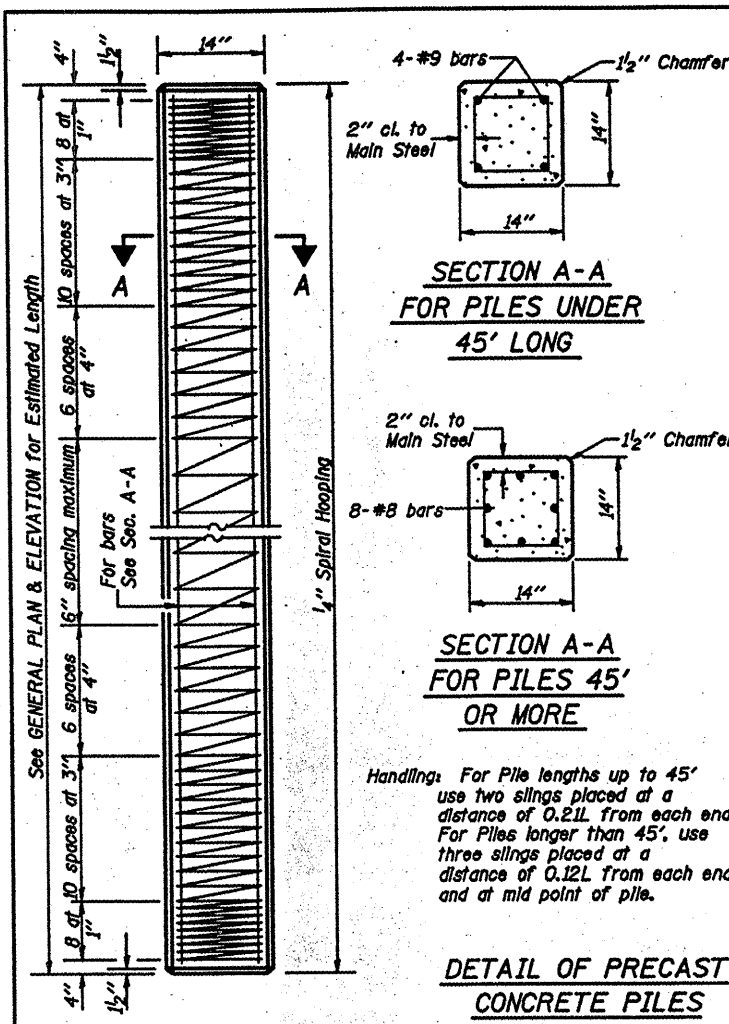
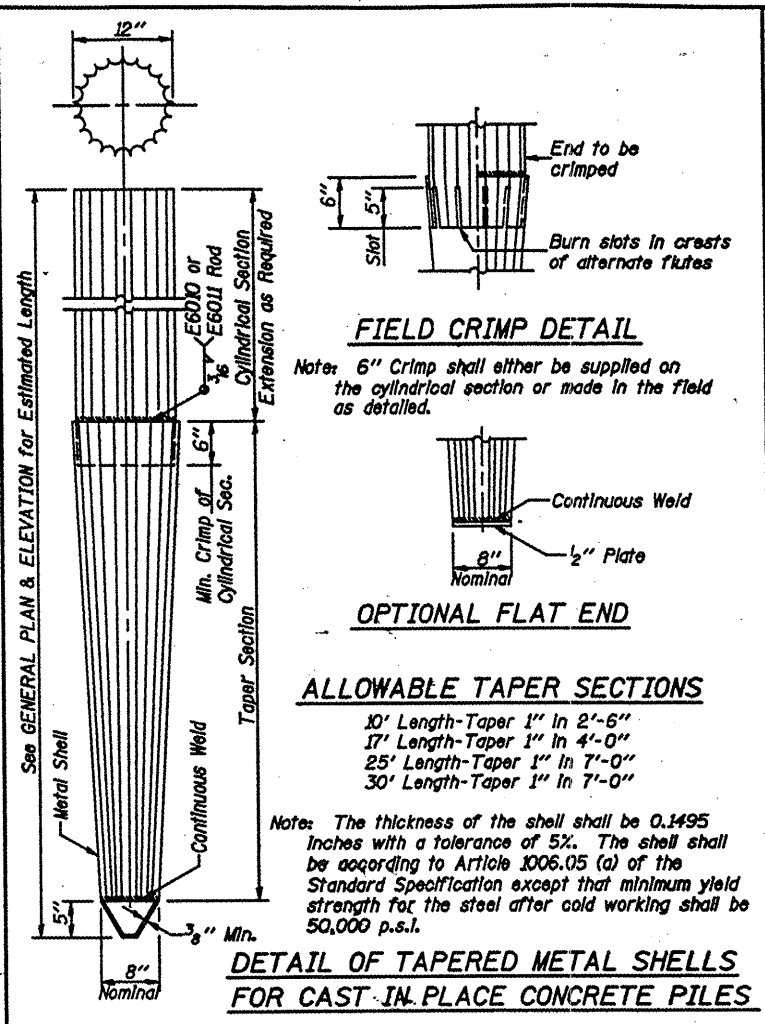


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 96	94-01168-00-BR	PULASKI	13	12
PROJECT NO. BROS-153(30)			CONTRACT NO. 99327	

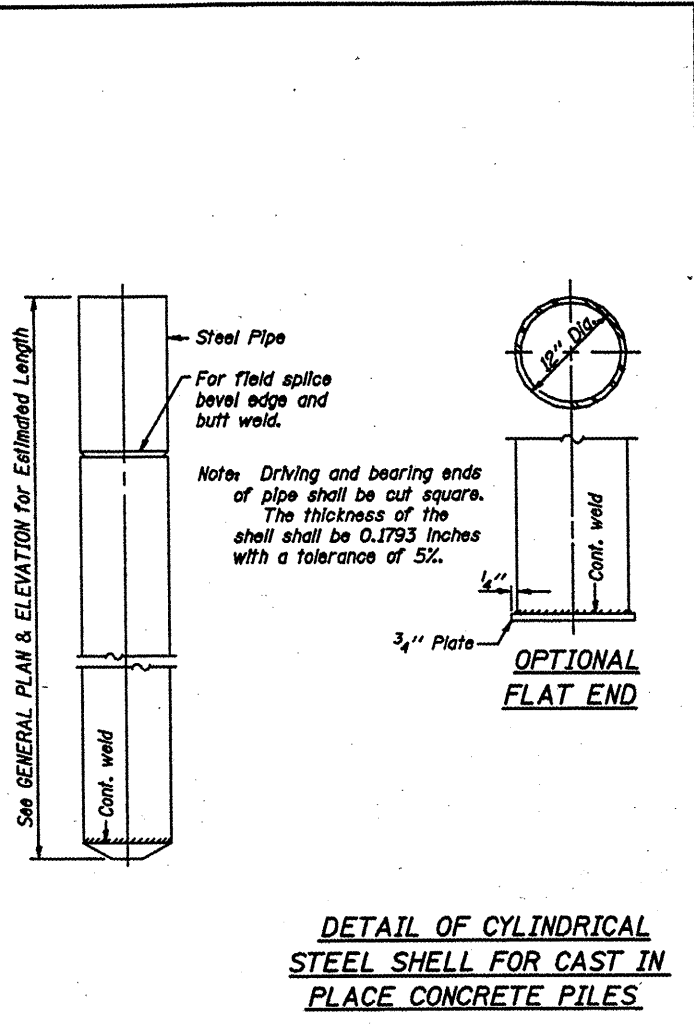


Handling: For Pile lengths up to 45' use two slings placed at a distance of 0.21L from each end. For Piles longer than 45', use three slings placed at a distance of 0.12L from each end and at mid point of pile.

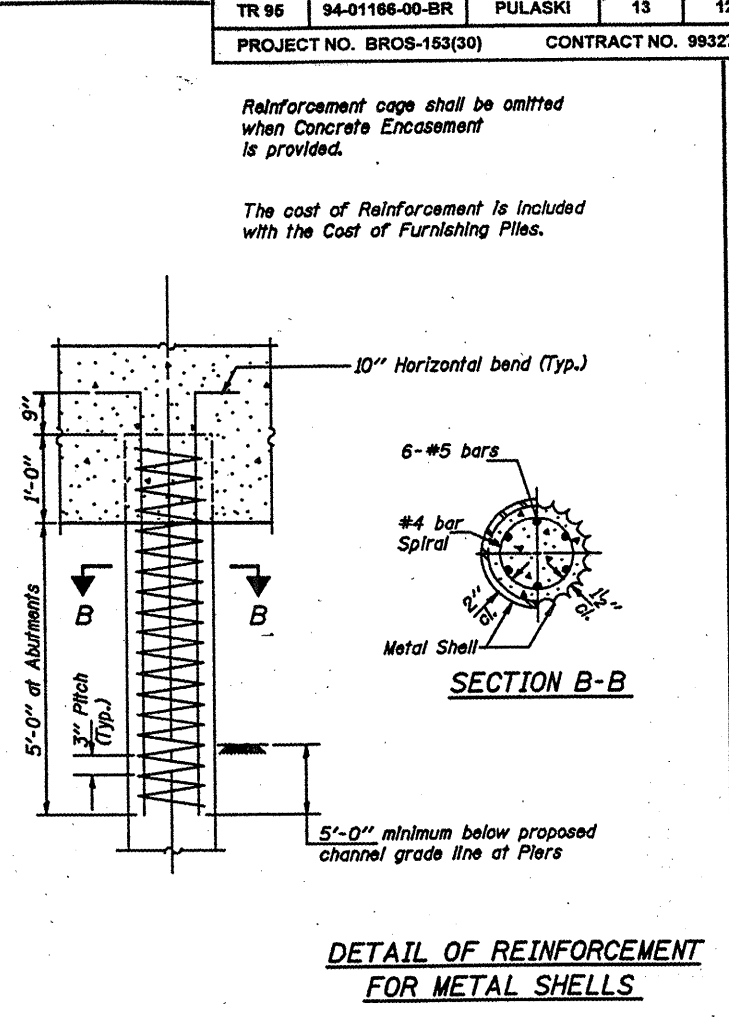
**DETAIL OF PRECAST CONCRETE PILES**



**DETAIL OF TAPERED METAL SHELLS FOR CAST IN-PLACE CONCRETE PILES**



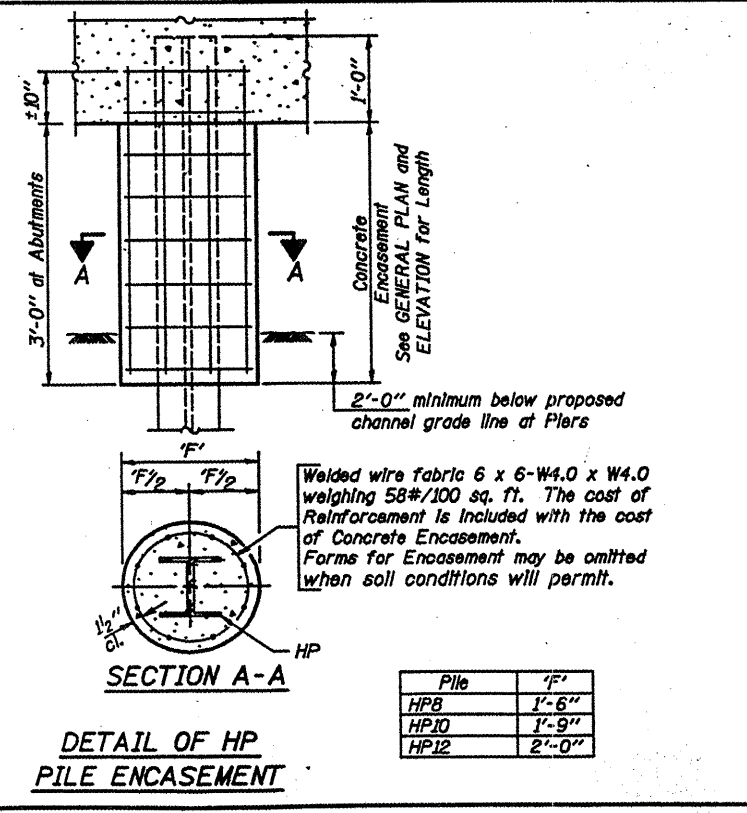
**DETAIL OF CYLINDRICAL STEEL SHELL FOR CAST IN PLACE CONCRETE PILES**



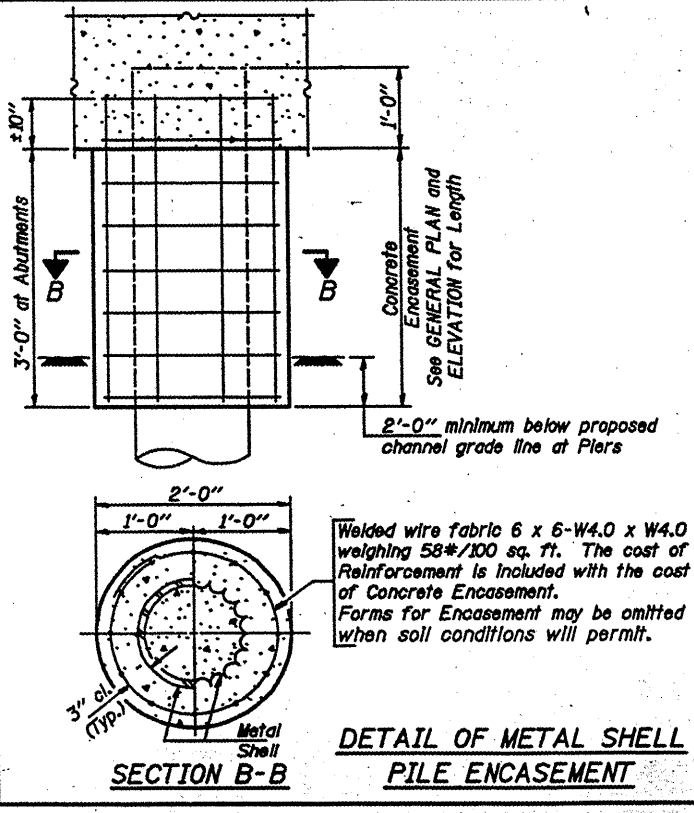
Reinforcement cage shall be omitted when Concrete Encasement is provided.

The cost of Reinforcement is included with the Cost of Furnishing Piles.

**DETAIL OF REINFORCEMENT FOR METAL SHELLS**



**DETAIL OF HP PILE ENCASEMENT**



**DETAIL OF METAL SHELL PILE ENCASEMENT**

**QUANTITIES/FT. OF ENCASEMENT (STEEL PILES)**

Pile Size	Item	Quantity
HP8	Concrete Encasement	0.063 C.Y.
HP10	Concrete Encasement	0.085 C.Y.
HP12	Concrete Encasement	0.112 C.Y.

**(METAL SHELL PILES)**

Pile Size	Item	Quantity
12" Dia.	Concrete Encasement	0.087 C.Y.

**PILE DETAILS**

**STANDARD CX-1**

Illinois Department of Transportation

PASSED FEBRUARY 1, 2000

Theresa J. Nussle  
 Engineer of Bridge Design

APPROVED FEBRUARY 1, 2000

Ralph E. Anderson  
 Engineer of Bridges and Structures