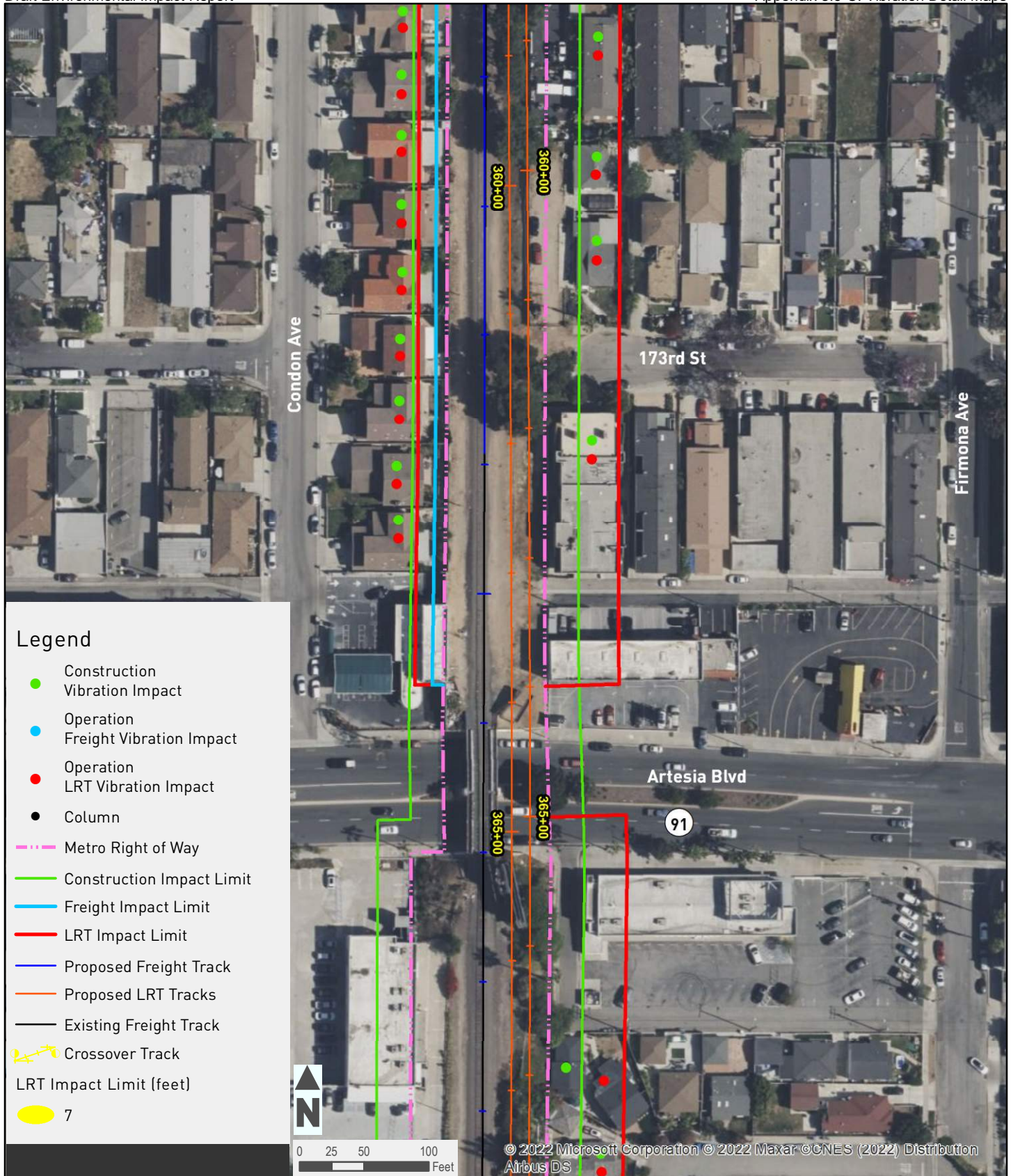


Figure 3.6-C45
Construction & Operational Vibration Impacts
Trench Option



Figure 3.6-C46
Construction & Operational Vibration Impacts
Trench Option

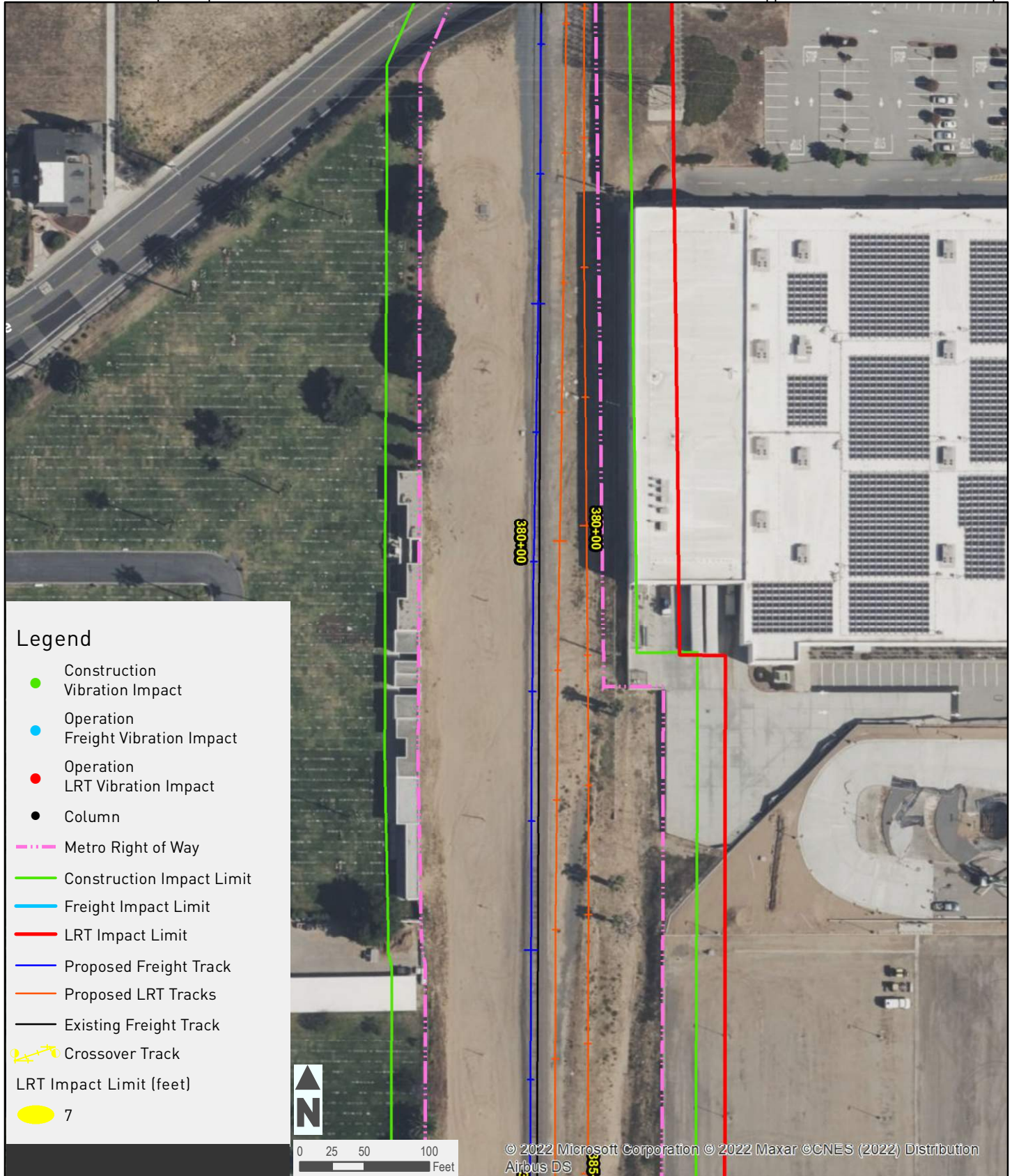


Figure 3.6-C47
Construction & Operational Vibration Impacts
Trench Option

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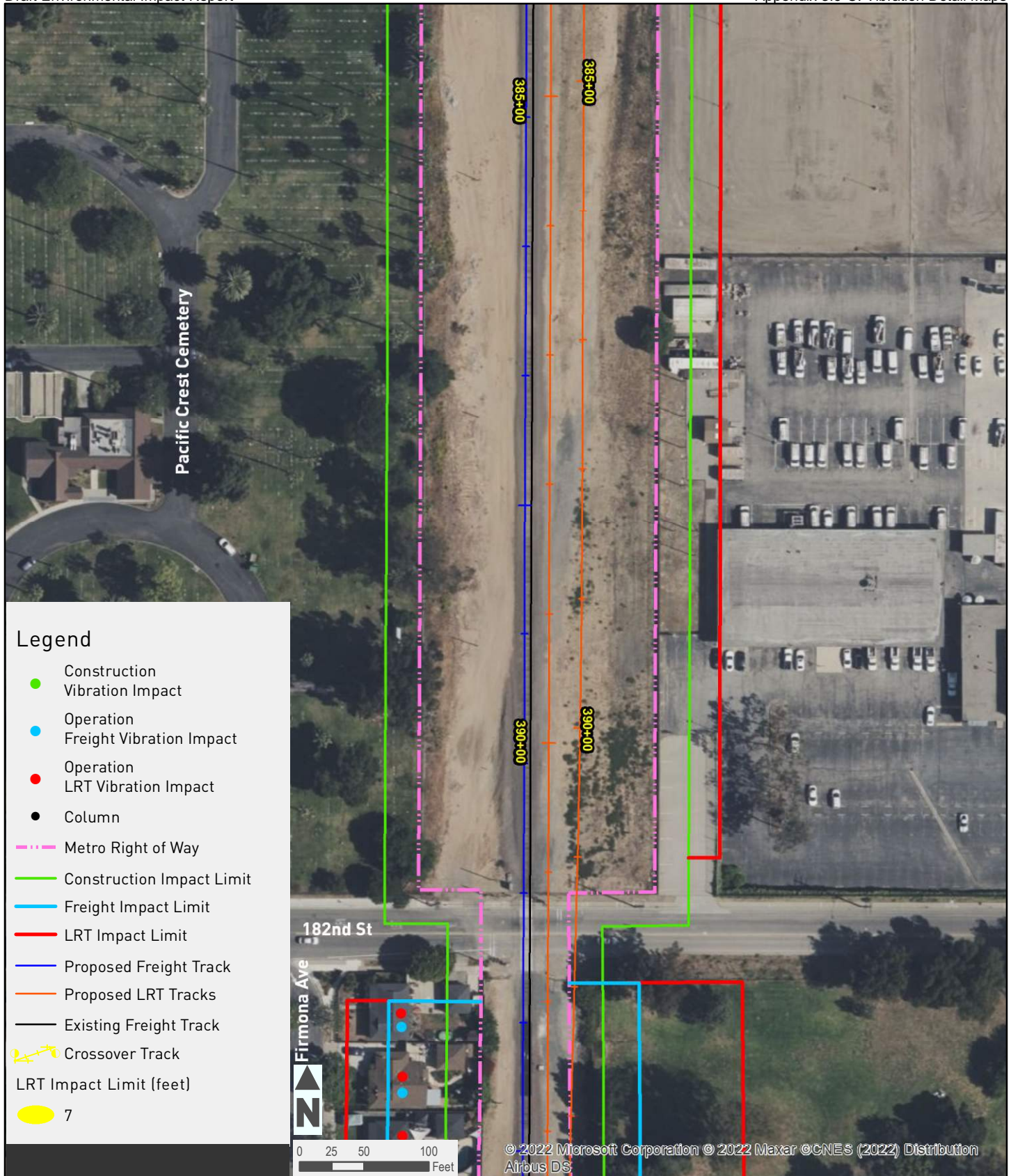


Figure 3.6-C48
Construction & Operational Vibration Impacts
Trench Option

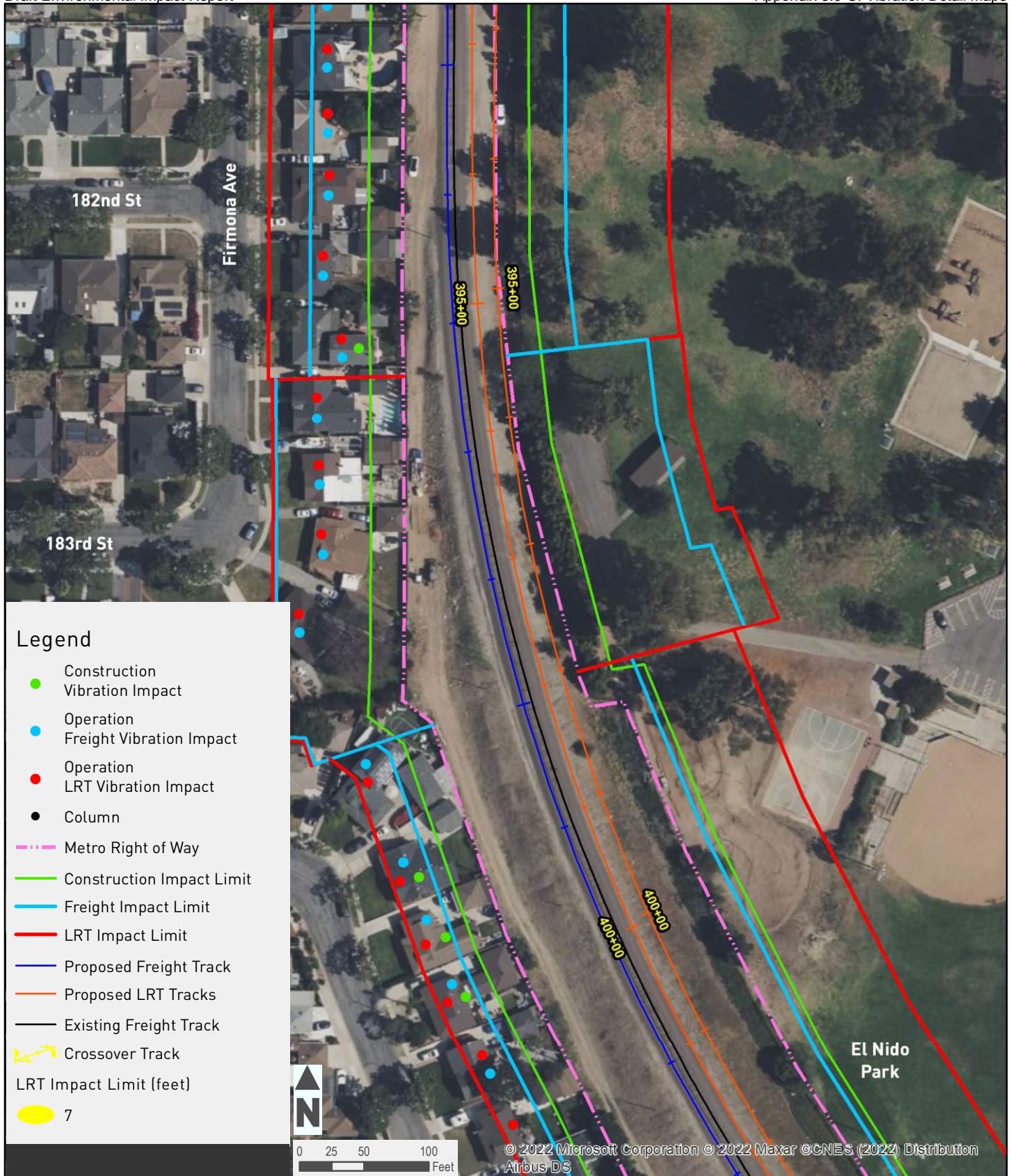


Figure 3.6-C49
Construction & Operational Vibration Impacts
Trench Option

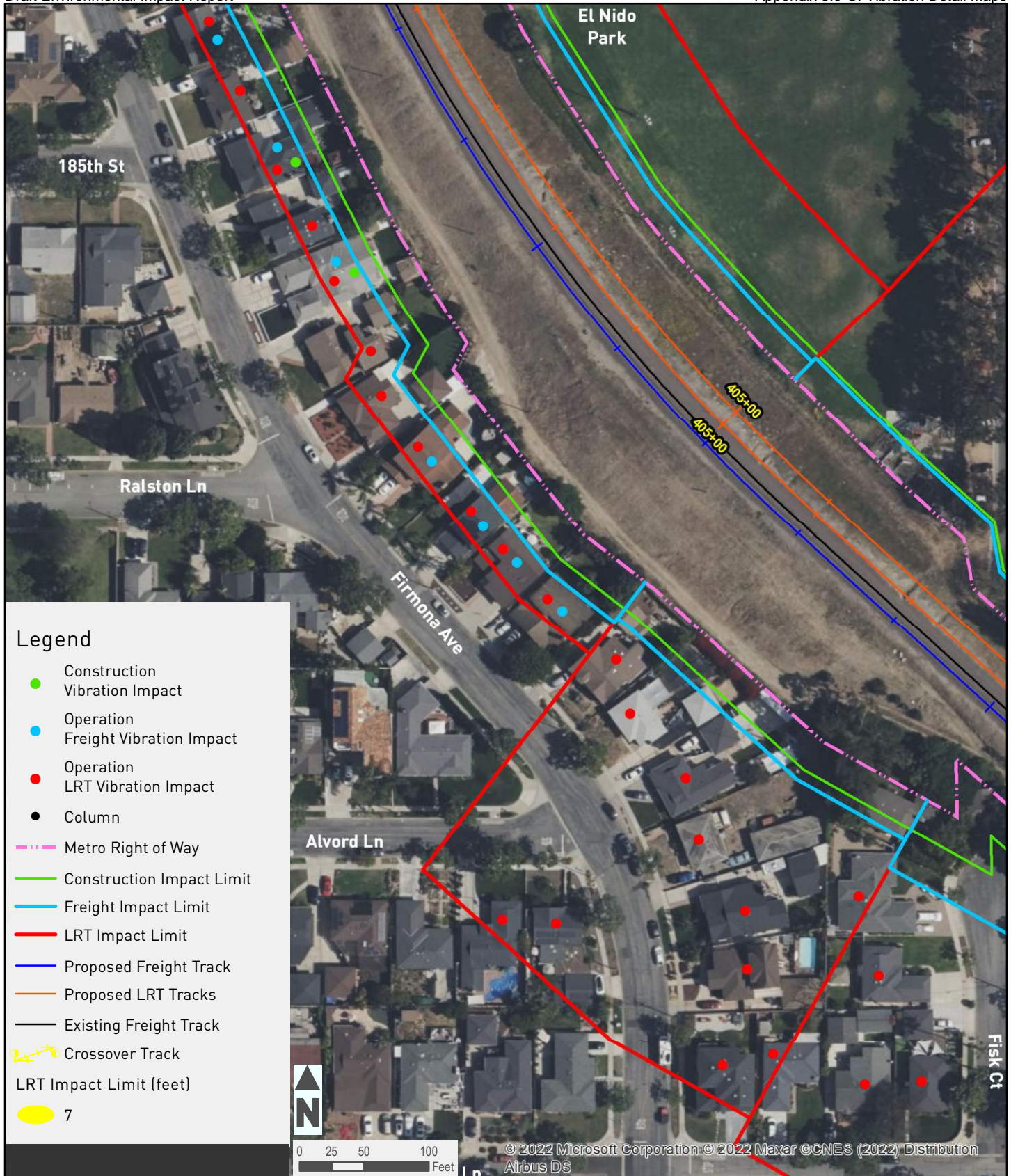


Figure 3.6-C50
Construction & Operational Vibration Impacts
Trench Option

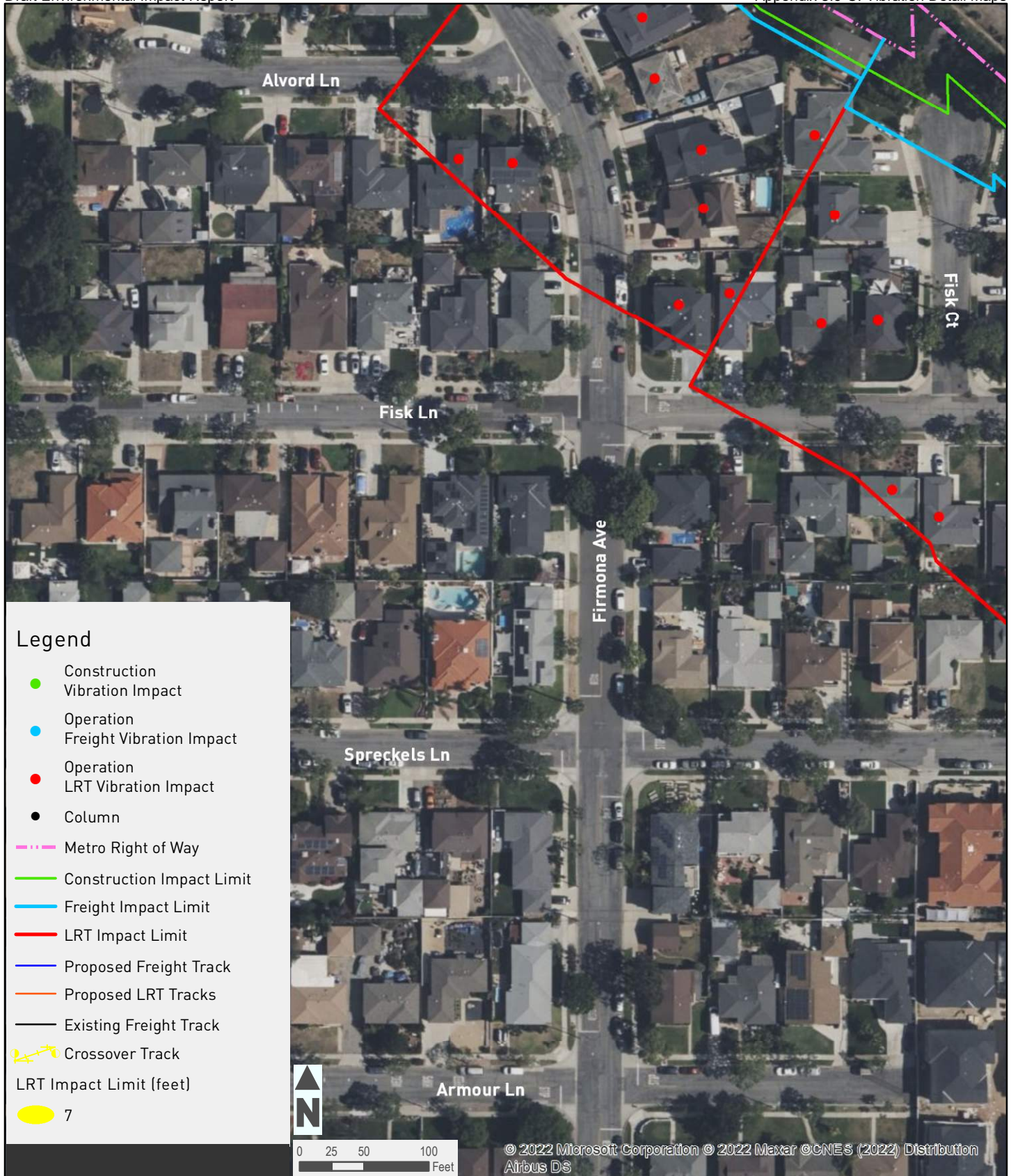
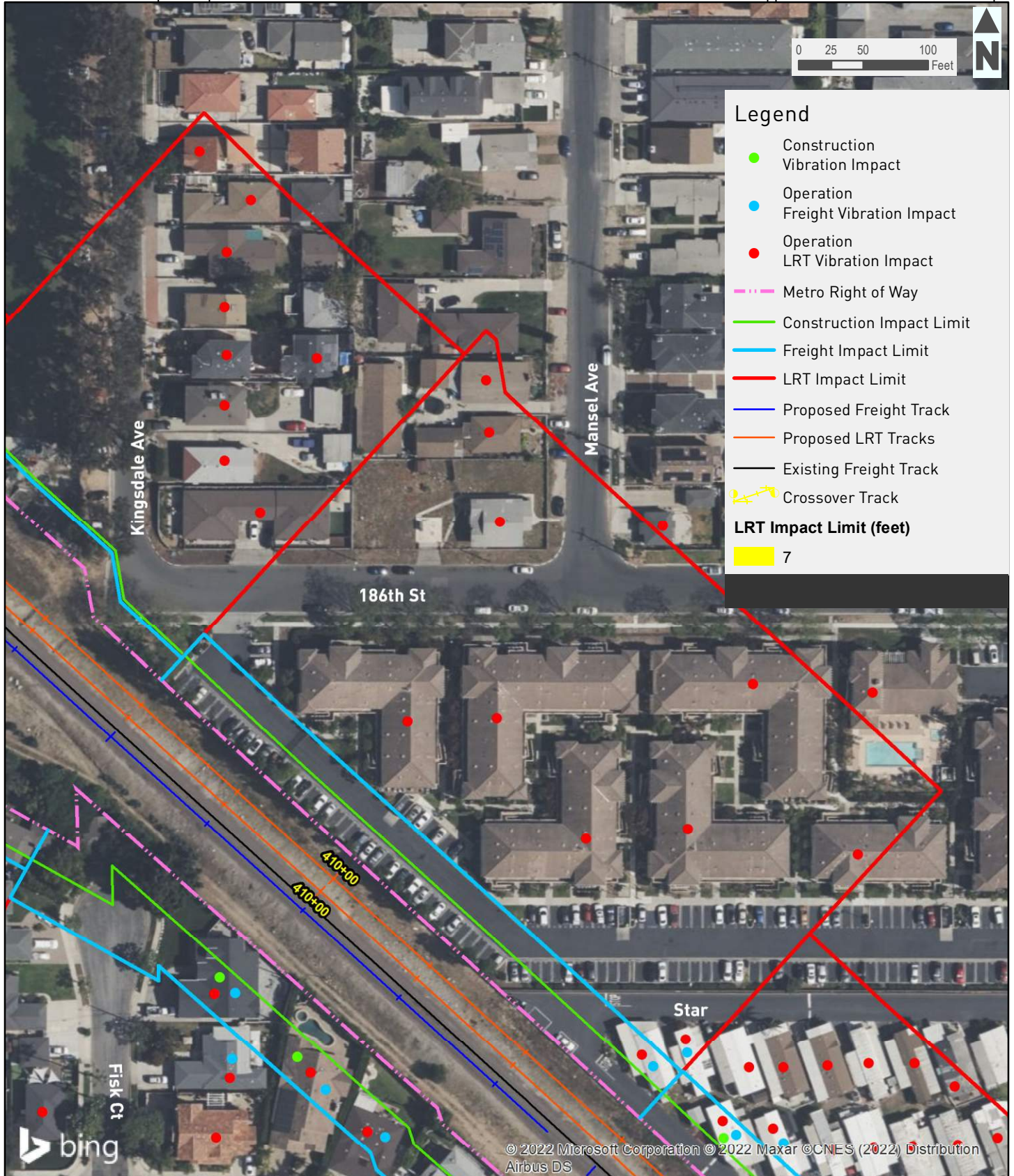


Figure 3.6-C51
Construction & Operational Vibration Impacts
Trench Option



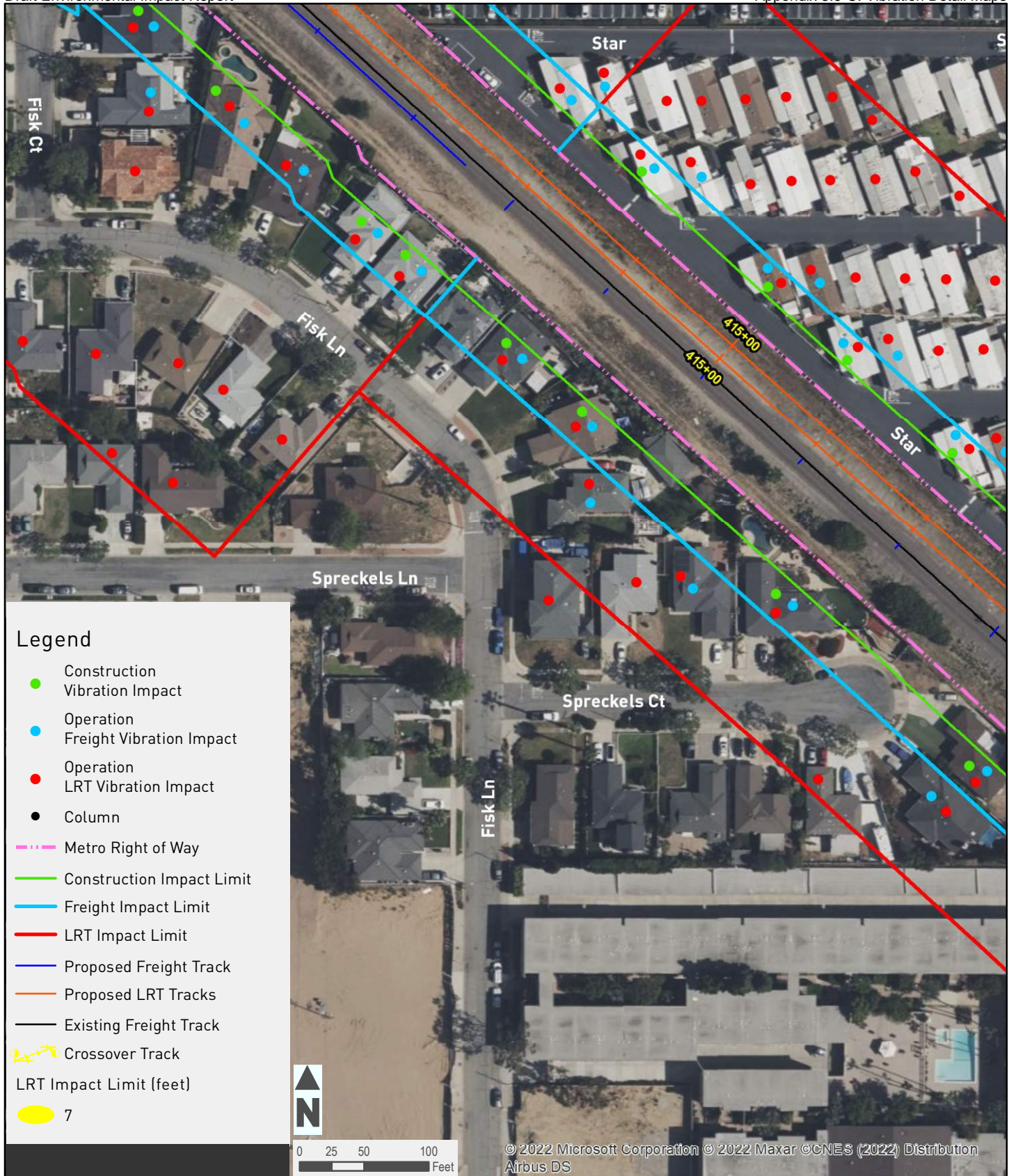


Figure 3.6-C53
Construction & Operational Vibration Impacts
Trench Option



Figure 3.6-C54
Construction & Operational Vibration Impacts
Trench Option

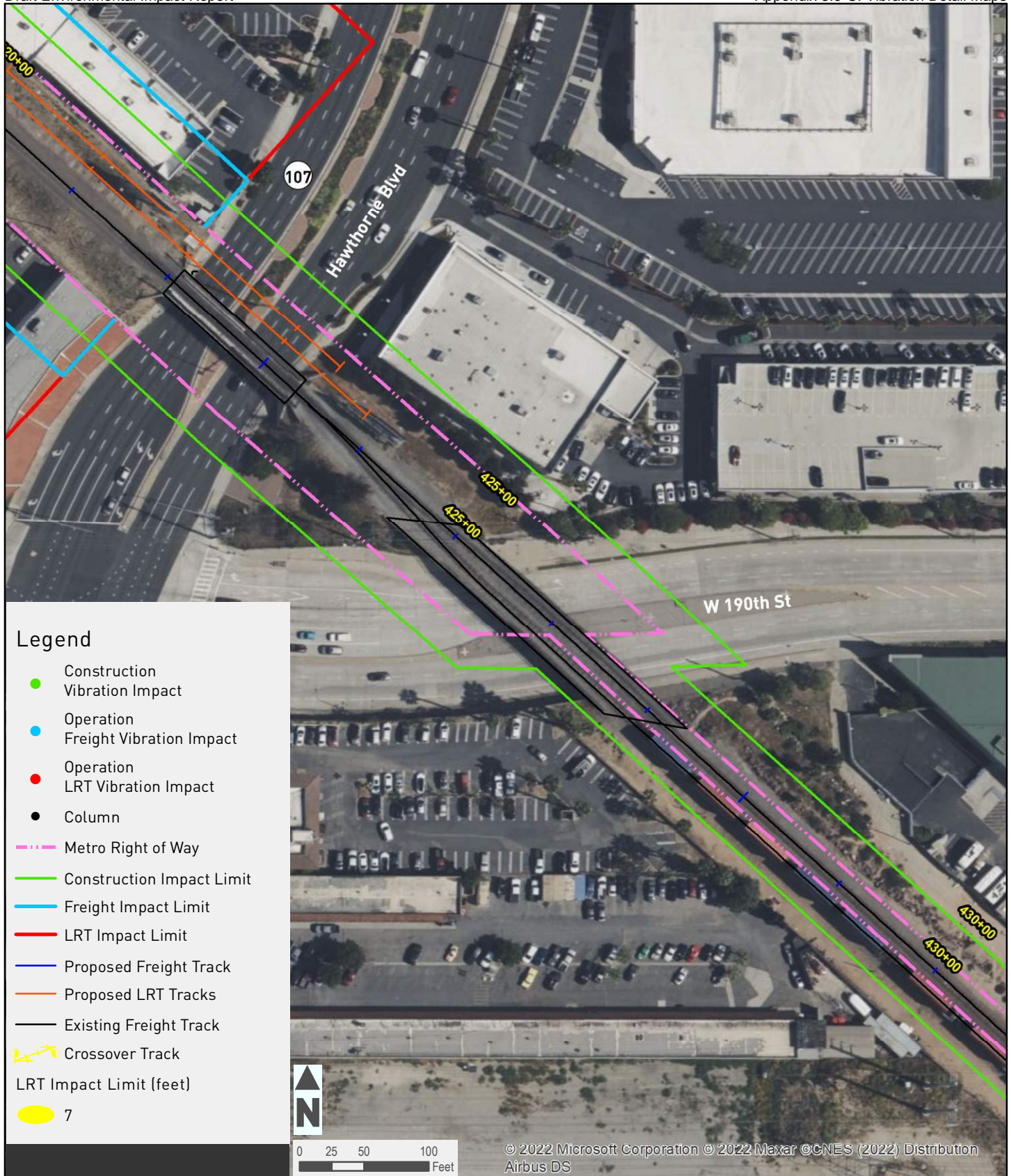


Figure 3.6-C55
Construction & Operational Vibration Impacts
Trench Option

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Figure 3.6-C56
Construction & Operational Vibration Impacts
Hawthorne Option

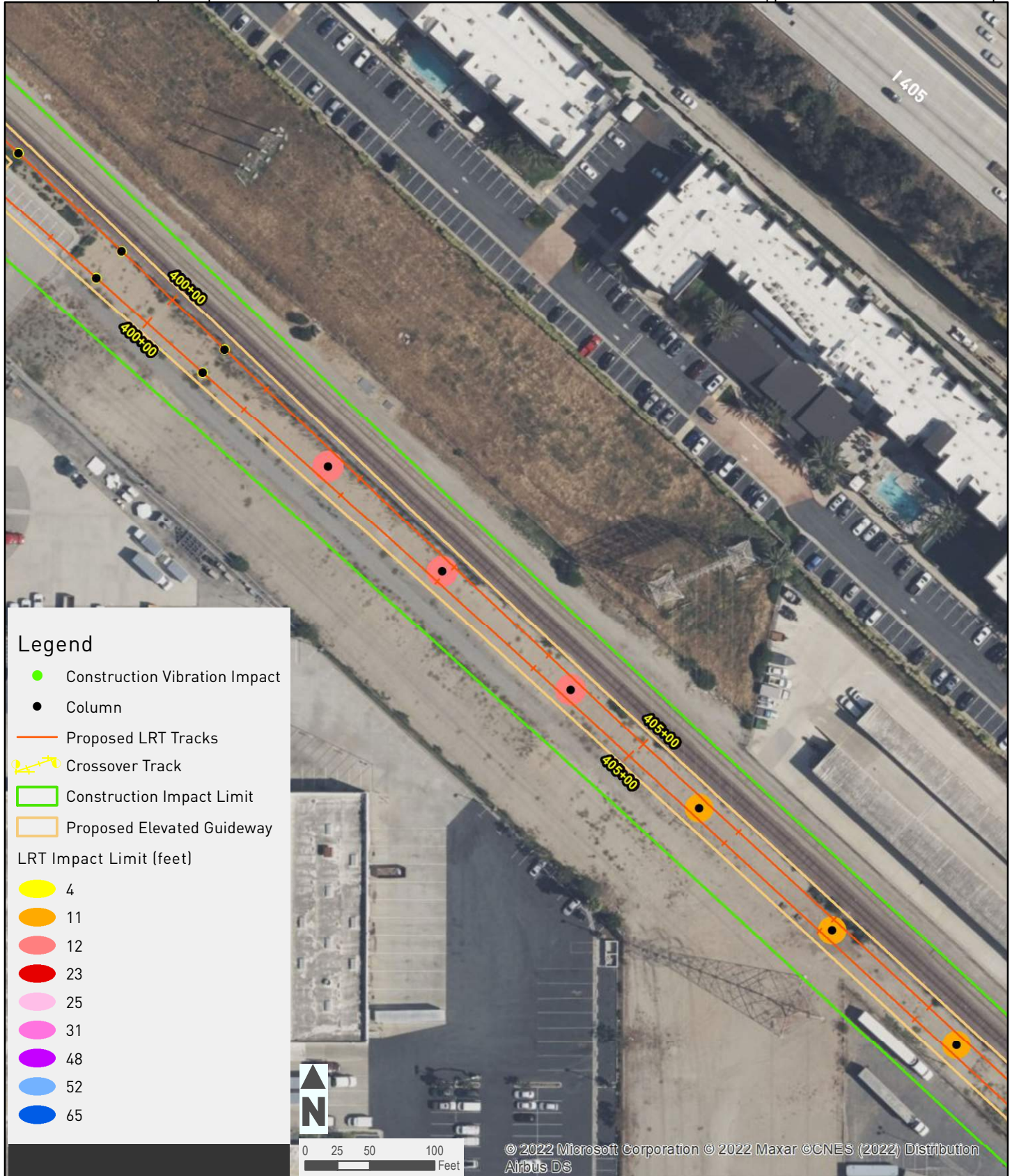


Figure 3.6-C57
Construction & Operational Vibration Impacts
Hawthorne Option

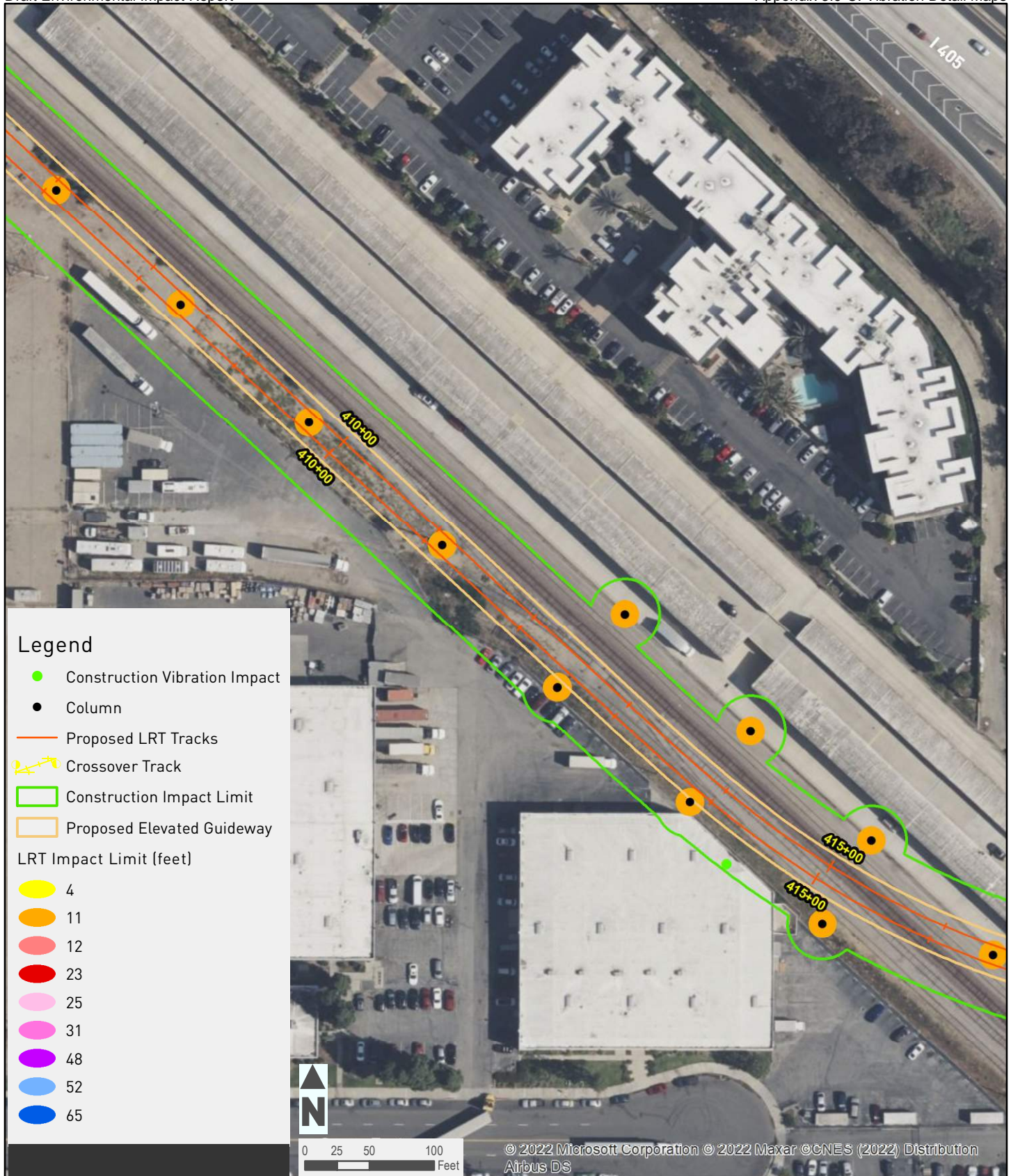


Figure 3.6-C58
Construction & Operational Vibration Impacts
Hawthorne Option

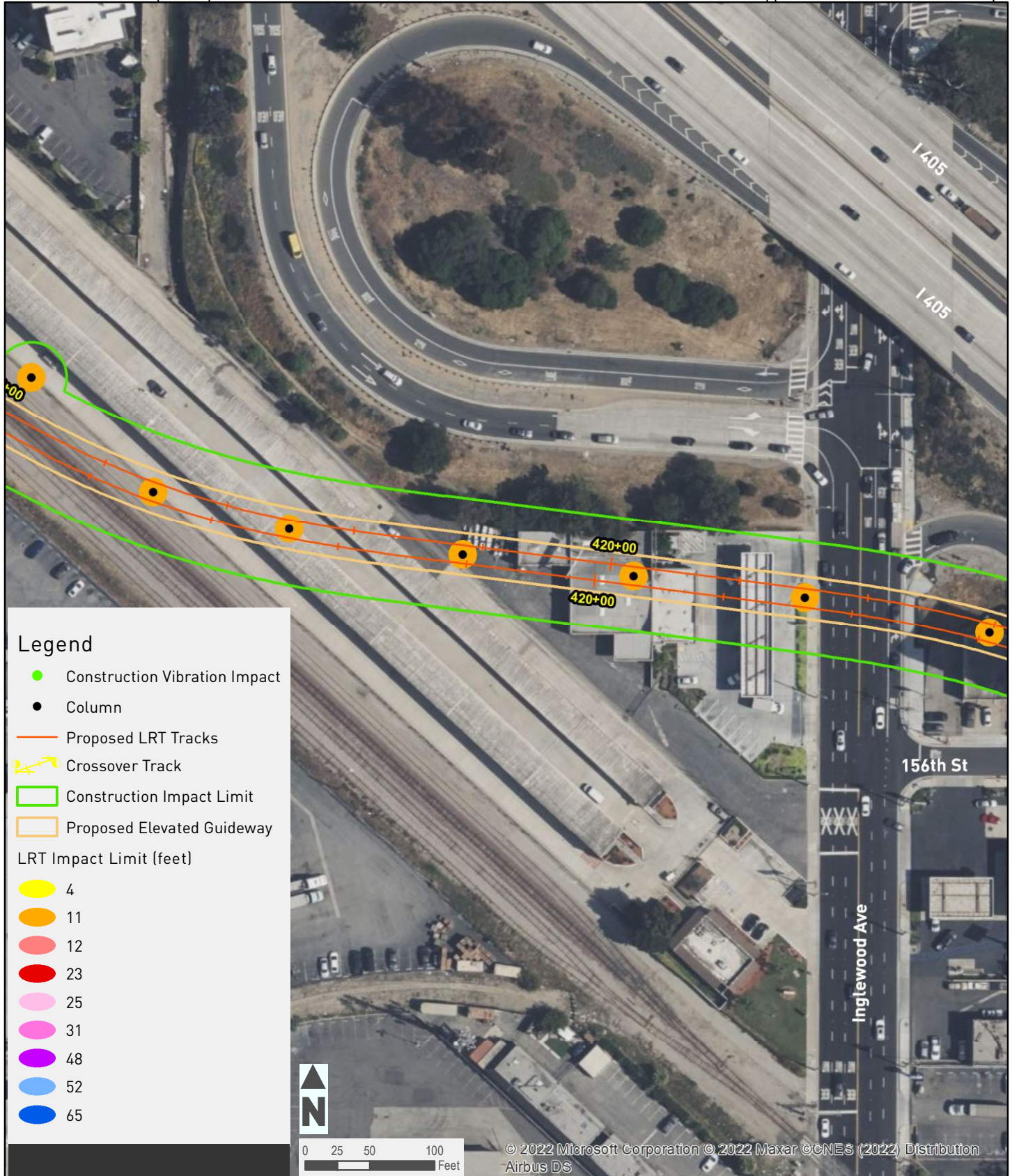


Figure 3.6-C59
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C60
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C61
Construction & Operational Vibration Impacts
Hawthorne Option

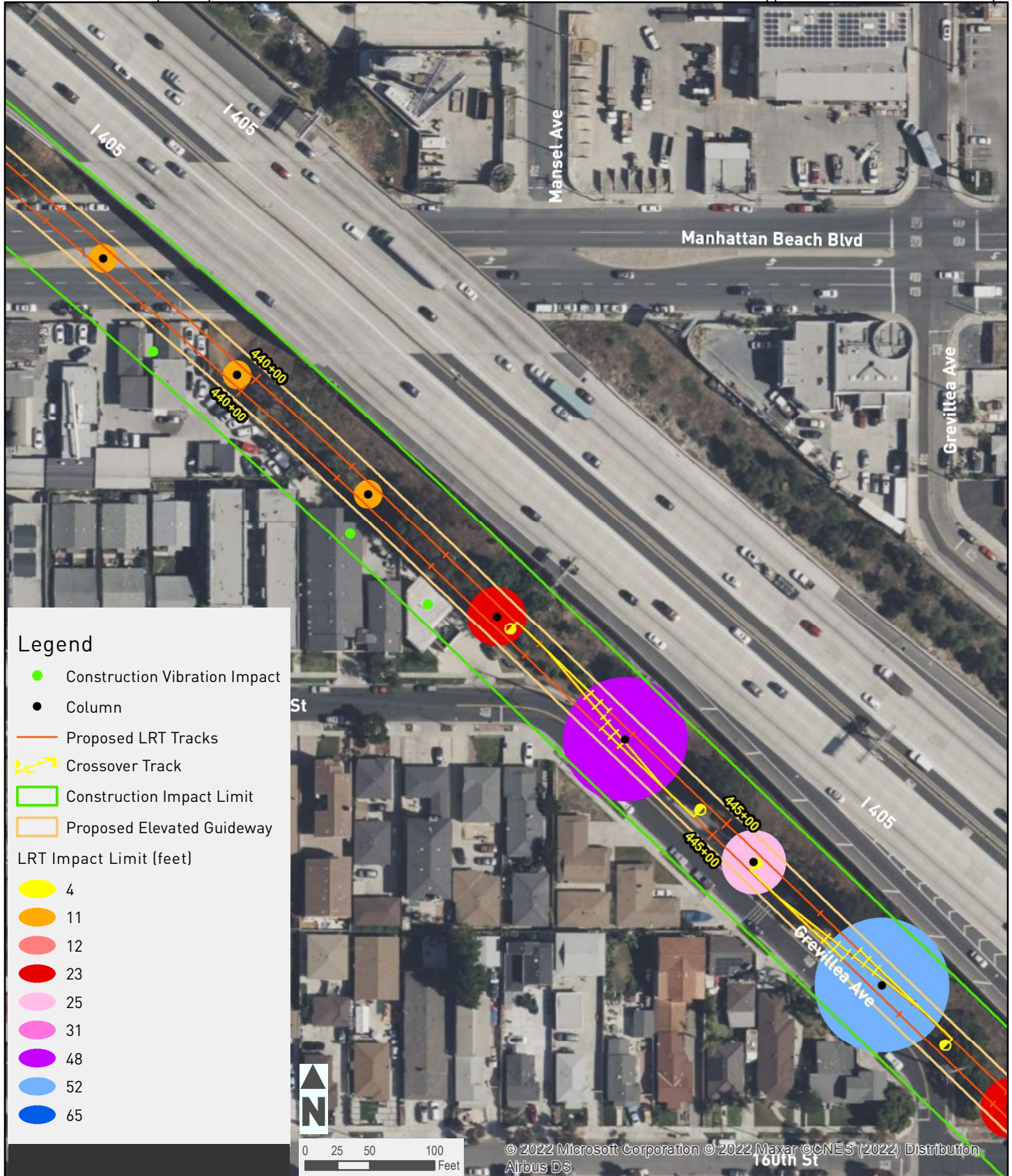


Figure 3.6-C62
Construction & Operational Vibration Impacts
Hawthorne Option

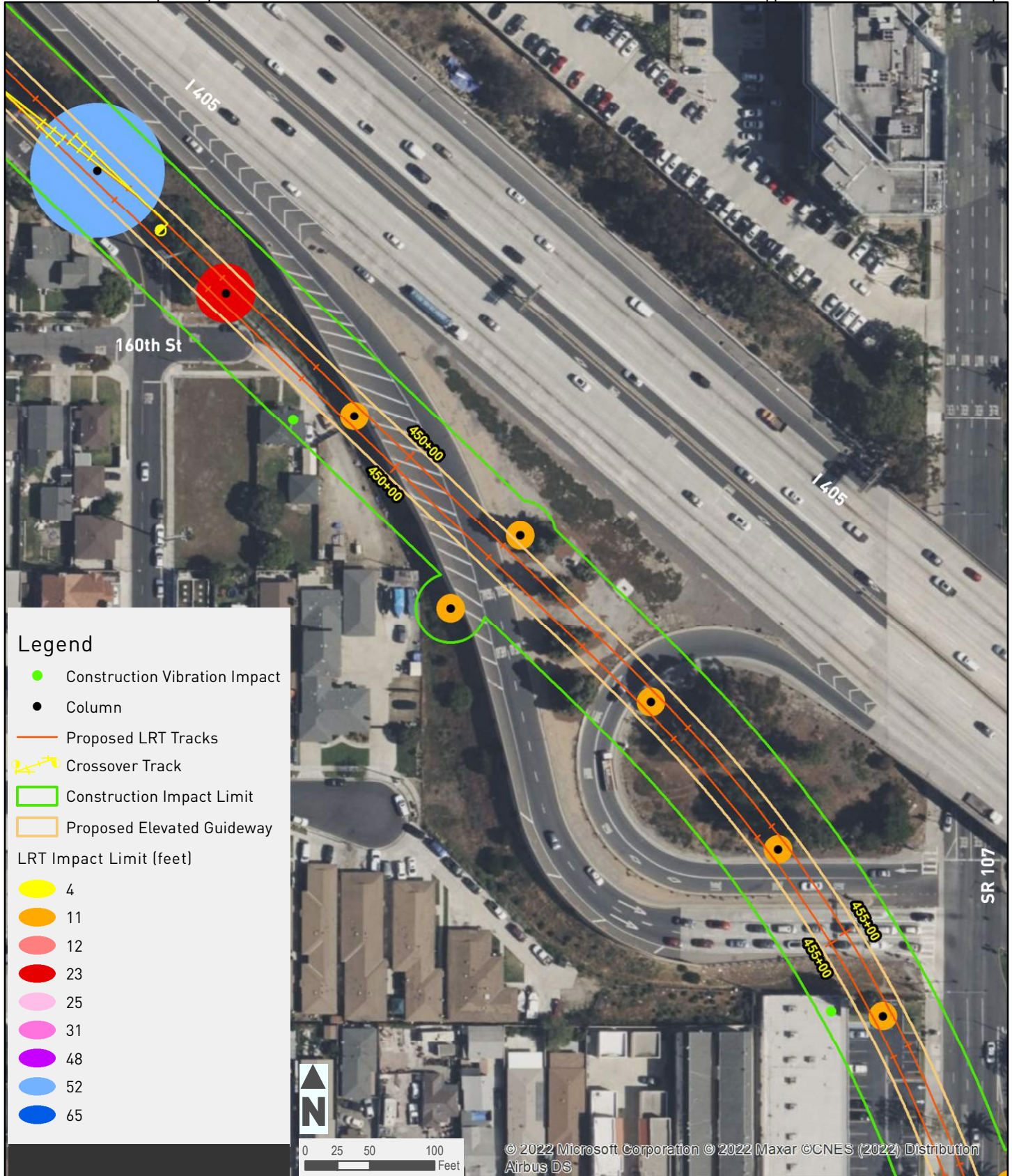


Figure 3.6-C63
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C64
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C65
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C66
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C67
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C68
Construction & Operational Vibration Impacts
Hawthorne Option

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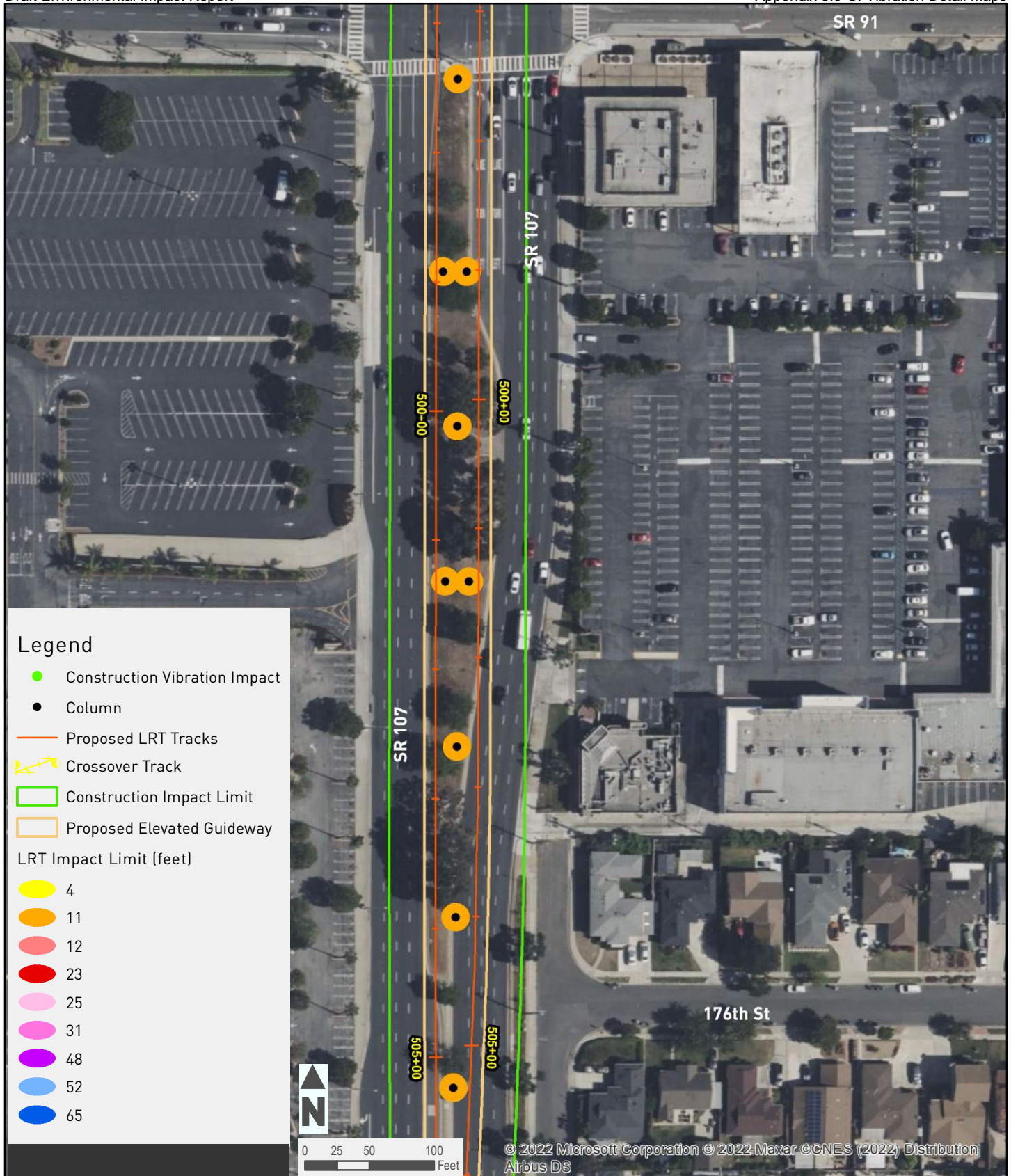


Figure 3.6-C69
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C70
Construction & Operational Vibration Impacts
Hawthorne Option

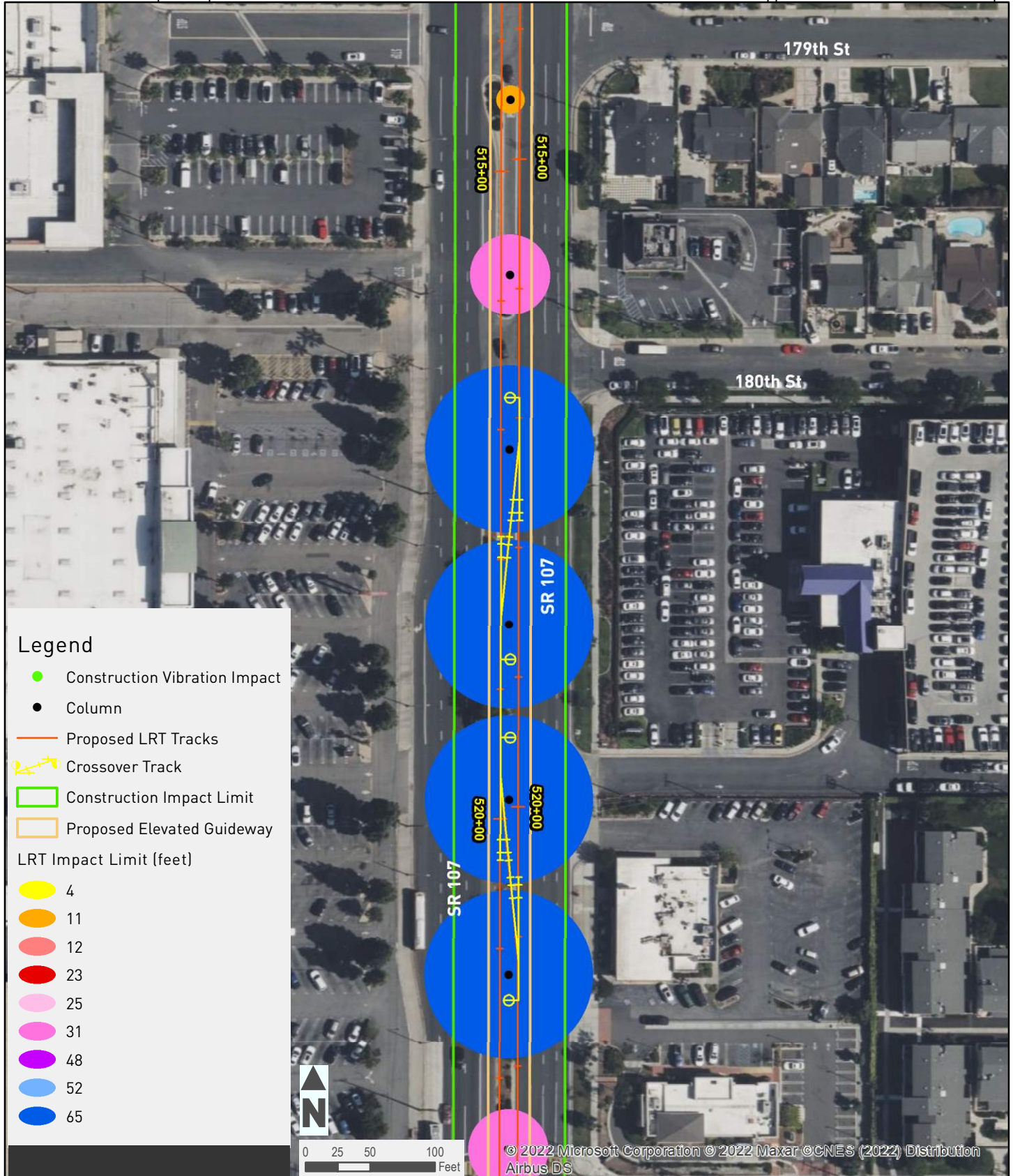




Figure 3.6-C72
Construction & Operational Vibration Impacts
Hawthorne Option

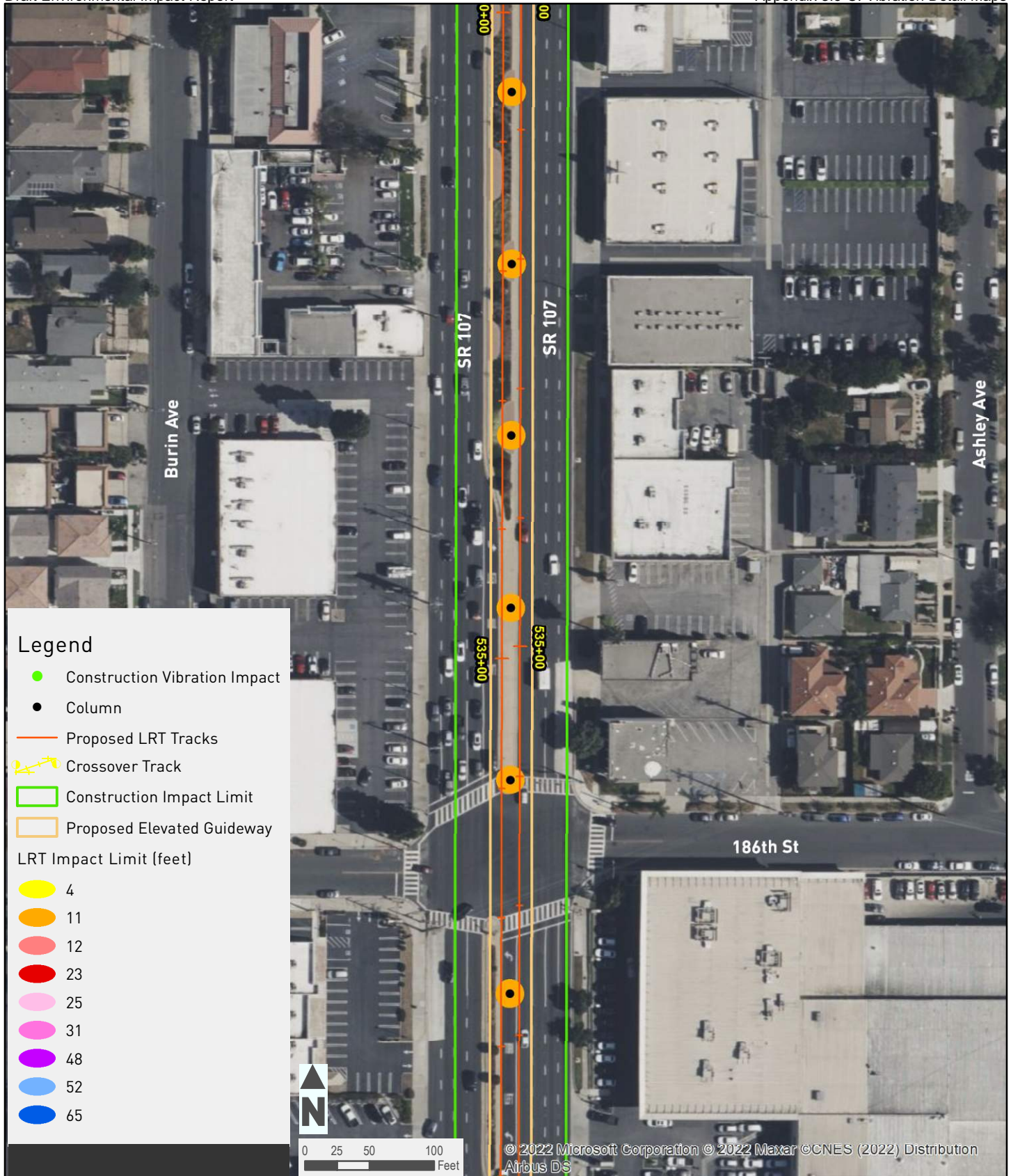


Figure 3.6-C73
Construction & Operational Vibration Impacts
Hawthorne Option



Figure 3.6-C74
Construction & Operational Vibration Impacts
Hawthorne Option

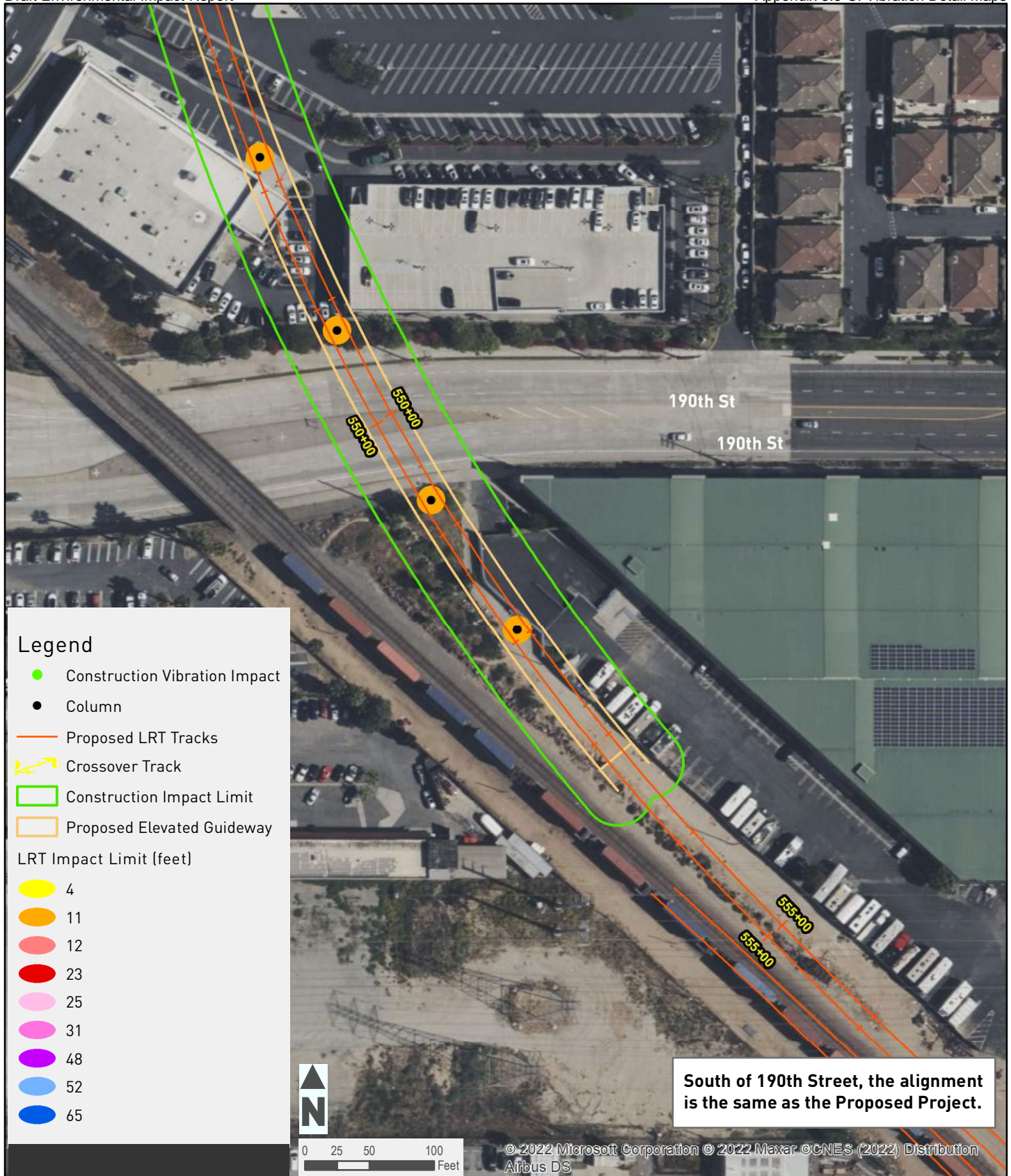


Figure 3.6-C75
Construction & Operational Vibration Impacts
Hawthorne Option