FIGURE 12: ALIGNMENT A NOISE IMPACT LOCATIONS
FIGURE 14: ALIGNMENT A NOISE IMPACT LOCATIONS

Note: According to ETL guidance, groups of residences and single outdoor noise-sensitive areas should be treated as one. The map may represent more than one residence as an example in the case of clusters of multi-family buildings.

The dots and icons indicate the location of noise impact from each element in some instances. A single dot on the map represents one of the locations from which the noise is emitted.
FIGURE 15: ALIGNMENT B NOISE IMPACT LOCATIONS

Note: According to the guidance, groups of residences and large outdoor noise sensitive areas should be clustered and a receiver of interest selected from each cluster in some instances. A single dot on the map may represent more than one residence as, for example, in the case of clusters of multi-family buildings.
FIGURE 16: ALIGNMENT B NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and larger outdoor noise sensitive areas should be treated and represented on the map as one or more dots rather than a single dot on the map.
FIGURE 18: ALIGNMENT B NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and larger outdoor noise sensitive areas should be treated as a single dot on the map. The color of the dot may represent more than one residence as for example in the case of clusters of multi-family buildings.
FIGURE 19: ALIGNMENT C NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and select outdoor noise sensitive areas should be clustered and a receiver of interest selected from each cluster in some instances. A single dot on the map may represent more than one residence as, for example, in the case of clusters of multi-family buildings.
FIGURE 20: ALIGNMENT C NOISE IMPACT LOCATIONS
FIGURE 21: ALIGNMENT C NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and noise sensitive areas should be represented more than once, and in some instances, a single dot on the map may represent more than one residence, for example, in the case of a cluster of multi-family buildings.
FIGURE 22: ALIGNMENT C NOISE IMPACT LOCATIONS

Note: According to the guidance, groups of properties and/or receiver areas should be clustered and represented on the map as a single area, as depicted in some instances. A single dot on the map may represent more than one residence or facility.
FIGURE 23: ALIGNMENT C NOISE IMPACT LOCATIONS

Note: According to FTA guidance groups of residences and target outdoor noise-sensitive areas should be considered in some instances. A single dot on the map may represent more than one residence, as for example in the case of clusters of multi-family buildings.

Alignment C
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FIGURE 24: ALIGNMENT C NOISE IMPACT LOCATIONS

Note: A surrounding group of residences and targeted outdoor noise sensitive areas should be represented on the map by a cluster or a single dot on the map.
FIGURE 25: ALIGNMENT C NOISE IMPACT LOCATIONS

Note: According to FAA guidance, groups of residences and/or target outdoor noise-sensitive areas should be treated as a single noise receptor. Some receptors may represent more than one residence as, for example, the case of clusters of multi-family buildings.

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with Alignment C

Metropolitan Council

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FIGURE 26: ALIGNMENT D1 NOISE IMPACT LOCATIONS

Note: According to the guidance, groups of residences and large outdoor noise-sensitive areas should be clustered and, therefore, if there are less than one residence as, for example, in the case of clusters of multifamily buildings, one dot on the map may represent more than one residence.
FIGURE 27: ALIGNMENT D1 NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and large outdoor noise-sensitive areas should be "cluttered." For convenience, a single dot on the map may represent more than one residence as, for example, in the case of clusters of multifamily buildings.
FIGURE 28: ALIGNMENT D1 NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and large outdoor noise-sensitive areas should be clustered and a receiver of interest selected from each cluster. In some instances, a single dot on the map may represent more than one residence or building.

Alignment D1
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with Plymouth Ave North Park Station Option

Metropolitan Council

December 2012
FIGURE 29: ALIGNMENT D1 NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and other noise-sensitive areas should be clustered and represented on the map. Figures illustrate an example of clusters of multiple residential buildings.
FIGURE 30: ALIGNMENT D2 NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and larger outdoor noise-sensitive areas should be "clustered" and a receiver of interest selected from each cluster. In some instances, a single dot on the map may represent more than one residence as, for example, in the case of clusters of multi-family buildings.
FIGURE 31: ALIGNMENT D2 NOISE IMPACT LOCATIONS

Note: According to FTA guidance groups of residences and large outdoor noise-sensitive areas should be clustered and a receiver of interest selected from each cluster. In some instances, a single home on the map may represent more than one residence as, for example, in the case of clusters of multifamily buildings.
FIGURE 32: ALIGNMENT D2 NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and larger outdoor noise sensitive areas should be clustered and a representative residence selected from each cluster. In some instances a single dot on the map may represent more than one residence as for example, in the case of a cluster of multifamily buildings.
FIGURE 33: ALIGNMENT D COMMON SECTION NOISE IMPACT LOCATIONS

Note: According to TIA guidance, groups of residences and larger outdoor noise-sensitive areas should be selected from each cluster in some instances to highlight the noise impacts of the alignment.
FIGURE 34: ALIGNMENT D COMMON SECTION NOISE IMPACT LOCATIONS

Note: According to FTA guidance, groups of residences and larger outdoor noise-sensitive areas should be clustered and, where evident, depicted in an aggregated format. The map may represent more than one residence as shown in the example. In cases of overlapping property boundaries, buildings, and common facilities, pg 20.
FIGURE 39: ALIGNMENT C VIBRATION IMPACT LOCATIONS
Note: According to FTA guidance, groups of residences and large outdoor noise-sensitive areas should be clustered and a single point elected from each cluster in some instances. Also, the map may represent more than one residence as, for example, in the case of clusters of multifamily buildings.