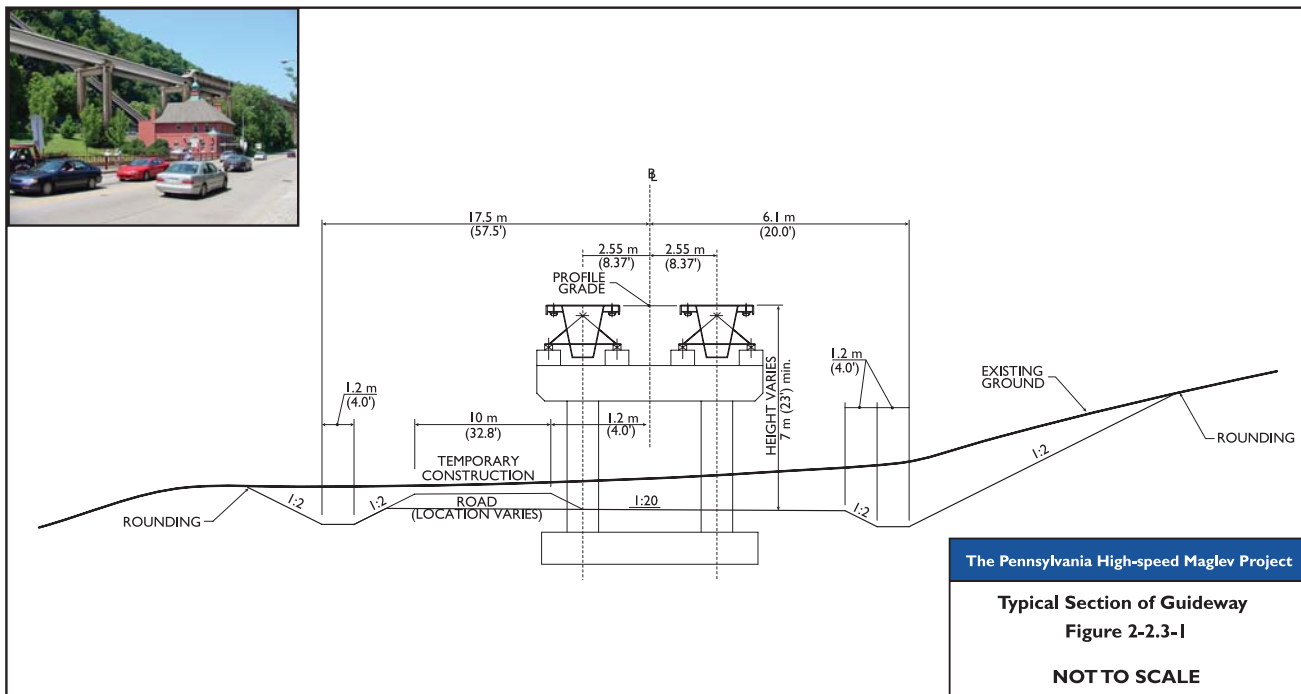


project will also utilize Type II, maximum 25 meters (82 feet) in length, and Type III, 6 meters (20.3 feet) in length, as required. Other configurations are also possible up to the maximum of 62 meters (203 feet) in length. The guideway will be constructed at varying heights, enabling the elimination of all at-grade crossings and providing improved safety over other transportation modes. The minimum height planned for the guideway is 5 meters (16.5 feet). Guideway pier heights between 5 meters (16.5 feet) and 25 meters (82 feet) can be constructed without special civil structures (bridges). Secondary civil structures are planned for pier heights above 25 meters (82 feet) or span lengths greater than 37 meters (121 feet). Figure 2.2.3-1 shows a typical section of guideway.



2.2.4 Vehicles

Vehicles operating over the guideway are coupled together in groupings referred to as “consists” (Figure 2.2.4-1). The vehicles themselves are referred to as “sections” and to the casual observer would resemble train cars in use today on high-speed railway systems.

Consists would likely be comprised of three sections, but consists of up to ten sections are possible with no degradation of service. The length of consists on the proposed system, however, has been limited to five sections (two end sections and three middle sections) to accommodate a manageable

