



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.