

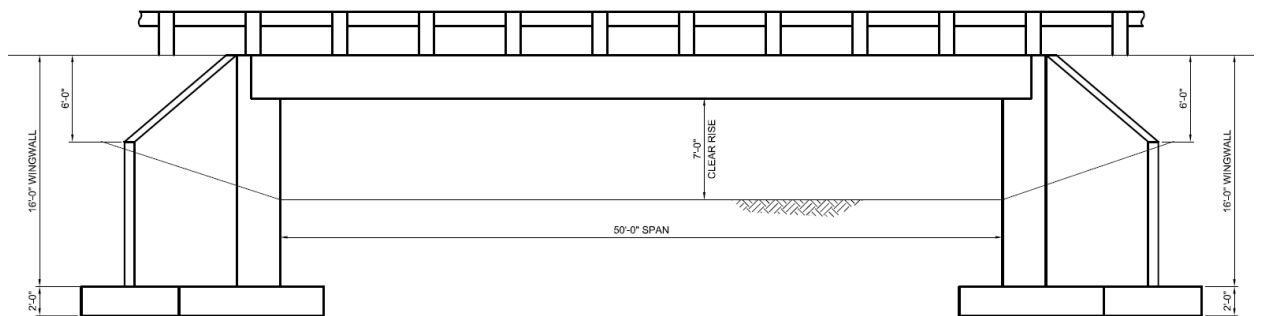
END ELEVATION – OPTION 2

Option 3:

Steel I-Beam Girder Bridge on CIP Concrete Abutments

50'-0" span x 30'-0" wide Steel I-Beam Girder with Precast Concrete Retaining Walls

While the steel beam offered a minimal material supply cost for the bridge superstructure, the total construction cost represented the highest cost option. The cost of the abutments is the greatest contributing factor, and the need for approach slabs was unique to this structure type as compared to the two buried options. It should be noted that the cost of a shorter H-pile-supported abutment was also evaluated and found to require a higher budget.



END ELEVATION – OPTION 3

X. Construction Timing

A preliminary timeline of the construction of each option is listed below. This timeline includes all bridge-related construction but does not include any bid or contract scheduling, grading, soil improvements, material lead times, or the construction of the roadway over the structure. It was assumed that no road closures or traffic control are needed to build this new access road.