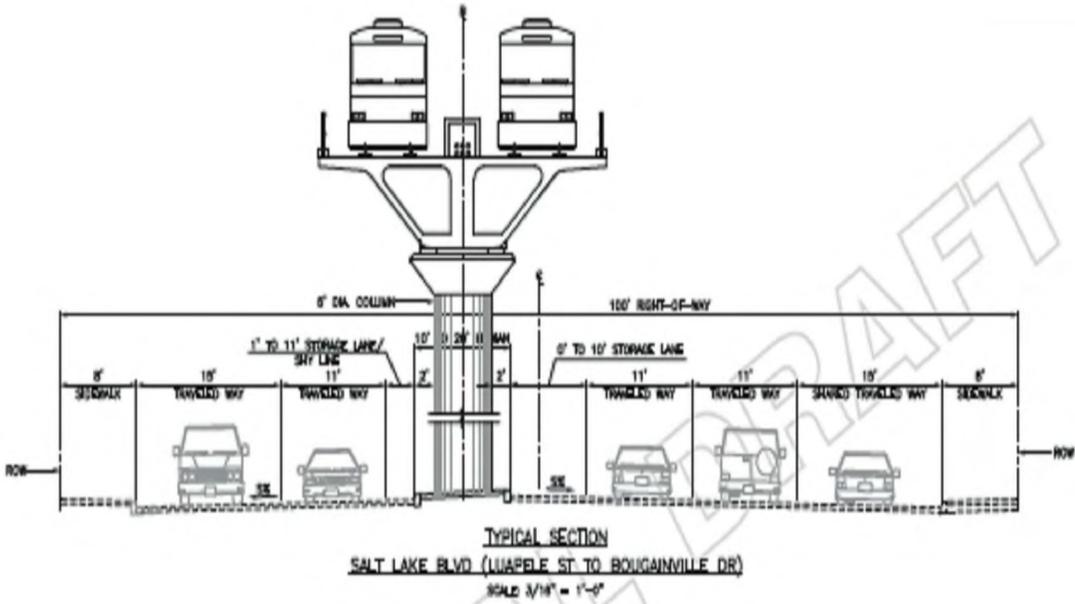


Radford High School

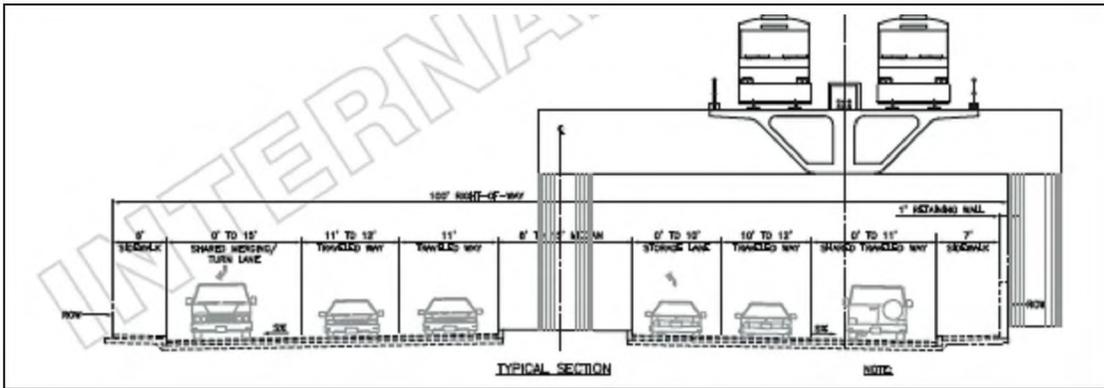
It is proposed to place no more than 3 columns within Radford High School property along Salt Lake Boulevard. These columns are necessary to support the aerial guideway of the rail transit system. The columns will be approximately 150 feet apart starting from the corner of Bougainville Drive and extending in the ewa direction 250 to 300 feet. The columns will be located just behind the sidewalk or existing wall. The columns are configured into straddle bents which span Salt Lake Boulevard to support the aerial guideway as it curves through the Bougainville Drive intersection. The straddle bents are required to provide space for left turn lanes from Salt Lake Boulevard onto Bougainville Drive.

The columns will be approximately 6 feet in diameter, with foundations approximately 8 feet in diameter. The exact dimensions and column spacing will be determined in final design. Once the new guideway clears the left turn lanes, the support structure will return to a standard concentric column configuration within the median of Salt lake Boulevard. Typical straddle and concentric bent configurations are shown on the attached drawings. In addition, a drawing showing the proposed property requirement at Radford High School is attached. No property will be required at Makalapa Elementary School.

Conceptual Drawings
For Discussion Only



Typical Concentric Bent



Typical Straddle Bent

