

**Bar Reinforcement /CY of Concrete for Various Bridge Parts**

The following are approximate quantities of Bar Reinforcement per cubic yard of concrete. Use for Planning and General Plan Estimates only.

Deck slab on prestressed or steel girders	225 lbs/cy
Bent Caps	150 lbs/cy
Single column bents	450 lbs/cy (285-545 variation)
Multiple column bents	225 lbs/cy (95-350 variation)
Piers and walls of simulated closed end abutments	80 lbs/cy
Footings	150-200 lbs/cy
End diaphragm abutments	80 lbs/cy
Cantilever and strutted abutments	Design Charts
Retaining walls	Standard Plans
Seat Type Abutments	
Skews < 15°	90 lbs/cy
Skews 15° to 45°	100 - 140 lbs/cy

Bar Reinforcement/Ft² of Deck Area

Cast-In-Place Reinforced Slab	13 lbs/Ft ²
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Note: See "Sources of Quantities for Standard Details" shown on page 11-49.