

Detour

(This section last updated 05-08-13)

This typical is not to be used for median crossovers.

PW is Pavement Width

SGW is Subgrade Width

T is Pavement Thickness

The 6-inch Special Backfill in Tons/Station column can be determined by flooding the area to get a cross-sectional square foot area and then multiplying by the following to convert to Tons/Station:

$$\text{Value} = \frac{\text{Filled sf area} * 100 \frac{\text{ft}}{\text{sta}} * 140 \frac{\text{lbs}}{\text{cf}}}{2000 \frac{\text{lbs}}{\text{ton}}}$$

The 140 lbs/cf value comes from Design Manual [1B-4](#) for Special Backfill.

Refer to Design Manual [9C-6](#) for additional information.