Work in Progress - Not for Public Distribution



- 1 Appendix M
- ₂ FTA MODELING FILES
- 3 Appendix M contains Federal Transit Administration noise and vibration modeling files used to assess
- 4 transit-related noise and vibration for the IBR Project.



Table M-1. Wayside Transit Noise Predictions

| IBI | Transit N | loise Assessment - 05 | rt - 05Feb2023 | | | | | | | | Reference Passby | | | | | | | |
|-----|-----------|------------------------------|----------------------|-------------------------------------|------------------|------------------------------|-------------------------------|--|-------------------|----|---------------------|--------------------------------------|----------------|--------------------|------------------|-----------------|--|--|
| Re | ceiver#L | ocation of Receiver | Receiver Type | Address of Receiver | Transit Facility | Approximate Distance (ft) | Elevation of Receiver (ft) | Elevation of Transit Facility (ft) | Slant Distance | | Existing Ldn | Passby Noise Level at Receiver | Project Ldn | Moderate Impact | Severe Impact | Impact (Y/N) | Type of Track (direct fixation, ballast & tie, embedded, other?) | Near Special Trackwork? (Yes/No) |
| | LRT-1 | E 7th St./E C St. | MFR | 316 E 7th St Vancouver, WA 98660 | Track | 46 | 46 | 43 | 46.1 | 50 | 83 | 81 | 69 | 66 | 71 | Υ | Direct Fixation | Yes |
| | LRT-2 | E 8th St/ E C St. | Hotel | 801 C St Vancouver, WA 98660 | Track | 60 | 85 | 57 | 66.2 | 50 | 80 | 80 | 67 | 66 | 71 | Υ | Direct Fixation | Yes |
| | LRT-3 | Haydn Island ! Houseboats | SFR/5 house boats | 1625 N. Jantzen Ave. | Track | 40 | 3 | 65 | 73.8 | 50 | 77 | 79 | 67 | 66 | 75 | Y | Direct Fixation | |

Table M-2. Wayside Transit Noise Predictions

