

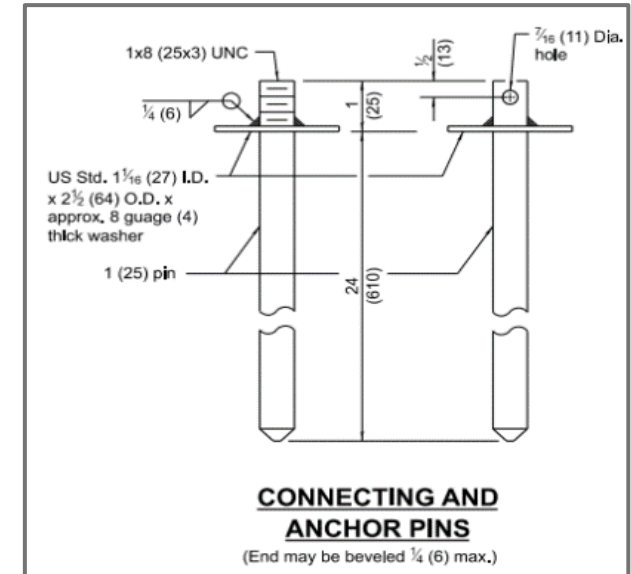
Illinois F-Shape Temporary Concrete Barrier (TCB) Anchoring and Pinning Guidance

General Guidance

- Anchoring the first and last TCB segment is ALWAYS required.
- Connecting pins are to be installed in the connecting loops of adjacent TCB segments.
- Anchor pins shall be fully embedded with the washer flush to the TCB anchor hole.
- Equipment/ materials shall not be stored within 24 inches behind freestanding barrier and 6 inches behind pinned barrier, behind the taper of the TCB run, or within the buffer zone.
 - A minimum of 6 inches of flat, paved surface shall be maintained behind the TCB prior to a drop-off.

Pinning Guidance

- TCB pinning locations should be identified in the contract documents.
- Pinning is typically required when:
 - a drop-off greater than 2 inches is within 24 inches of the back of the barrier, or a fixed object is within 24 inches from the back of the barrier.
 - an uncompleted bridge deck or approach slab is within 37 inches from the back of the barrier (pinning typically provided per BBS Base Sheet R-27).



From Highway Standard 704001

