thickness less 0.5 inch sacrificial thickness. The top and bottom concrete covers shall be 2.5 inch (2.0 inch design cover + 0.5 inch sacrificial) and 1.5 inch, respectively.

For movable bridge spans, the minimum overall deck thickness shall be 7.0 inch with top and bottom concrete covers of 2.0 inch (1.5 inch design cover + 0.5 inch sacrificial) and 1.5 inch, respectively.

9.7.1.3—Skewed Decks

The following shall supplement *A9.7.1.3*.

Deck skew angle shall not exceed 60 degree unless approved by the Bridge Design Engineer Administrator.

For decks with primary reinforcement placed perpendicular to the main supporting components, minimum three No. 5 bars at 6 inch spacing shall be placed at top mat and parallel to the skew at the each end of deck.

9.7.1.5—Design of Cantilever Slabs

Deck cantilevers, for all prestressed girder spans, shall be designed using the deck thickness (excluding the haunch).

C9.7.1.5

Typically, the deck cantilever thickness is equal to the deck thickness plus the haunch. However, the haunch thickness varies along the girder due to possible camber remaining in girders, thus the deck cantilever thickness will vary along the span as well. To account for this, it is conservative to ignore the haunch and use the deck thickness for cantilever design.

9.7.2—Empirical Design

9.7.2.1—General

The following shall replace *A9.7.2.1*.

The empirical design method is not allowed.

9.7.3—Traditional Design

9.7.3.1—General

The following shall supplement *A9.7.3.1*.

All bridge decks shall be designed using the traditional deck design methods and shall use concrete with a minimum design strength f'_c of 4 ksi. All reinforcing steel shall be Grade 60 bars.

C9.7.3.1

The following shall replace *AC9.7.3.1*.