2_57 Modeling Roadways Approaching Skewed Bridges

Question:

As a roadway approaches a skewed bridge, where one side of the template is all shoulder and the other side transitions from pavement to approach slab and then to bridge, are there templates that handle this transition? How do you generate a model that doesn't result in slopes spilling onto a roadway beneath a bridge (on one side)?

Answer:

In SS2 Corridor Modeling, bridges and approach slabs assume a 90° skew.

Although it is possible, currently there are no effective and efficient way to model these transitions. Even with a left bridge template and right road template, the skew of the end conditions/side slopes, of the roadway, is perpendicular to the horizontal alignment.