To control top flange cracking that may occur during form removal, apply horizontal top flange reinforcing bars to girder ends at the Fabricator's option.

**OPTIONAL TOP FLANGE REINFORCING DETAIL**

**OPTIONAL WELDED WIRE REINFORCEMENT (WWR) DETAIL**

Longitudinal wire area must be 40% or greater of vertical deformed wires area.

To determine reinforcement placement in skewed ends, place Bars A as close to girder end as cover requirements permit, which may prevent them to be bundled with Bars R.

Bars may be cut or bent at skewed end as required.

Increase as necessary for bars at skewed end.

No portion of bar less than 10 ft.

For Welded Wire Reinforcement (WWR) option, area of Bars A may be reduced in proportion to the increase in reinforcement yield strength over 60 ksi. Yield strength of WWR is limited to 75 ksi.

Reinforcing patterns shown are provided as guides to determine reinforcement placement in skewed ends. Place Bars A as close to girder end as cover requirements permit, which may prevent them to be bundled with Bars R.

Bars may be cut or bent at skewed end as required.

Increase as necessary for bars at skewed end.

No portion of bar less than 10 ft.

For Welded Wire Reinforcement (WWR) option, area of Bars A may be reduced in proportion to the increase in reinforcement yield strength over 60 ksi. Yield strength of WWR is limited to 75 ksi.

Reinforcing patterns shown are provided as guides to determine reinforcement placement in skewed ends.