

APPENDIX 3.4-C: NOISE AND VIBRATION MEASUREMENT AND IMPACT LOCATIONS

NOISE AND VIBRATION MEASUREMENT LOCATIONS

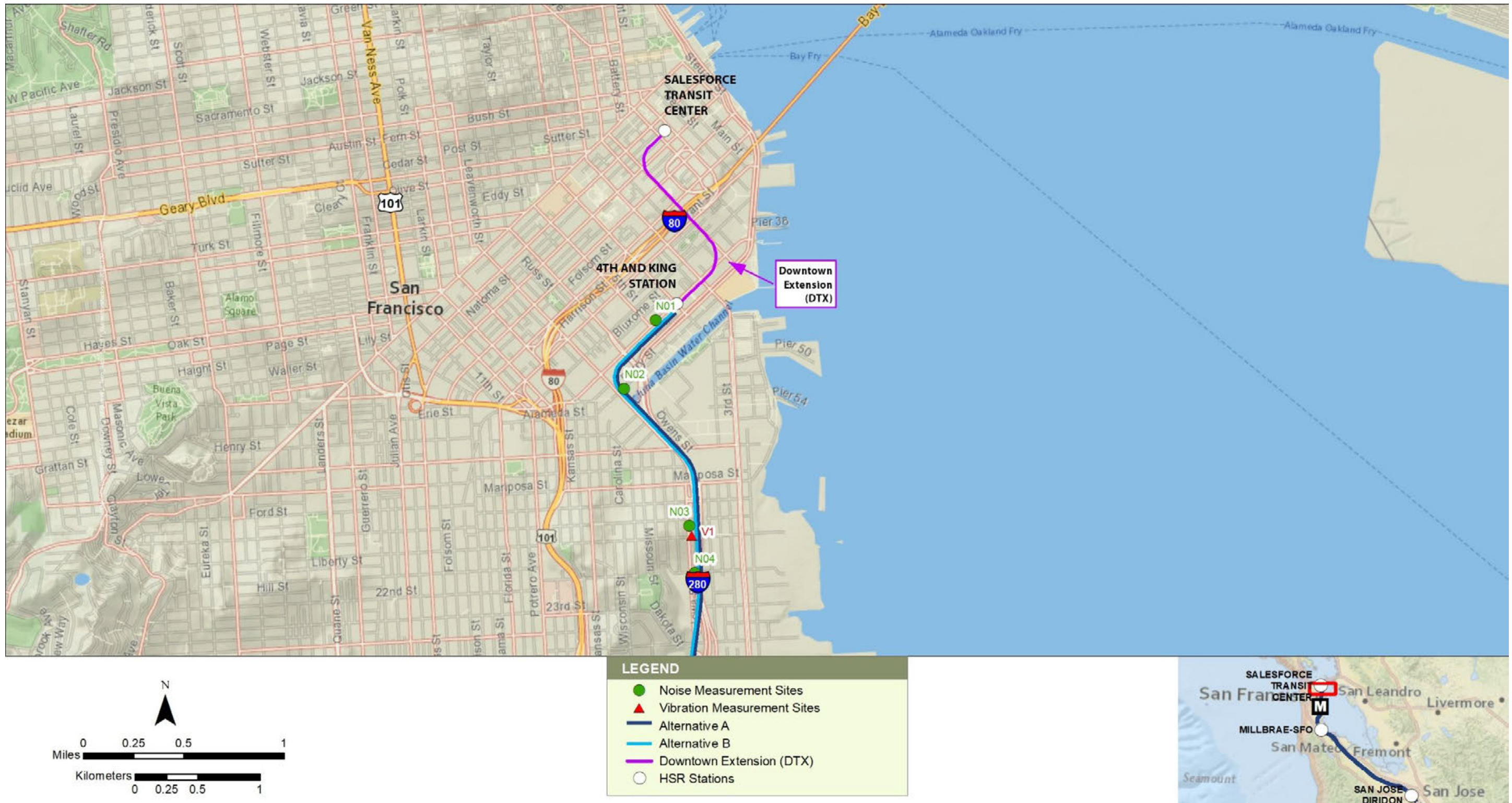


Figure C-1 Noise and Vibration Measurement Locations

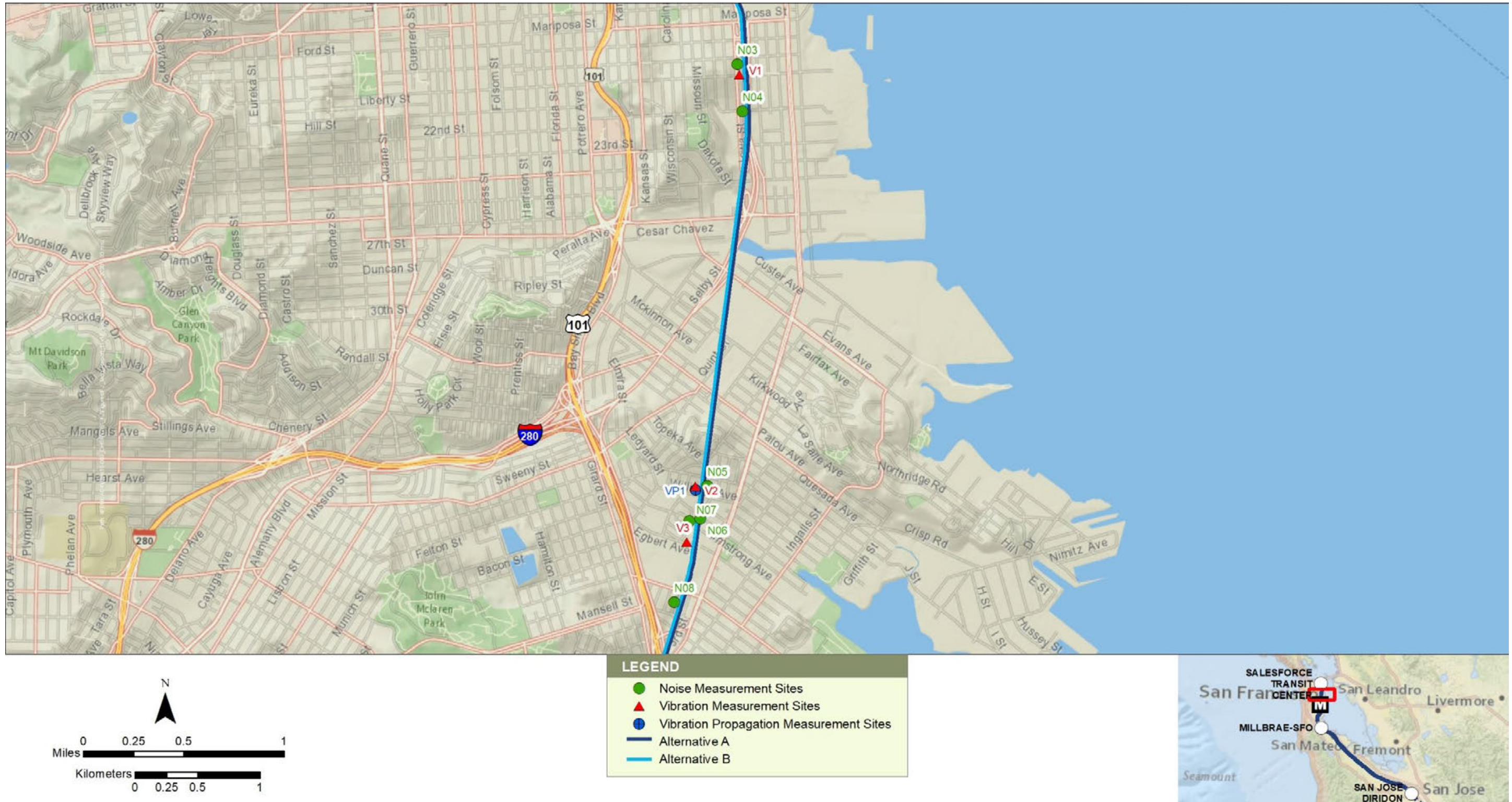


Figure C-2 Noise and Vibration Measurement Locations



Figure C-3 Noise and Vibration Measurement Locations



Figure C-4 Noise and Vibration Measurement Locations



Figure C-5 Noise and Vibration Measurement Locations



Figure C-6 Noise and Vibration Measurement Locations

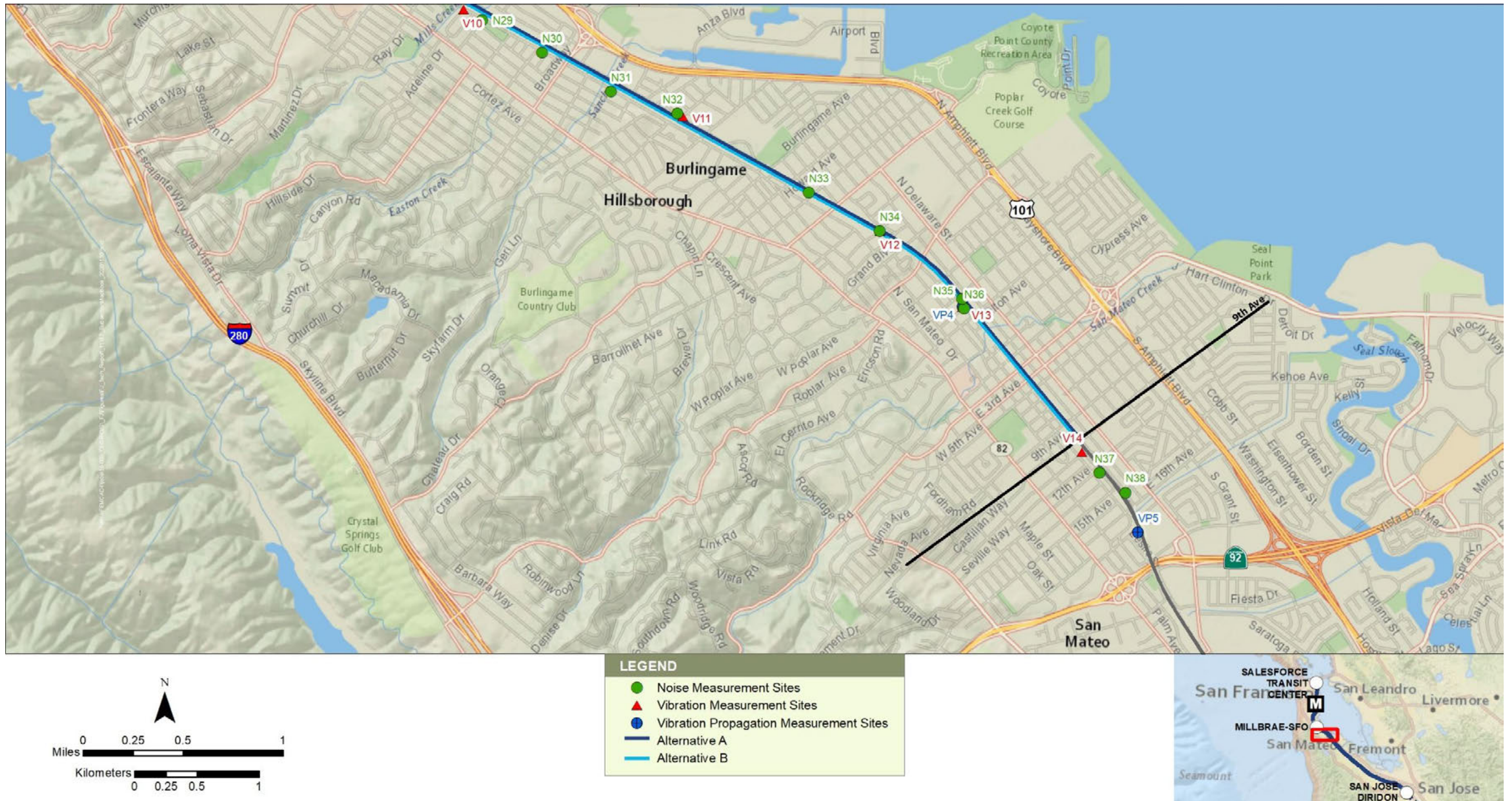


Figure C-7 Noise and Vibration Measurement Locations



Figure C-8 Noise and Vibration Measurement Locations

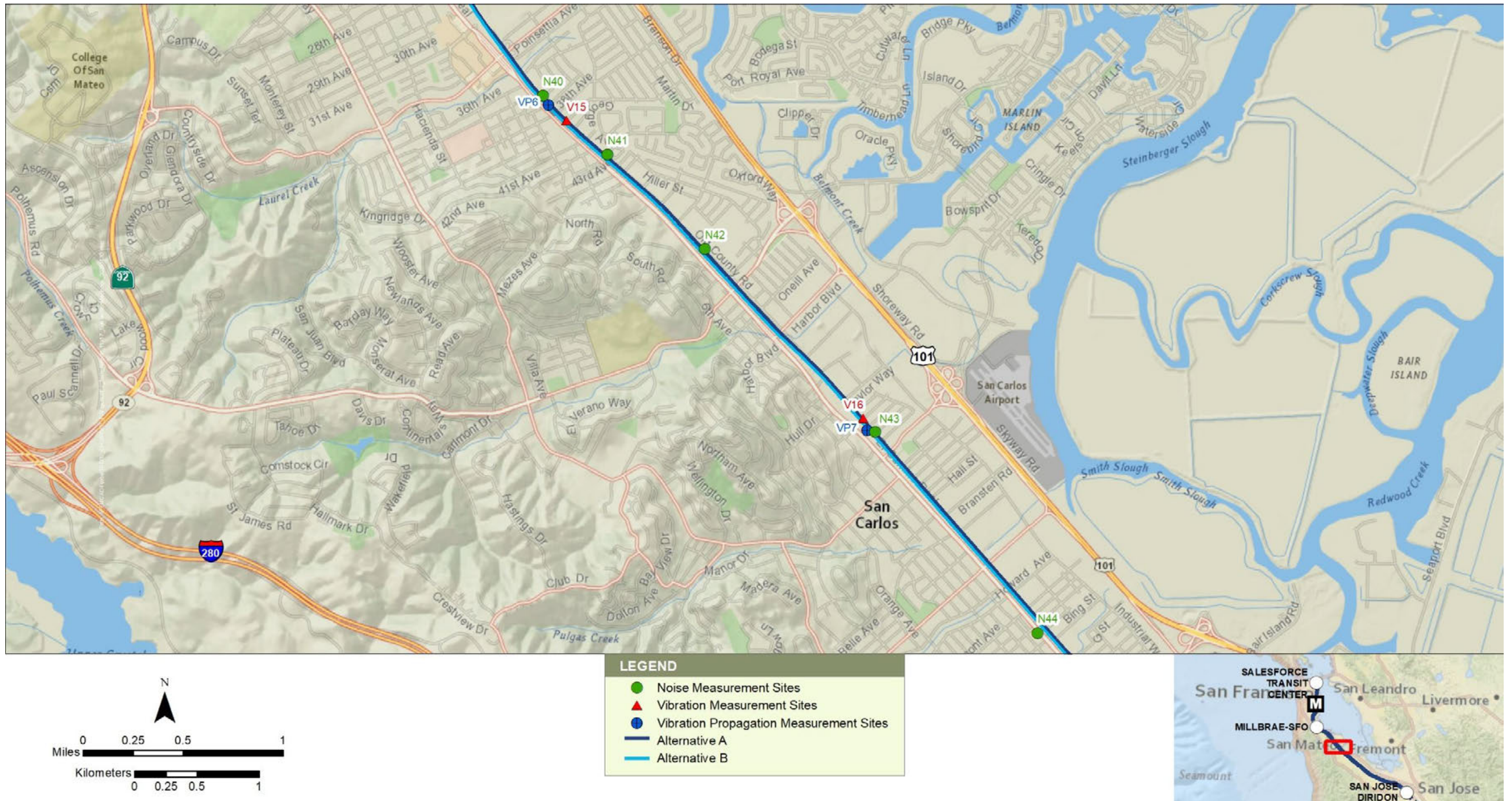
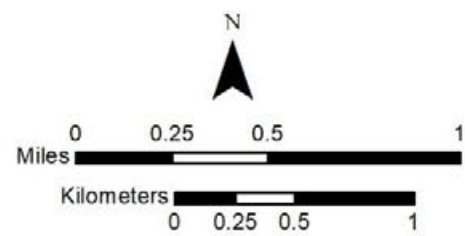
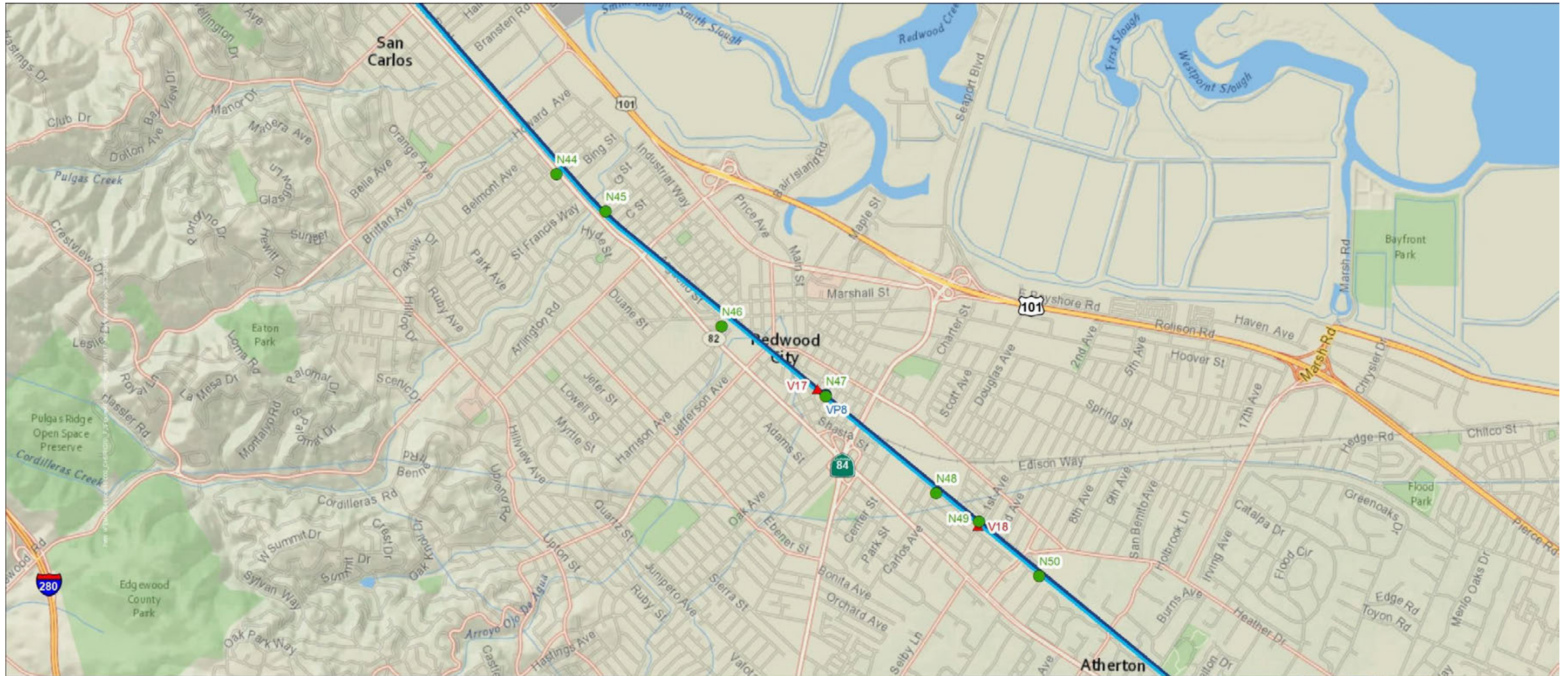


Figure C-9 Noise and Vibration Measurement Locations



LEGEND

- Noise Measurement Sites
- ▲ Vibration Measurement Sites
- Vibration Propagation Measurement Sites
- Alternative A
- Alternative B



Figure C-10 Noise and Vibration Measurement Locations



Figure C-11 Noise and Vibration Measurement Locations



Figure C-12 Noise and Vibration Measurement Locations



Figure C-13 Noise and Vibration Measurement Locations

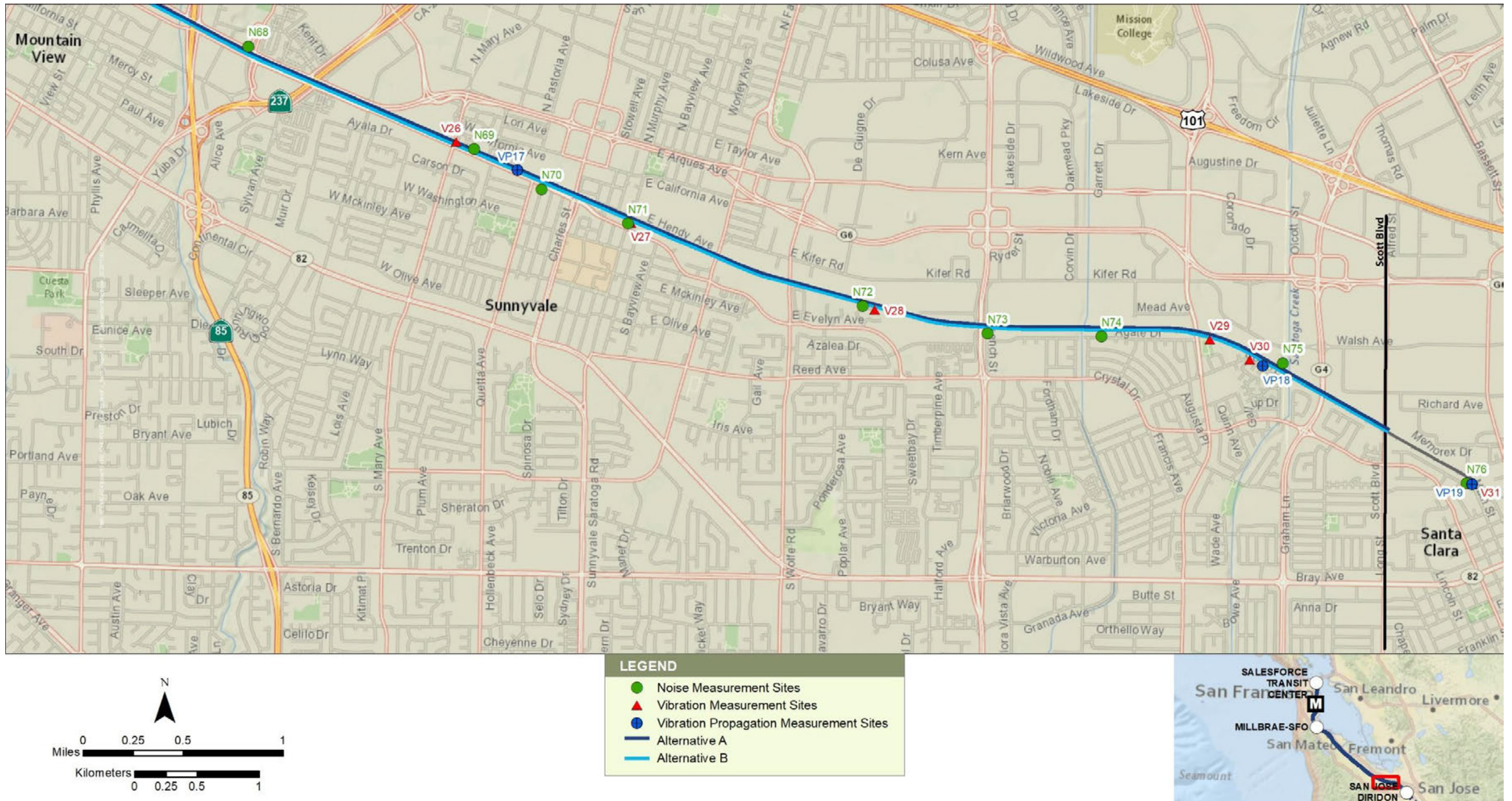


Figure C-14 Noise and Vibration Measurement Locations



Figure C-15 Noise and Vibration Measurement Locations



Figure C-16 Noise and Vibration Measurement Locations

2040 PLUS PROJECT NOISE IMPACT LOCATIONS

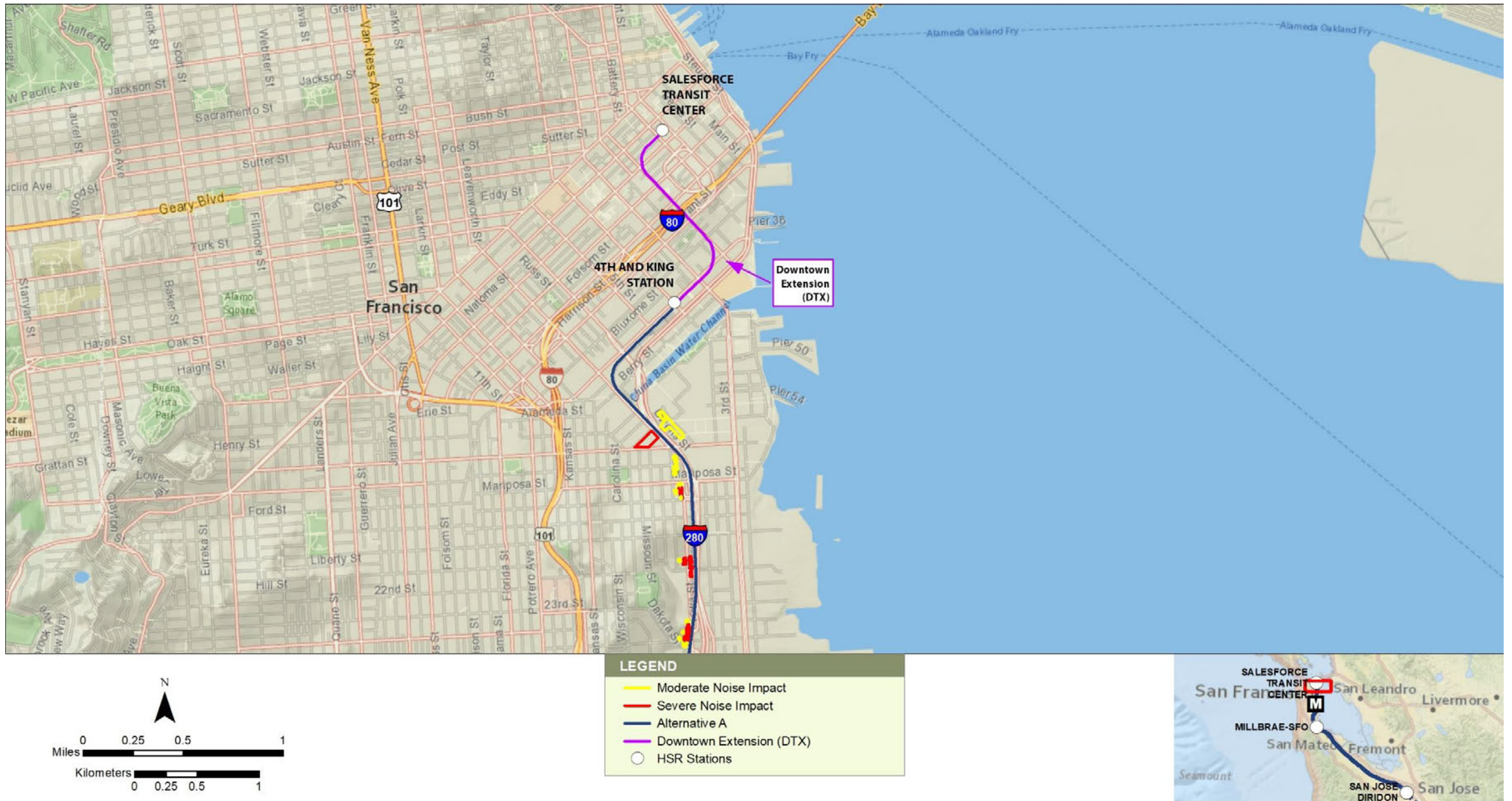


Figure C-17 2040 Plus Project Noise Impacts—Alternative A

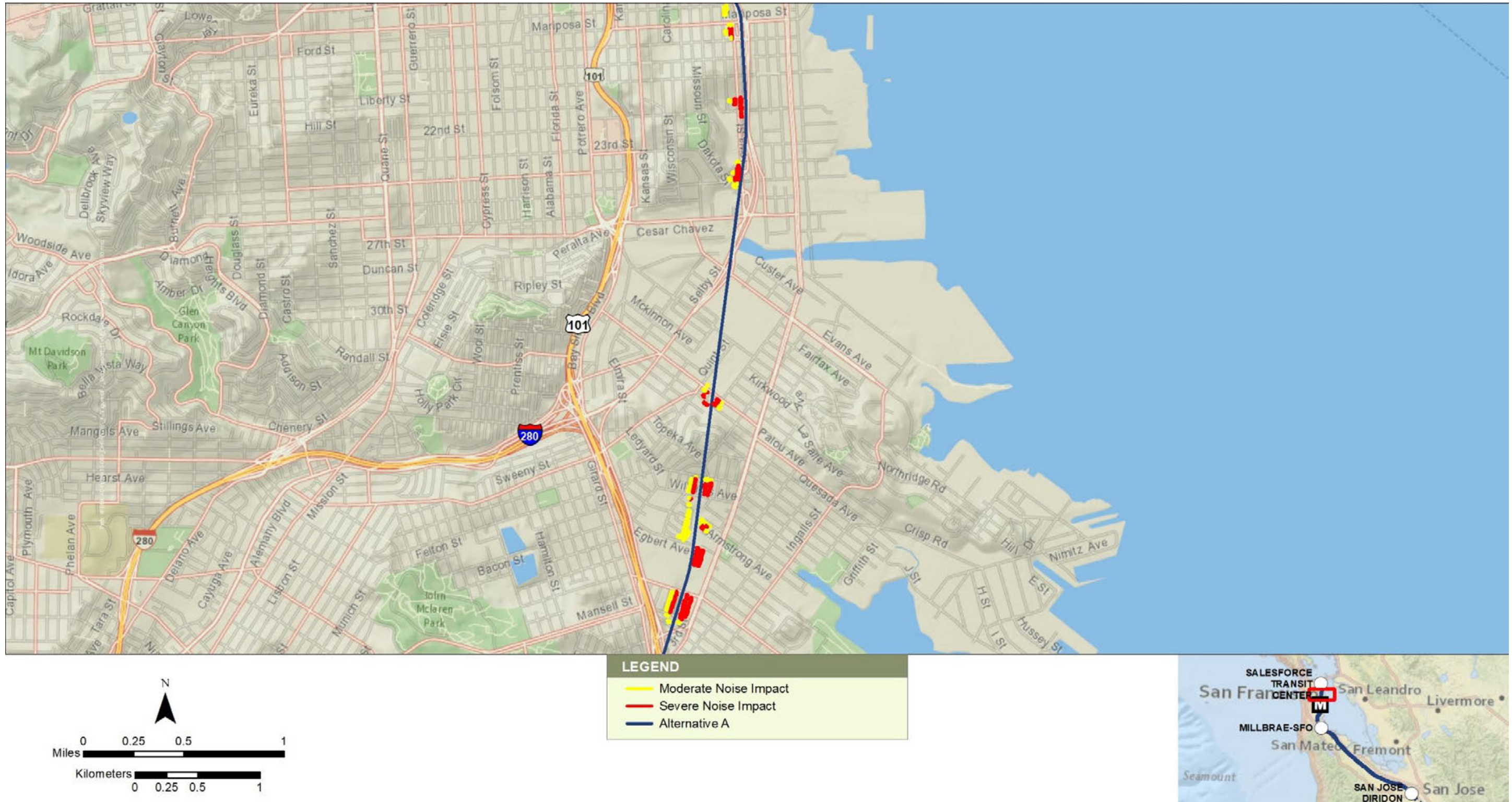


Figure C-18 2040 Plus Project Noise Impacts—Alternative A



Figure C-19 2040 Plus Project Noise Impacts—Alternative A



Figure C-20 2040 Plus Project Noise Impacts—Alternative A



Figure C-21 2040 Plus Project Noise Impacts—Alternative A

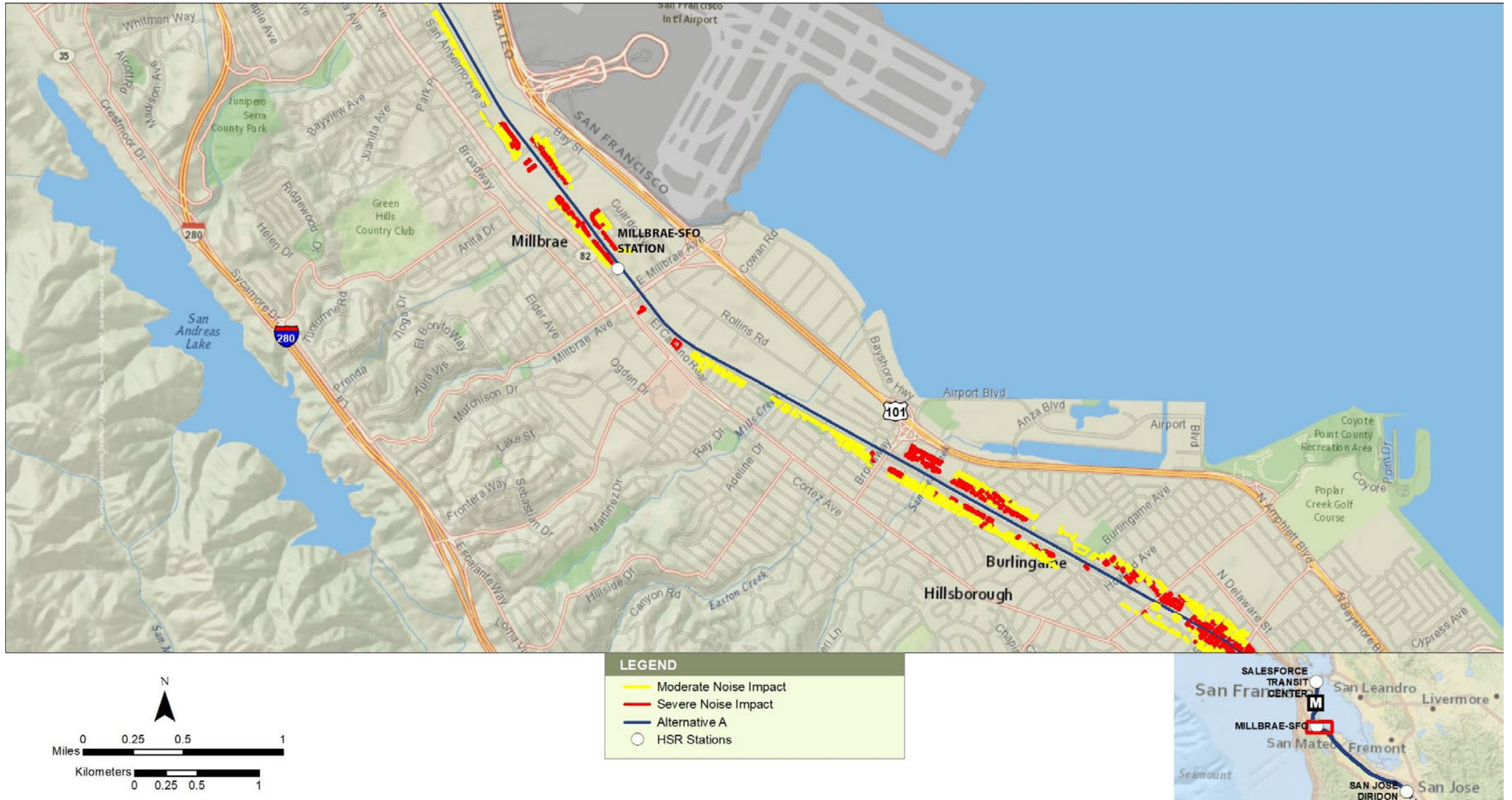


Figure C-22 2040 Plus Project Noise Impacts—Alternative A

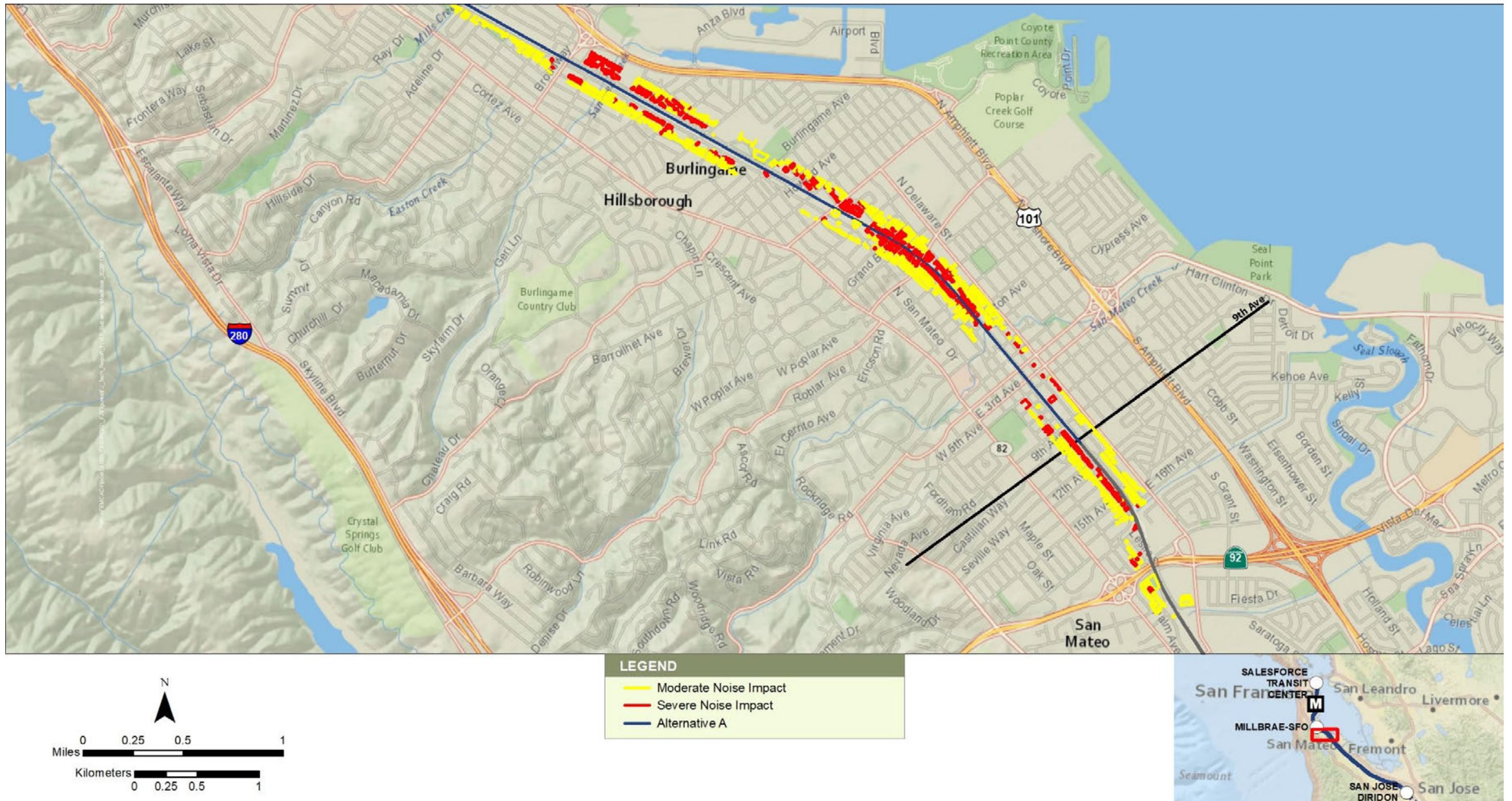


Figure C-23 2040 Plus Project Noise Impacts—Alternative A

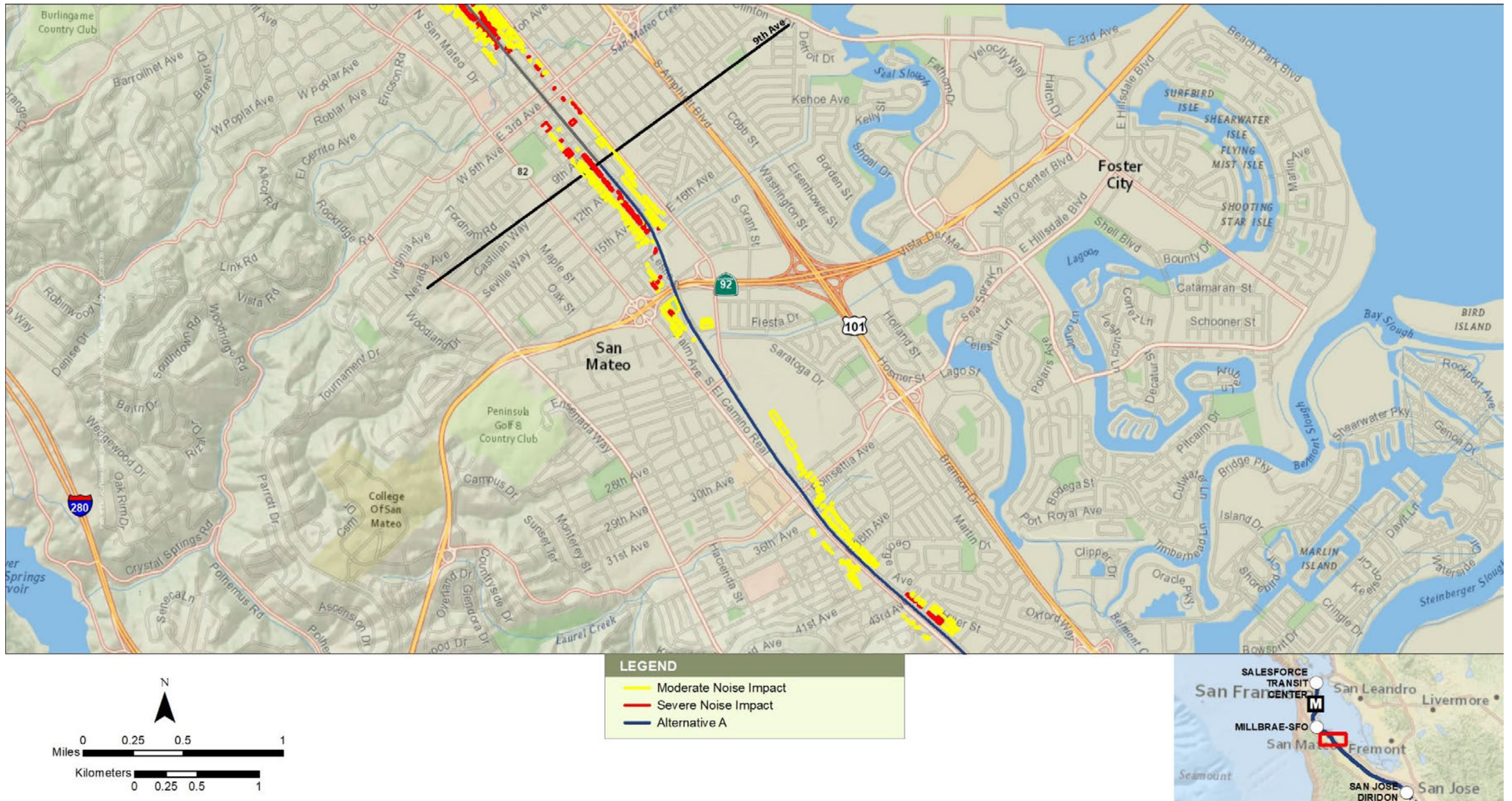


Figure C-24 2040 Plus Project Noise Impacts—Alternative A

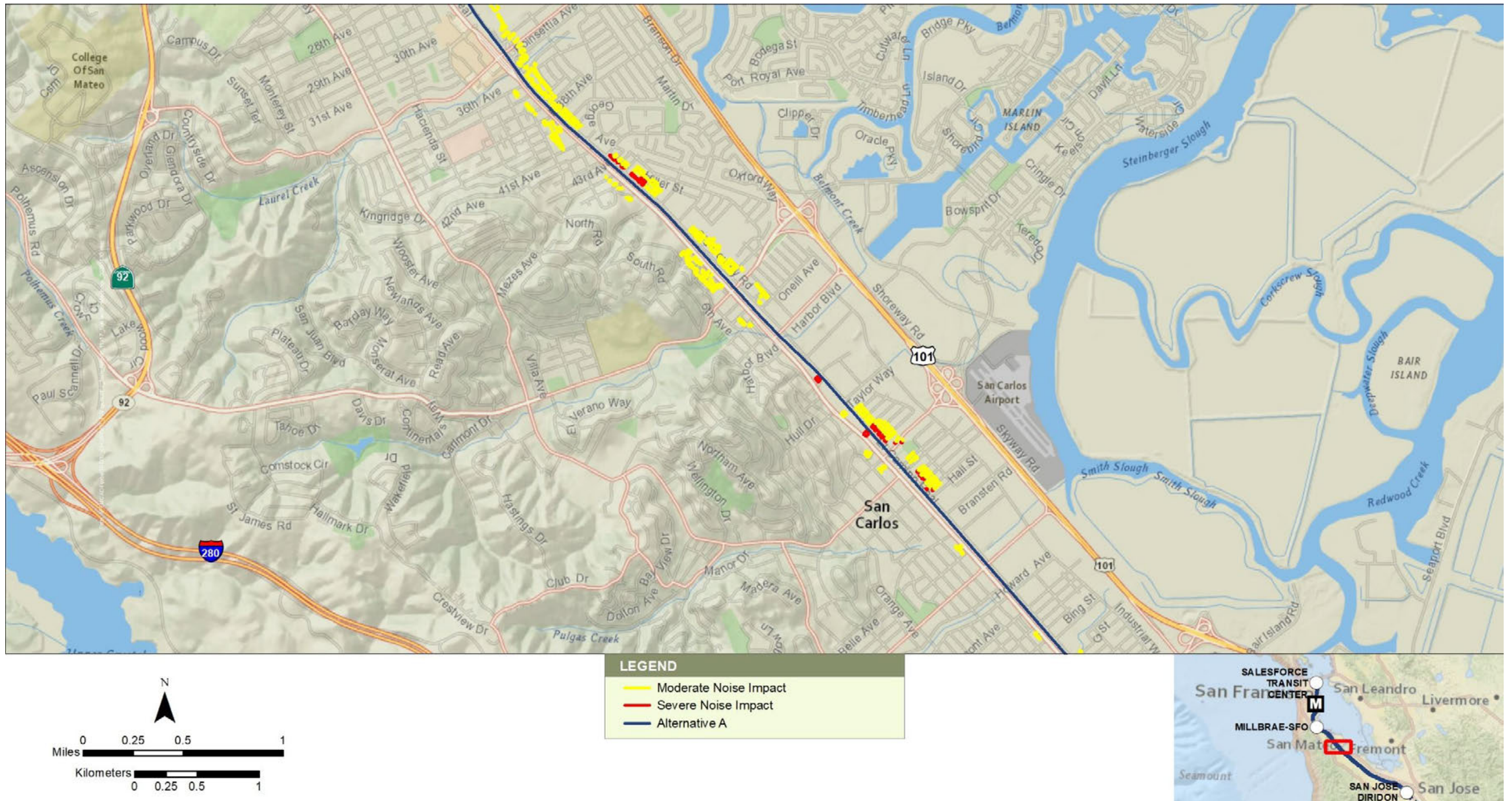


Figure C-25 2040 Plus Project Noise Impacts—Alternative A

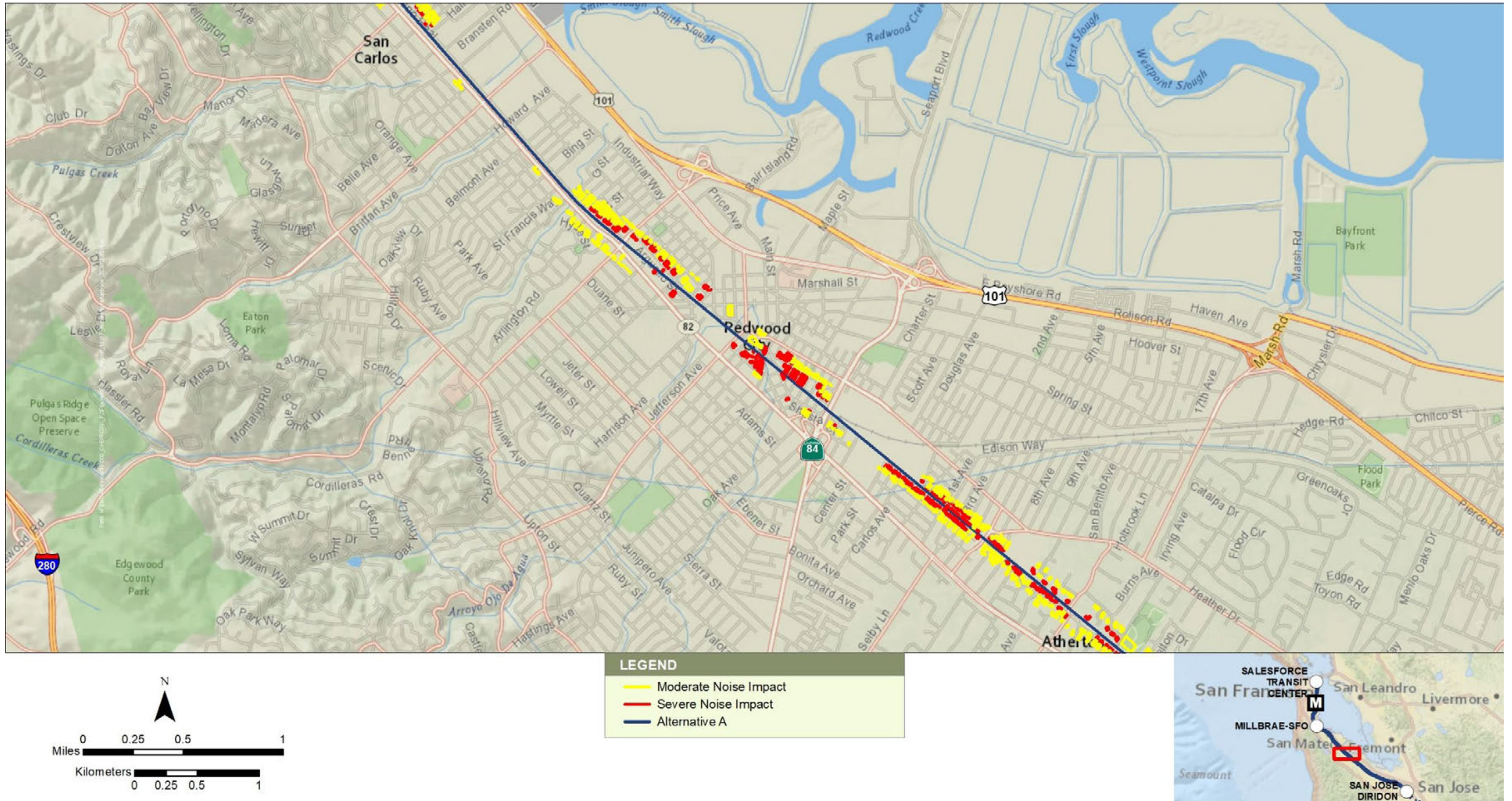


Figure C-26 2040 Plus Project Noise Impacts—Alternative A

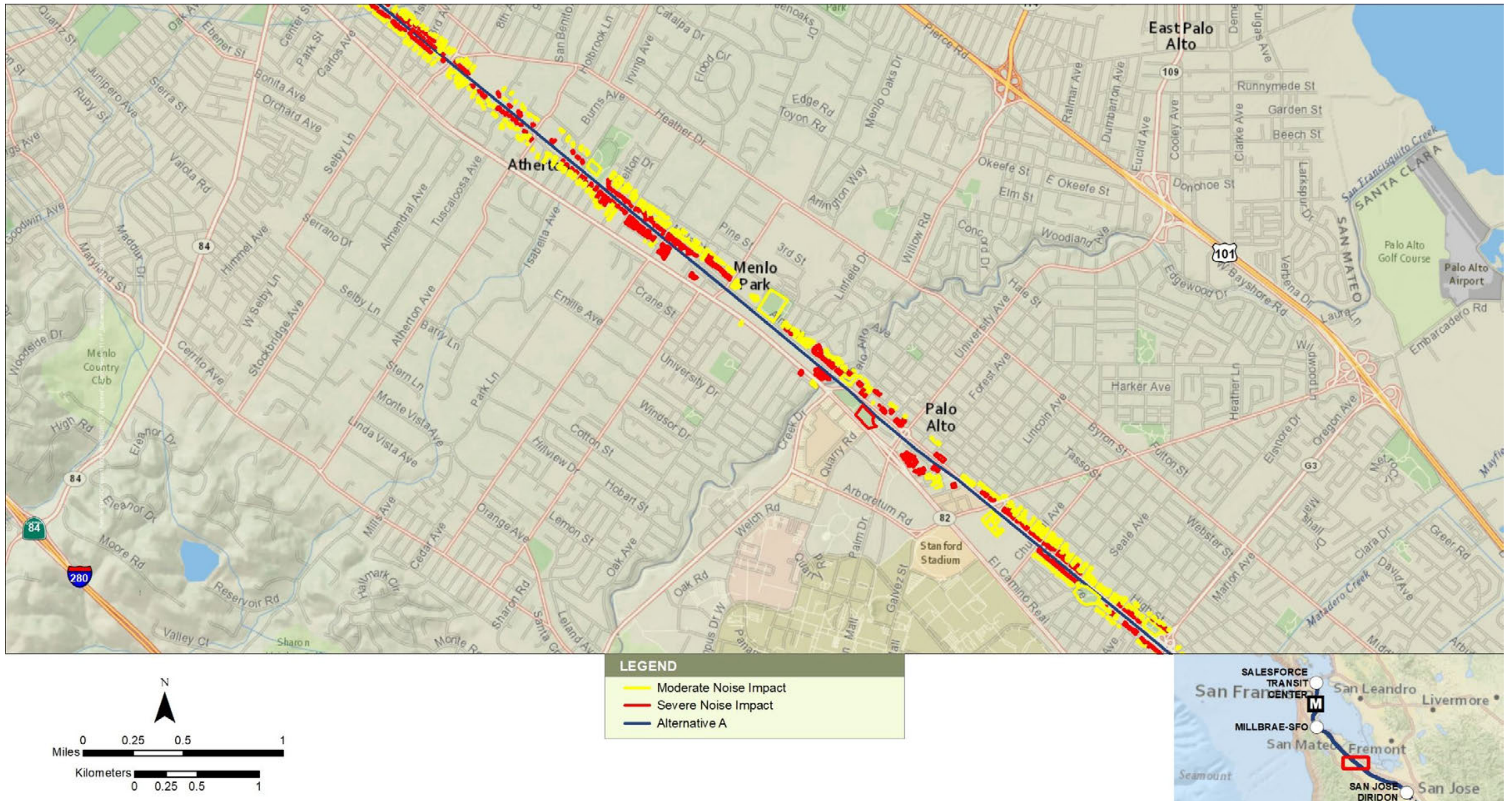


Figure C-27 2040 Plus Project Noise Impacts—Alternative A

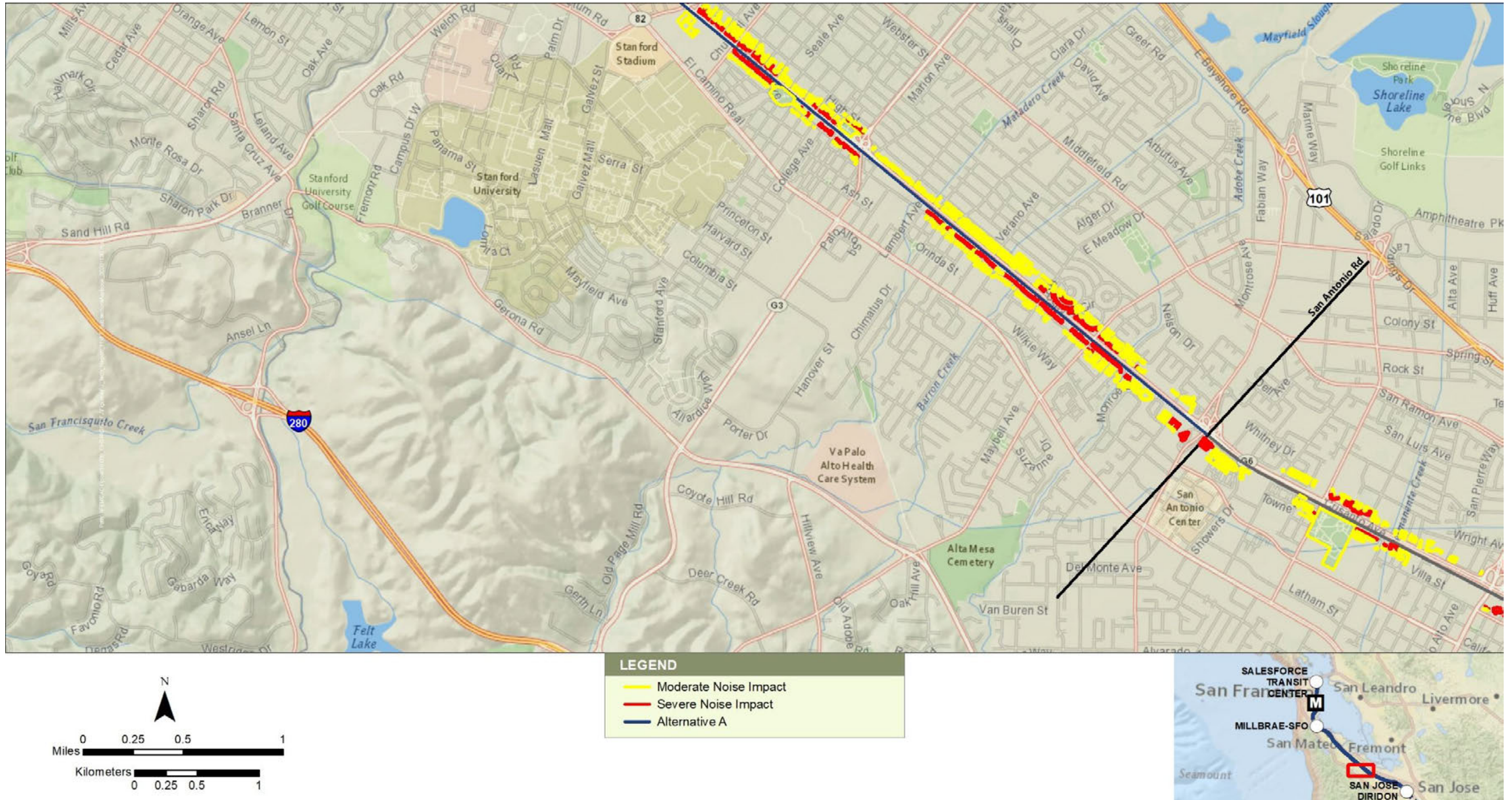


Figure C-28 2040 Plus Project Noise Impacts—Alternative A

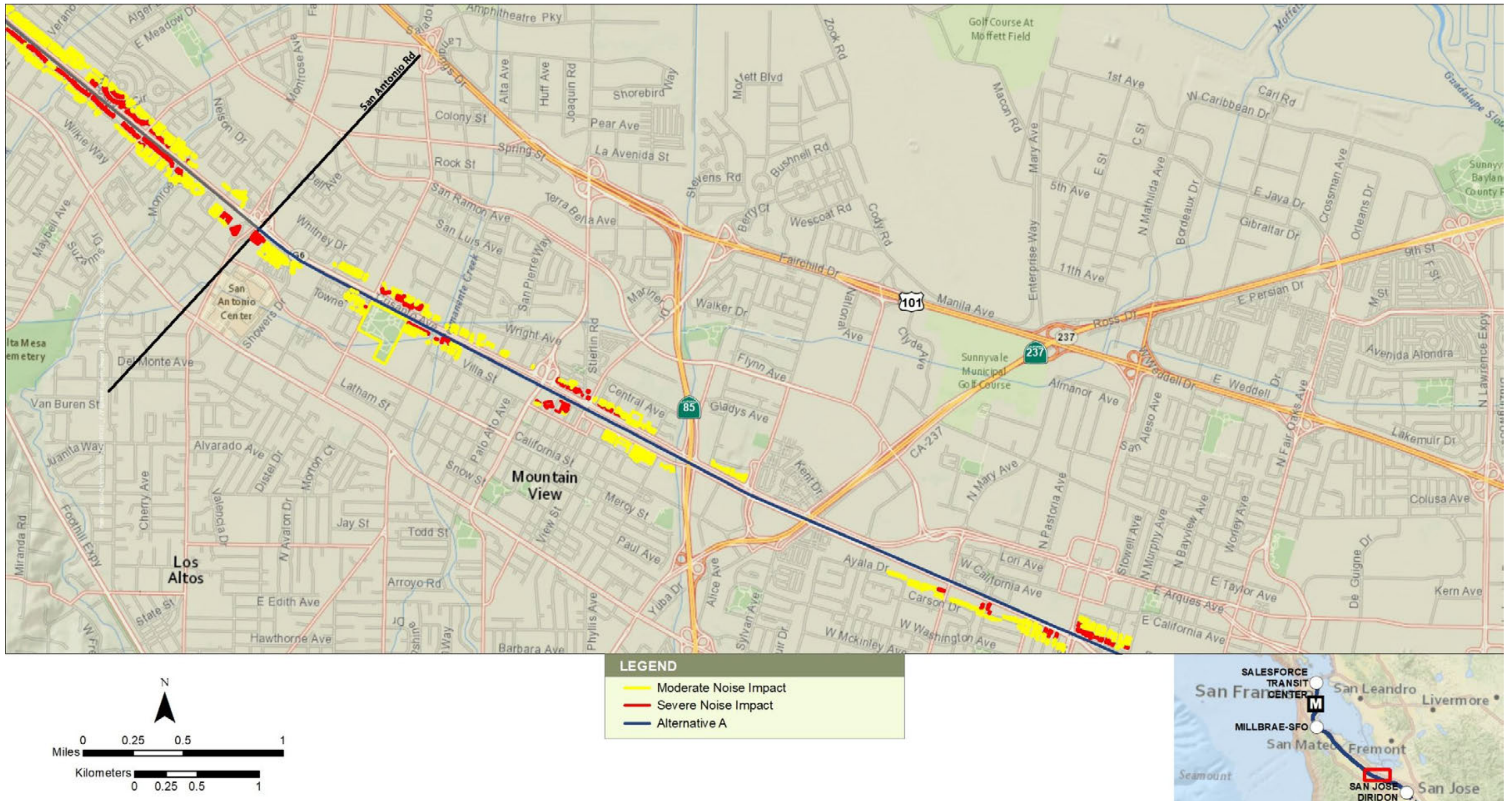


Figure C-29 2040 Plus Project Noise Impacts—Alternative A

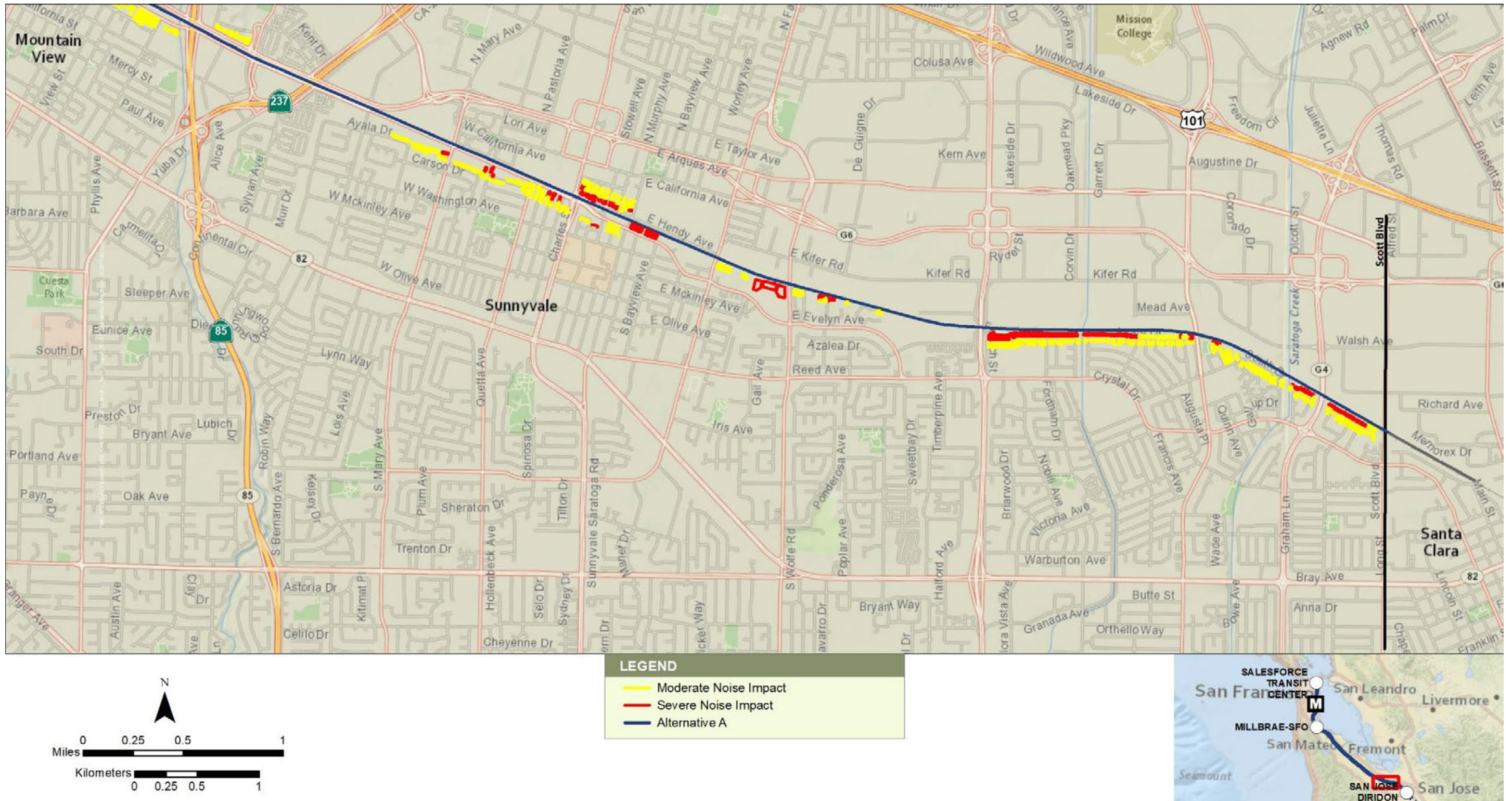


Figure C-30 2040 Plus Project Noise Impacts—Alternative A

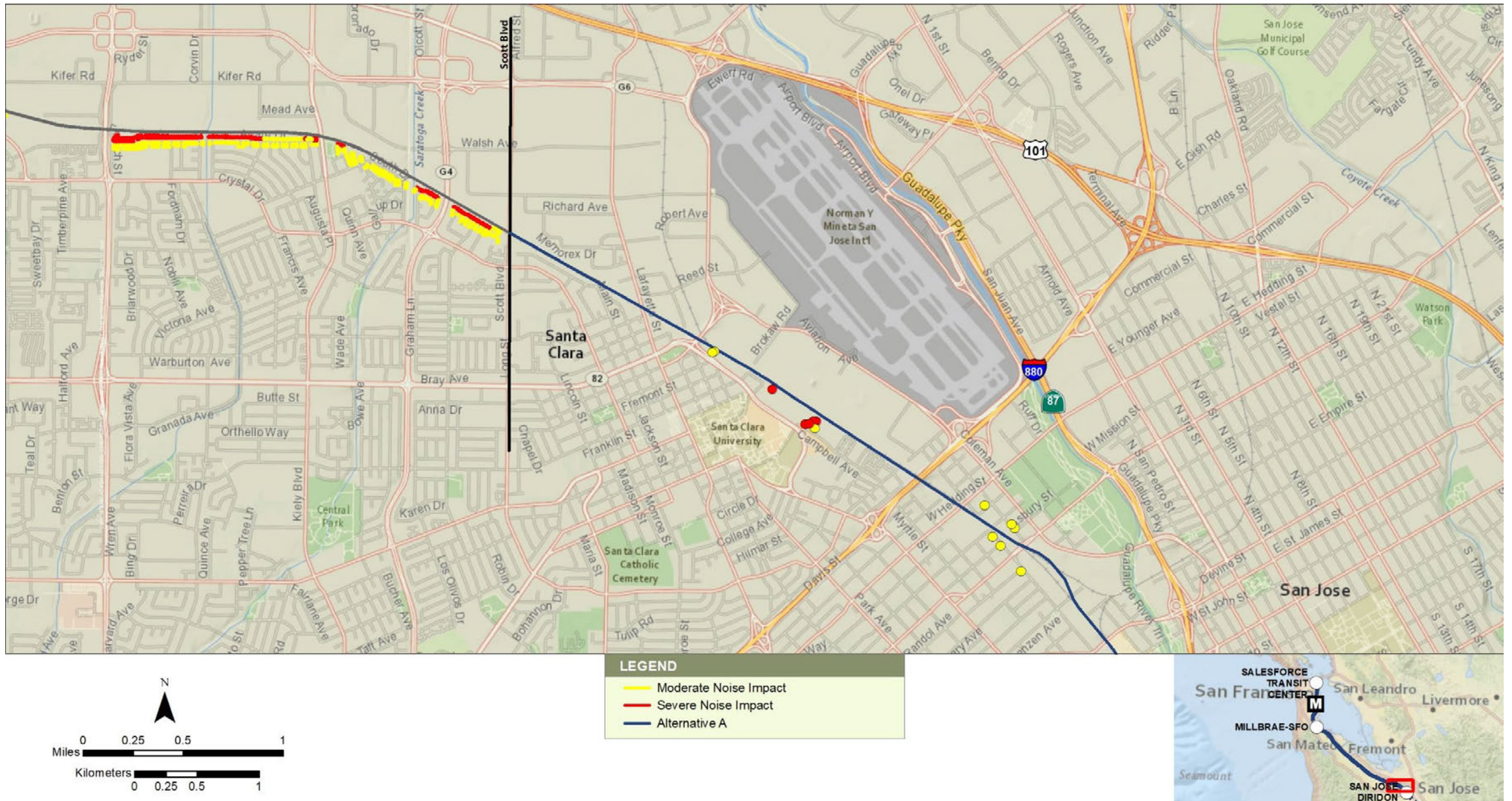


Figure C-31 2040 Plus Project Noise Impacts—Alternative A



Figure C-32 2040 Plus Project Noise Impacts—Alternative A



Figure C-33 2040 Plus Project Noise Impacts—Alternative B

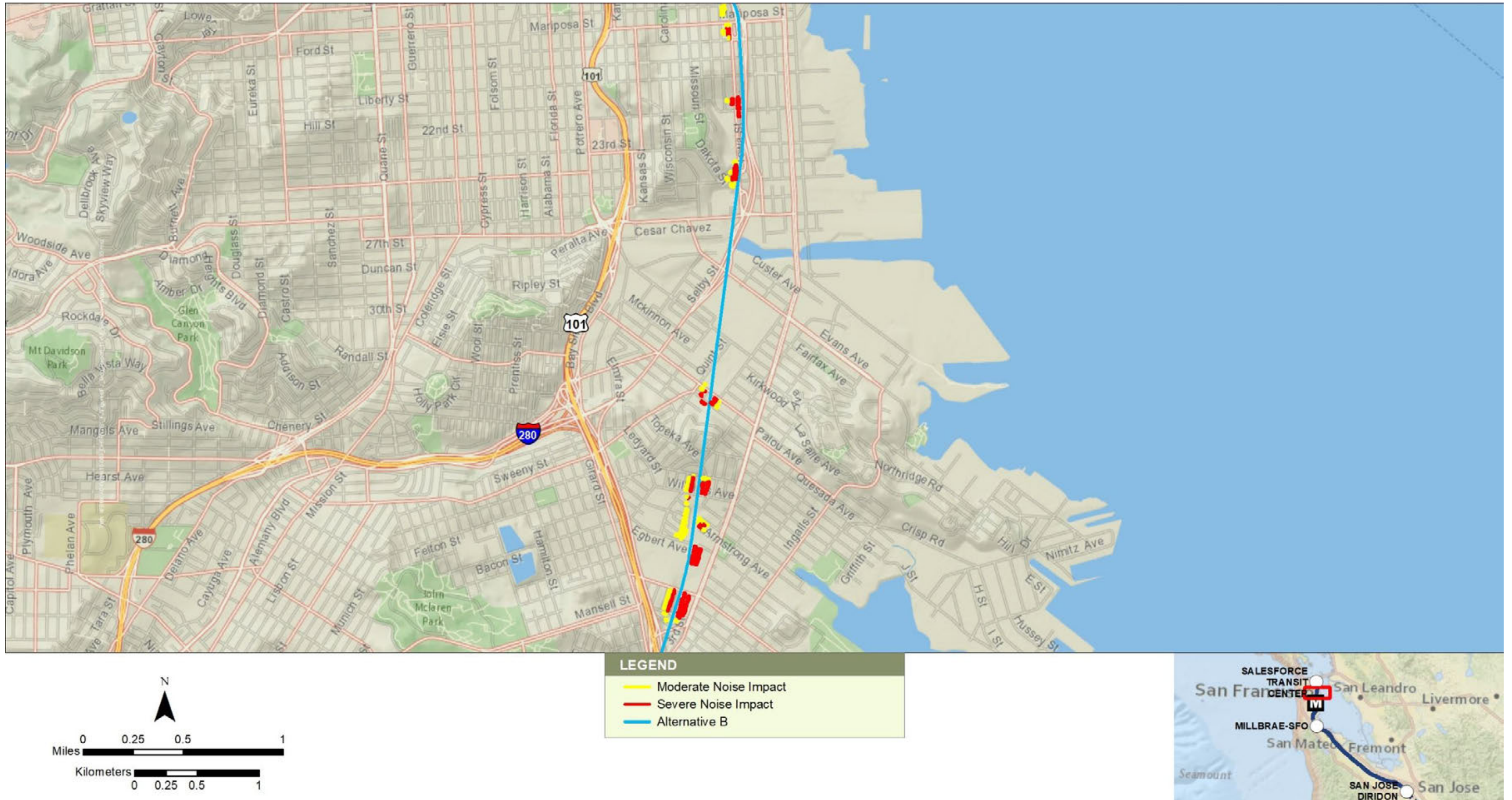


Figure C-34 2040 Plus Project Noise Impacts— Alternative B



Figure C-35 2040 Plus Project Noise Impacts— Alternative B

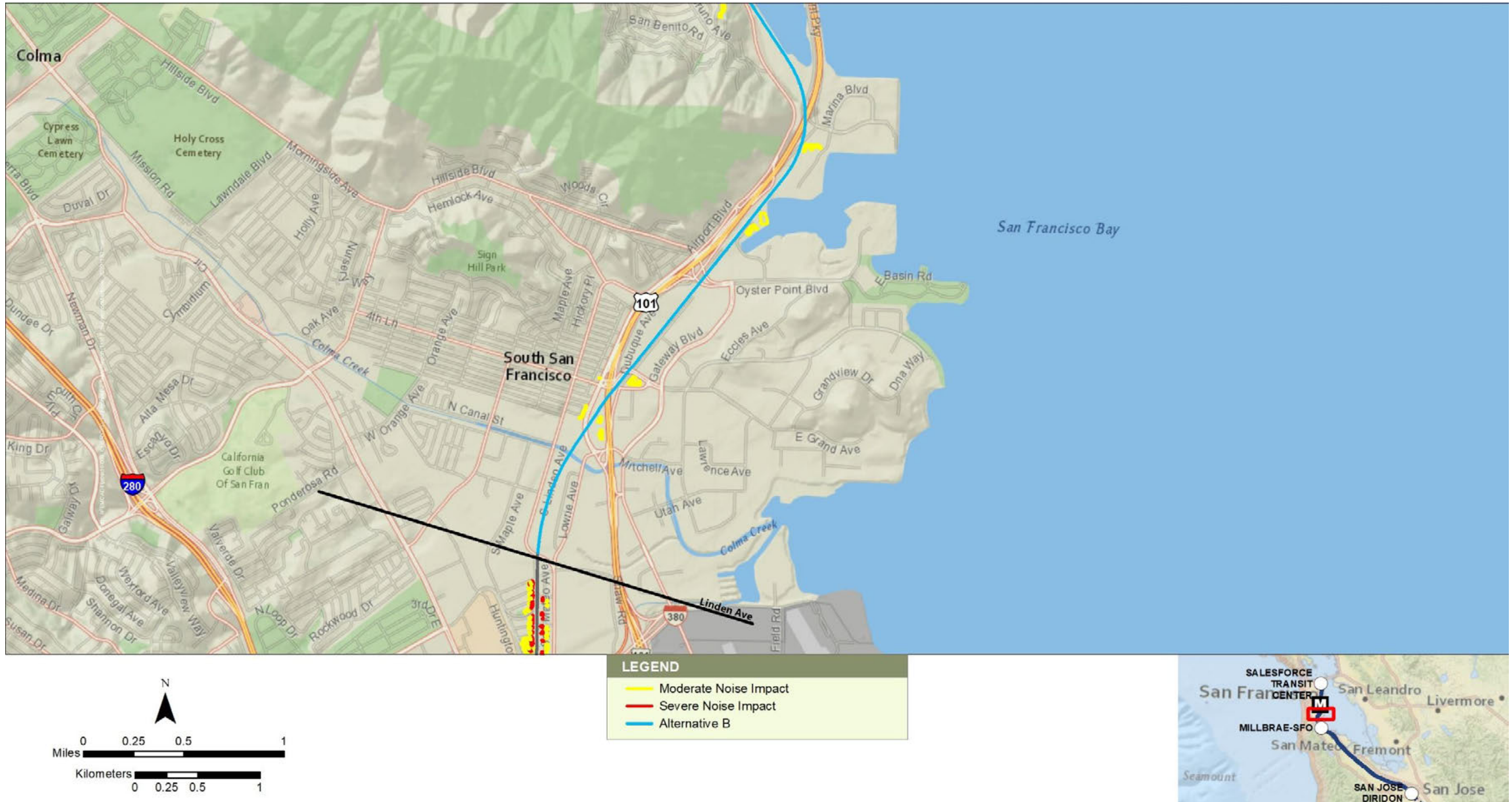


Figure C-36 2040 Plus Project Noise Impacts— Alternative B



Figure C-37 2040 Plus Project Noise Impacts— Alternative B

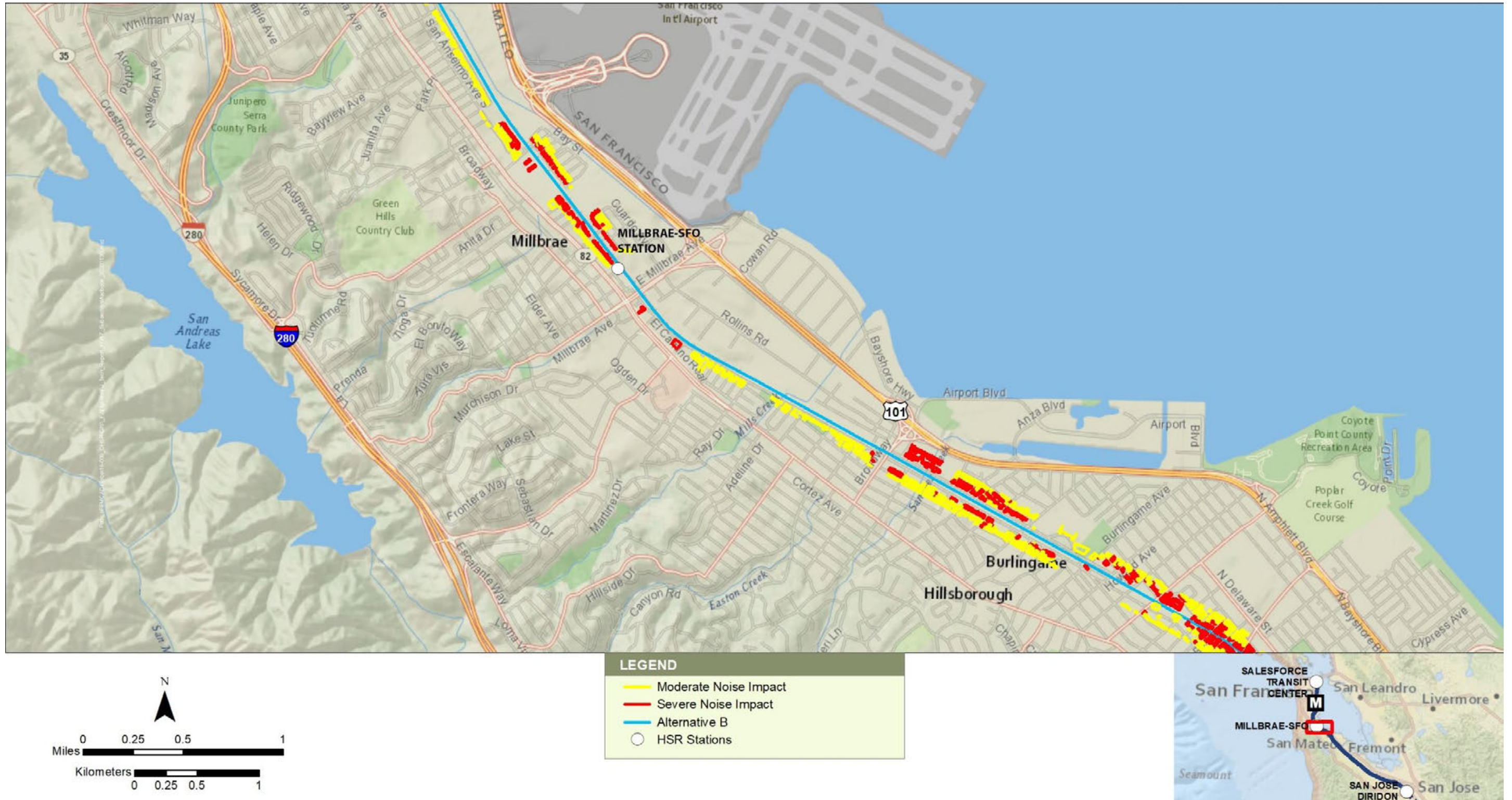


Figure C-38 2040 Plus Project Noise Impacts— Alternative B

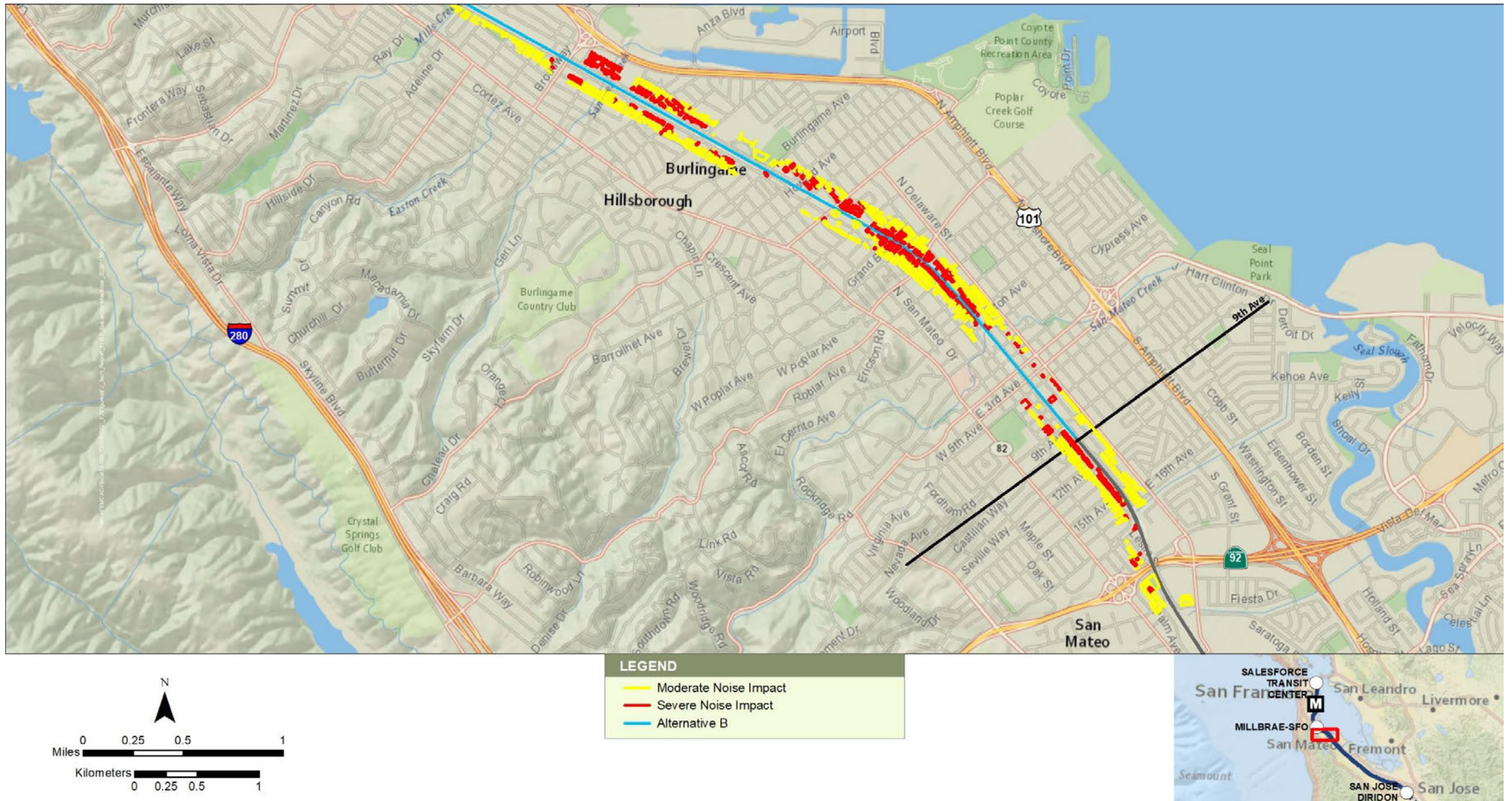


Figure C-39 2040 Plus Project Noise Impacts— Alternative B



Figure C-40 2040 Plus Project Noise Impacts— Alternative B

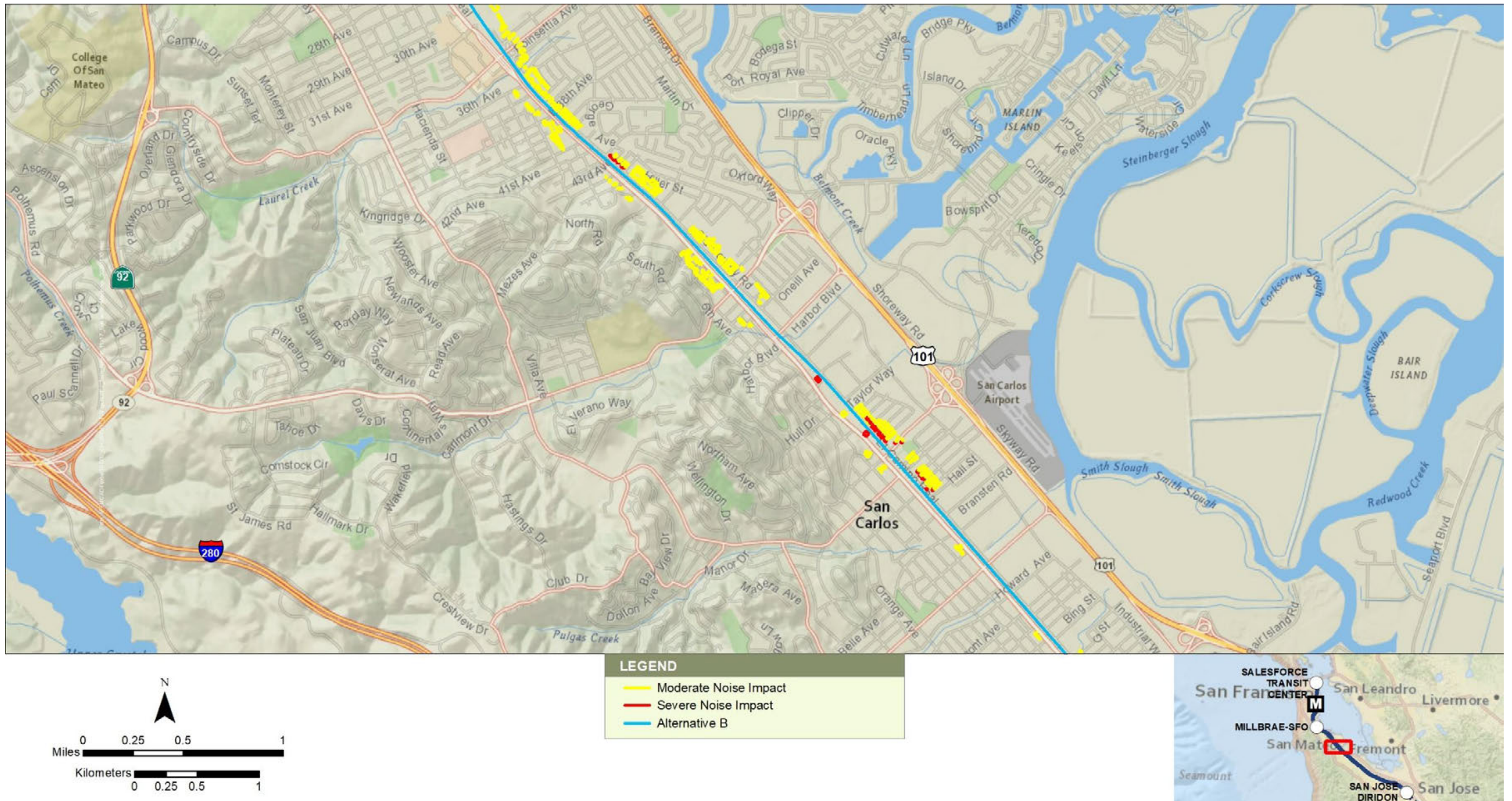


Figure C-41 2040 Plus Project Noise Impacts— Alternative B

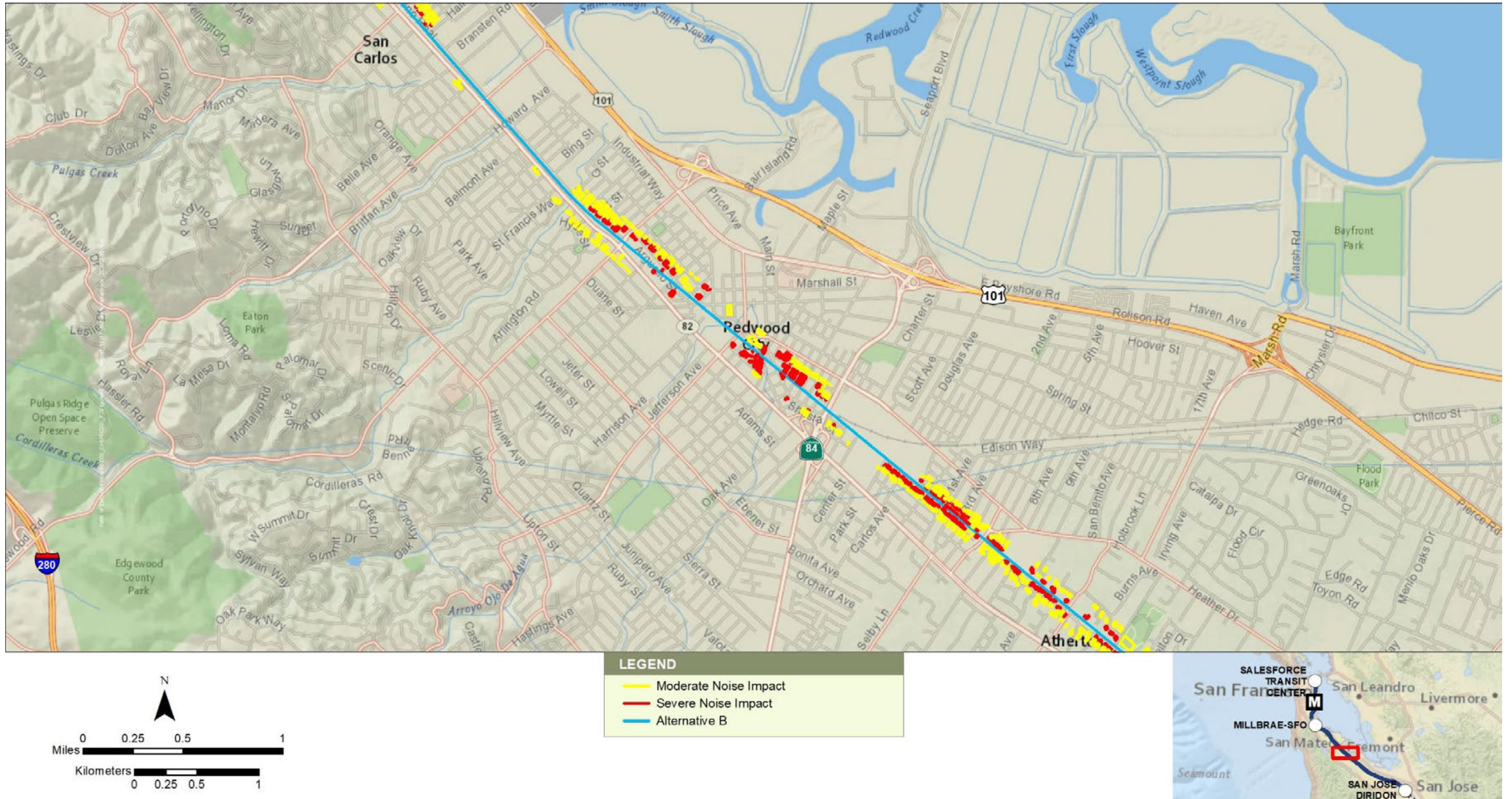


Figure C-42 2040 Plus Project Noise Impacts— Alternative B



Figure C-43 2040 Plus Project Noise Impacts— Alternative B

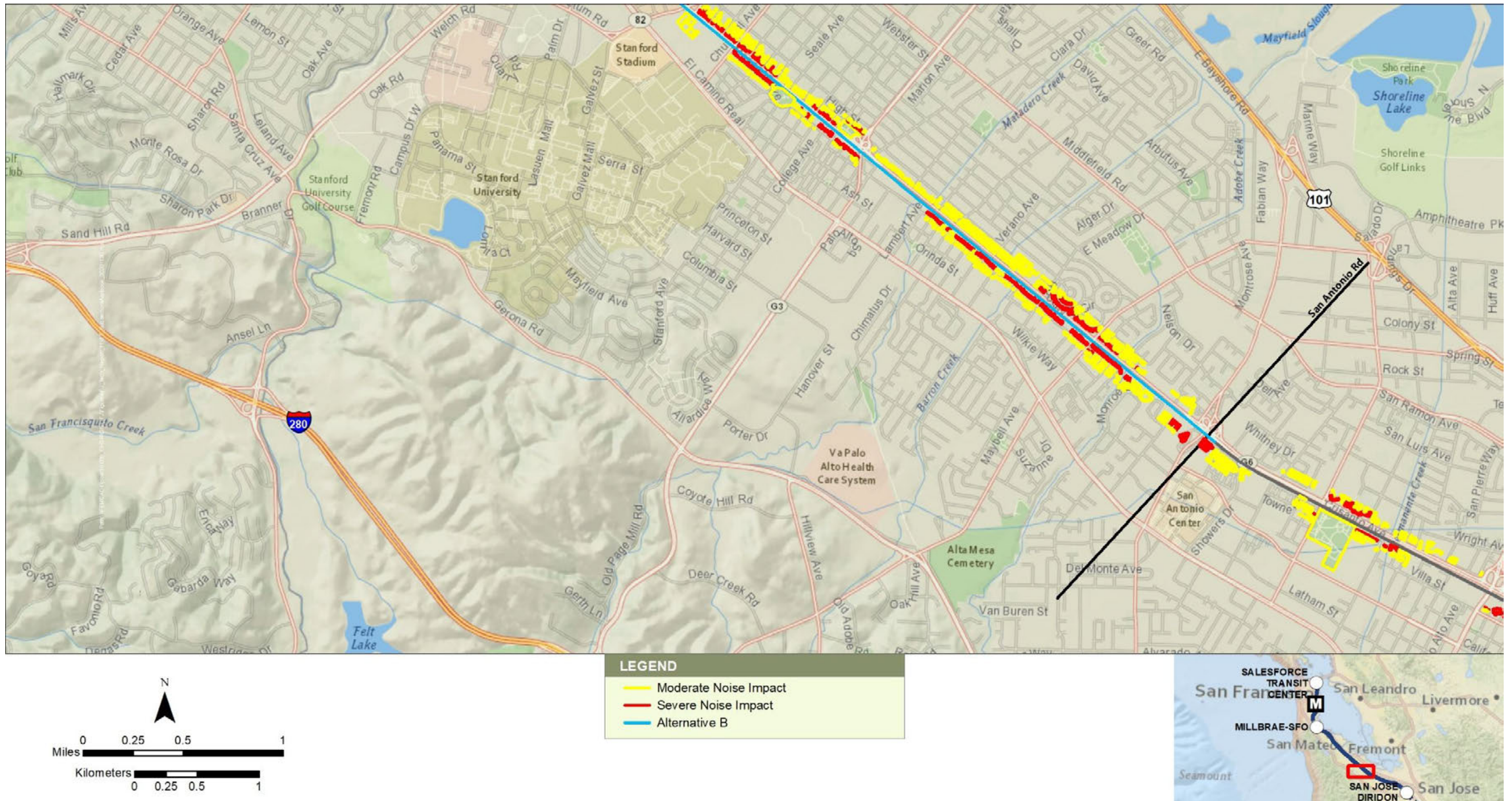


Figure C-44 2040 Plus Project Noise Impacts— Alternative B

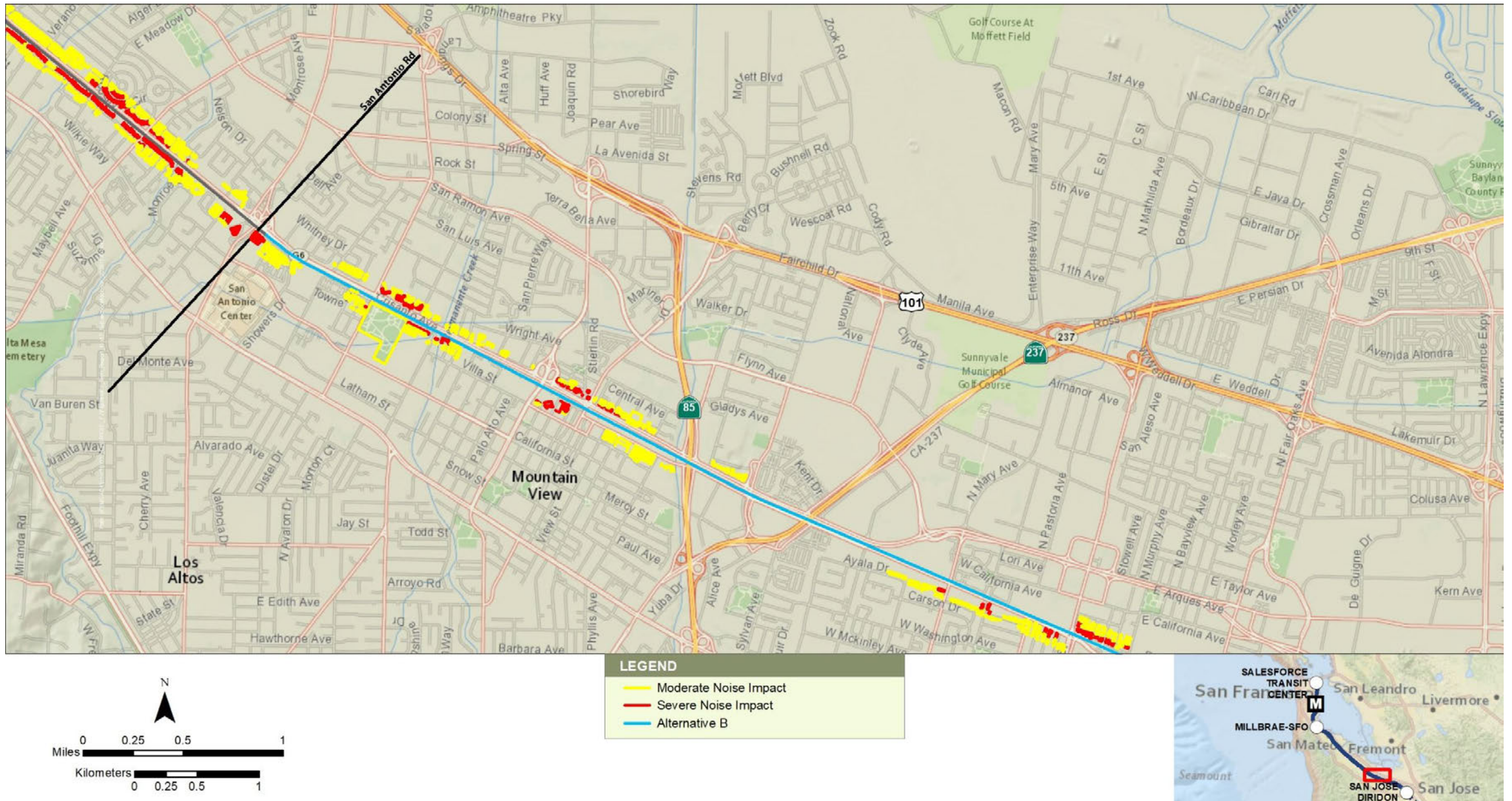


Figure C-45 2040 Plus Project Noise Impacts— Alternative B

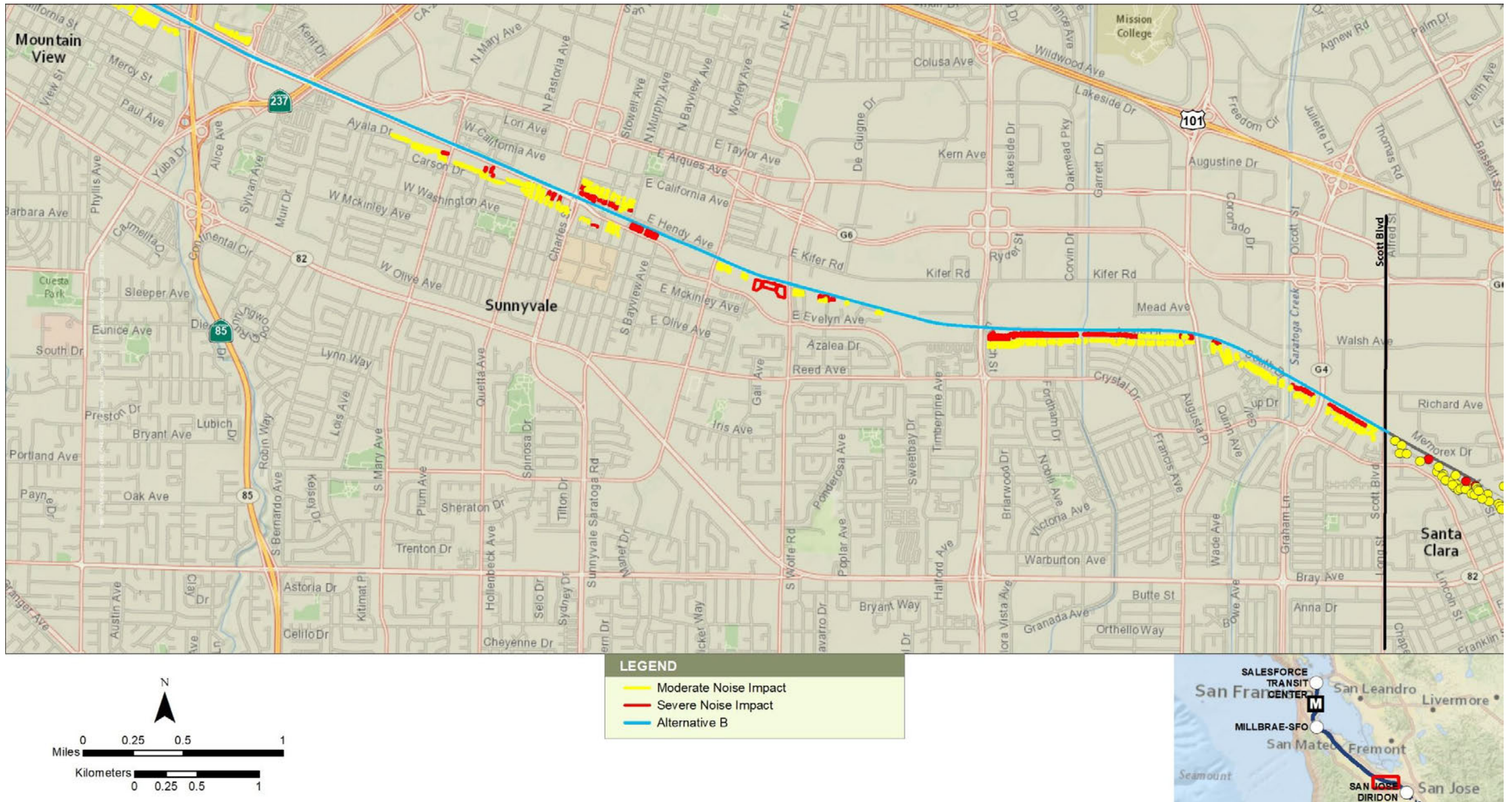


Figure C-46 2040 Plus Project Noise Impacts— Alternative B (Viaduct to I-880)



Figure C-47 2040 Plus Project Noise Impacts— Alternative B (Viaduct to I-880)



Figure C-48 2040 Plus Project Noise Impacts— Alternative B (Viaduct to I-880)

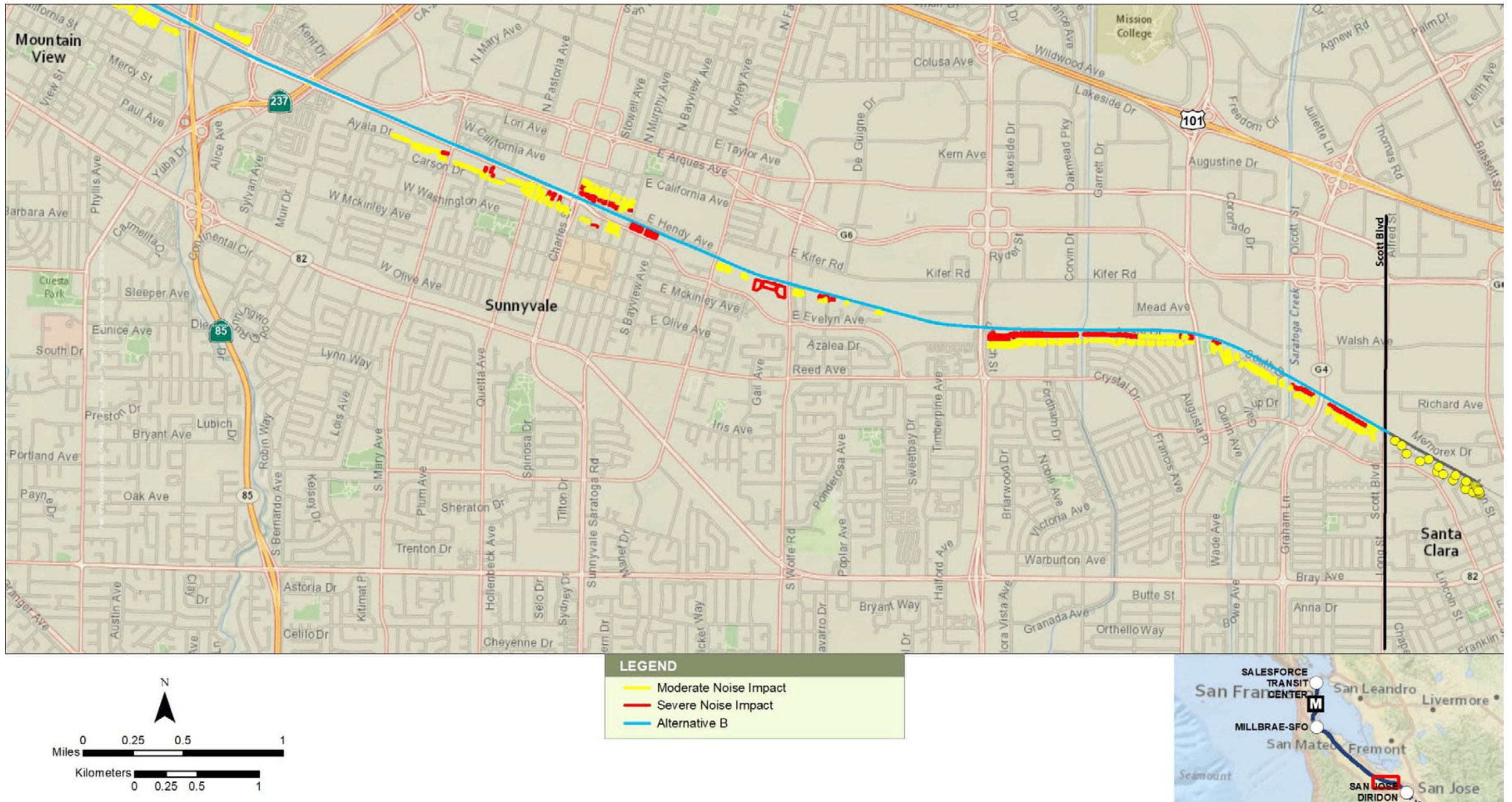


Figure C-49 2040 Plus Project Noise Impacts— Alternative B (Viaduct to Scott Boulevard)

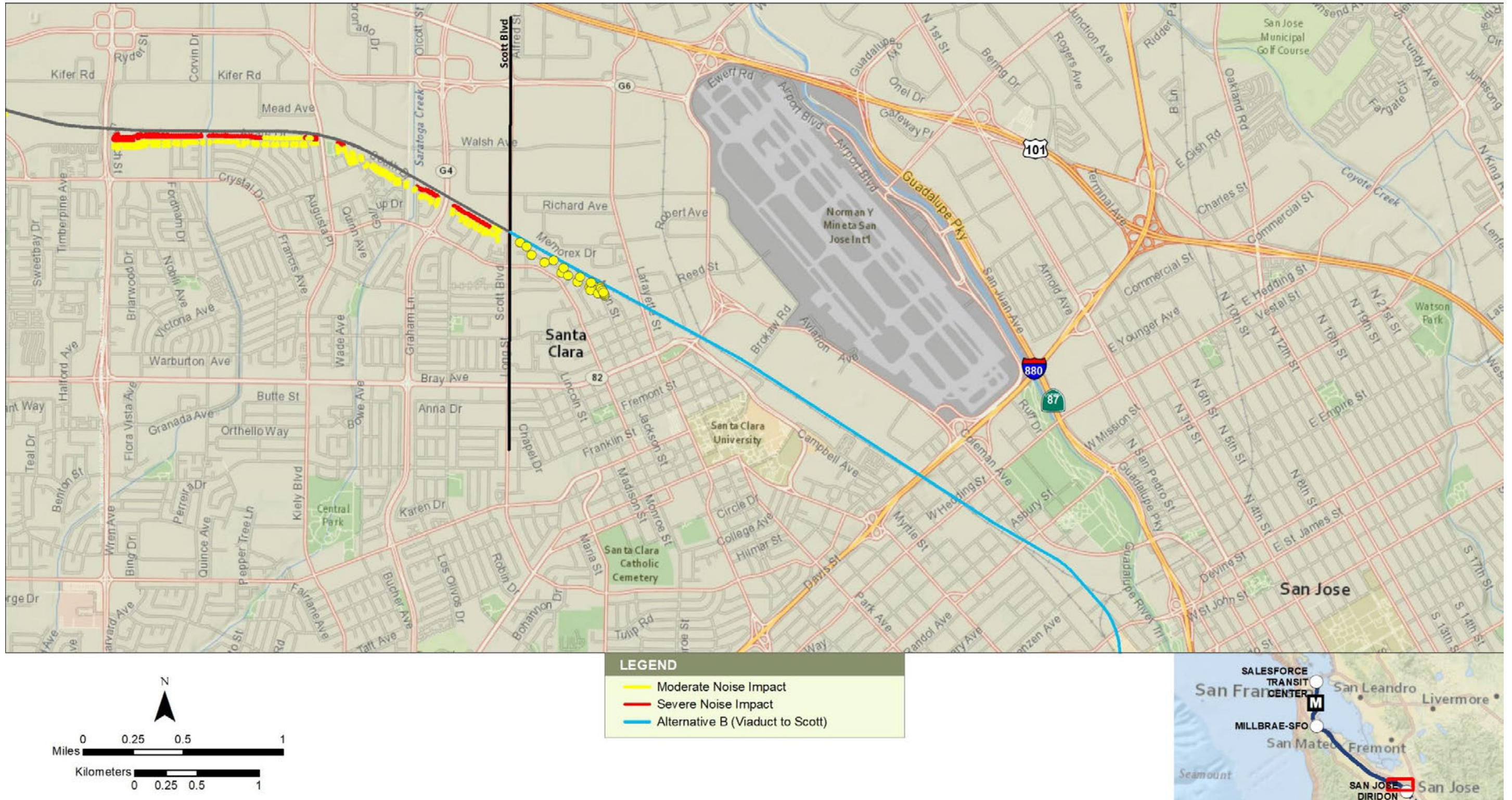


Figure C-50 2040 Plus Project Noise Impacts—Alternative B (Viaduct to Scott Boulevard)

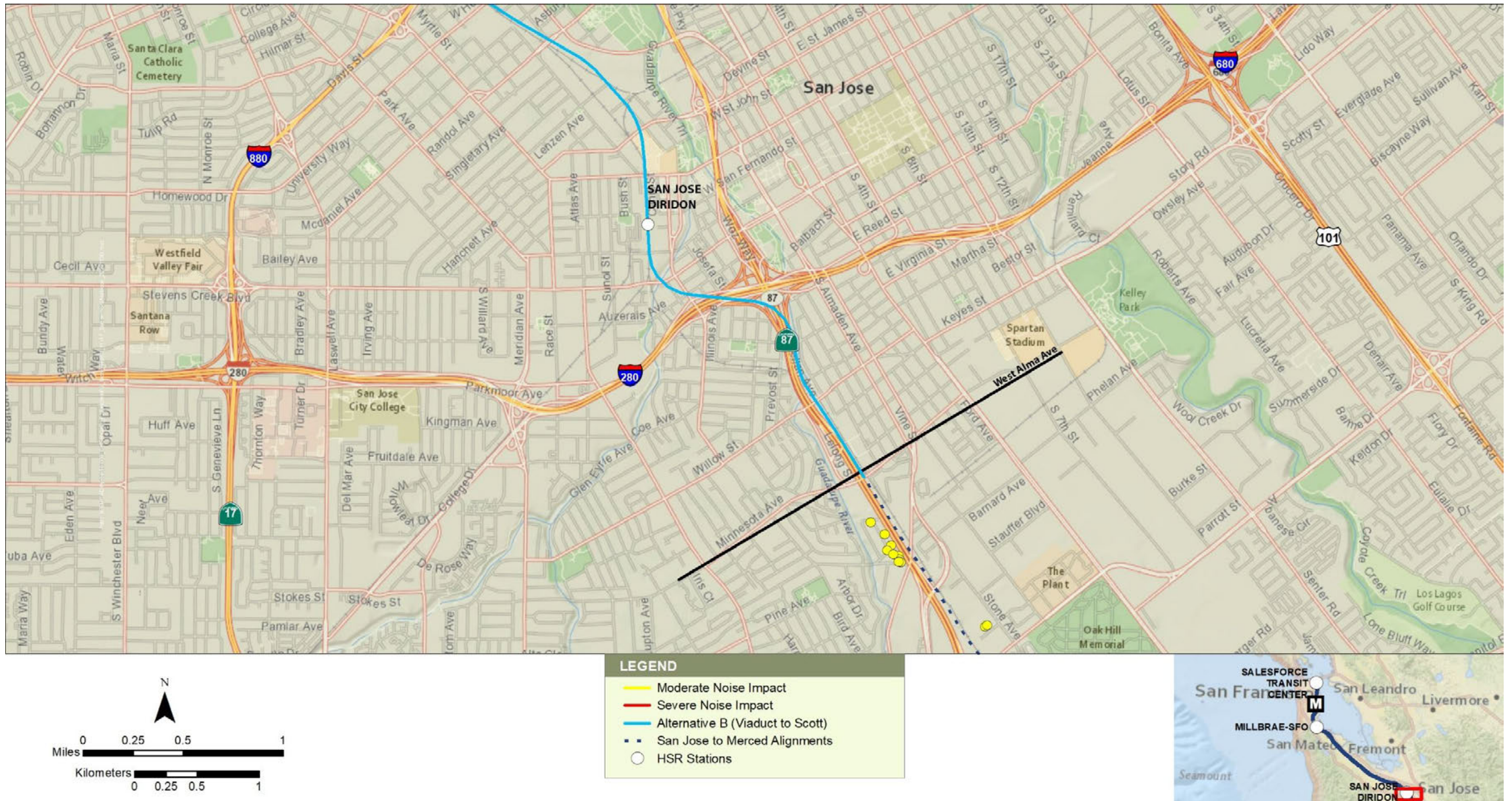


Figure C-51 2040 Plus Project Noise Impacts—Alternative B (Viaduct to Scott Boulevard)

2040 PLUS PROJECT PROPOSED NOISE BARRIERS AND RESIDUAL NOISE IMPACTS



Figure C-52 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

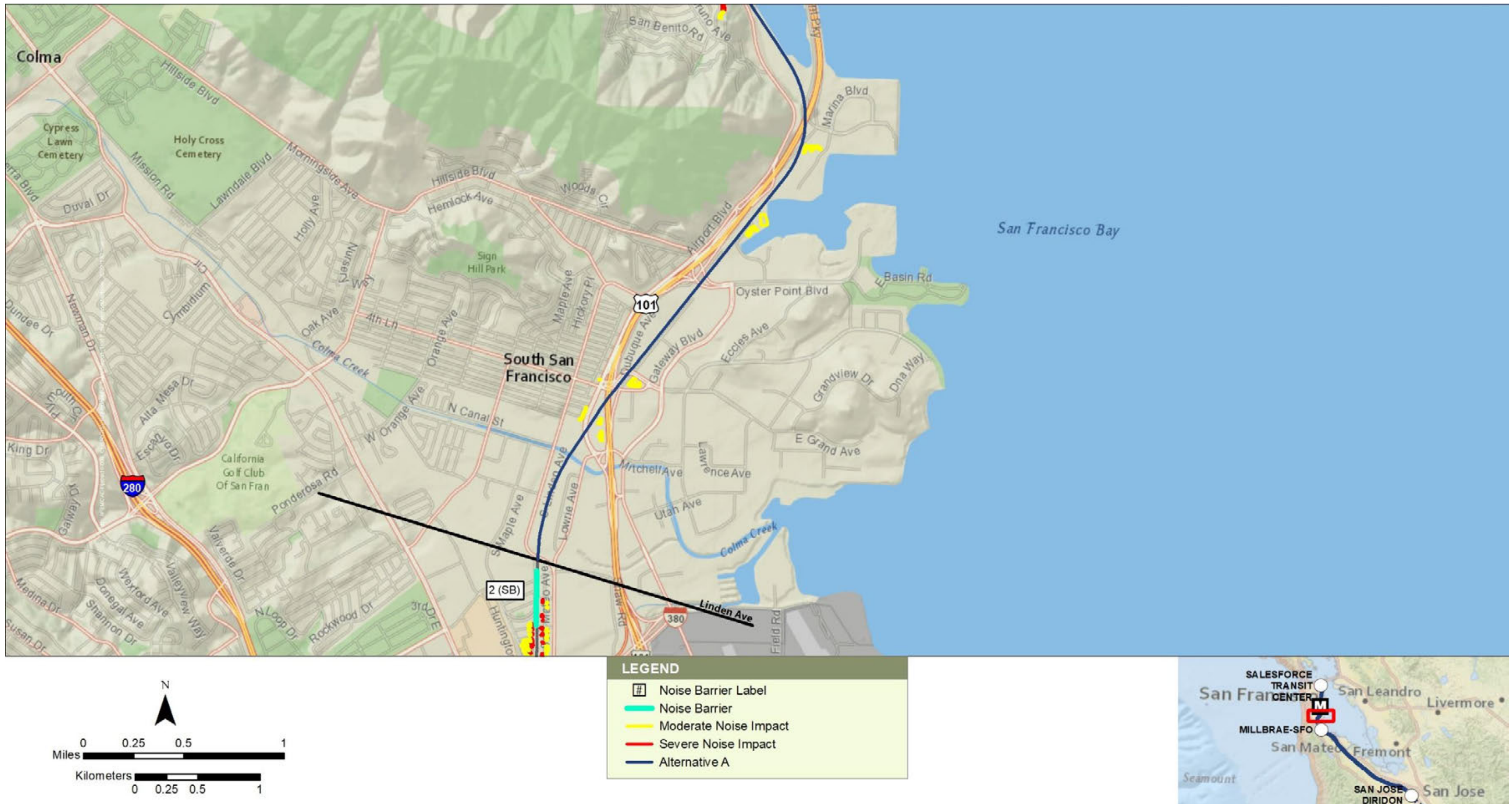


Figure C-53 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A



Figure C-54 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

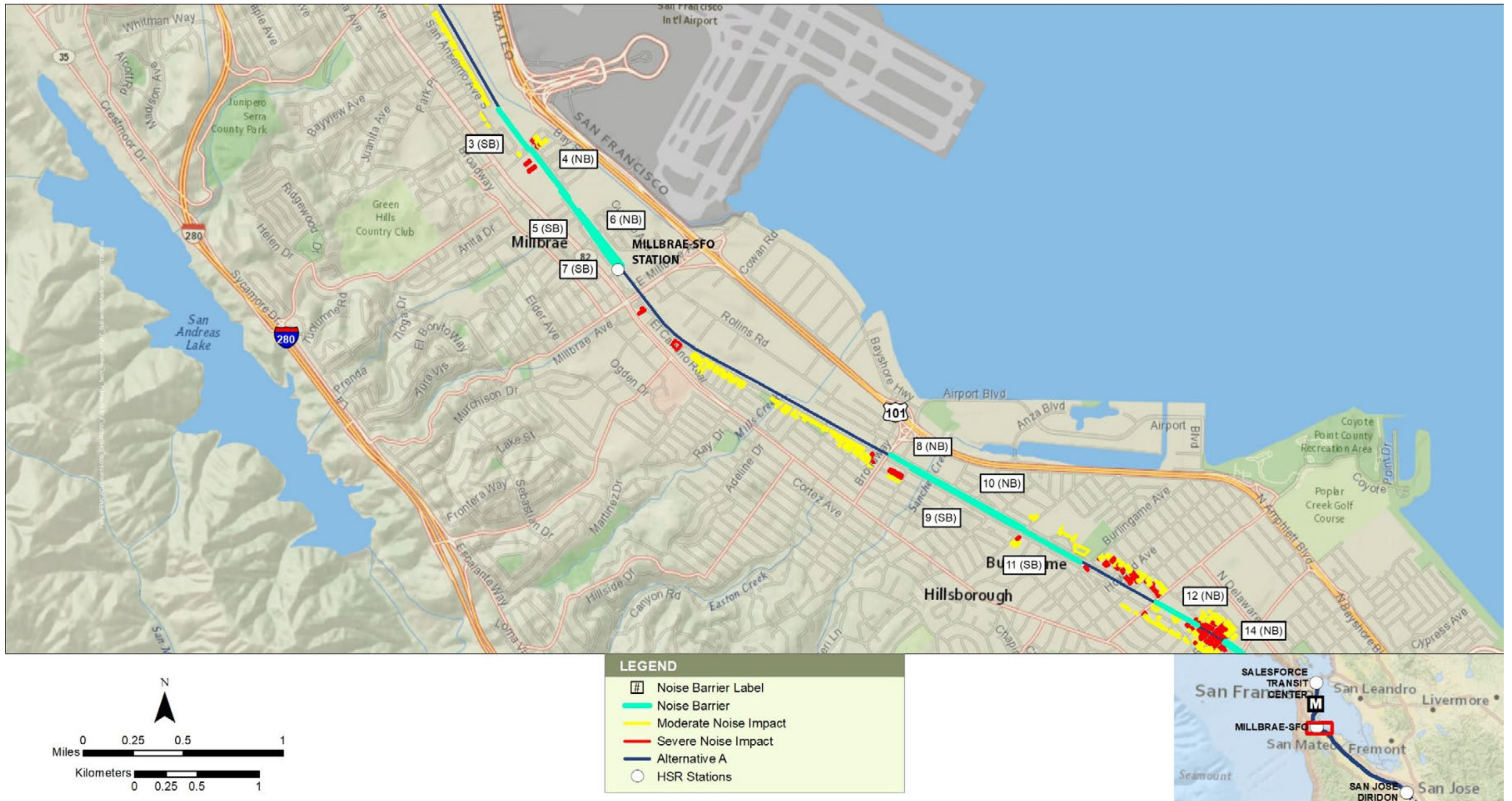


Figure C-55 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

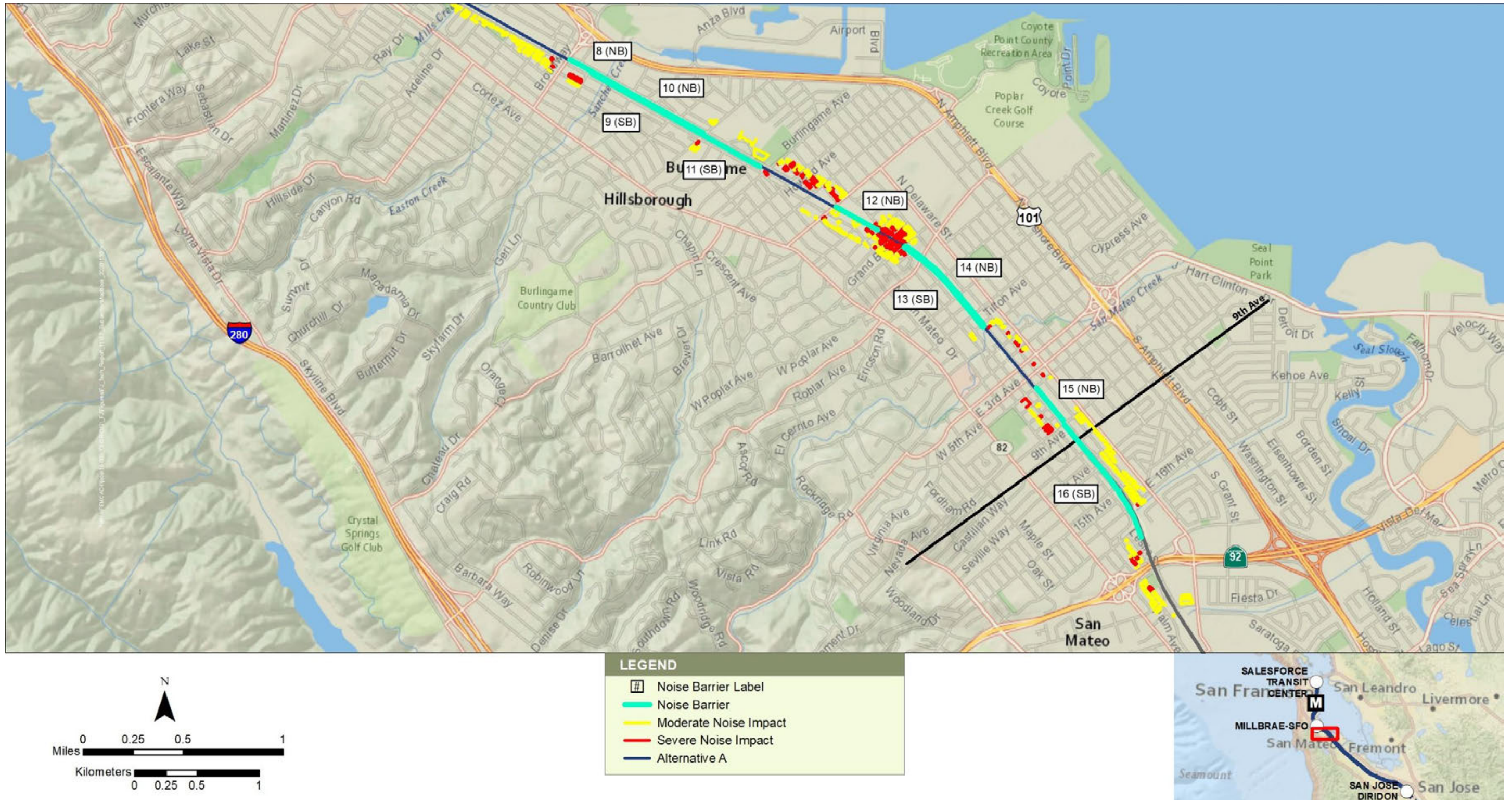


Figure C-56 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

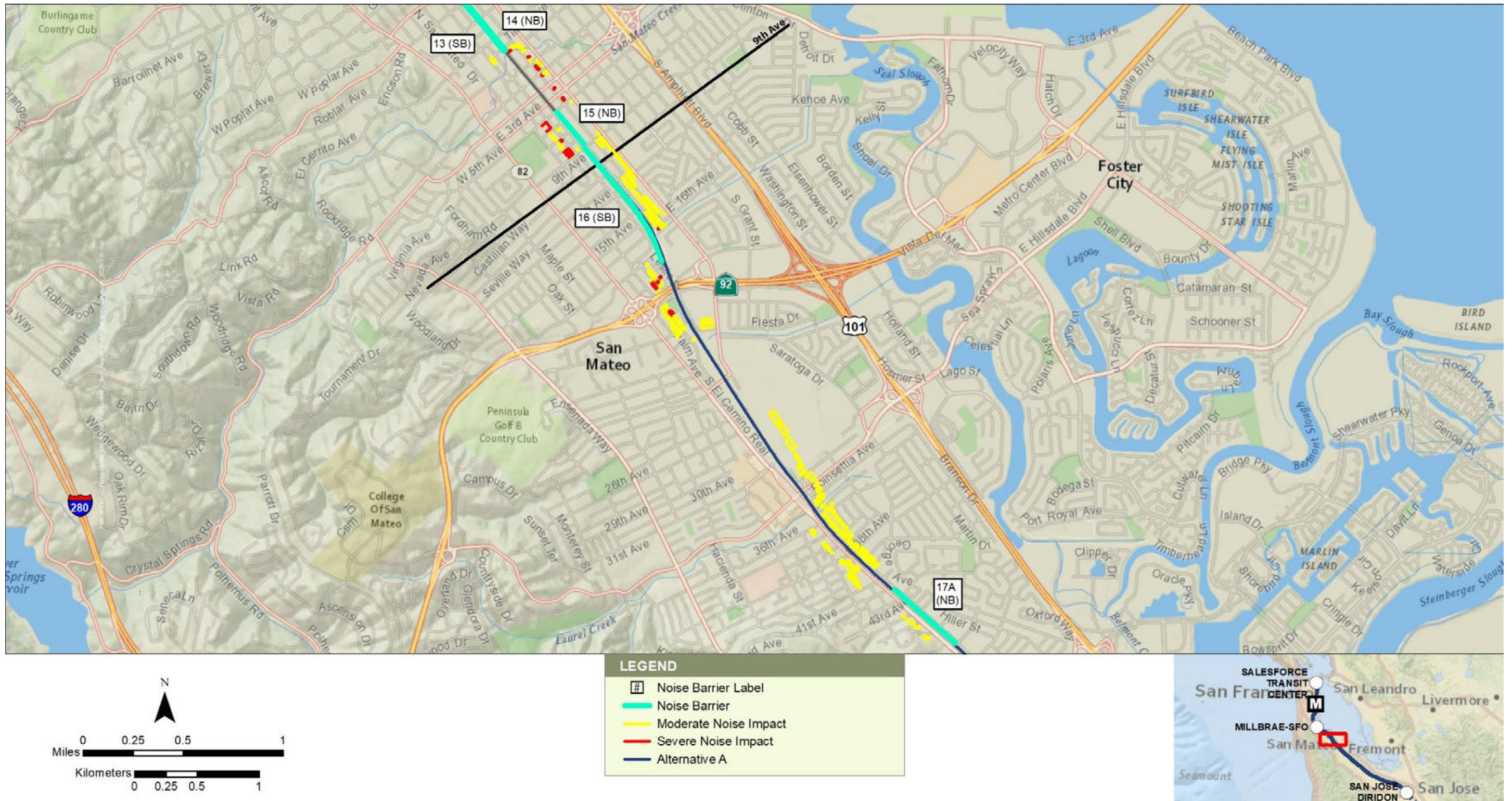


Figure C-57 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

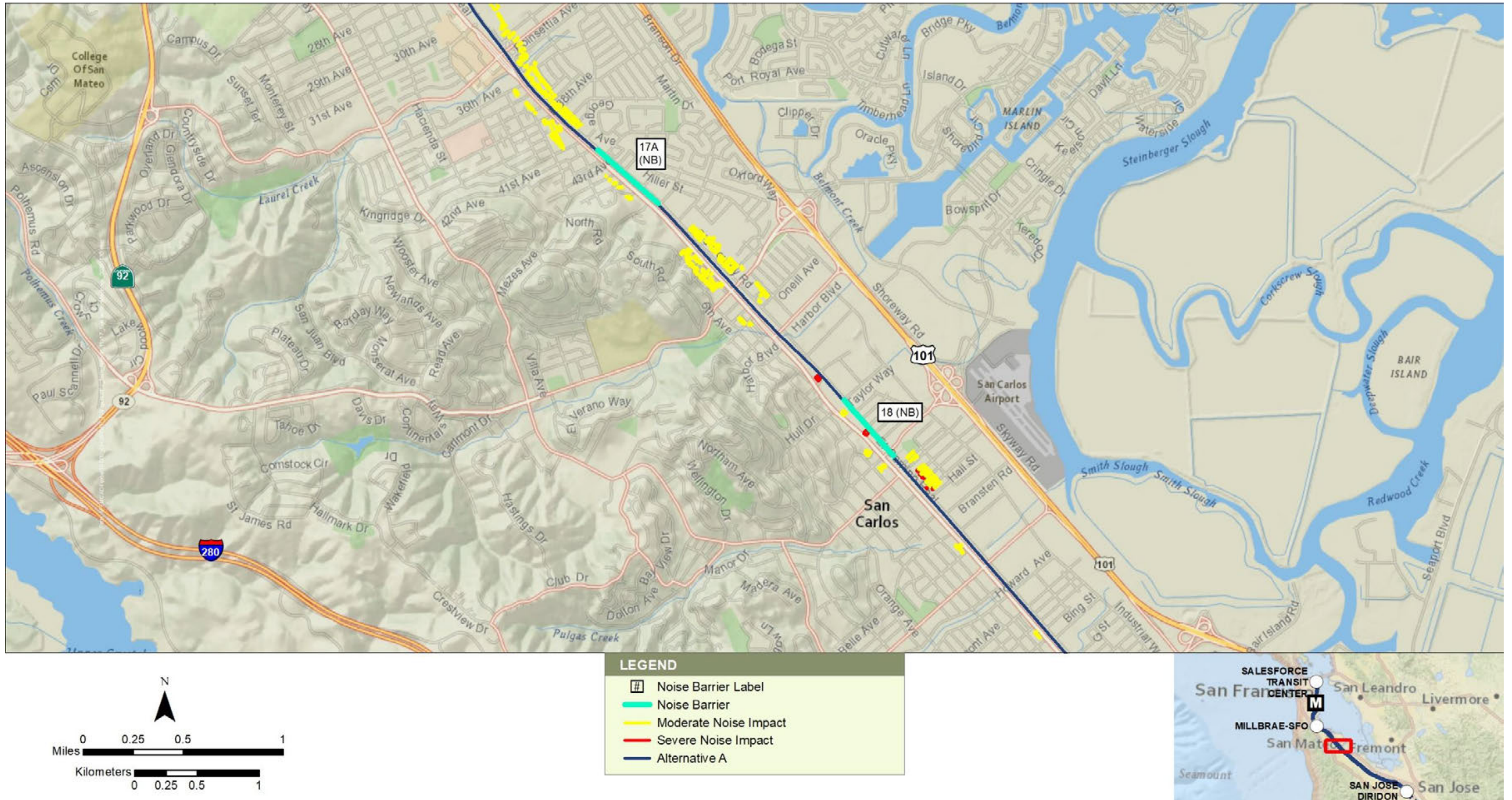


Figure C-58 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

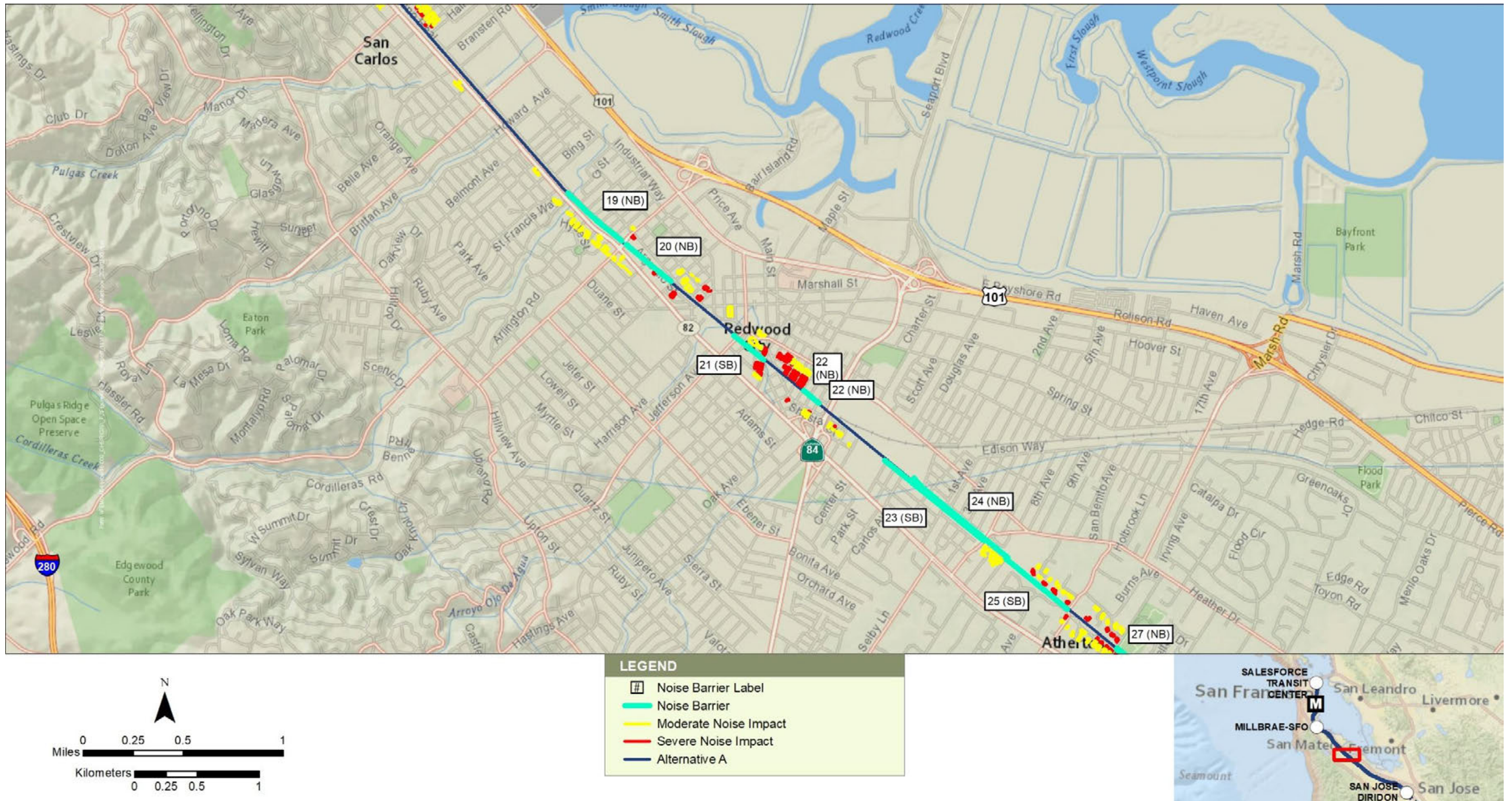


Figure C-59 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A



Figure C-60 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

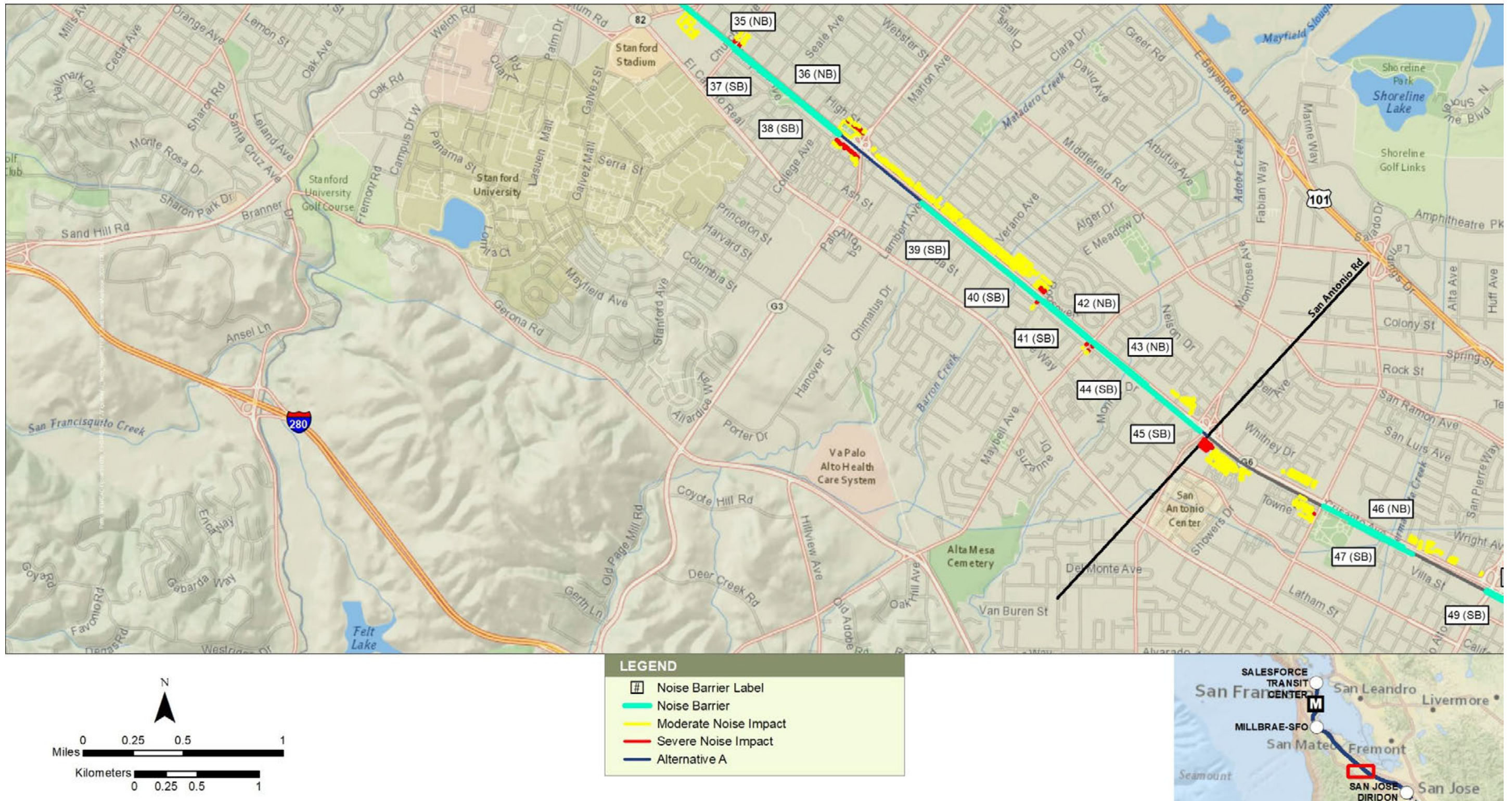


Figure C-61 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A



Figure C-62 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

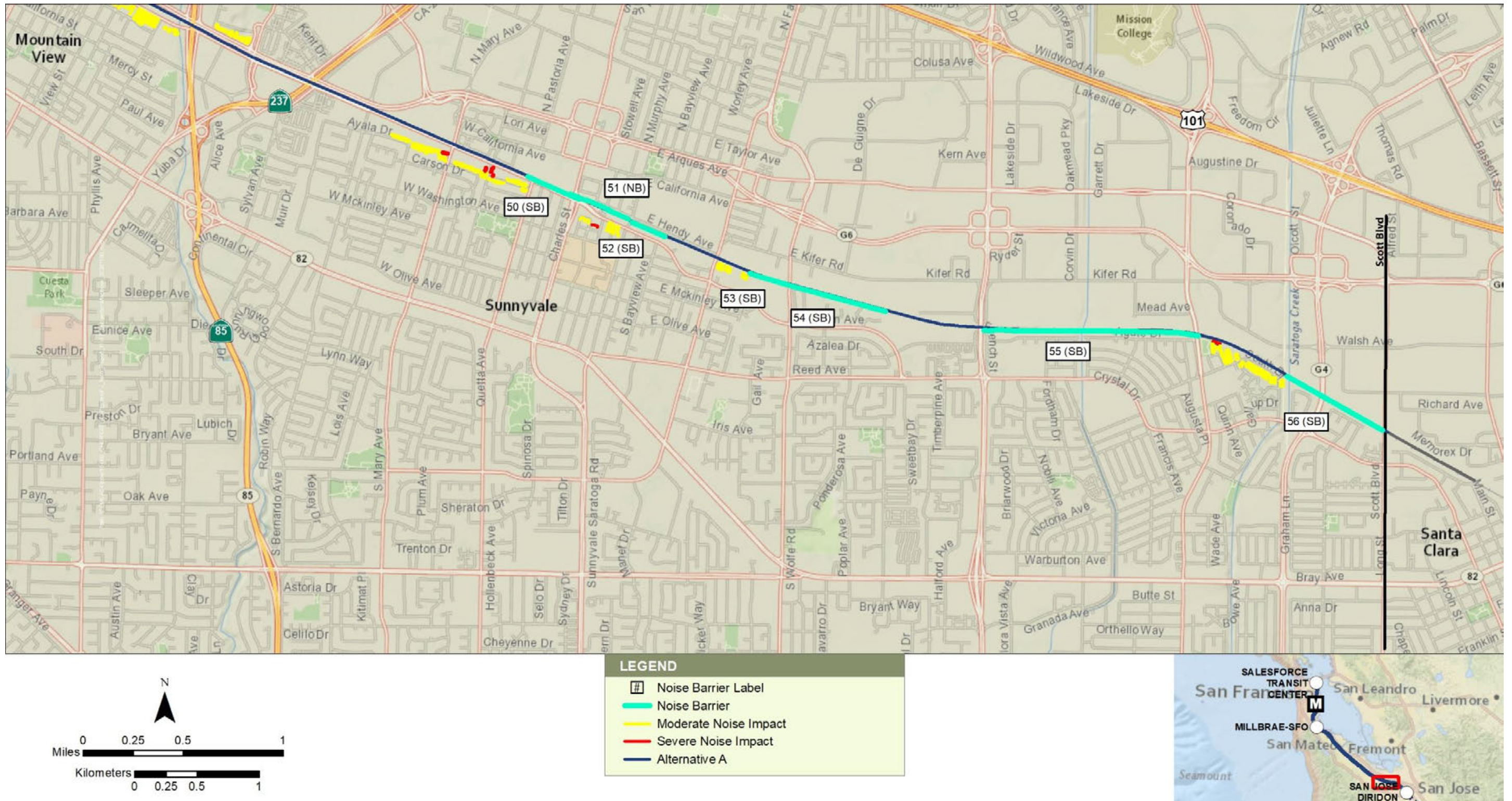


Figure C-63 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A

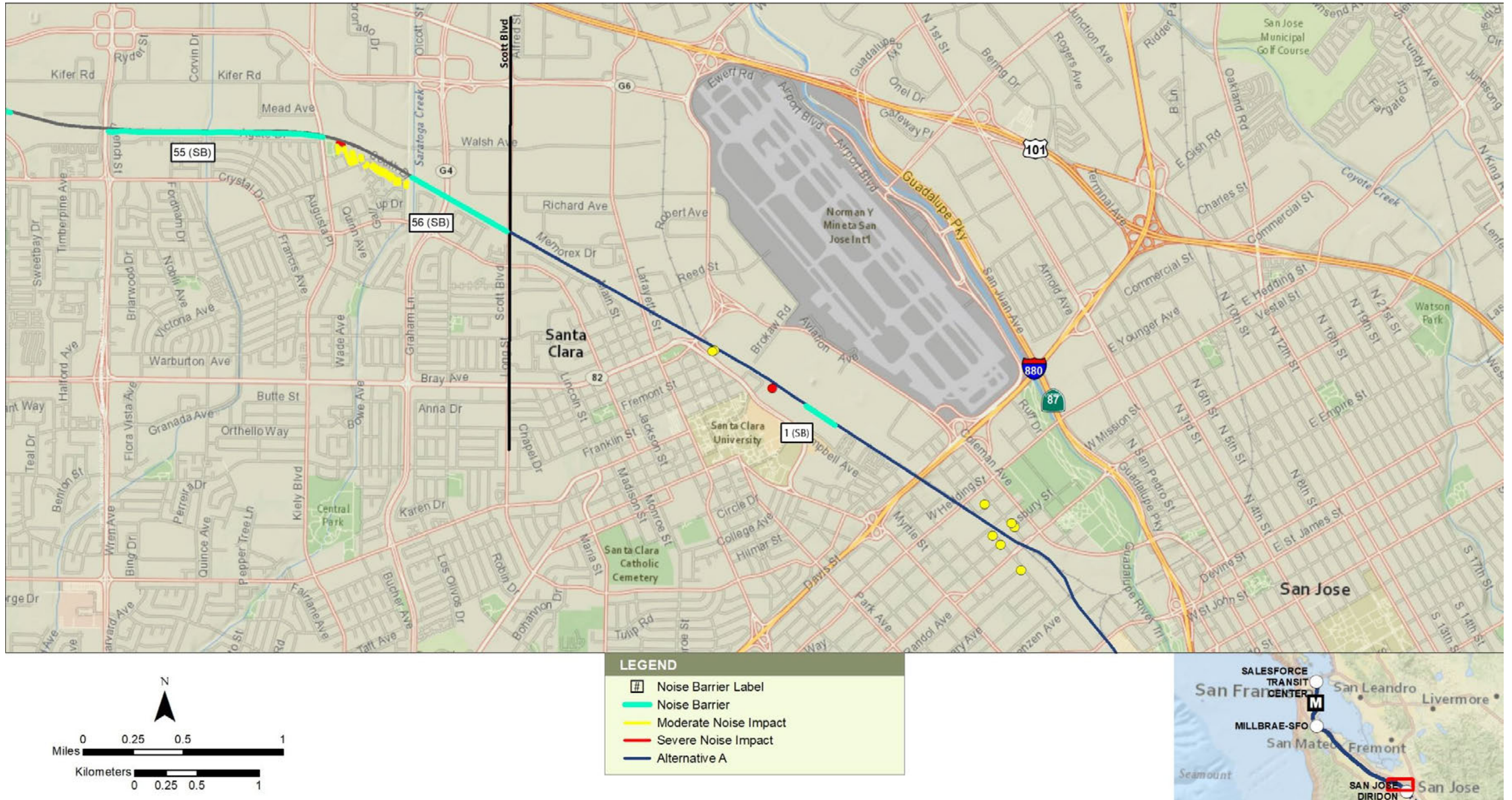


Figure C-64 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A



Figure C-65 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative A



Figure C-66 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

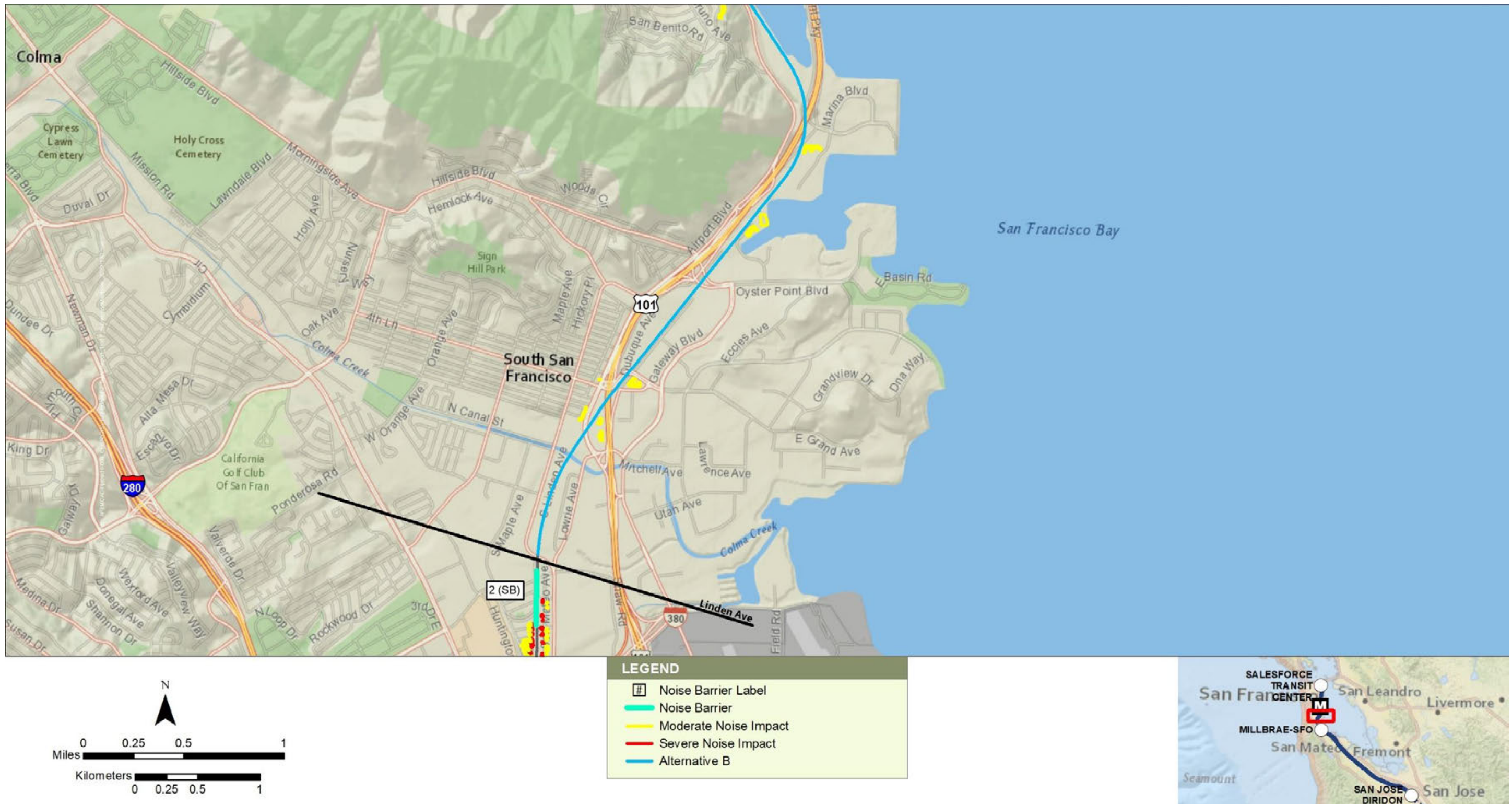


Figure C-67 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B



Figure C-68 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

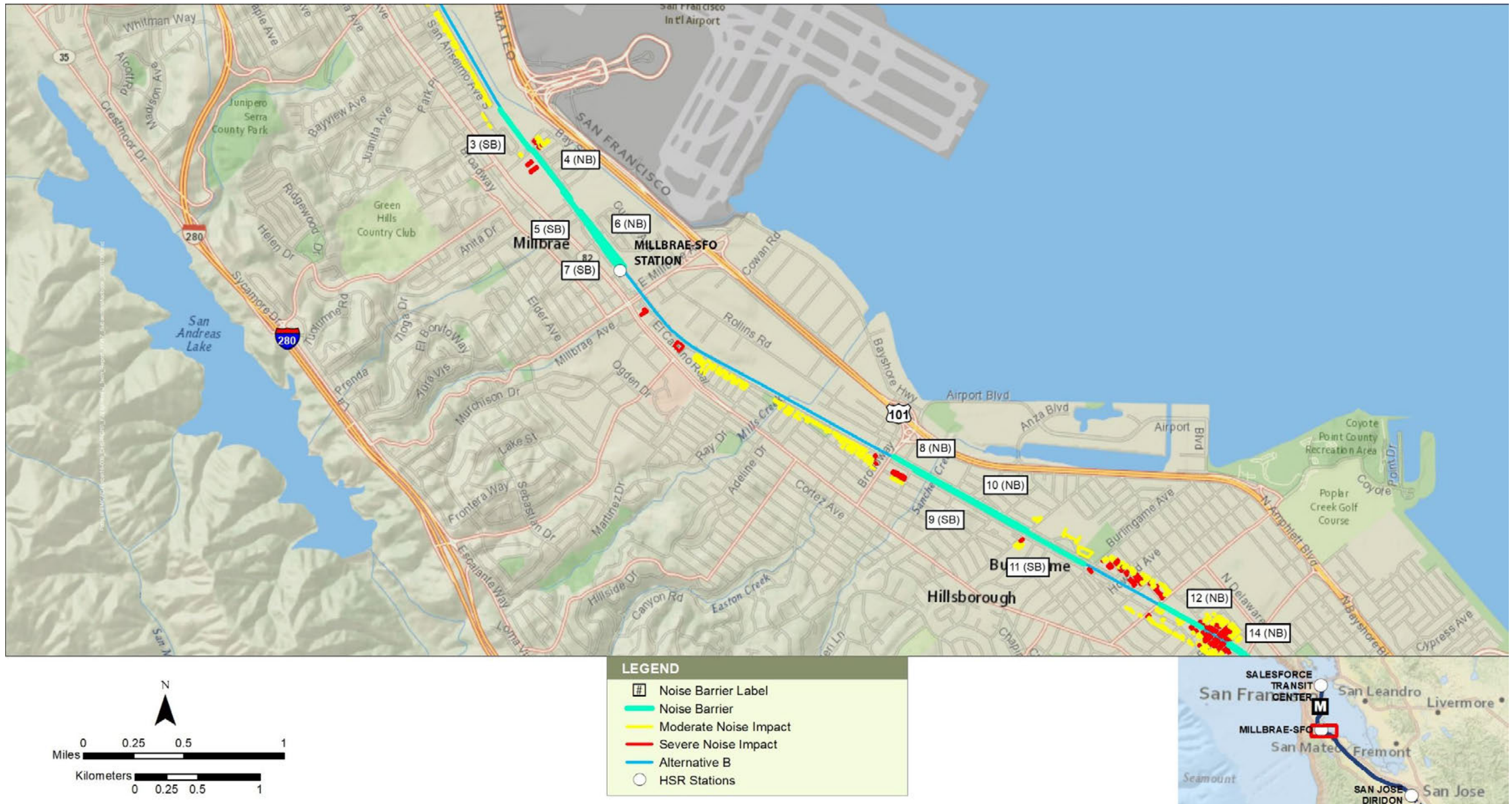


Figure C-69 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

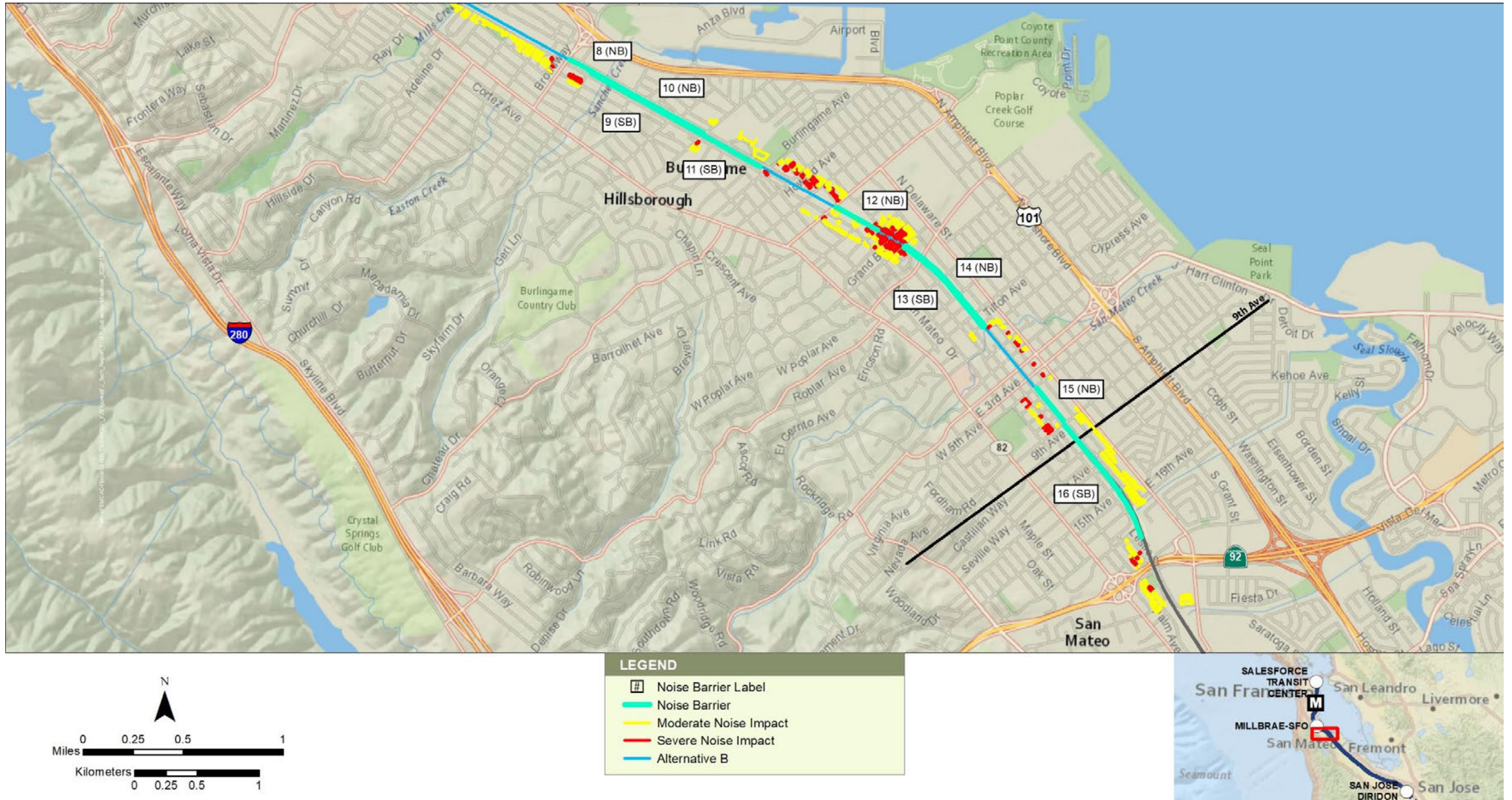


Figure C-70 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B



Figure C-71 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B



Figure C-72 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

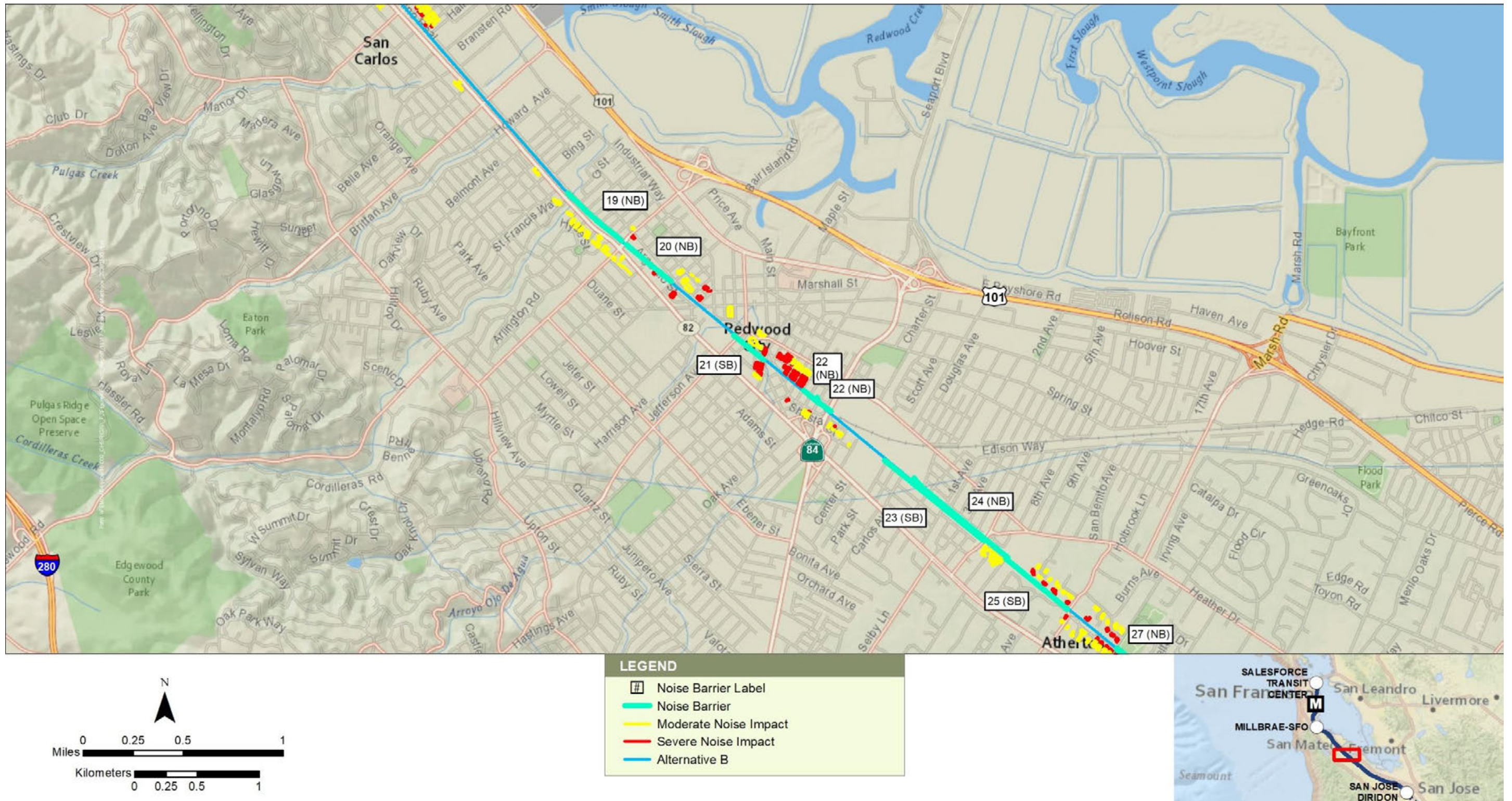


Figure C-73 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B



Figure C-74 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

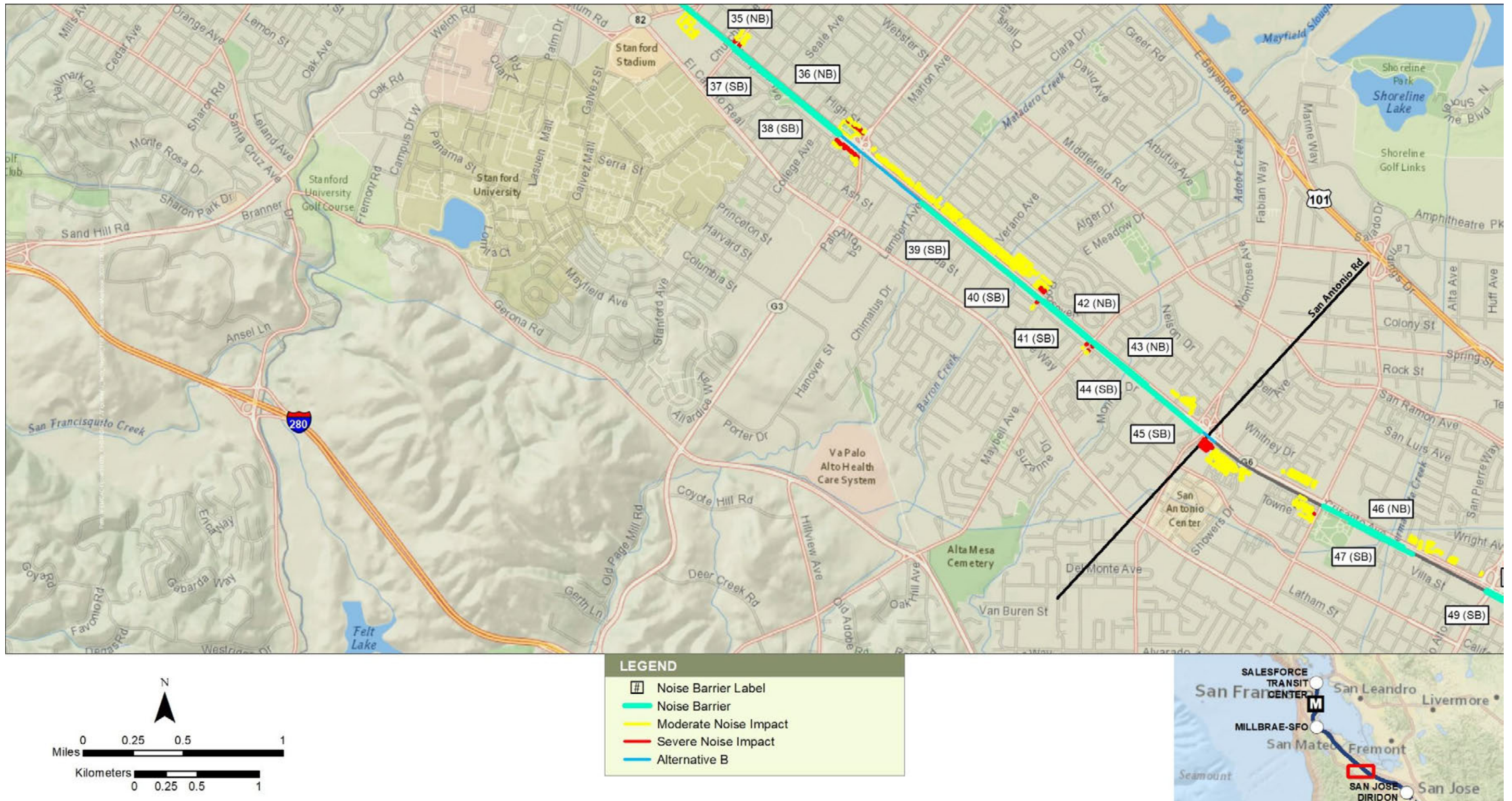


Figure C-75 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

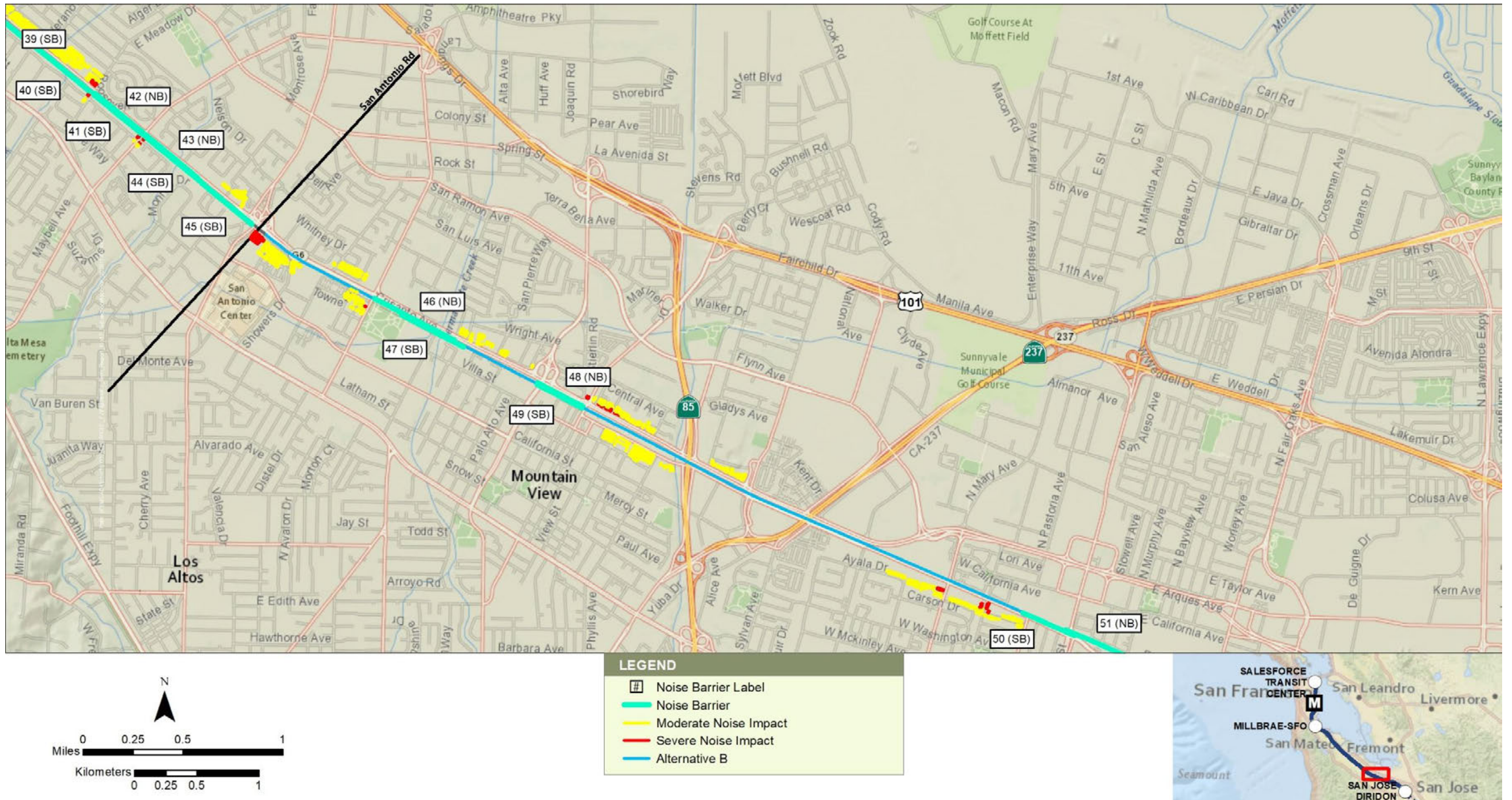


Figure C-76 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B

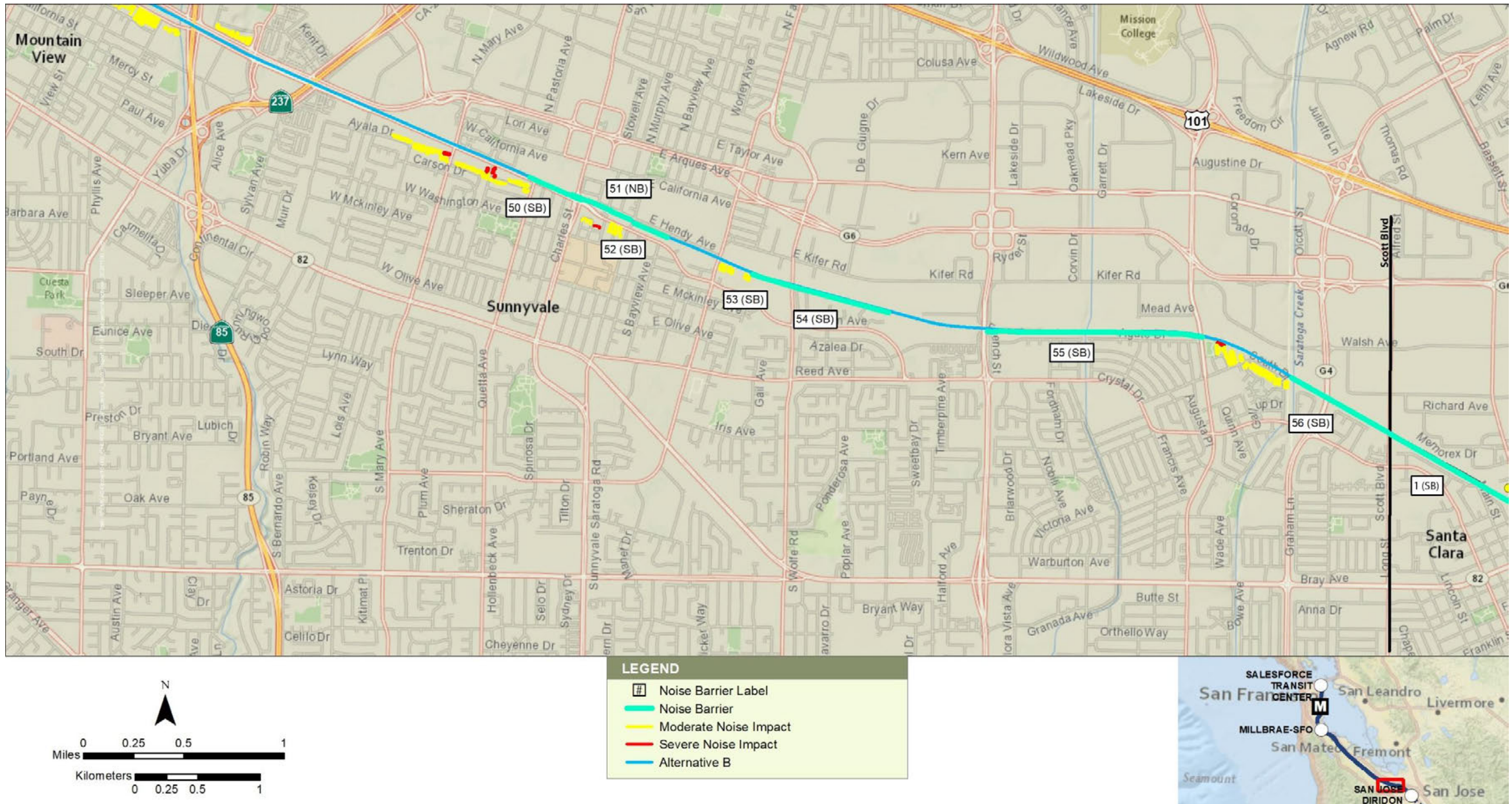


Figure C-77 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B (Viaduct to I-880)



Figure C-78 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B (Viaduct to I-880)

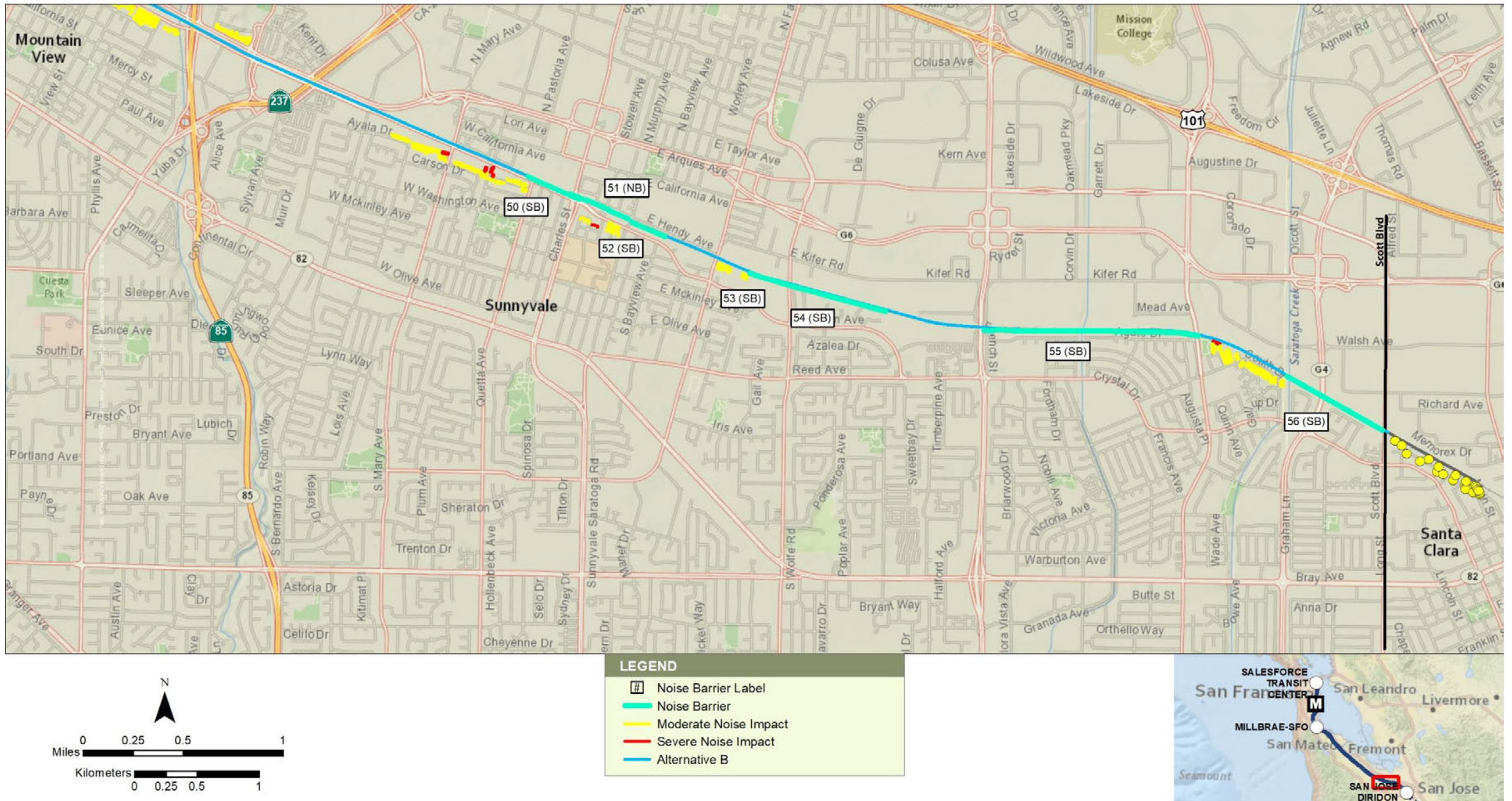


Figure C-79 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B (Viaduct to Scott Boulevard)



Figure C-80 2040 Plus Project Proposed Noise Barriers and Residual Noise Impacts—Alternative B (Viaduct to Scott Boulevard)

2040 PLUS PROJECT PROPOSED NOISE BARRIERS WITH QUIET ZONES AND RESIDUAL NOISE IMPACTS



Figure C-81 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

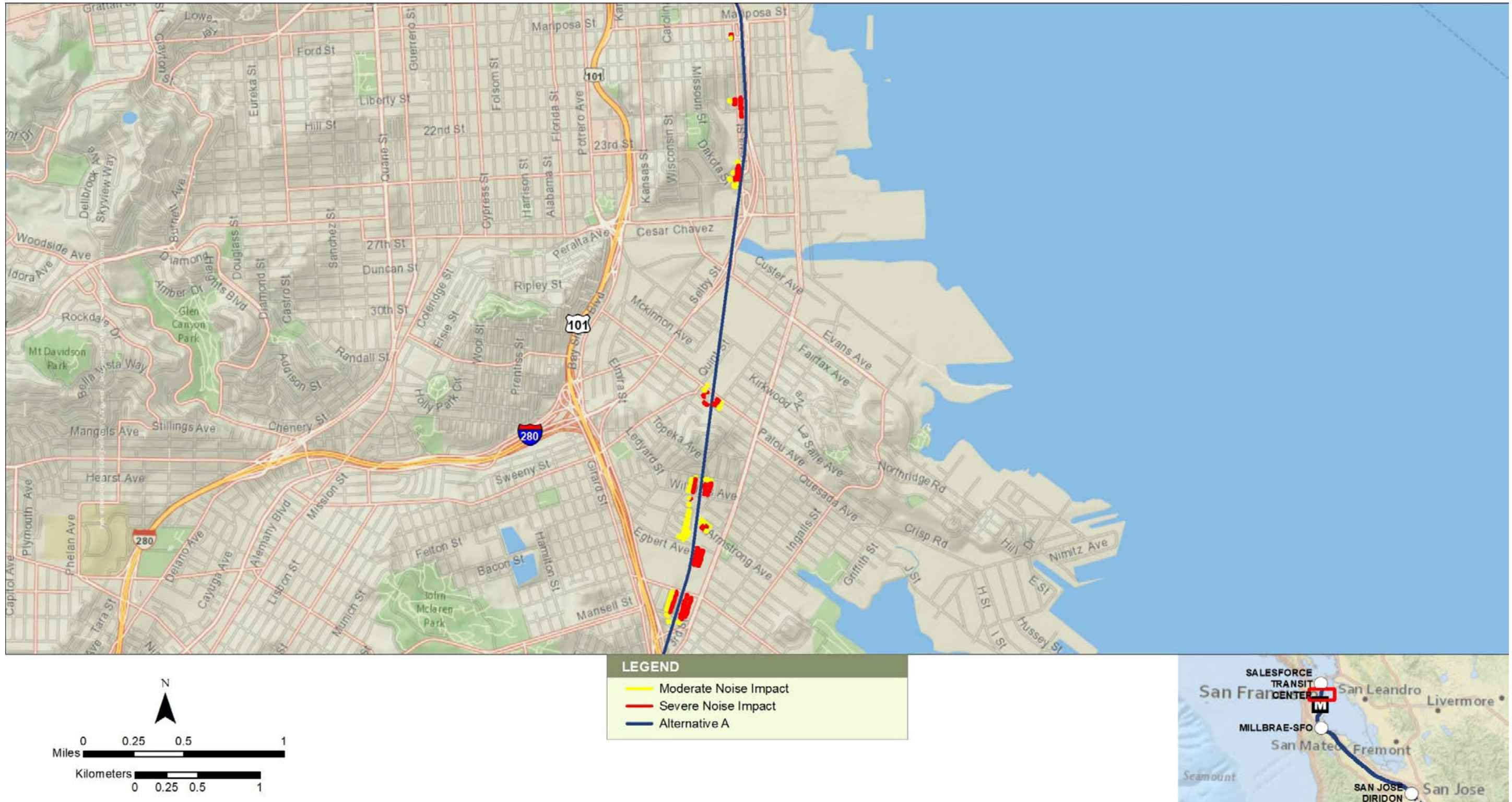


Figure C-82 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-83 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-84 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-85 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

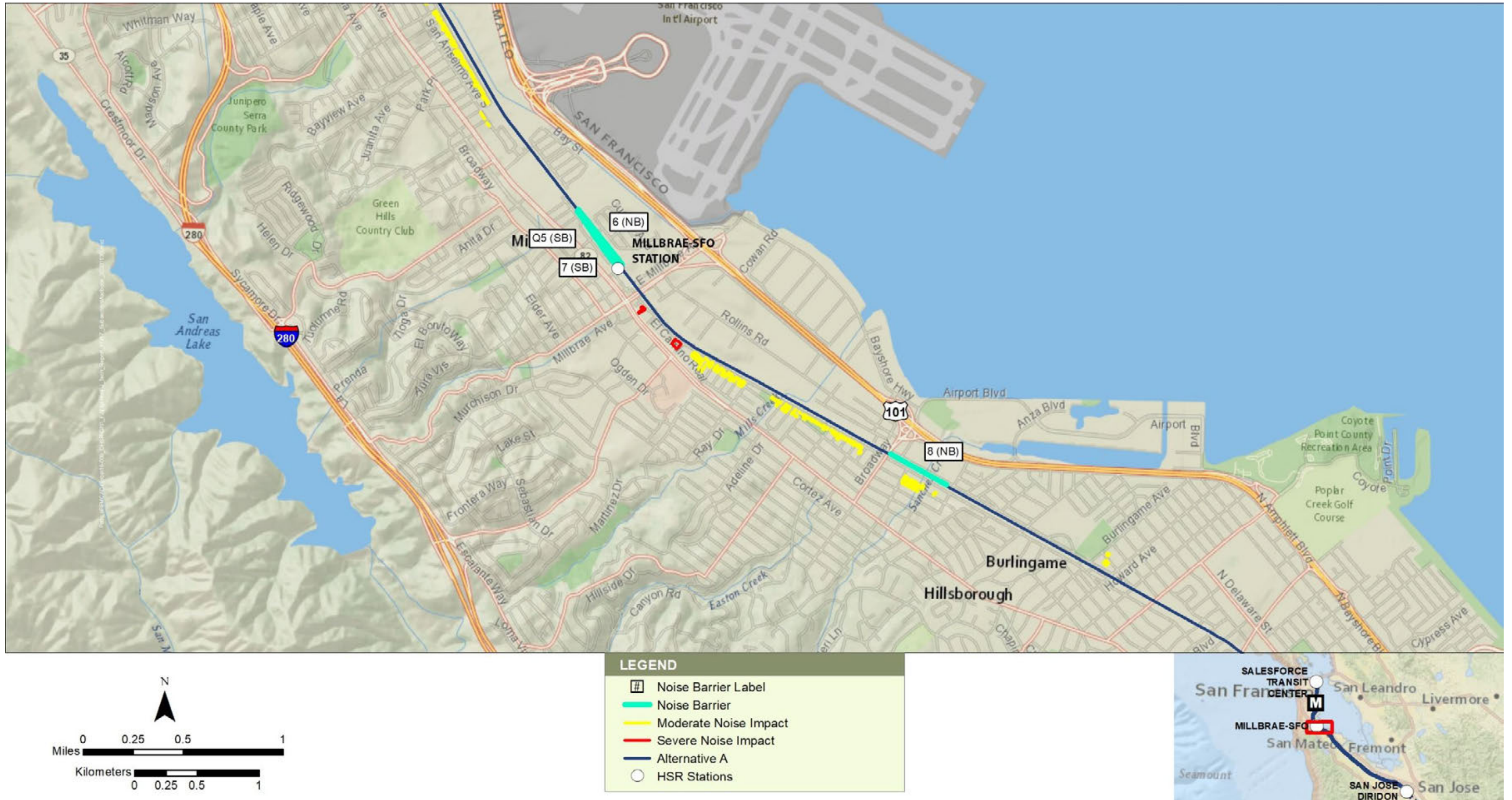


Figure C-86 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

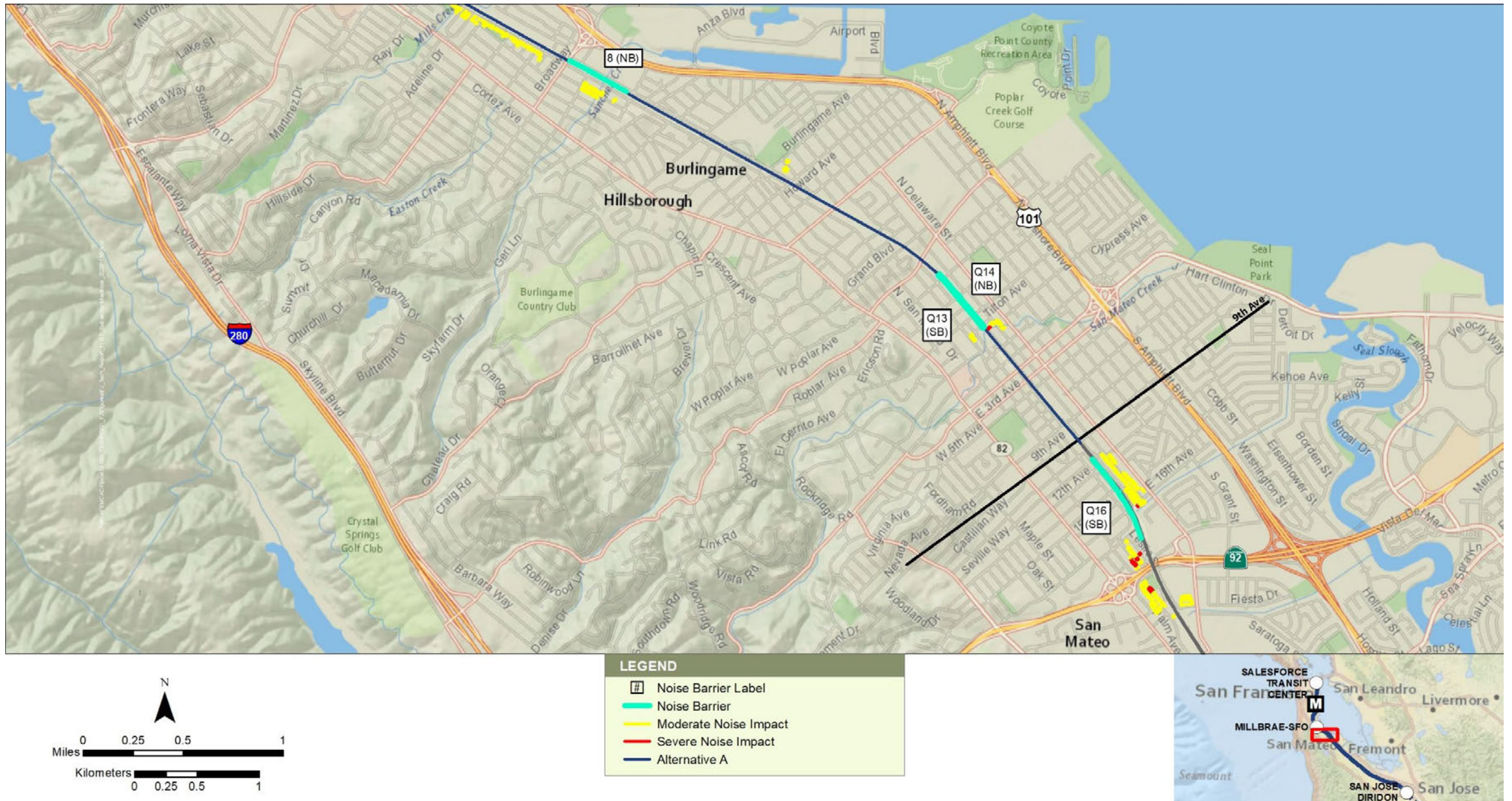


Figure C-87 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-88 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

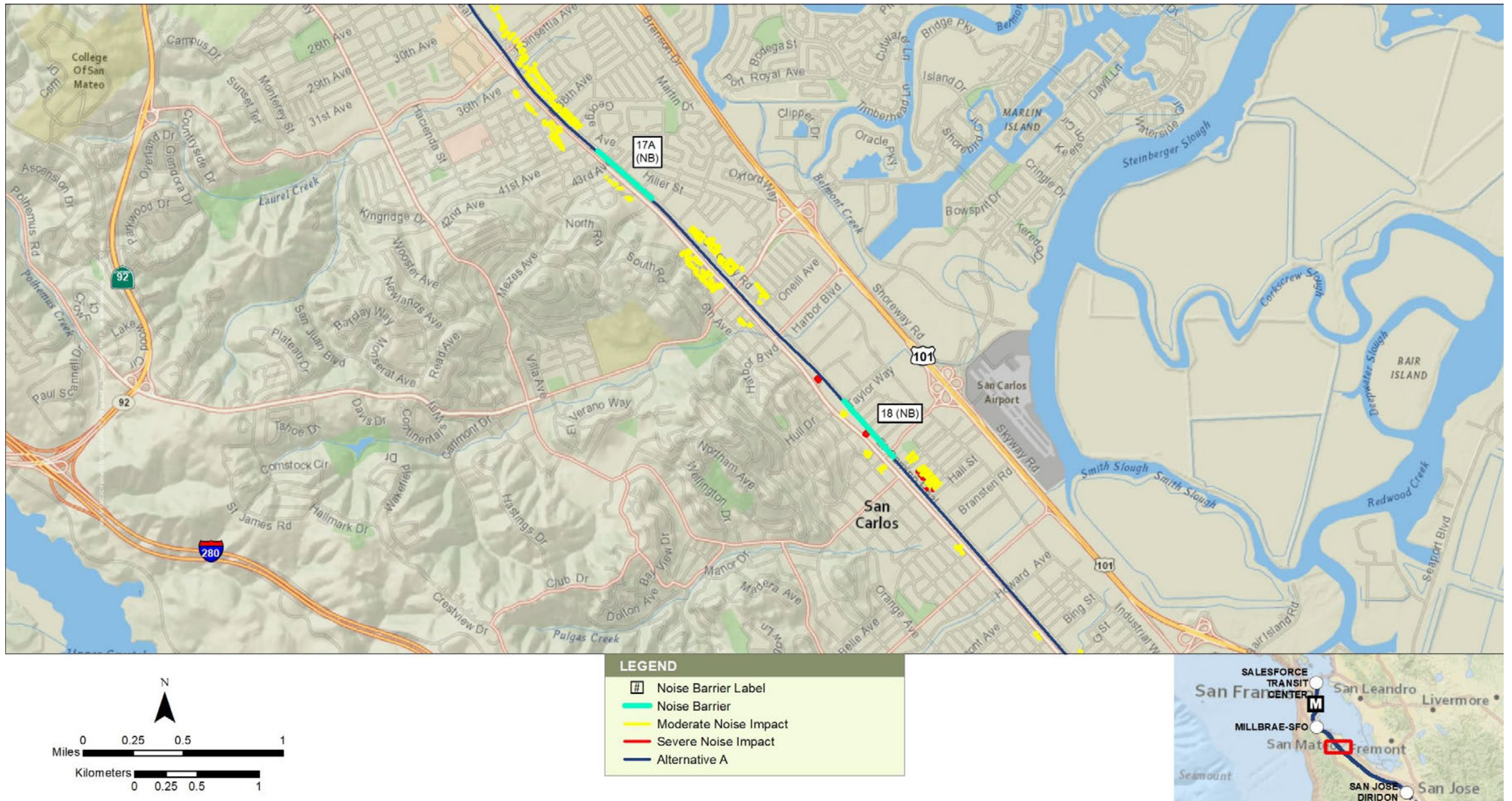


Figure C-89 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

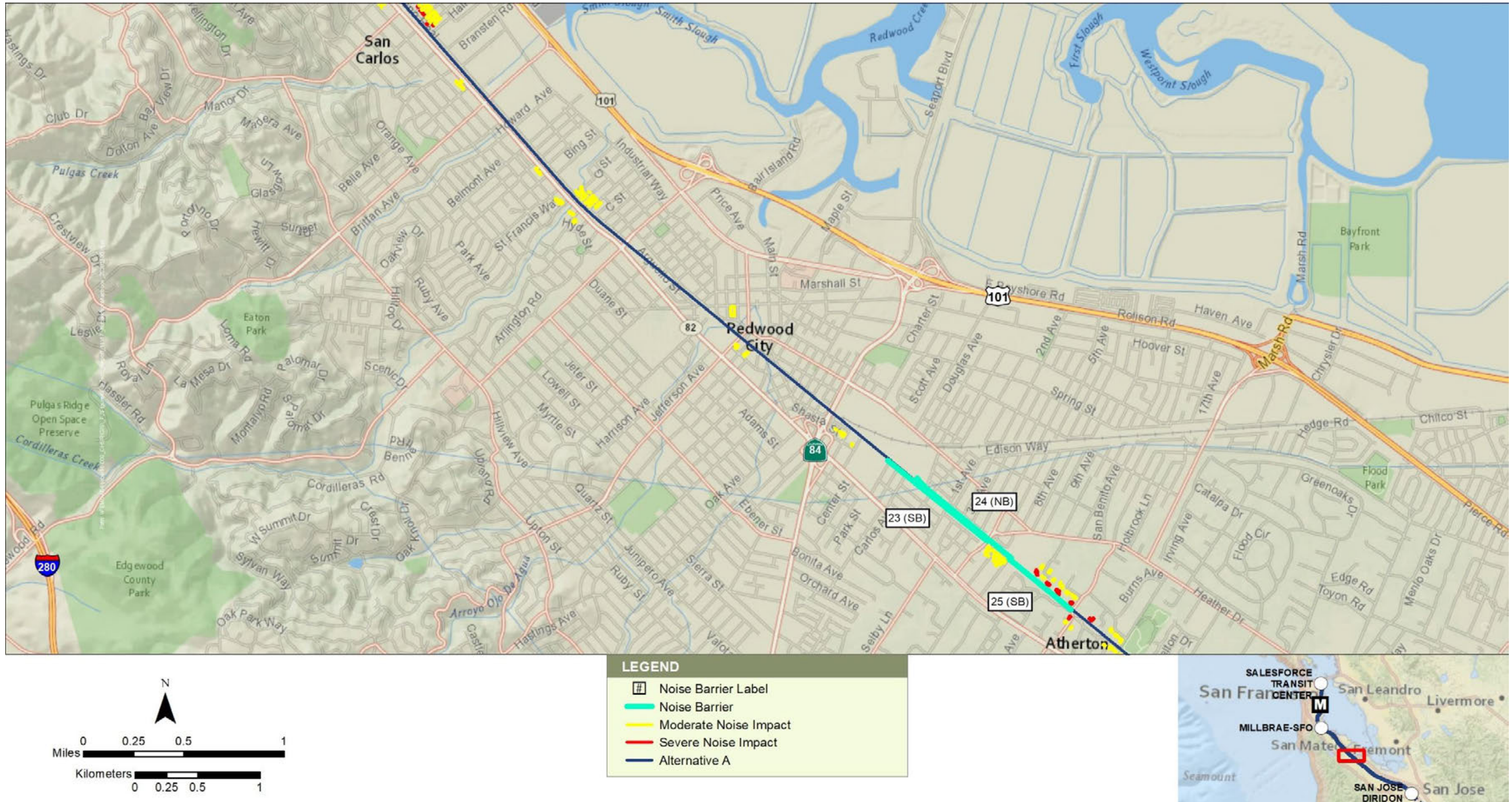


Figure C-90 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-91 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

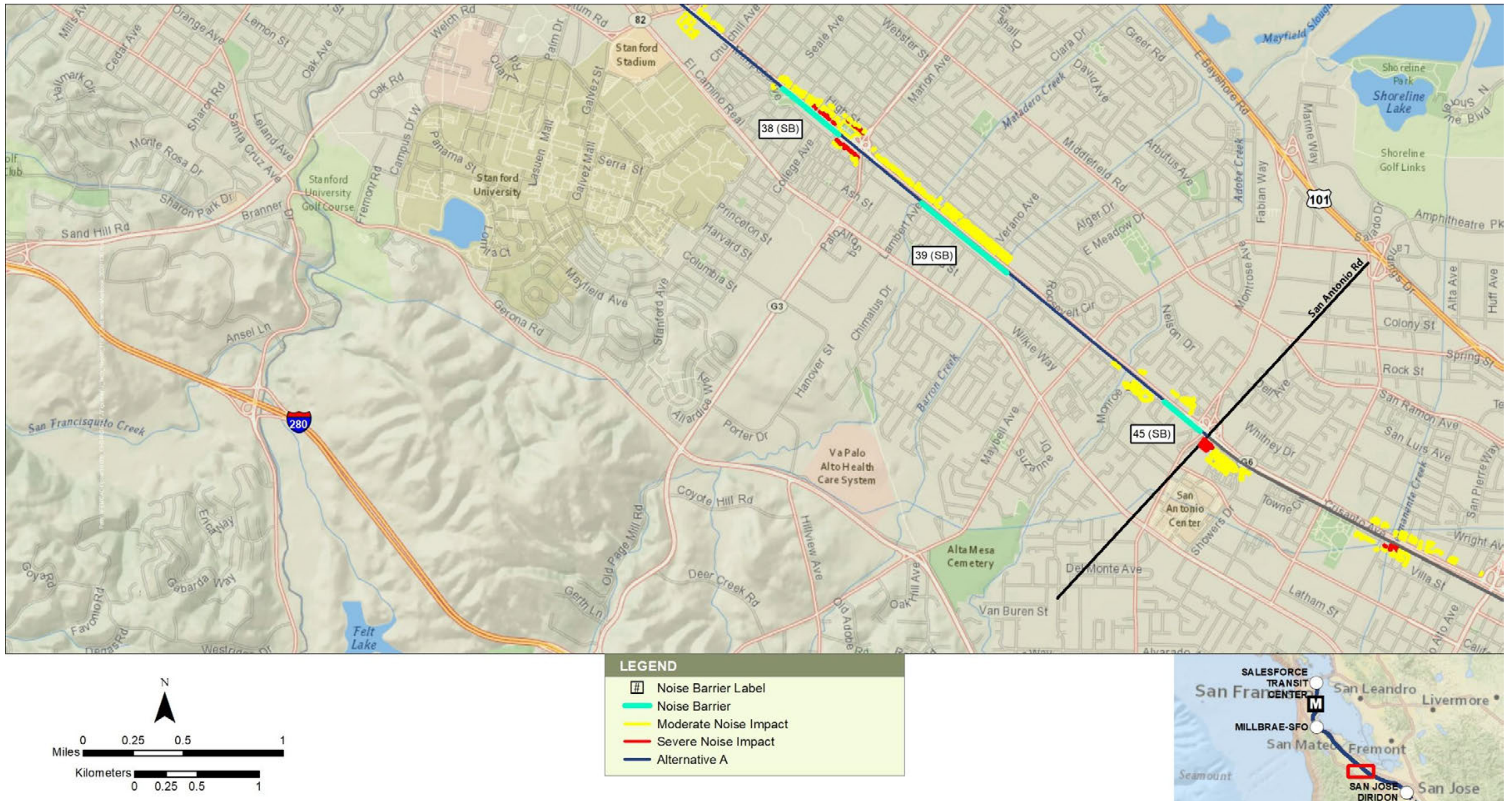


Figure C-92 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-93 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

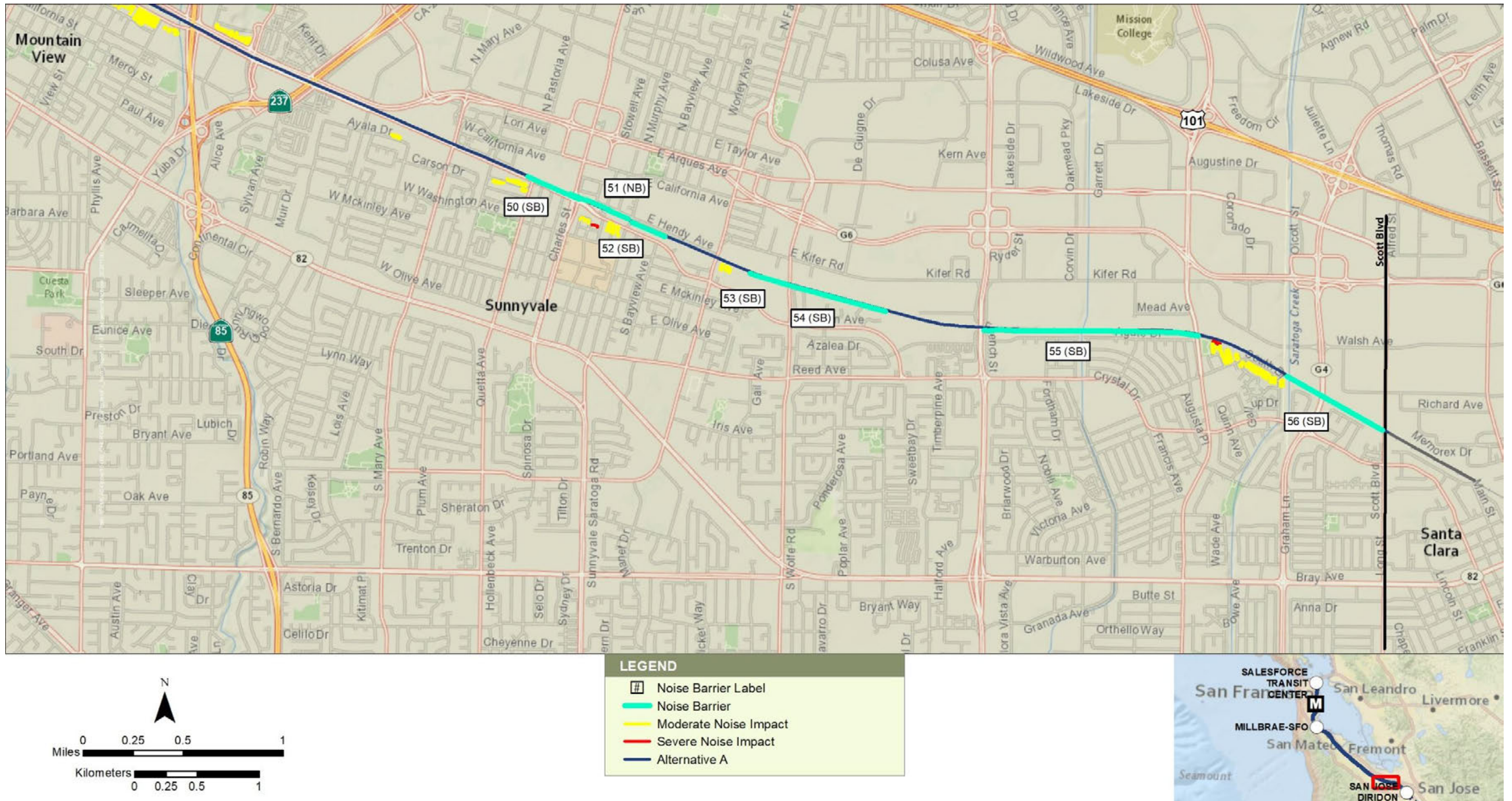


Figure C-94 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A

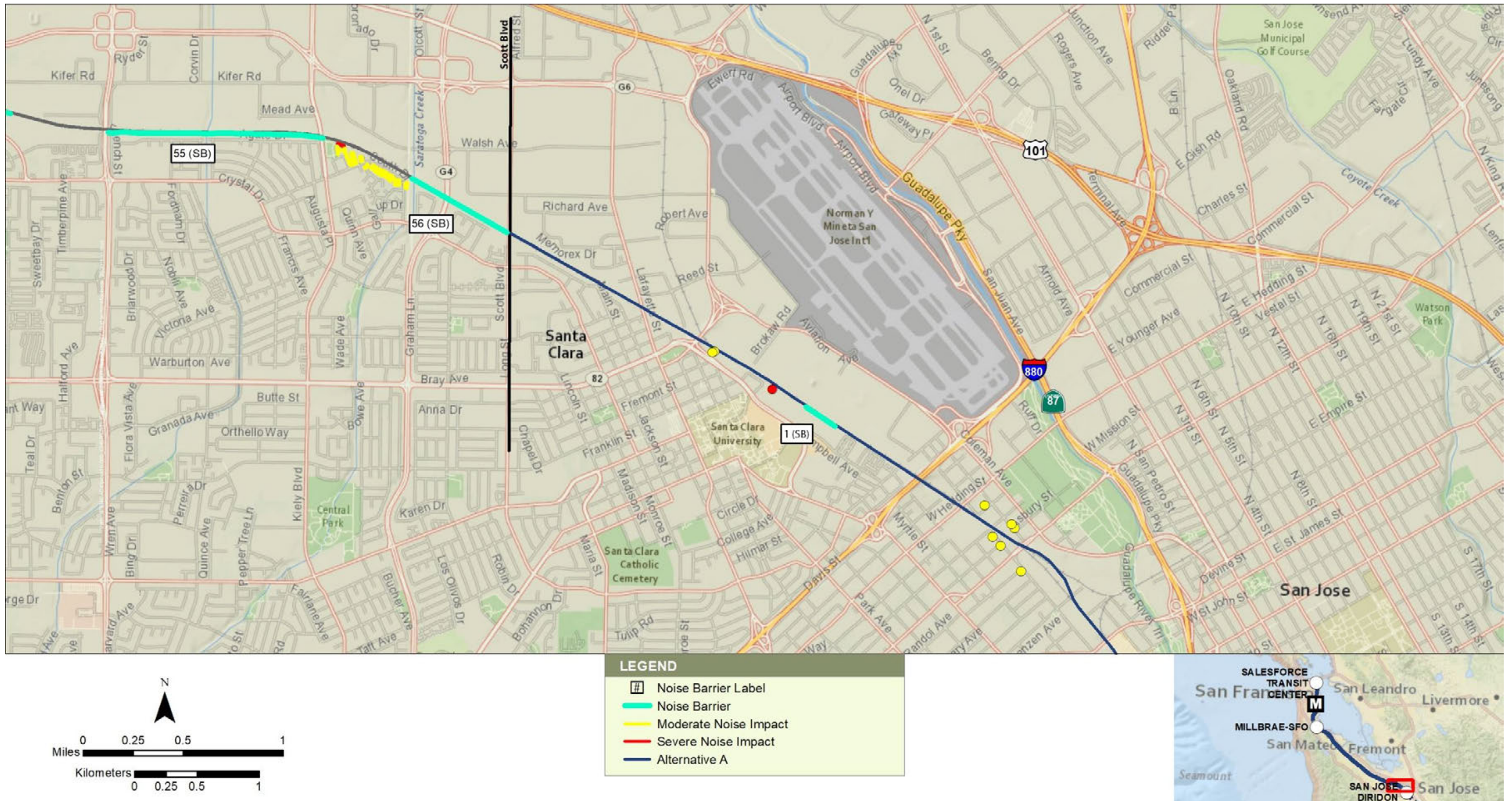


Figure C-95 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-96 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative A



Figure C-97 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

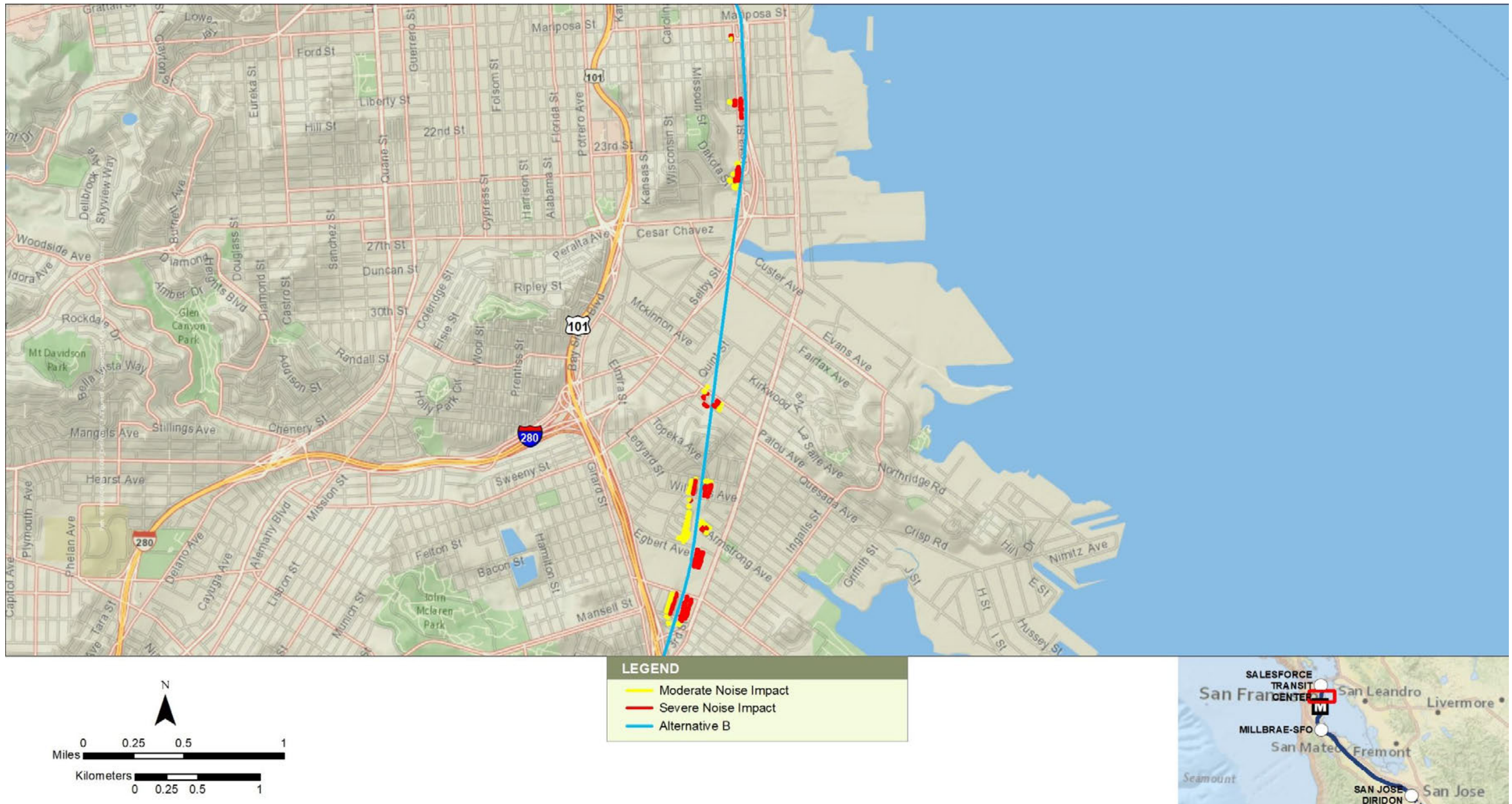


Figure C-98 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B



Figure C-99 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B



Figure C-100 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B



Figure C-101 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

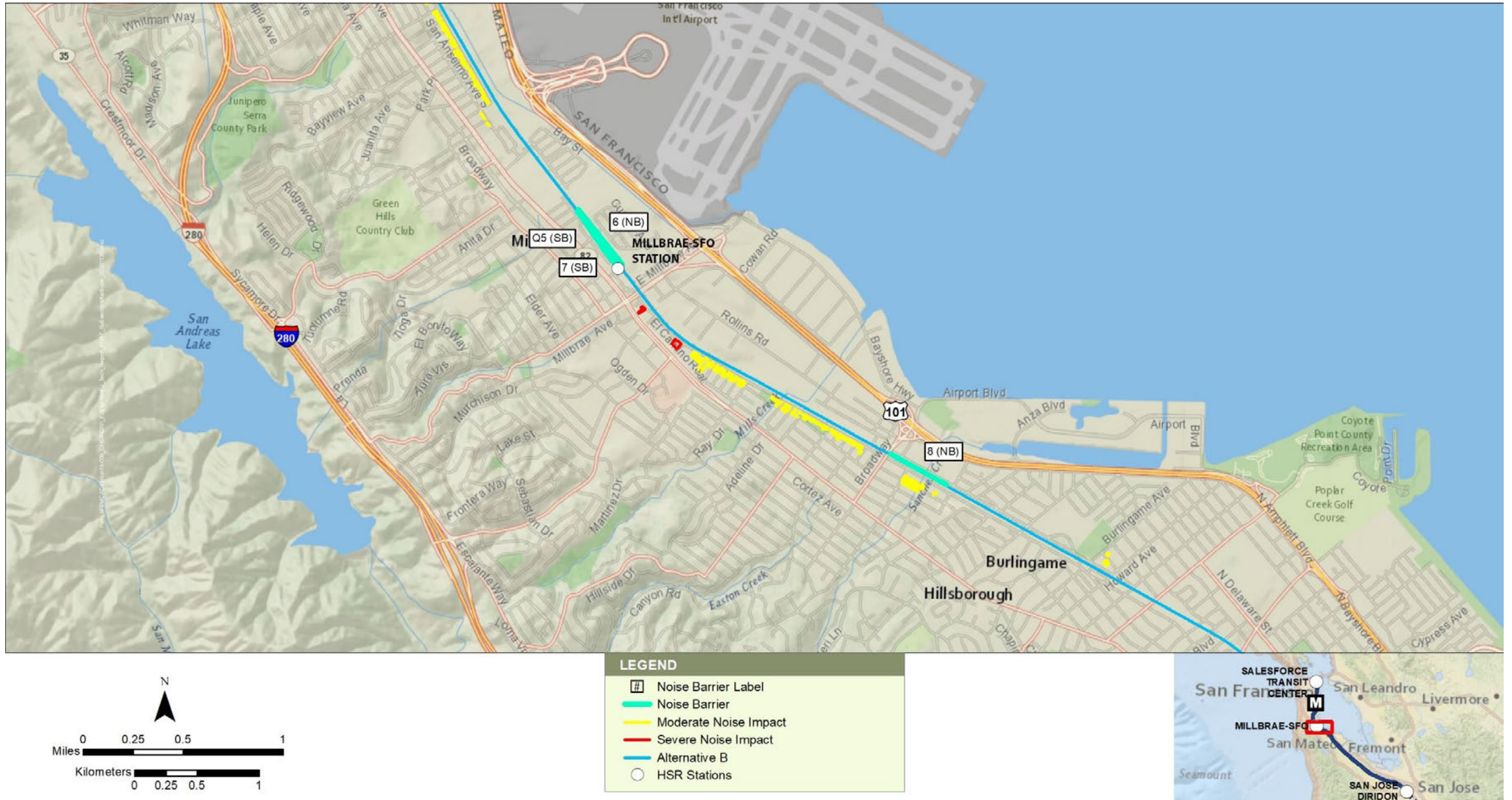


Figure C-102 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

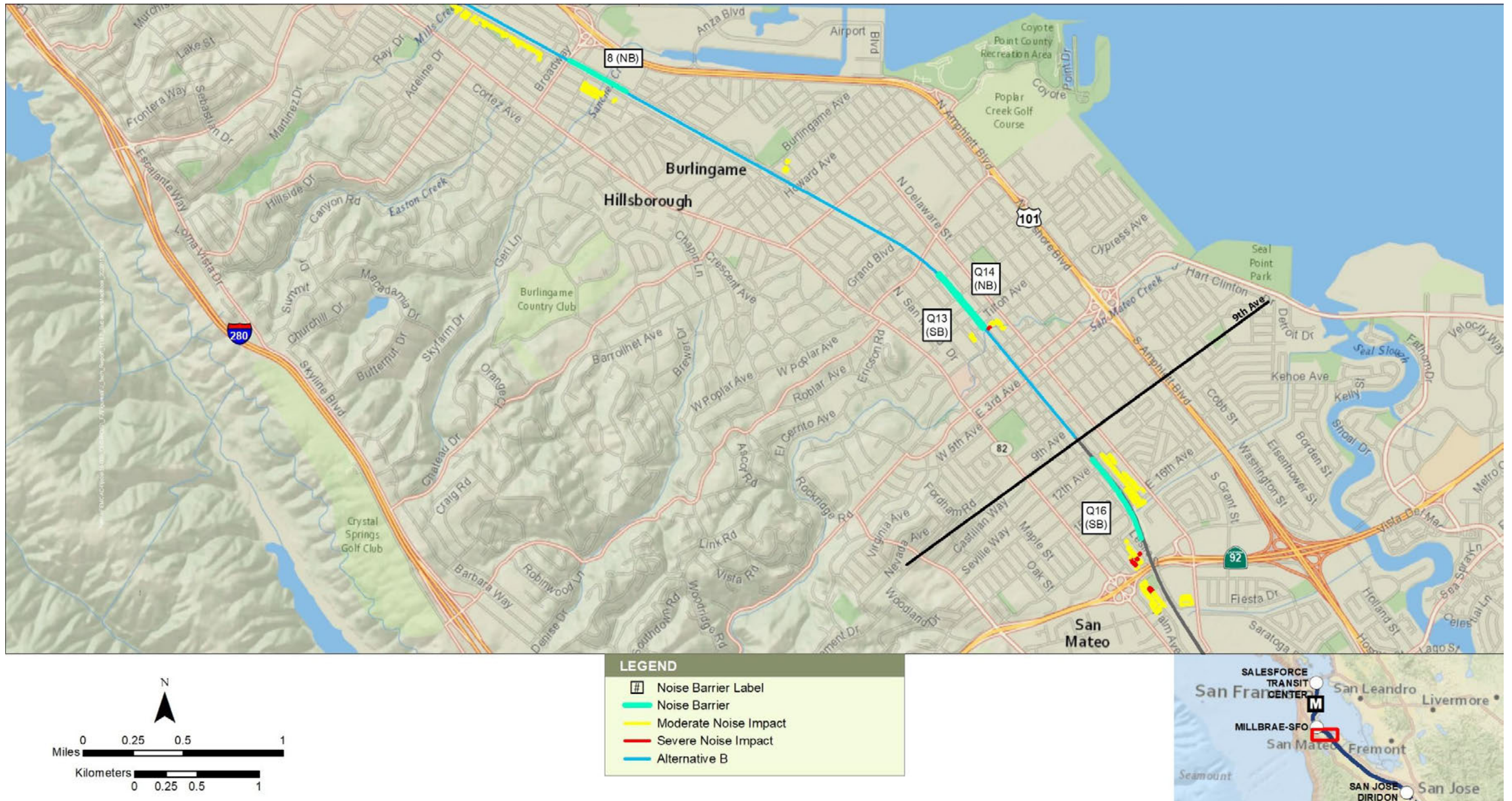


Figure C-103 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

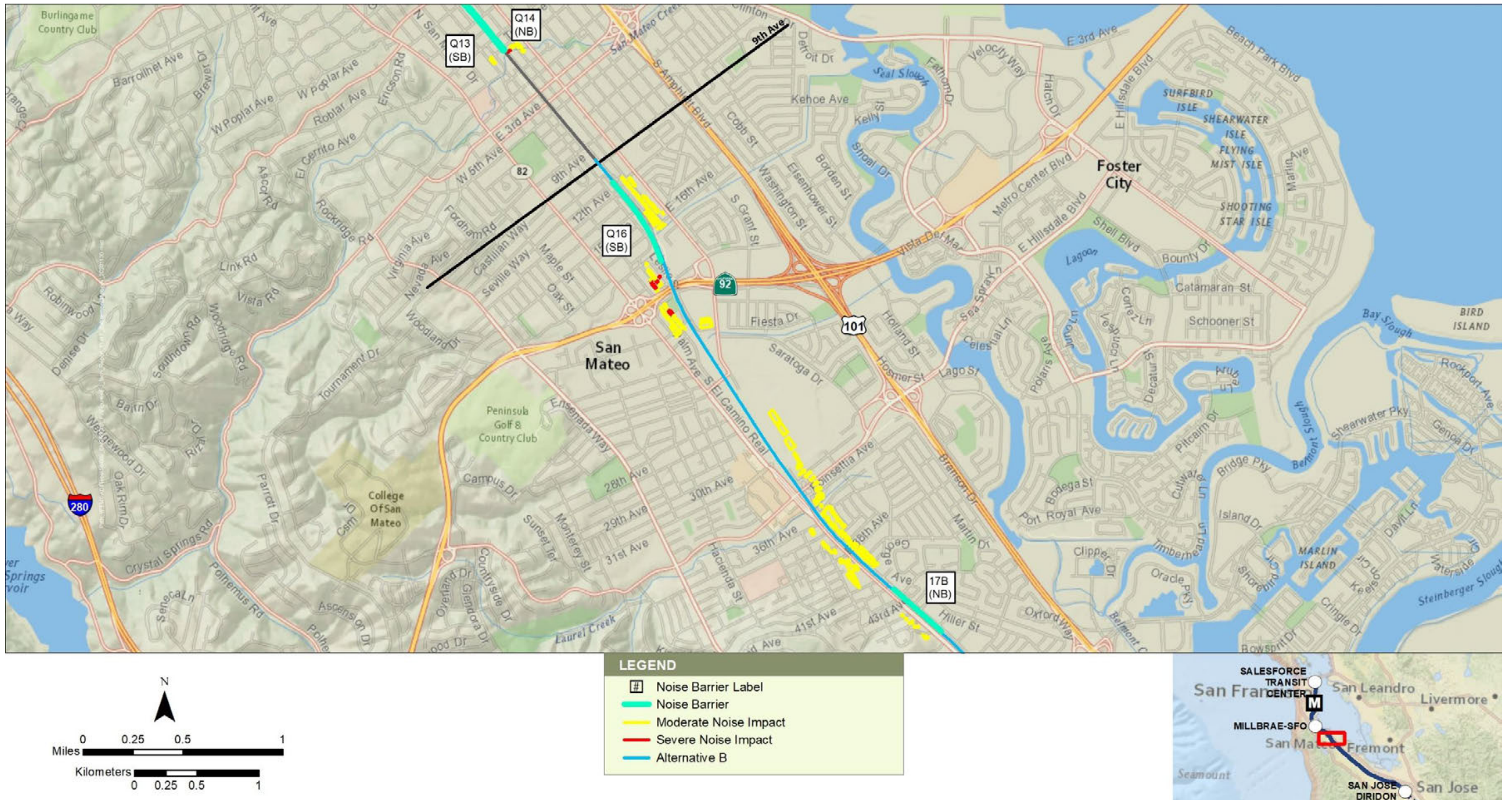


Figure C-104 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

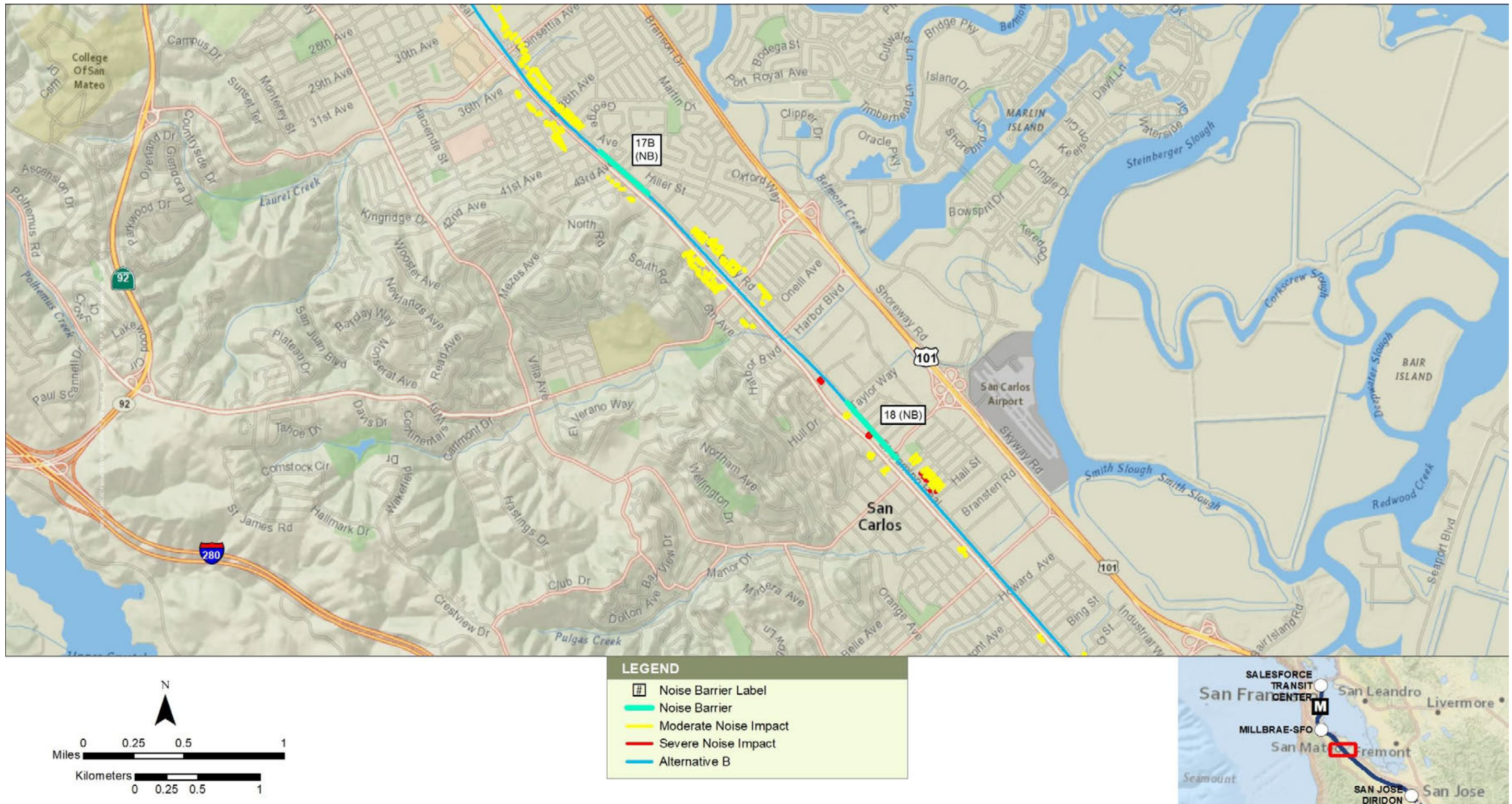


Figure C-105 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

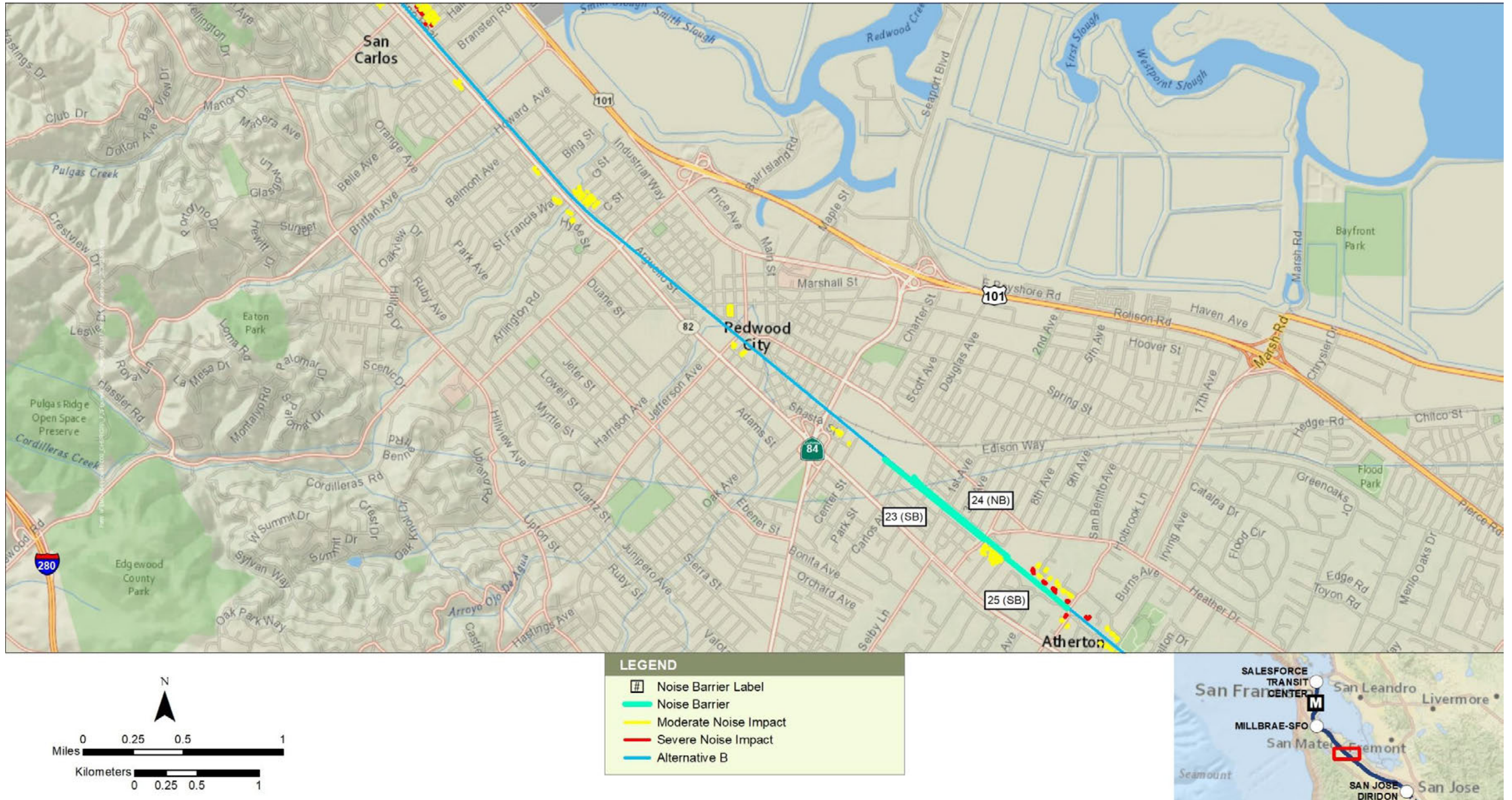


Figure C-106 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B



Figure C-107 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B



Figure C-108 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B



Figure C-109 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B

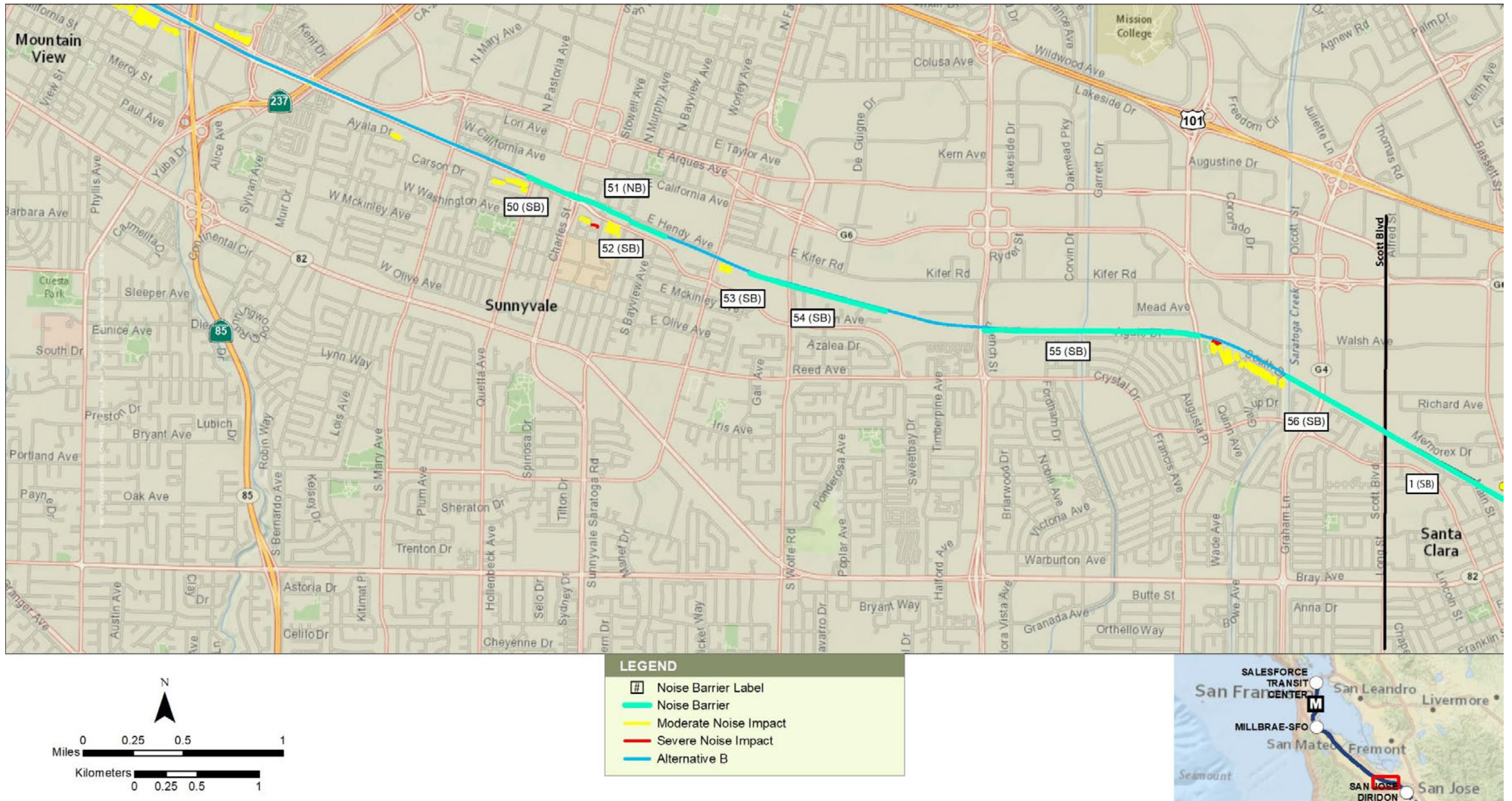


Figure C-110 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B (Viaduct to I-880)

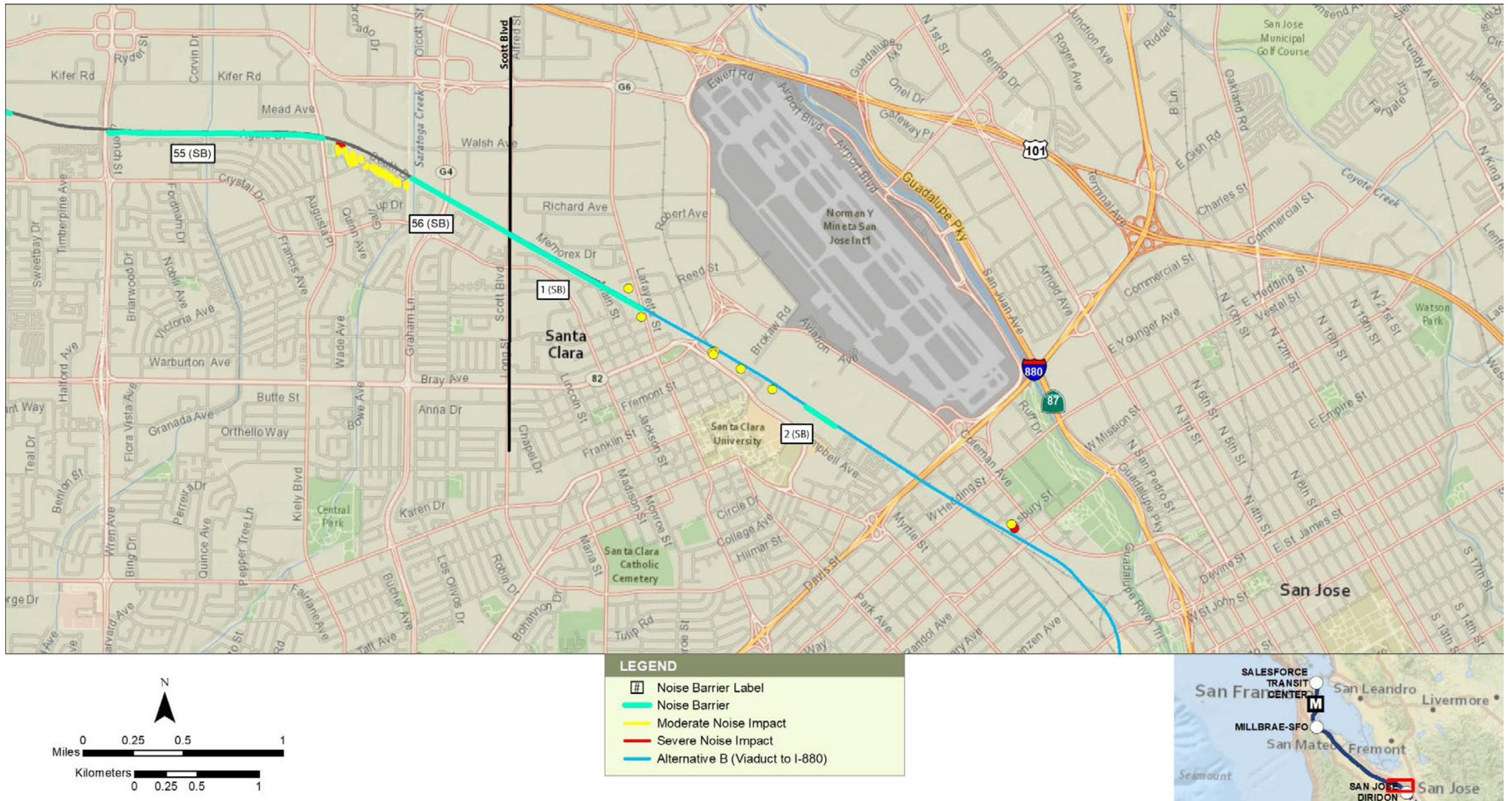


Figure C-111 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B (Viaduct to I-880)

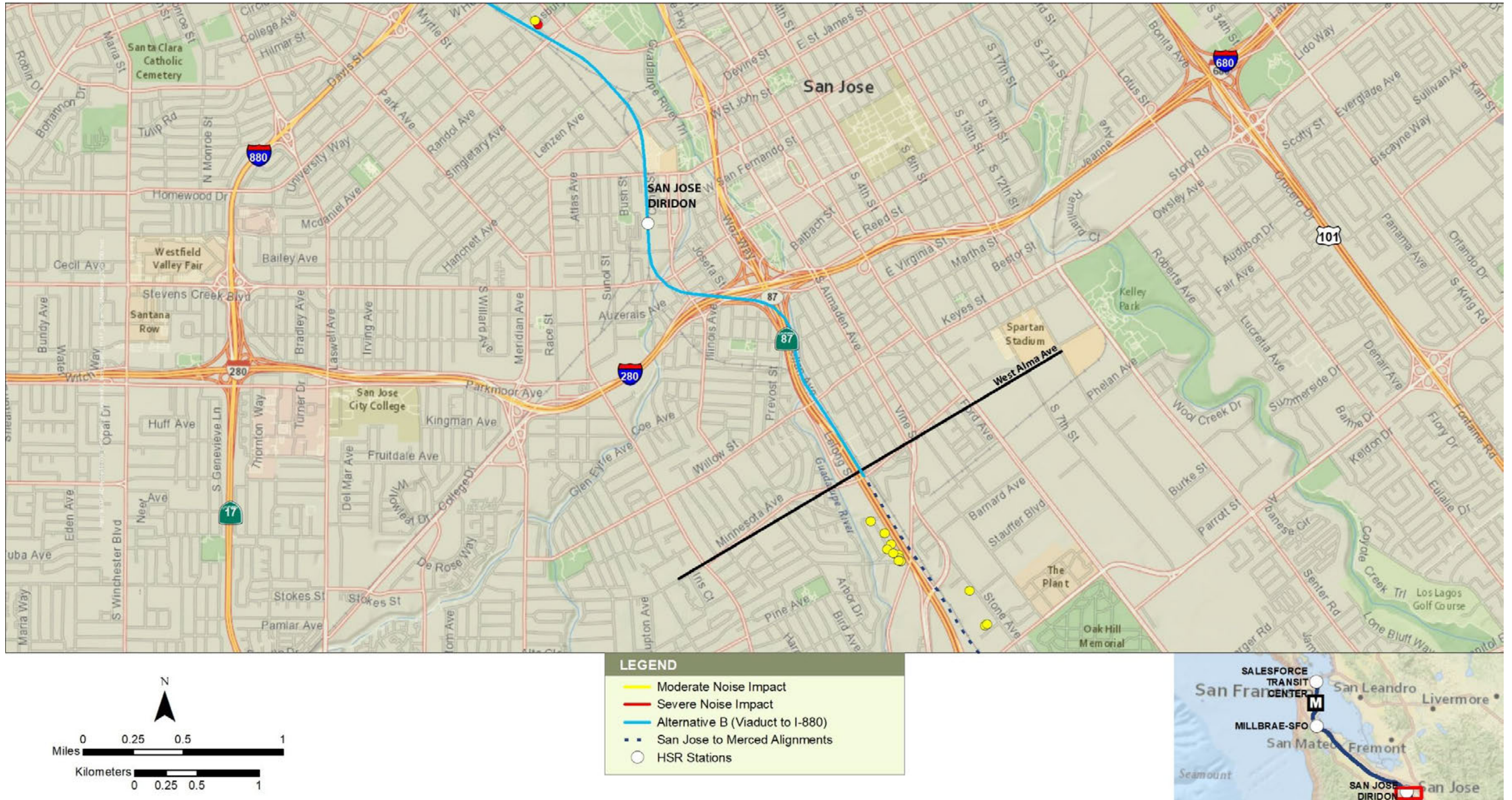


Figure C-112 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B (Viaduct to I-880)

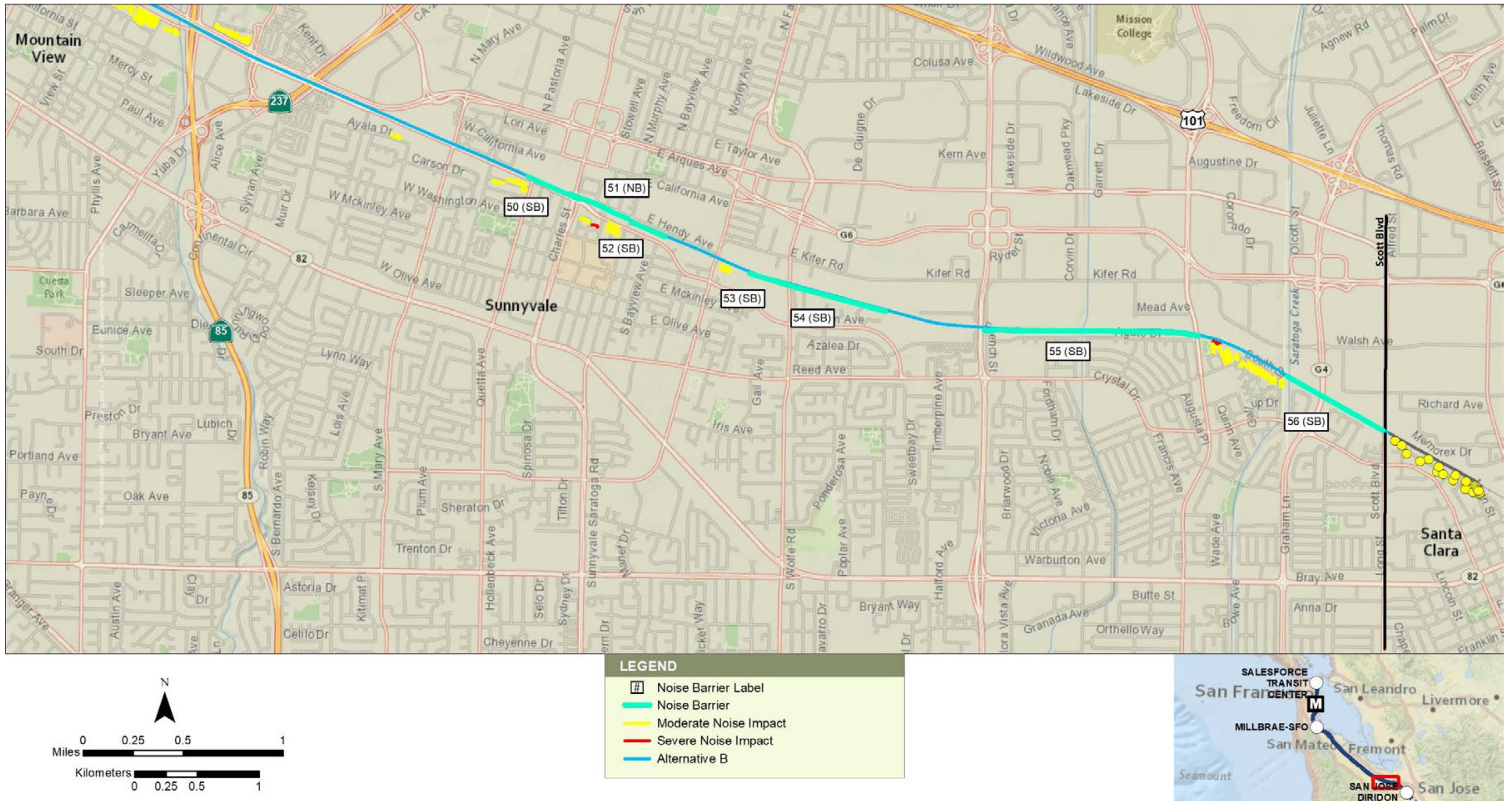


Figure C-113 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B (Viaduct to Scott Boulevard)



Figure C-114 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B (Viaduct to Scott Boulevard)

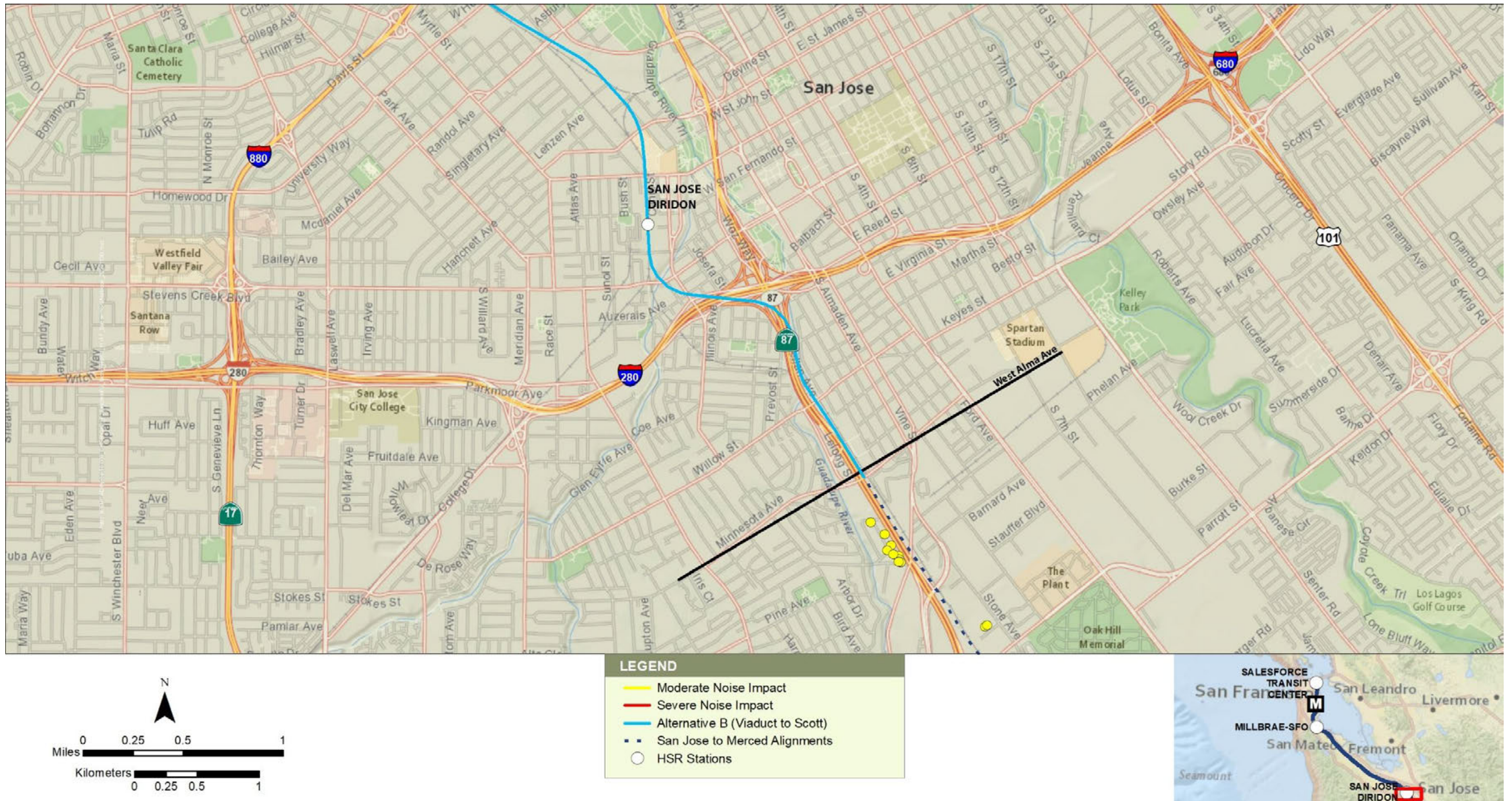


Figure C-115 2040 Plus Project Proposed Noise Barriers with Quiet Zones and Residual Noise Impacts—Alternative B (Viaduct to Scott Boulevard)

2040 PLUS PROJECT VIBRATION IMPACT LOCATIONS



Figure C-116 2040 Plus Project Vibration Impact Locations—Alternative A

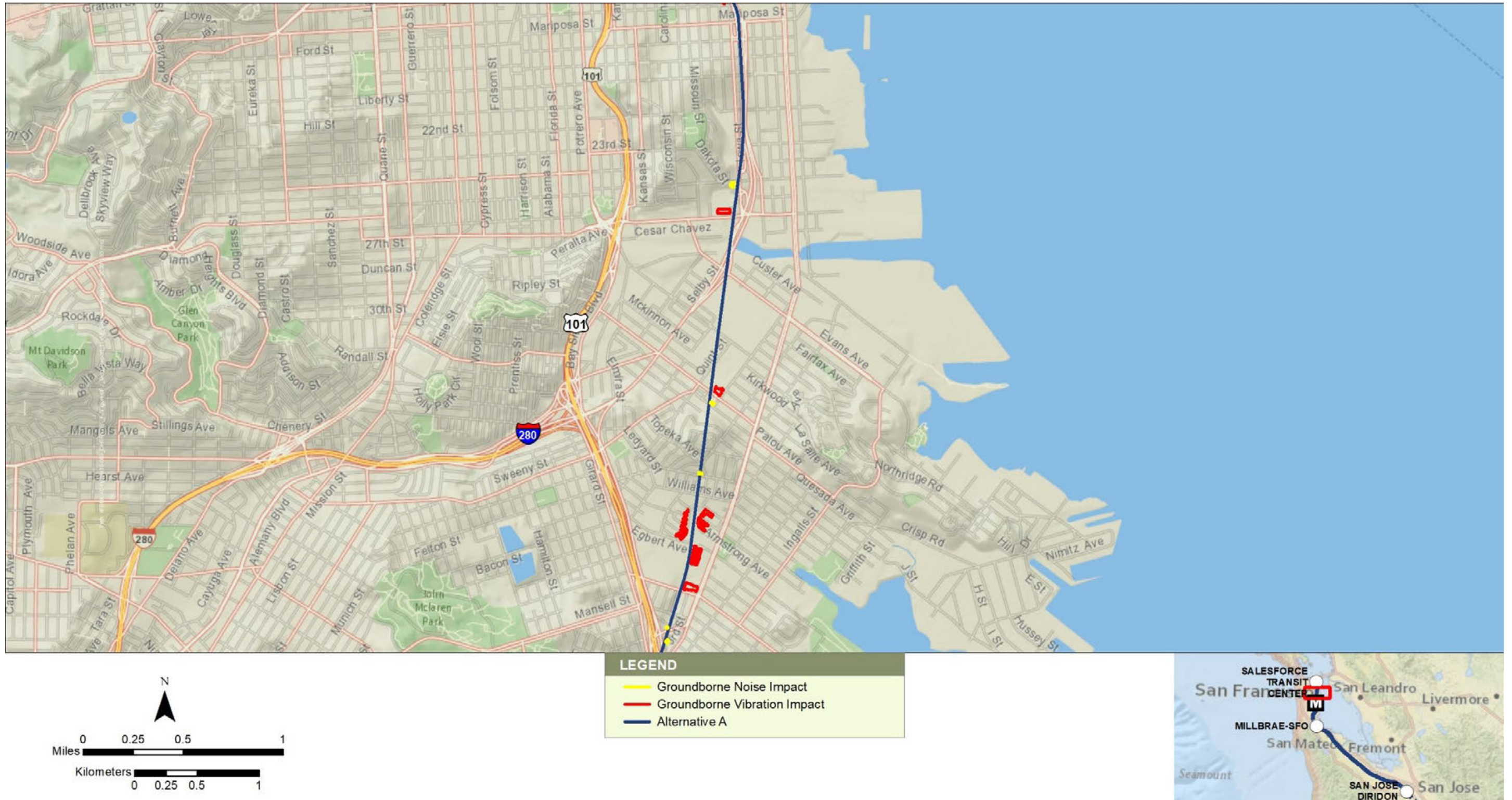


Figure C-117 2040 Plus Project Vibration Impact Locations—Alternative A



Figure C-118 2040 Plus Project Vibration Impact Locations—Alternative A

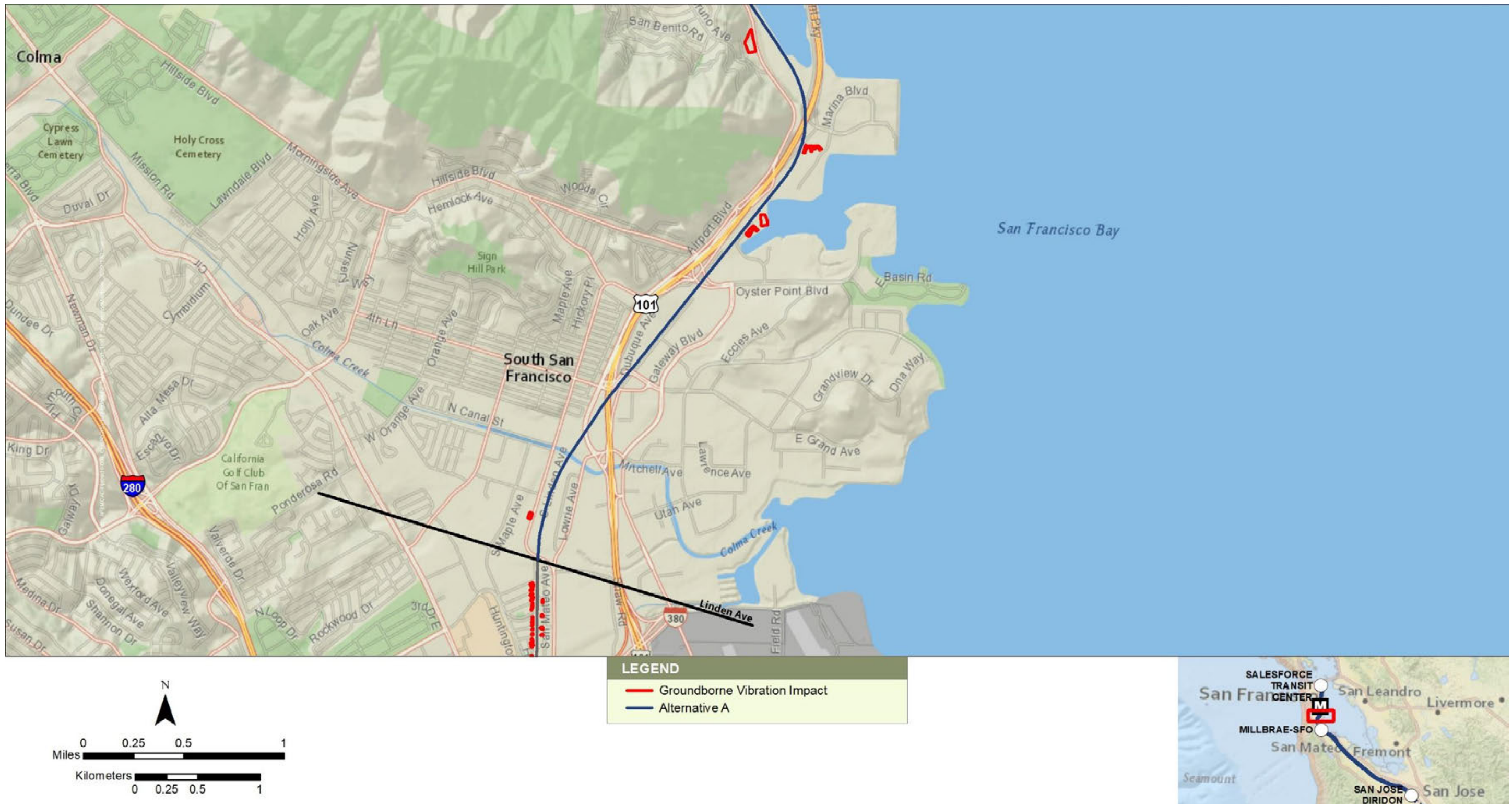


Figure C-119 2040 Plus Project Vibration Impact Locations—Alternative A



Figure C-120 2040 Plus Project Vibration Impact Locations—Alternative A

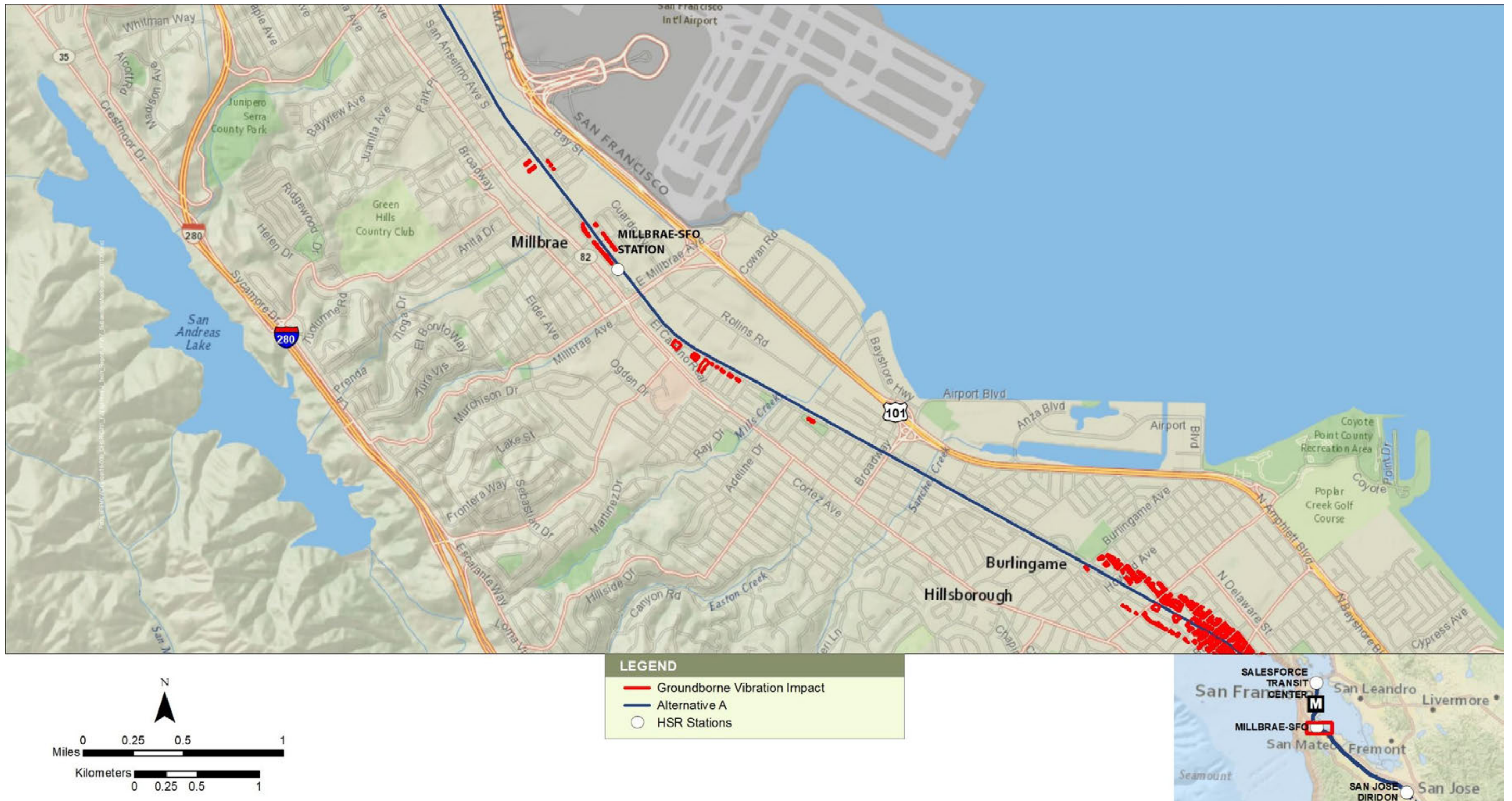


Figure C-121 2040 Plus Project Vibration Impact Locations—Alternative A

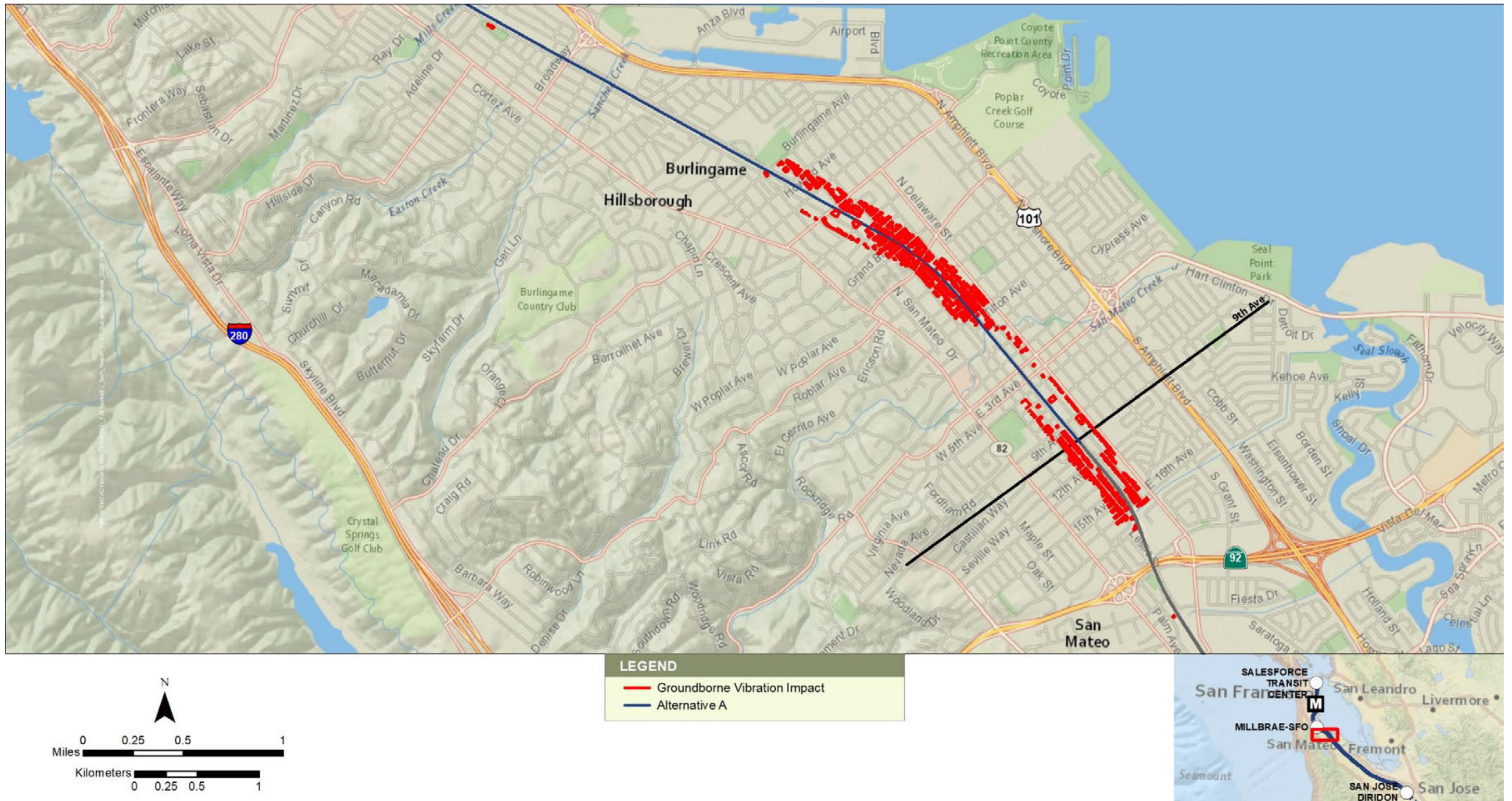


Figure C-122 2040 Plus Project Vibration Impact Locations—Alternative A



Figure C-123 2040 Plus Project Vibration Impact Locations—Alternative A

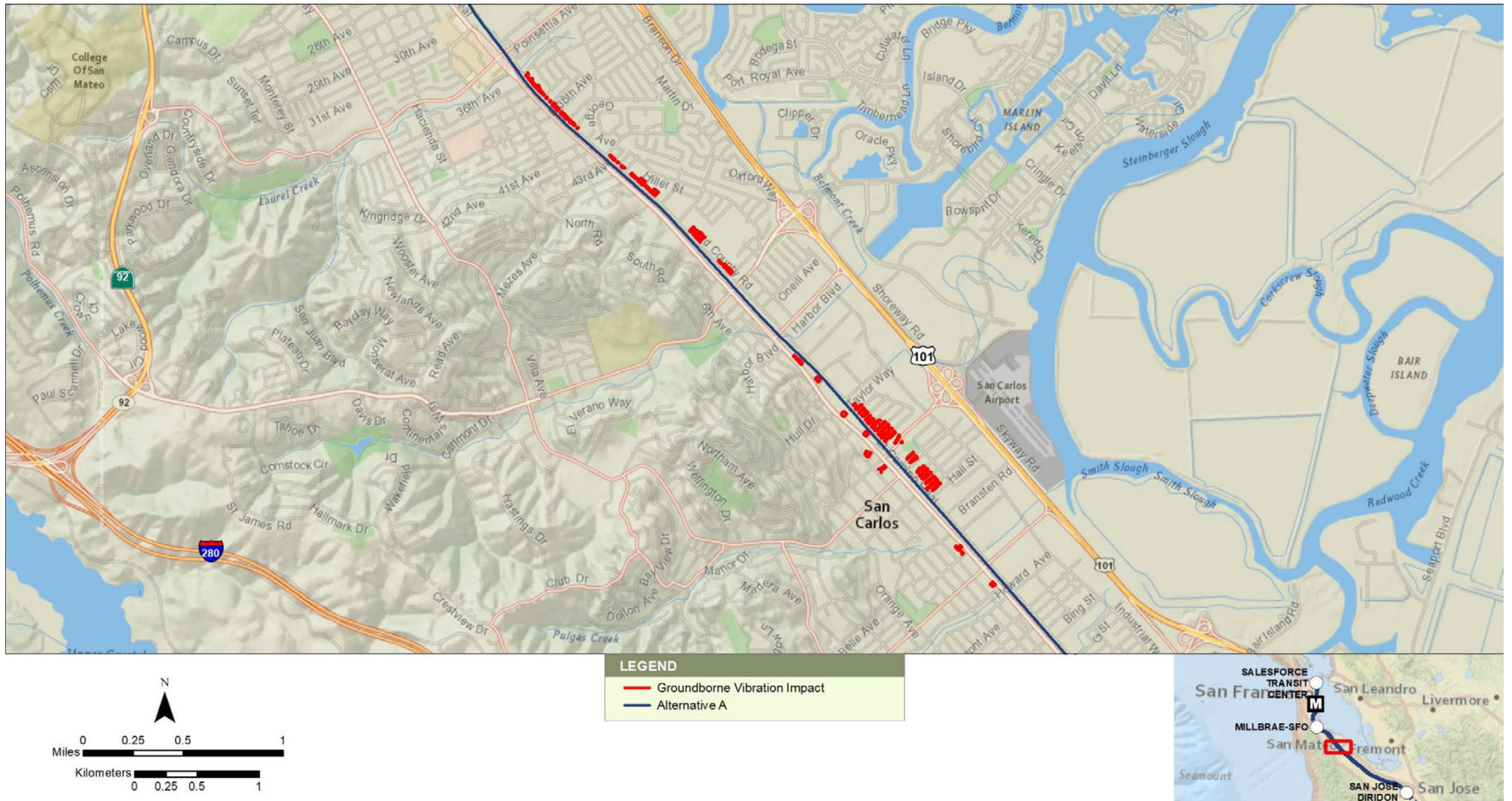


Figure C-124 2040 Plus Project Vibration Impact Locations—Alternative A

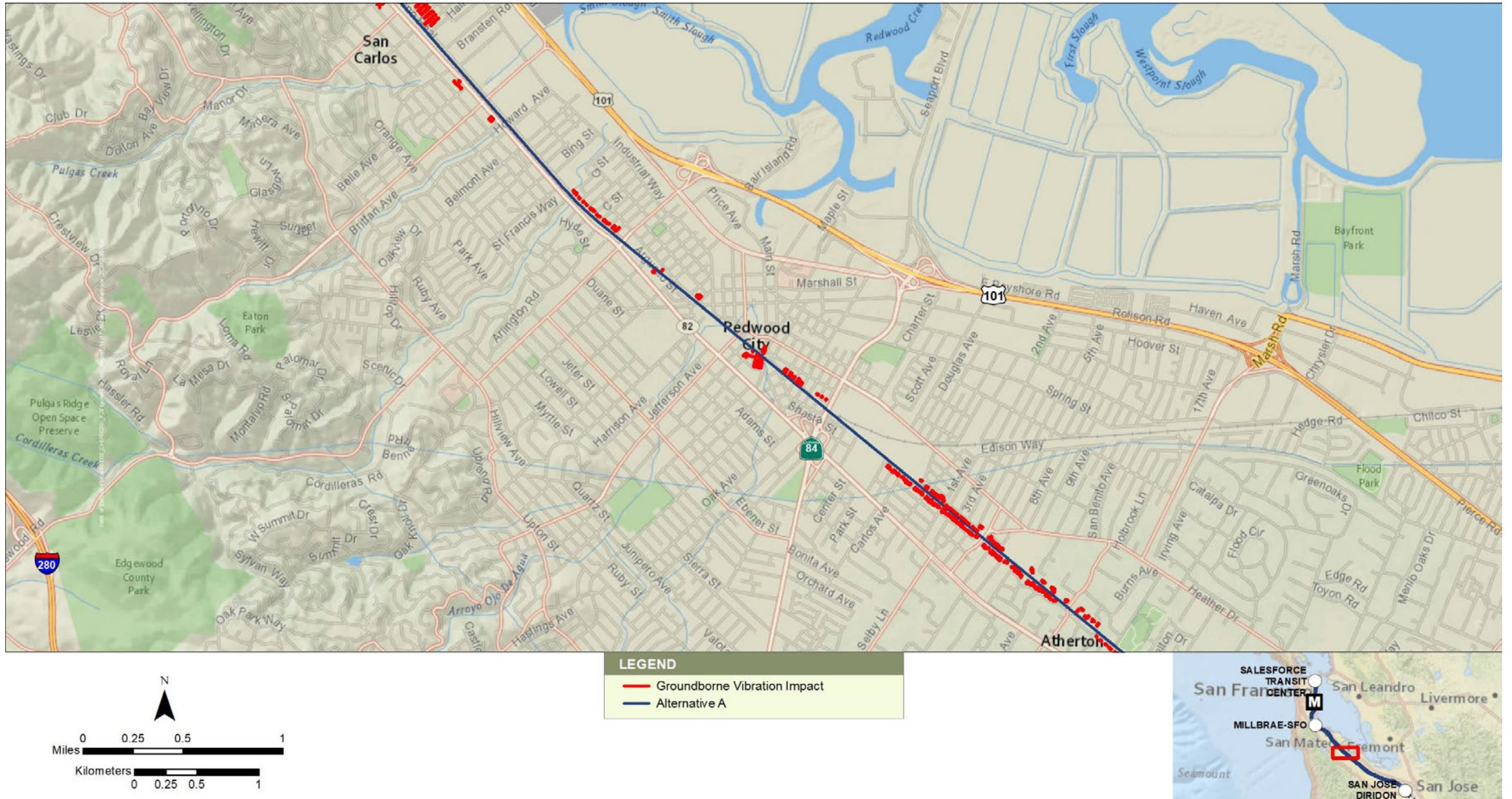


Figure C-125 2040 Plus Project Vibration Impact Locations—Alternative A



Figure C-126 2040 Plus Project Vibration Impact Locations—Alternative A

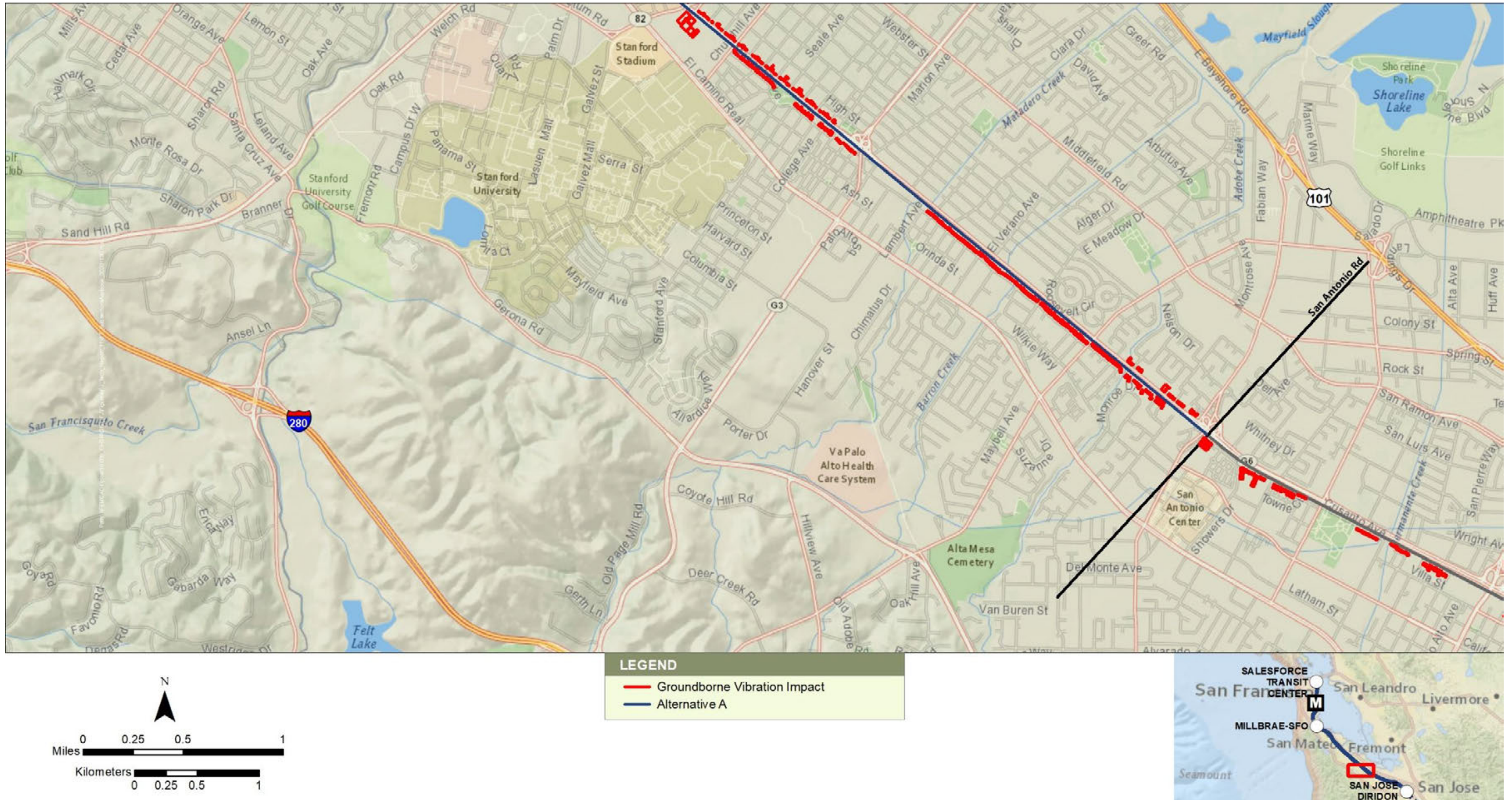


Figure C-127 2040 Plus Project Vibration Impact Locations—Alternative A

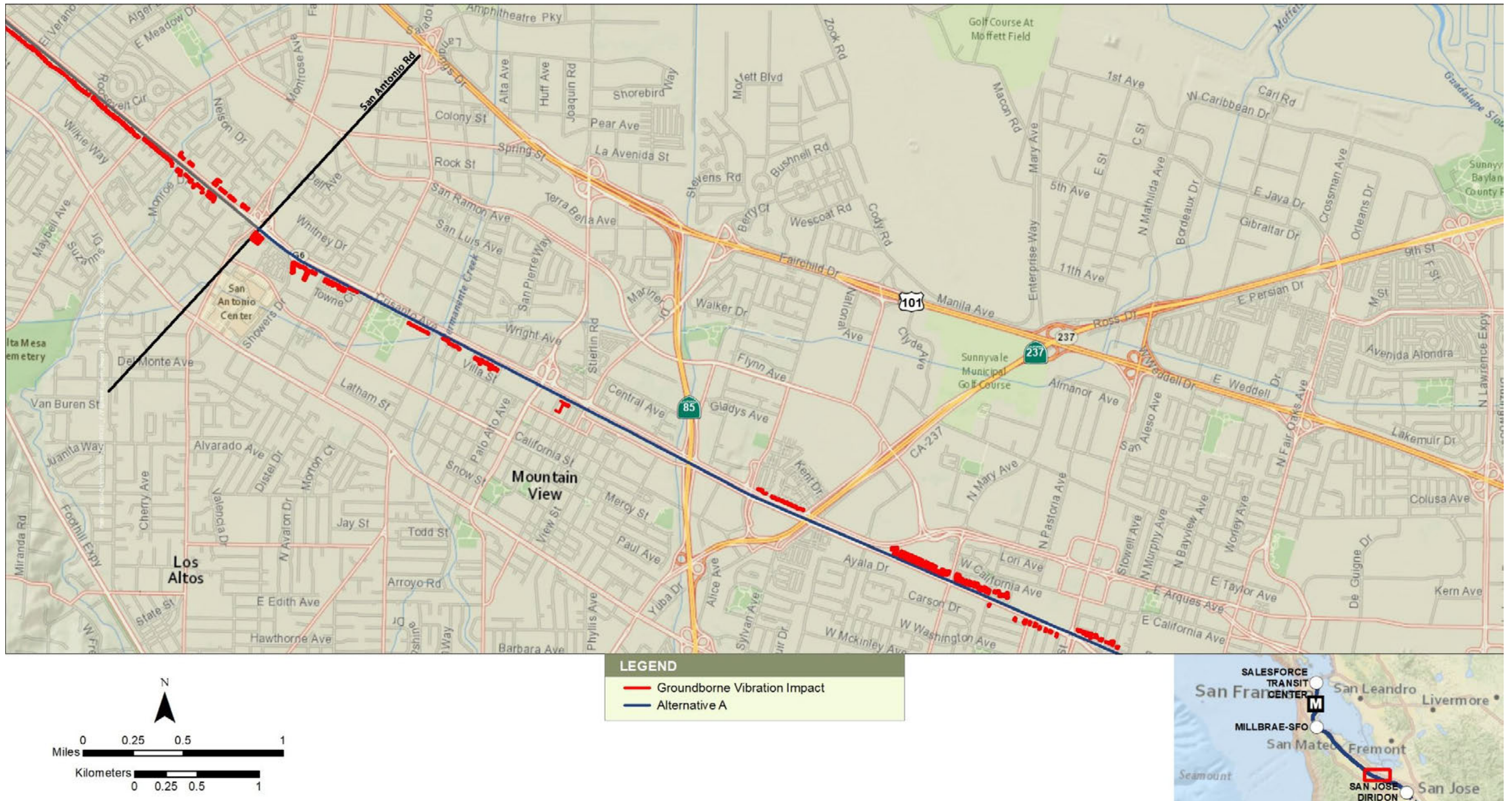


Figure C-128 2040 Plus Project Vibration Impact Locations—Alternative A

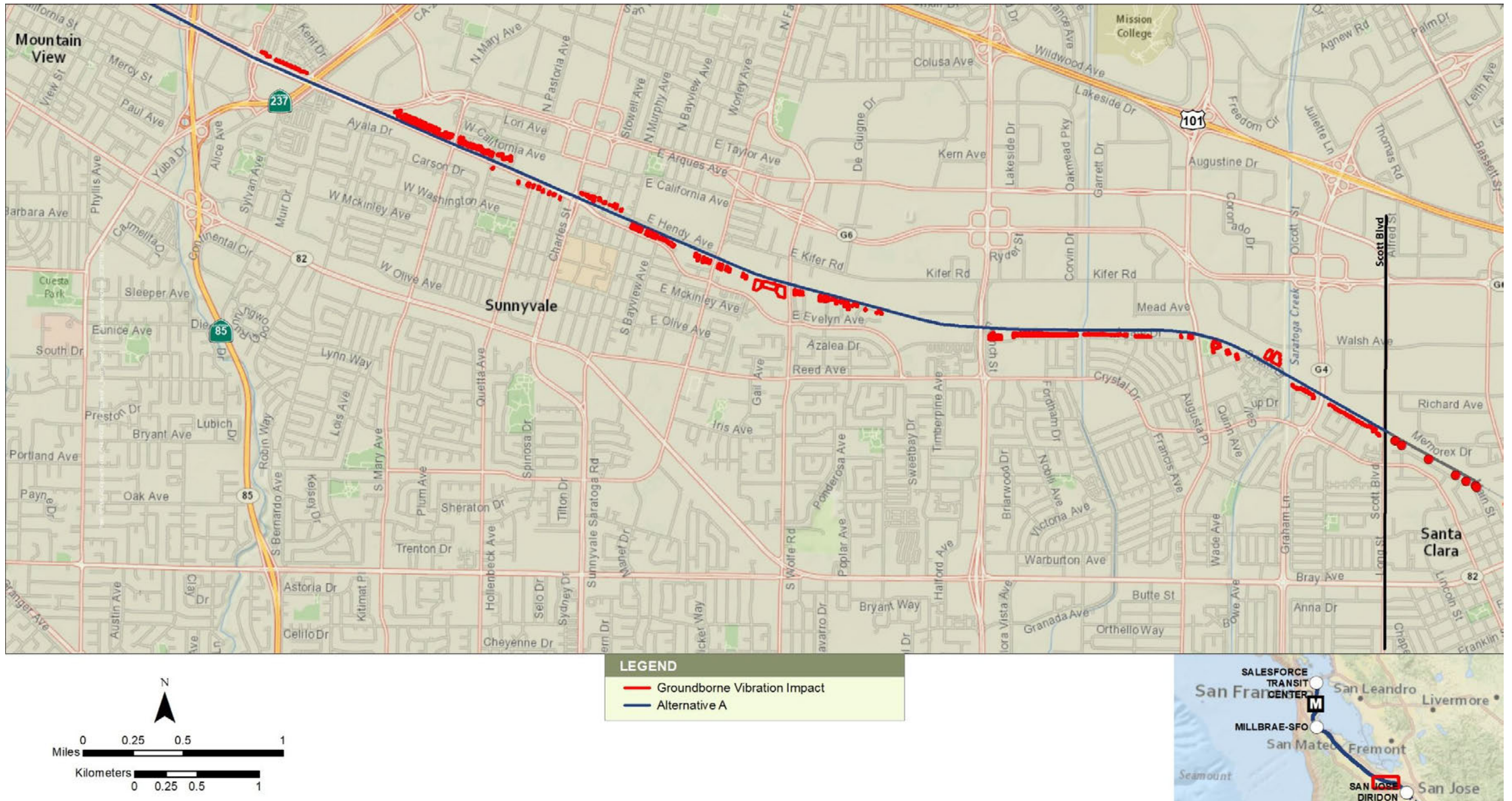


Figure C-129 2040 Plus Project Vibration Impact Locations—Alternative A

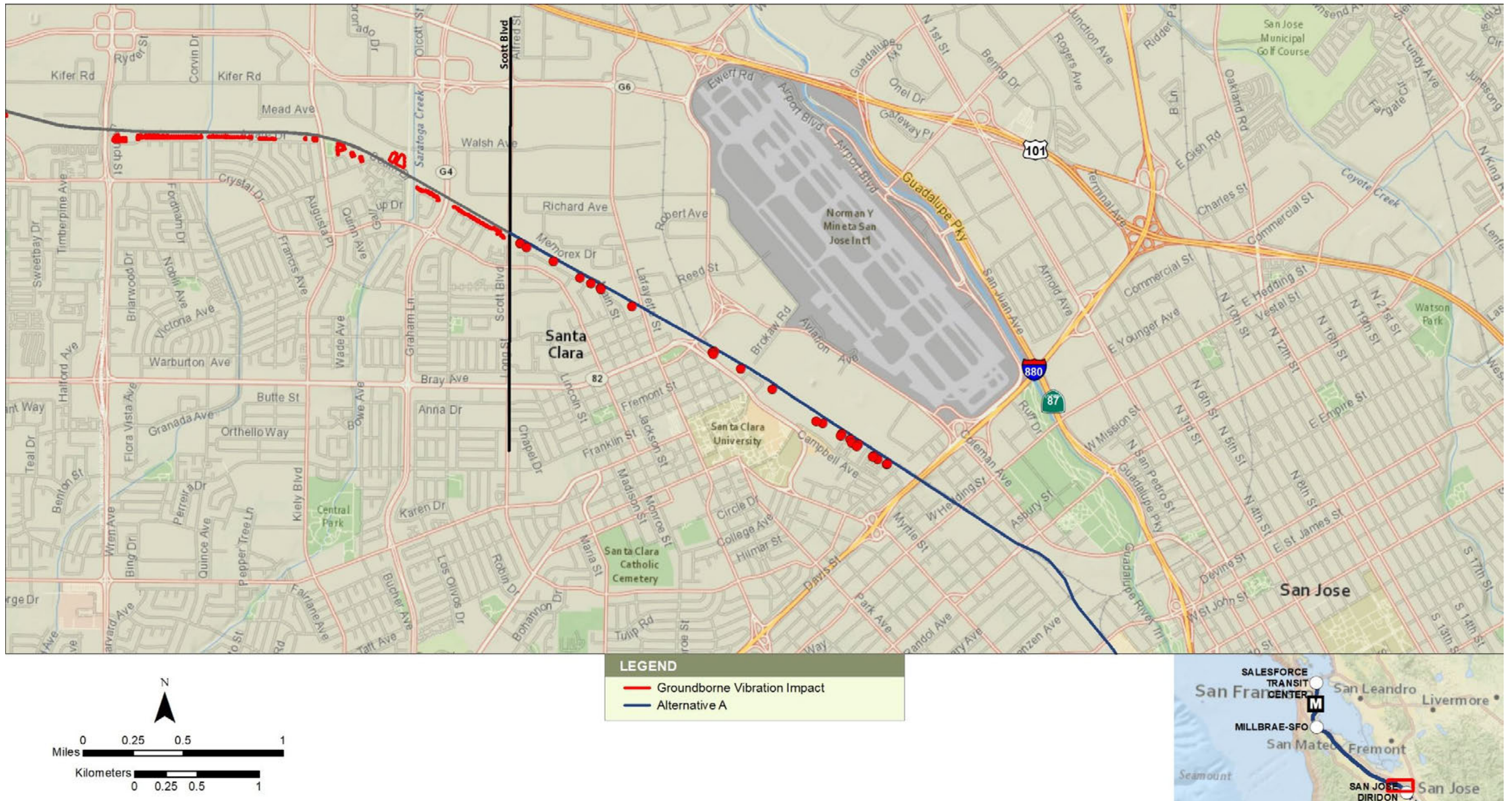


Figure C-130 2040 Plus Project Vibration Impact Locations—Alternative A



Figure C-131 2040 Plus Project Vibration Impact Locations—Alternative A



Figure C-132 2040 Plus Project Vibration Impact Locations—Alternative B

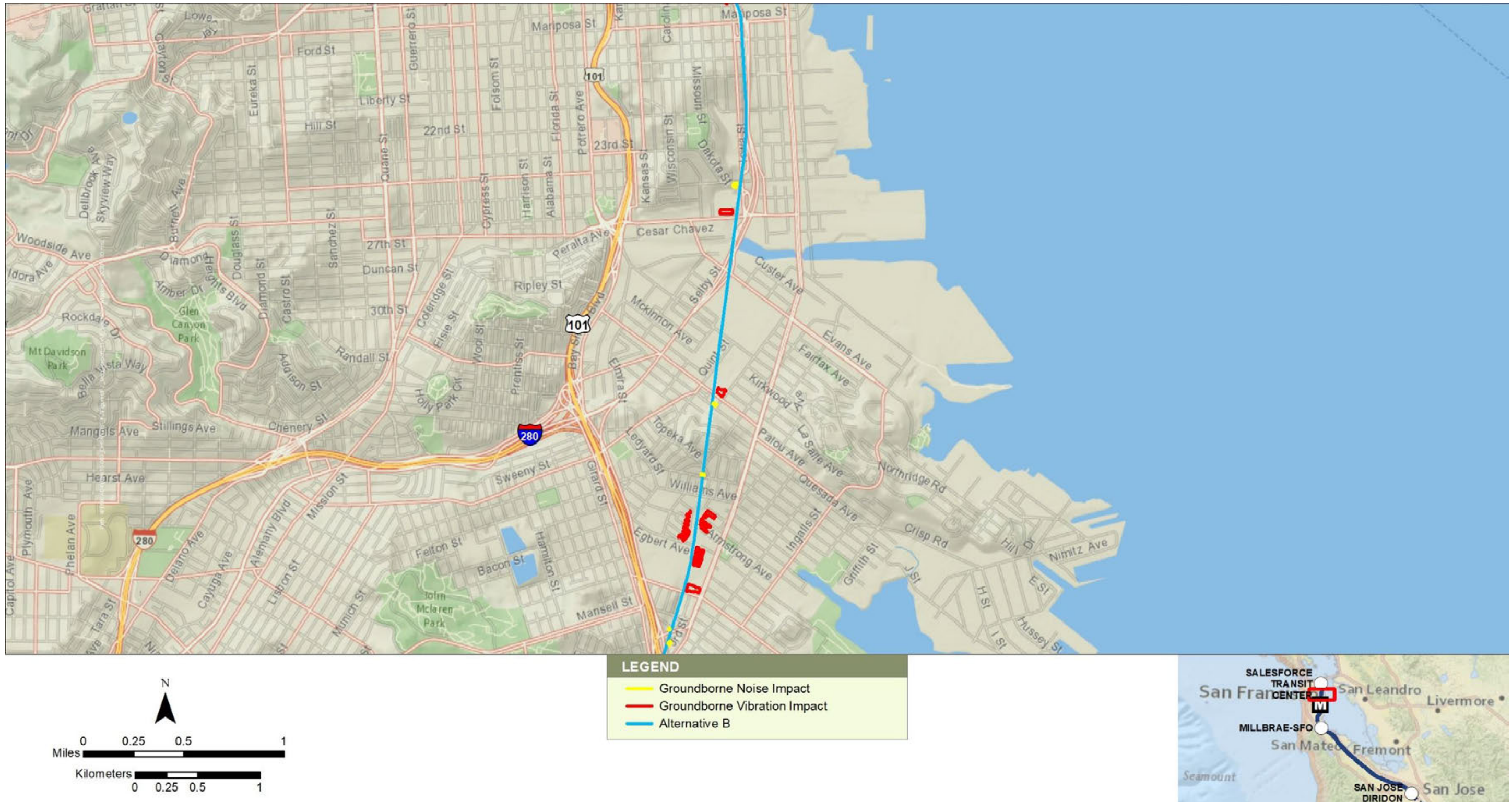


Figure C-133 2040 Plus Project Vibration Impact Locations—Alternative B



Figure C-134 2040 Plus Project Vibration Impact Locations—Alternative B



Figure C-135 2040 Plus Project Vibration Impact Locations—Alternative B



Figure C-136 2040 Plus Project Vibration Impact Locations—Alternative B



Figure C-137 2040 Plus Project Vibration Impact Locations—Alternative B

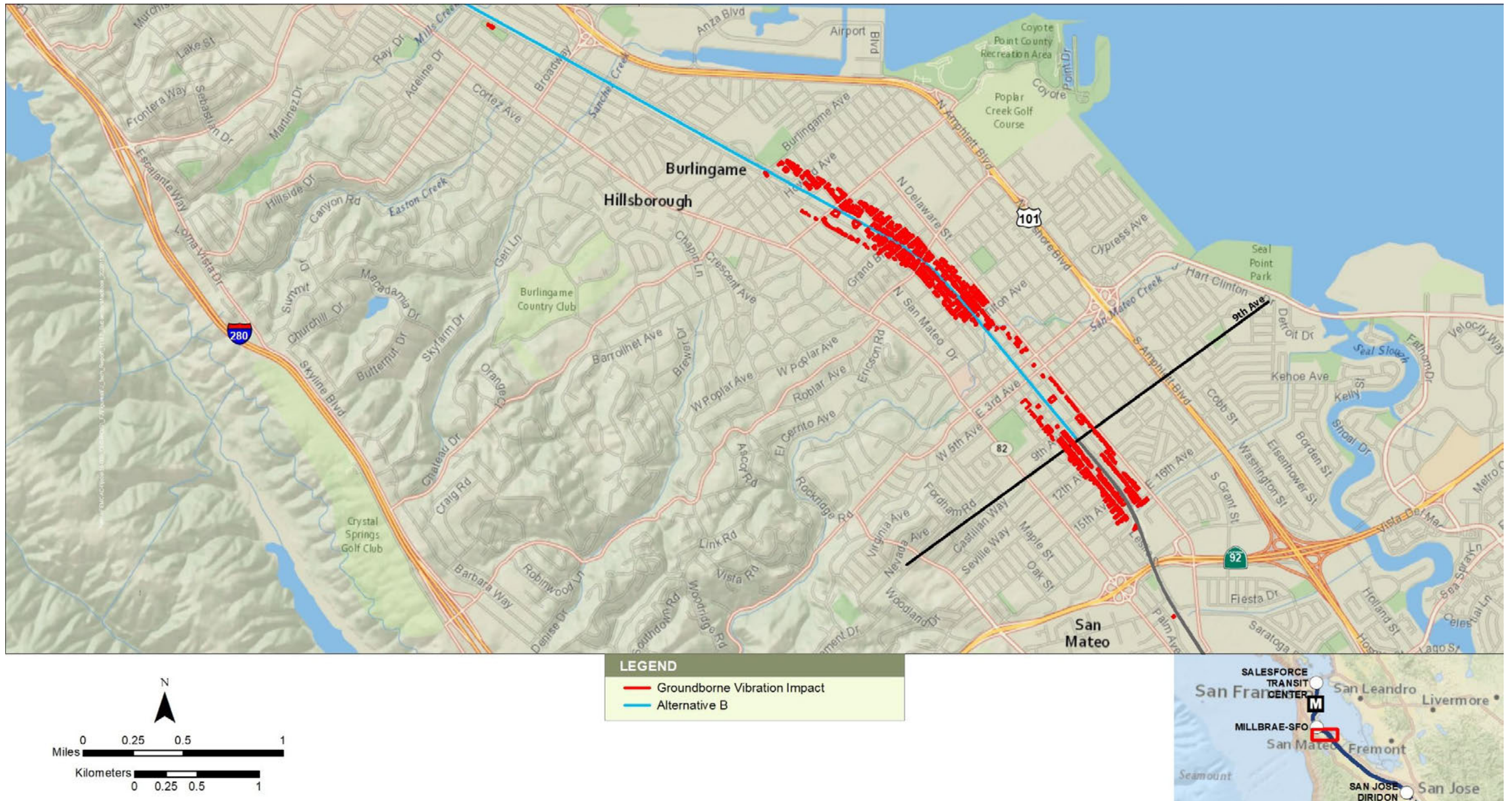


Figure C-138 2040 Plus Project Vibration Impact Locations—Alternative B

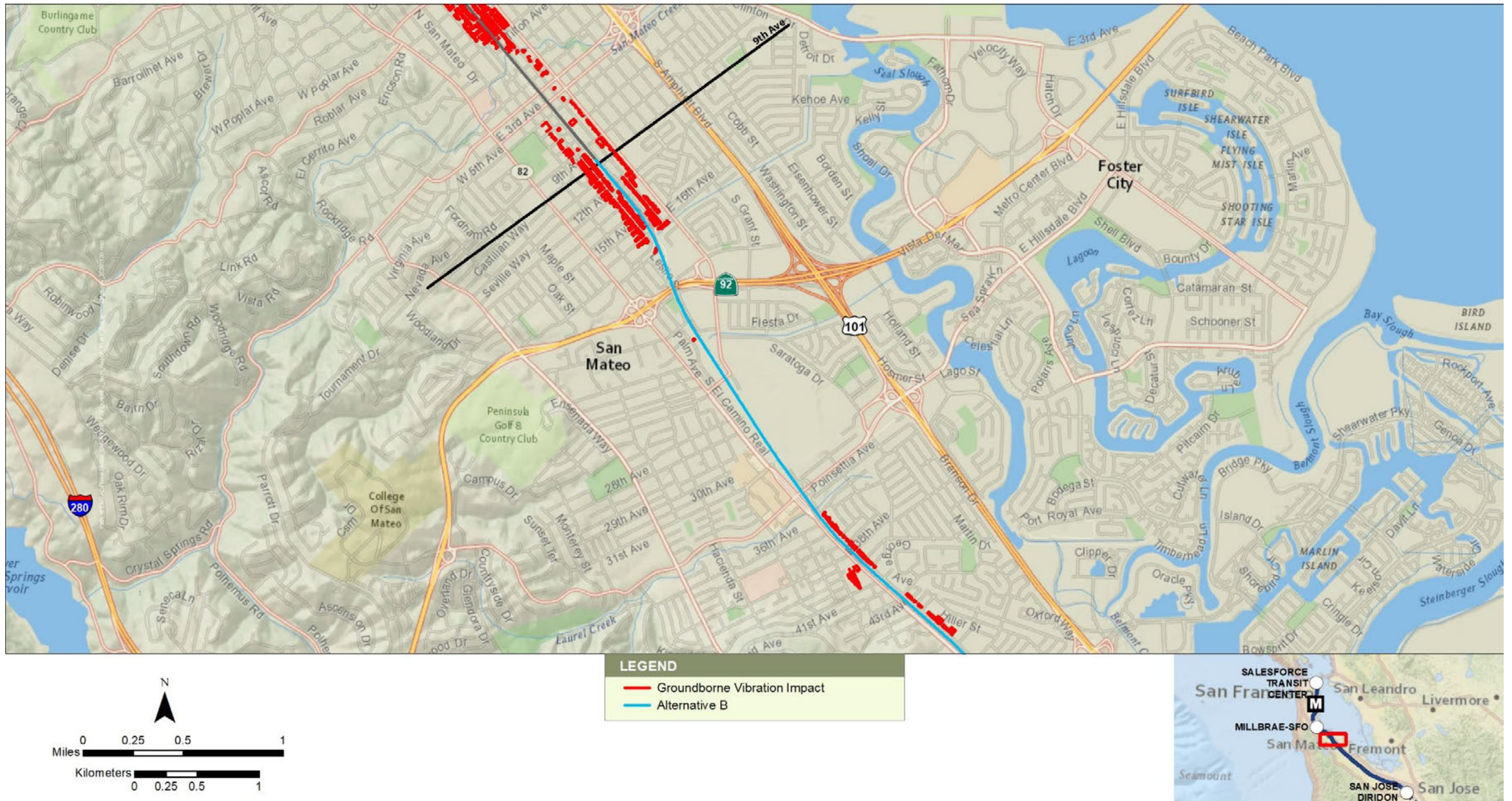


Figure C-139 2040 Plus Project Vibration Impact Locations—Alternative B

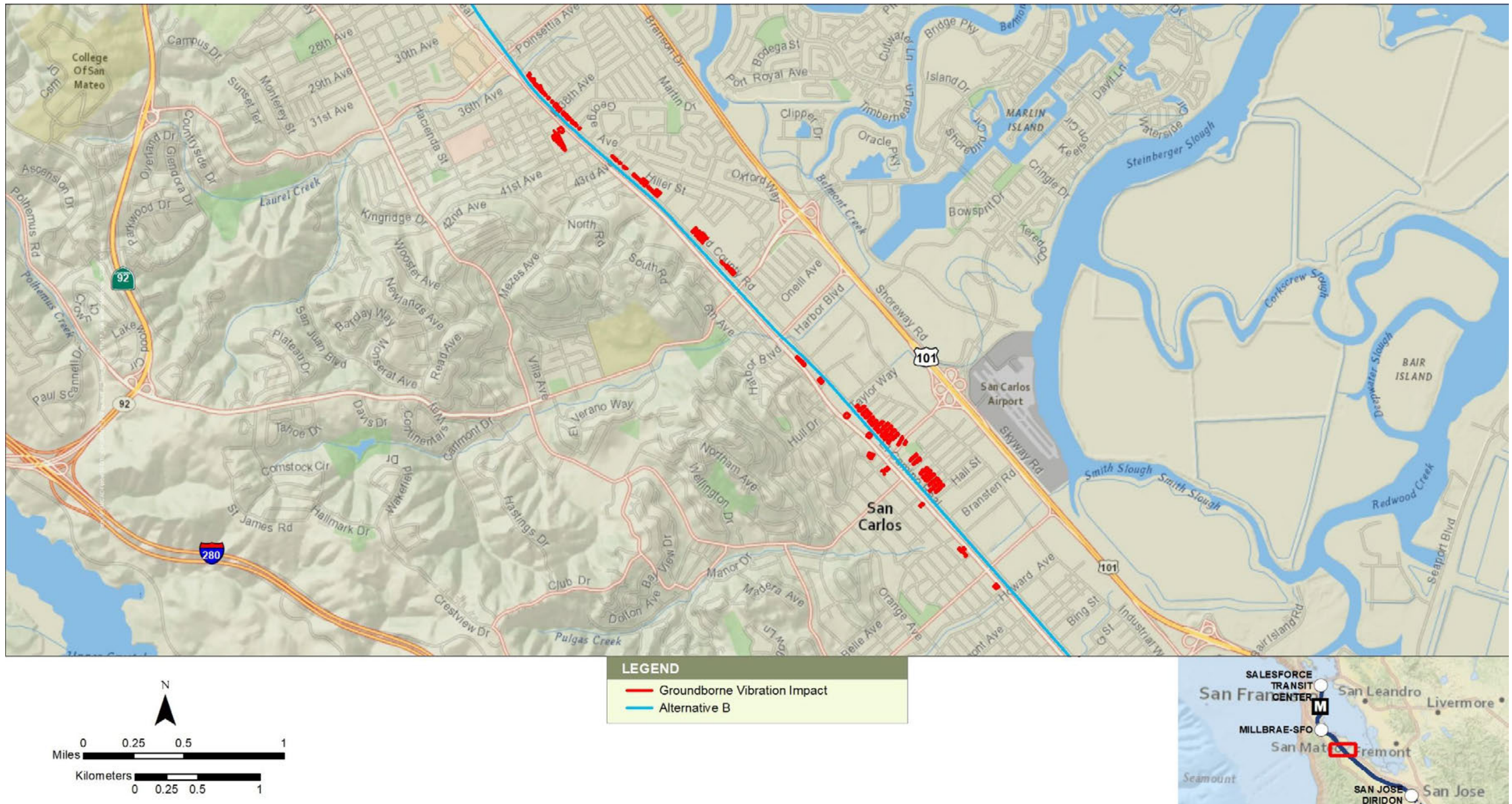


Figure C-140 2040 Plus Project Vibration Impact Locations—Alternative B

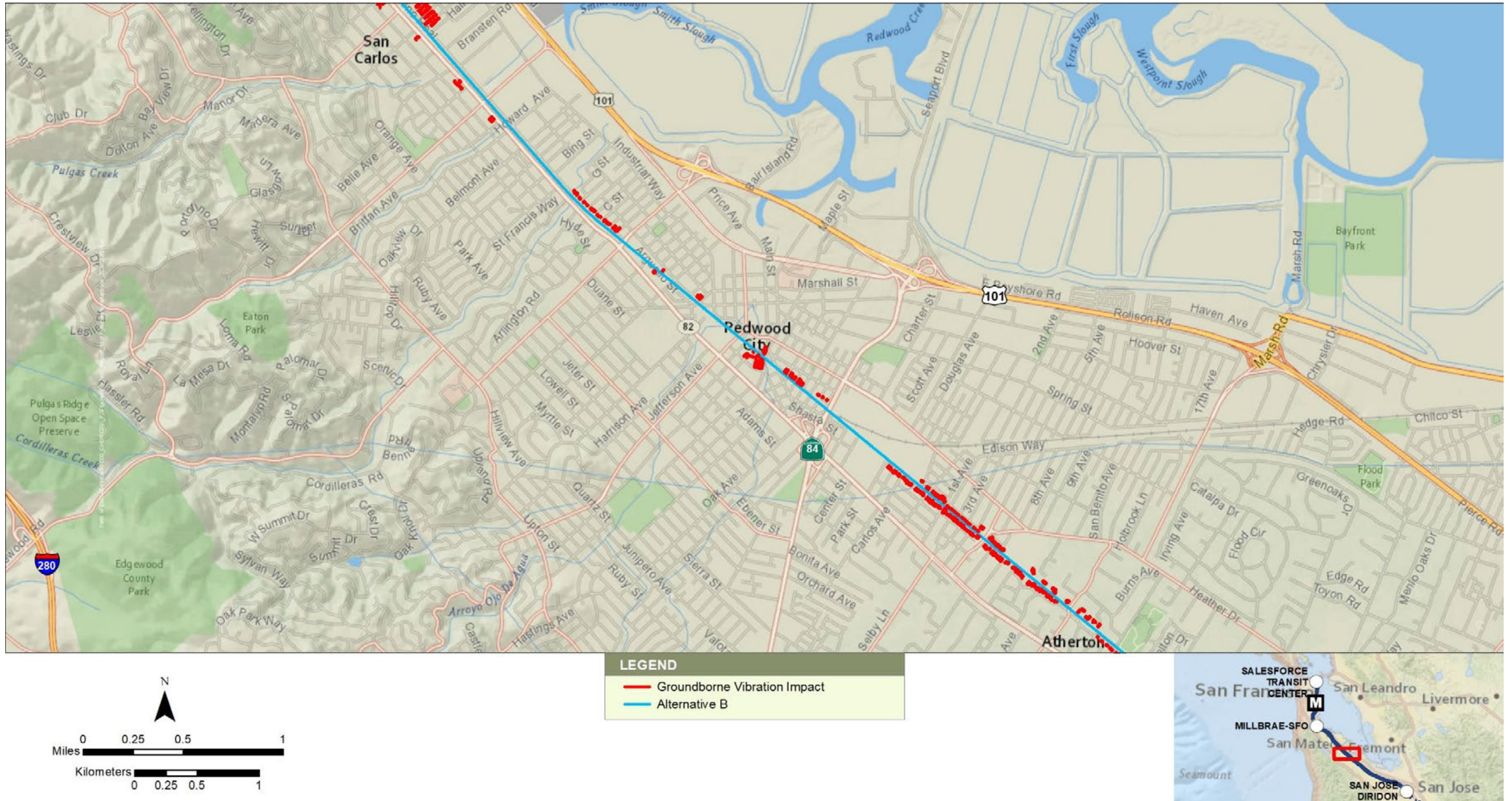


Figure C-141 2040 Plus Project Vibration Impact Locations—Alternative B



Figure C-142 2040 Plus Project Vibration Impact Locations—Alternative B

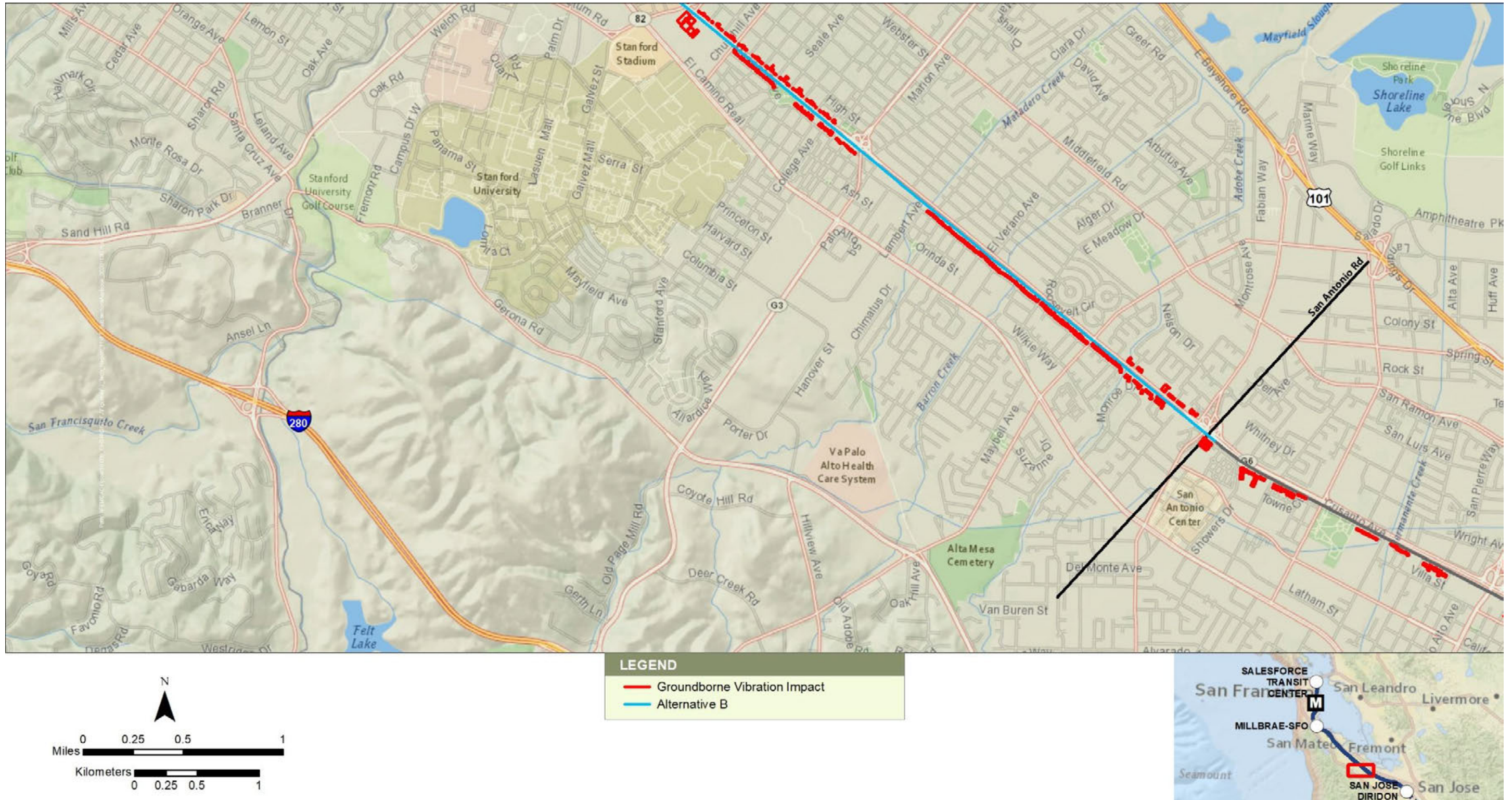


Figure C-143 2040 Plus Project Vibration Impact Locations—Alternative B

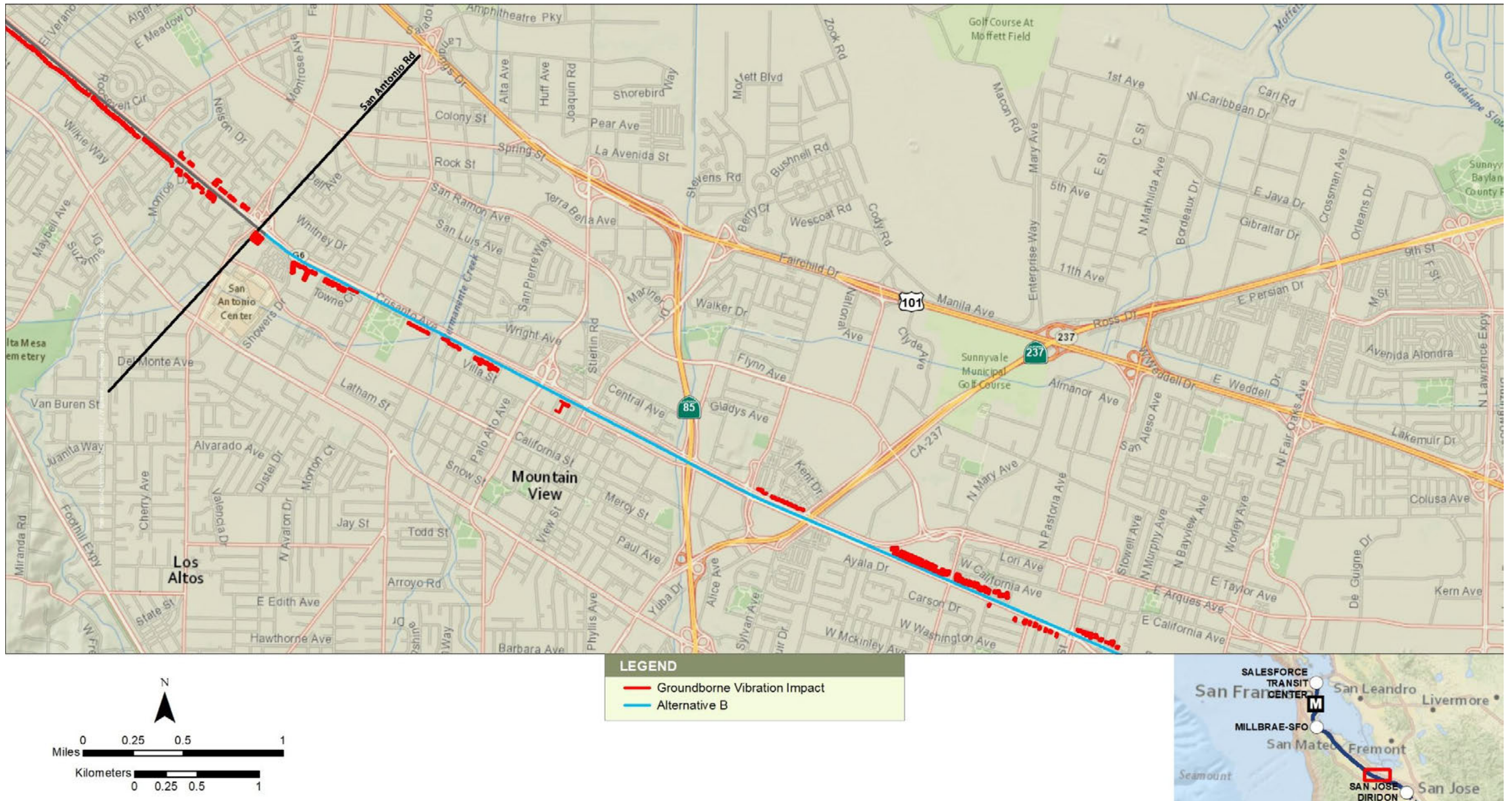


Figure C-144 2040 Plus Project Vibration Impact Locations—Alternative B

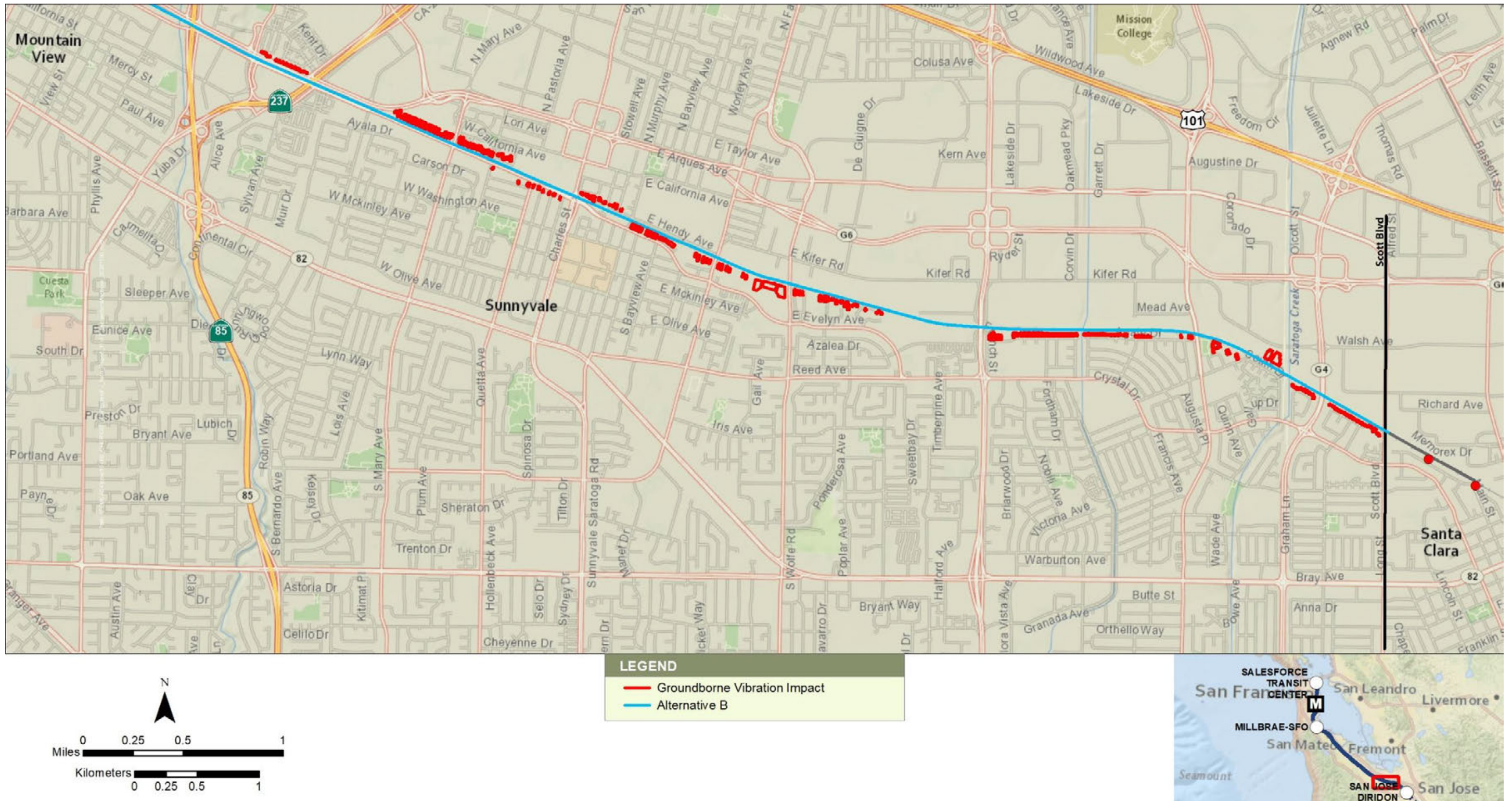


Figure C-145 2040 Plus Project Vibration Impact Locations—Alternative B (Viaduct to I-880)

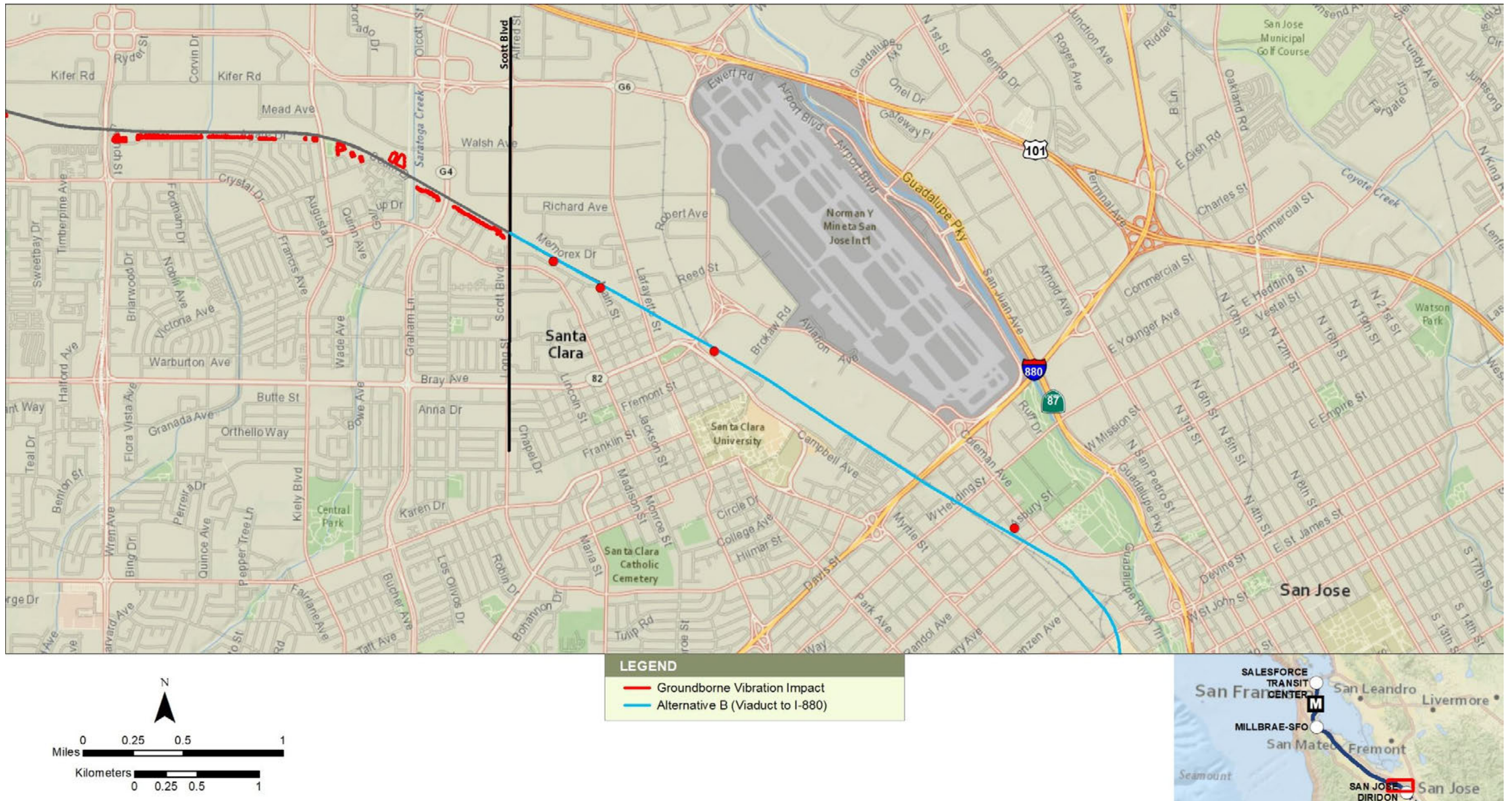


Figure C-146 2040 Plus Project Vibration Impact Locations—Alternative B (Viaduct to I-880)

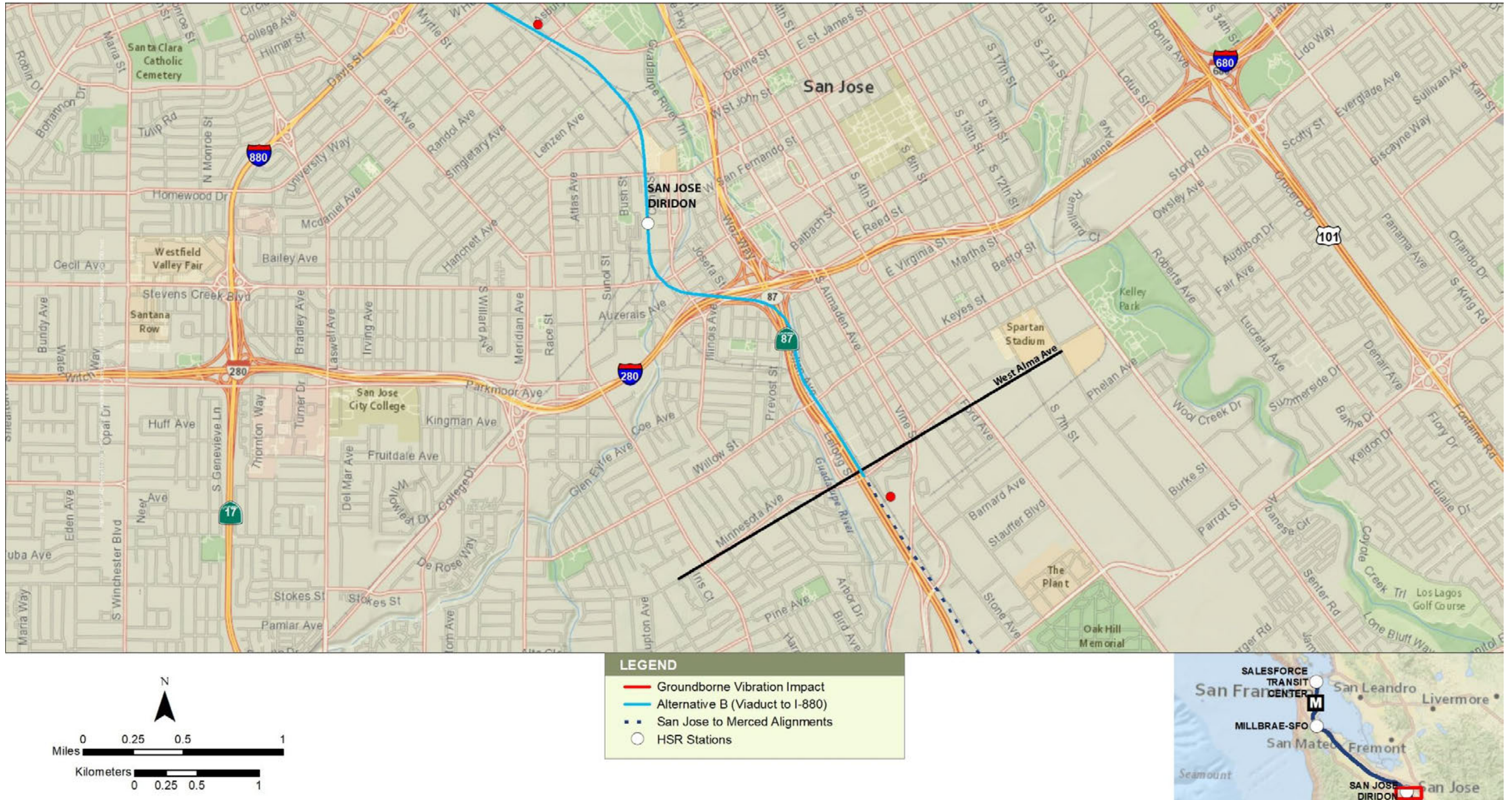


Figure C-147 2040 Plus Project Vibration Impact Locations—Alternative B (Viaduct to I-880)

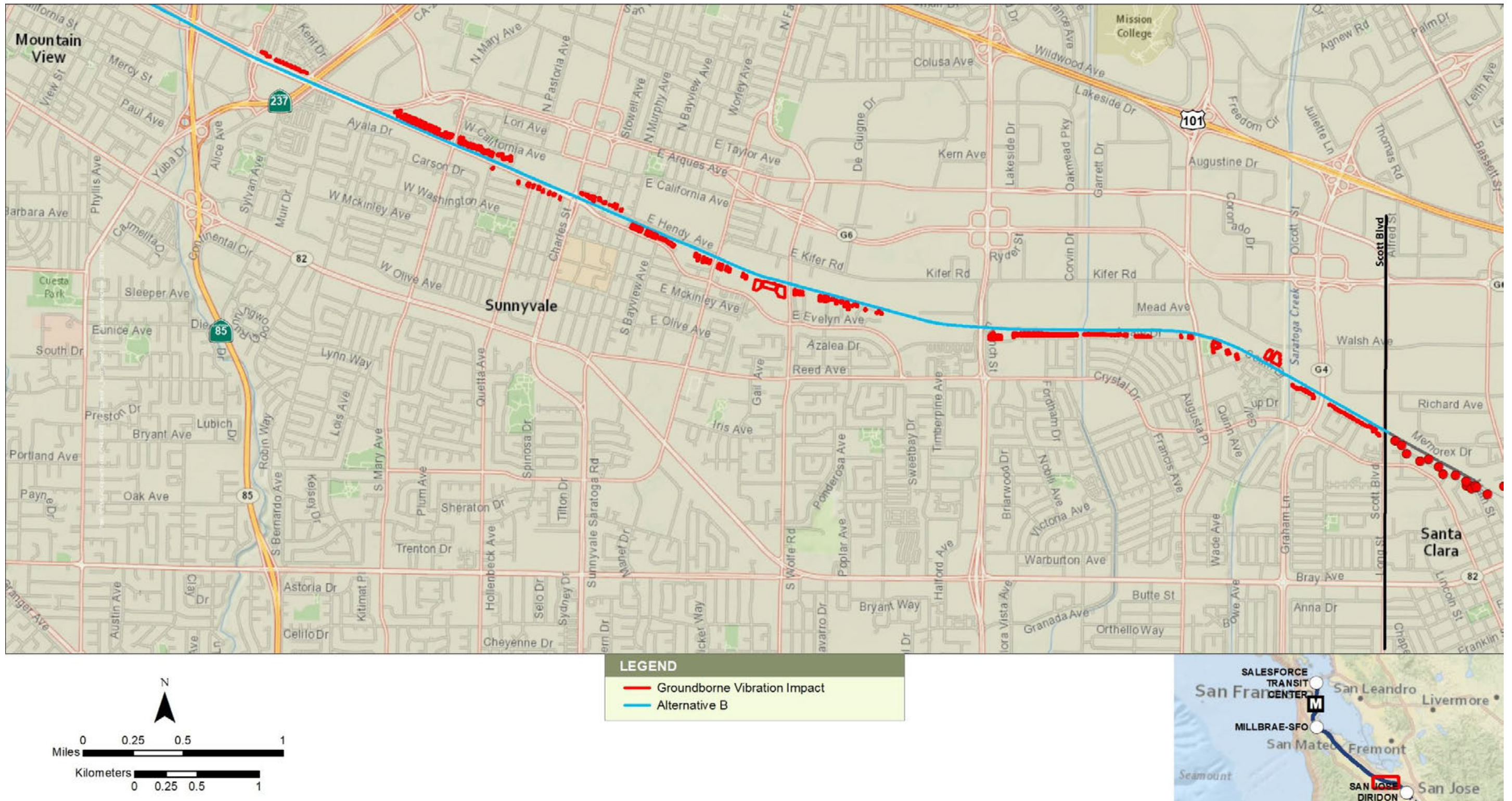


Figure C-148 2040 Plus Project Vibration Impact Locations—Alternative B (Viaduct to Scott Boulevard)

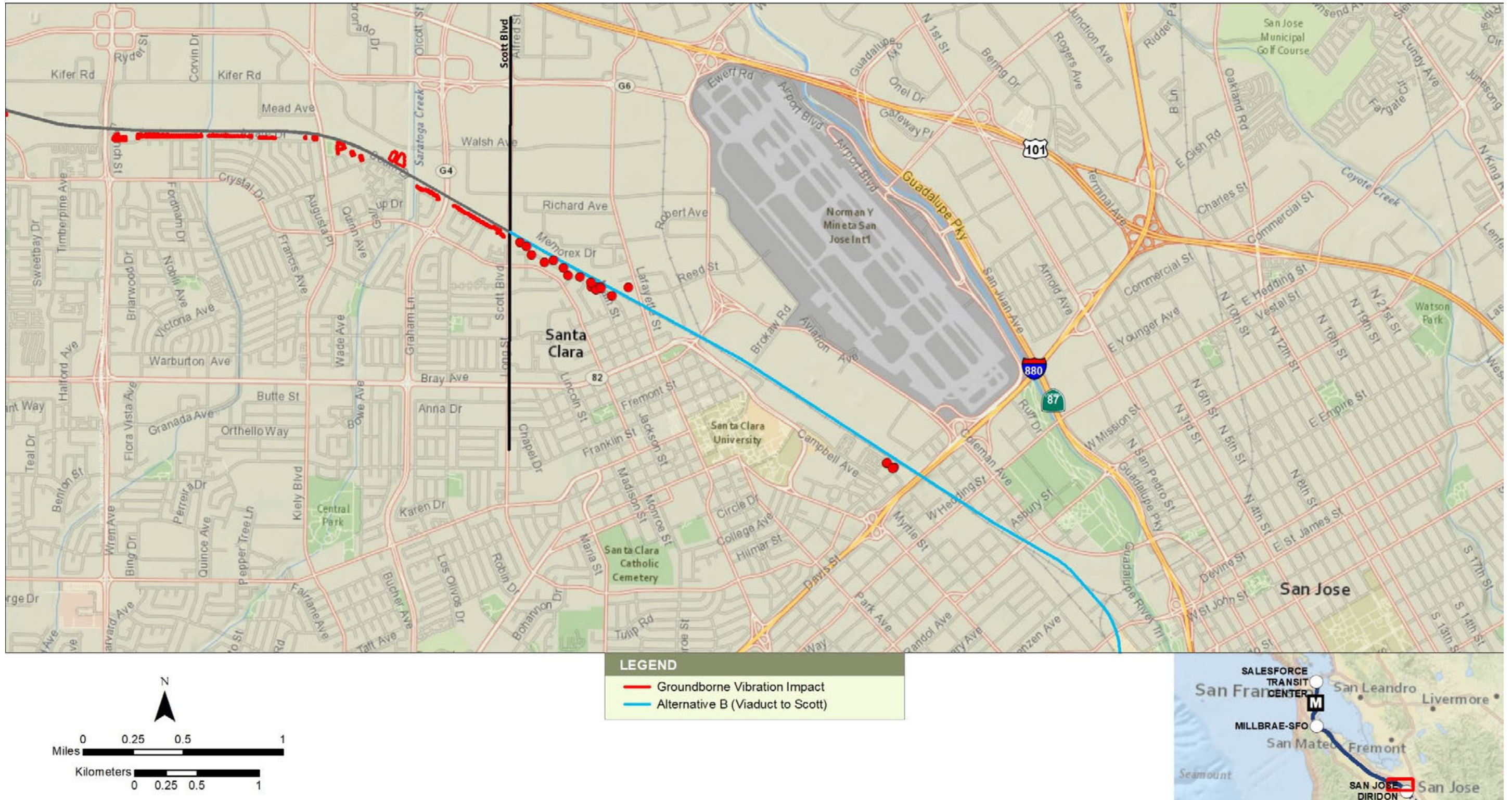


Figure C-149 2040 Plus Project Vibration Impact Locations—Alternative B (Viaduct to Scott Boulevard)

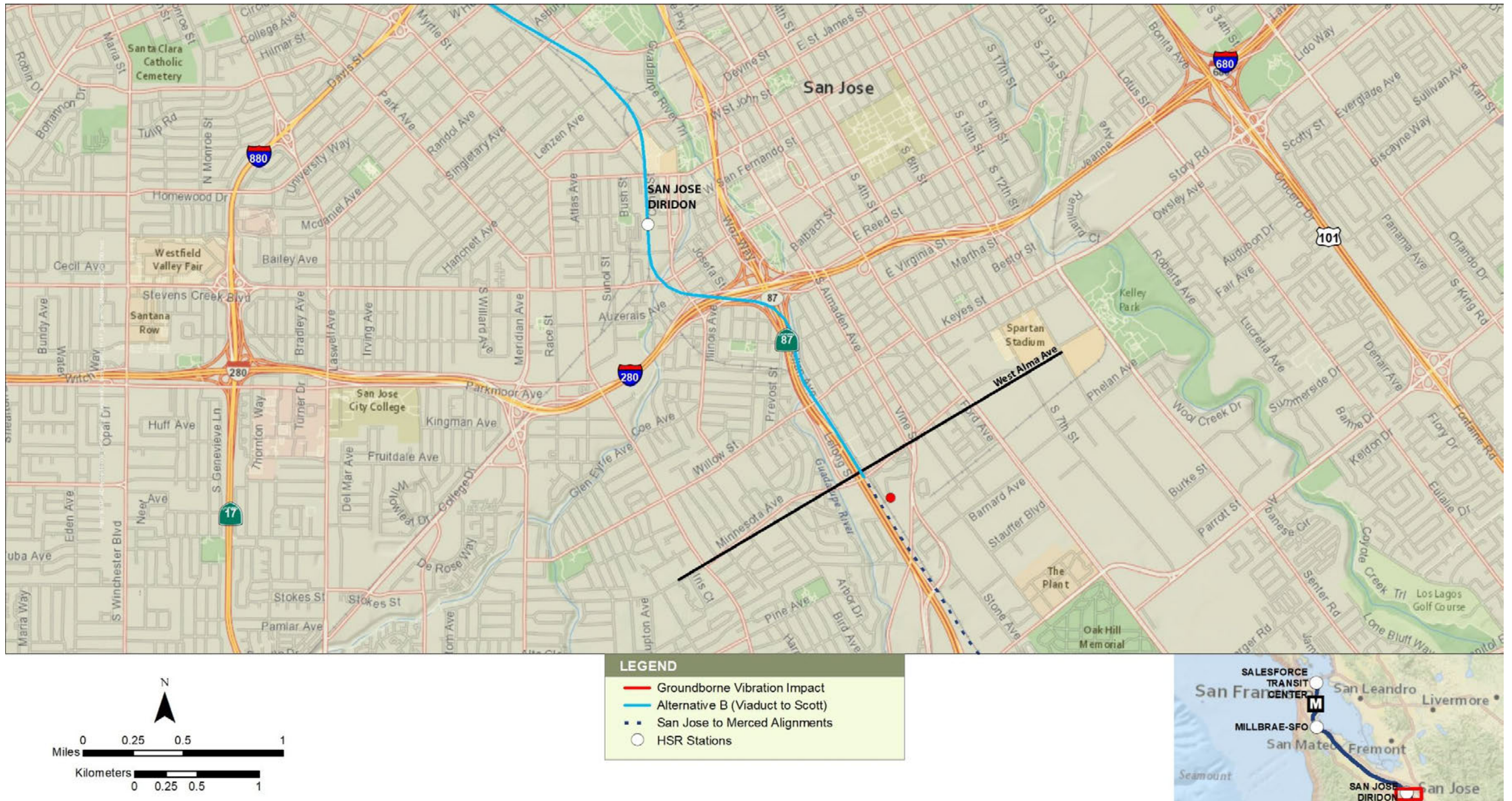


Figure C-150 2040 Plus Project Vibration Impact Locations—Alternative B (Viaduct to Scott Boulevard)