



JCR-41

Basis of Payment For Caissons

May 1977
October 1999

Recommendations:

Division 2 of specifications should provide the following basis of payment for caissons.

Base Bid \$ _____ Lump Sum
(Base Bid includes _____)

<u>Caisson Unit Prices</u>	<u>Add</u>	<u>Deduct</u>
----------------------------	------------	---------------

Shafts:

GREATER DEPTHS (not exceeding 10' below \$ _____ per cy \$ _____ per cy
bottom design elev.)

LESSER DEPTHS \$ _____ per cy

ADDITIONAL YARDAGE (for shafts exceeding \$ _____ per cy
design depth by 10' or more)

CAISSONS ADDED

INCREASE SHAFT DIAMETER \$ _____ per cy

(before caisson is excavated) \$ _____ per cy

Bells:

(Quote following units, only if bells are shown)

GREATER BELL VOLUME \$ _____ per cy

LESSER BELL VOLUME \$ _____ per cy
(Quote following units, only if **no** bells are shown)

BELLS ADDED \$ _____ per cy

2" Test Holes:

(Quote following units, only if test holes are called for)

TEST HOLES IN EXCESS OF THAT CALLED FOR \$ _____ per lf

TEST HOLES LESS THAN THAT CALLED FOR \$ _____ per lf

(Quote following units, only if no test holes are called for)

TEST HOLES ADDED \$ _____ per lf

JCR-41

Rock Excavation:

(Quote following units, only if rock

excavation is included in the Base Bid)

GREATER OR LESSER ROCK EXCAVATION,

Drilling with rock augers

\$_____ per cy

Add or Deduct

GREATER OR LESSER ROCK EXCAVATION

\$_____ per cy

Other, Add or Deduct

(Quote following units, only if no rock

excavation is included in the Base Bid)

ROCK EXCAVATION, Drilling with Rock

augers

\$_____ per cy

ROCK EXCAVATION, Other

\$_____ per cy

REQUIRED STEEL

\$_____ per cy

Comments:

- A. The specifications should state the minimum weight requirements for the drilling machine, kelly bar and hydraulic crowd system that will be accepted on the project and extra compensation for rock excavation should not be approved, or paid, unless the work is performed with drilling equipment equal to or greater than specified.
- B. Rock should be defined as any material or obstruction that can't be drilled with the drilling equipment specified when equipped with a normal earth auger.
- C. Rock excavation volume should be paid for, at the unit prices quoted, as an extra cost over the Base Bid and other unit prices.
- D. The payment volume should be based on the design caisson shaft volume from the point of earth auger refusal, including any voids and softer materials that may be intermixed with obstructions to the depth that satisfactory bearing is reached or until the obstruction is cleared.

End of JCR-41

This recommendation is the result of considerable discussion and deliberation by the Architect and General Contractor members of the Joint Cooperative Committee of AIA North Carolina and the Carolinas AGC. While its provisions are not binding on individual Architects or General Contractors, the committee believes that adherence to the recommendations will benefit the Owner and the Construction Industry in general.