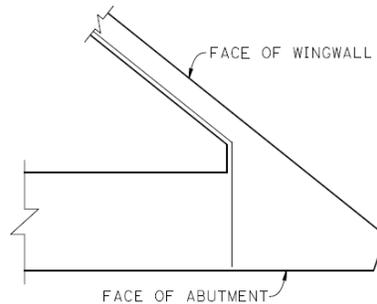




Bridge Design Details 6.11 February 2020

Abutment Wingwall Corners

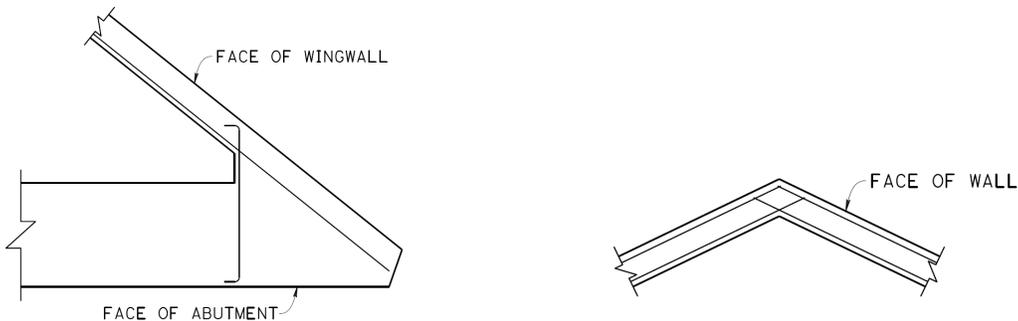
Tension reinforcement shall not be bent around a re-entrant corner of an acute abutment. The small amount of concrete cover is not sufficient to keep the reinforcing from straightening.



INCORRECT

Figure 6.11.1 Abutment Wingwall Corners

Reinforcement in each face should be straight and extend the required development length after it crosses the bar from the other direction. Standard practice for detailing reinforcement in all corners and angle changes in members is shown below.



CORRECT

Figure 6.11.2 Abutment Wingwall Corners