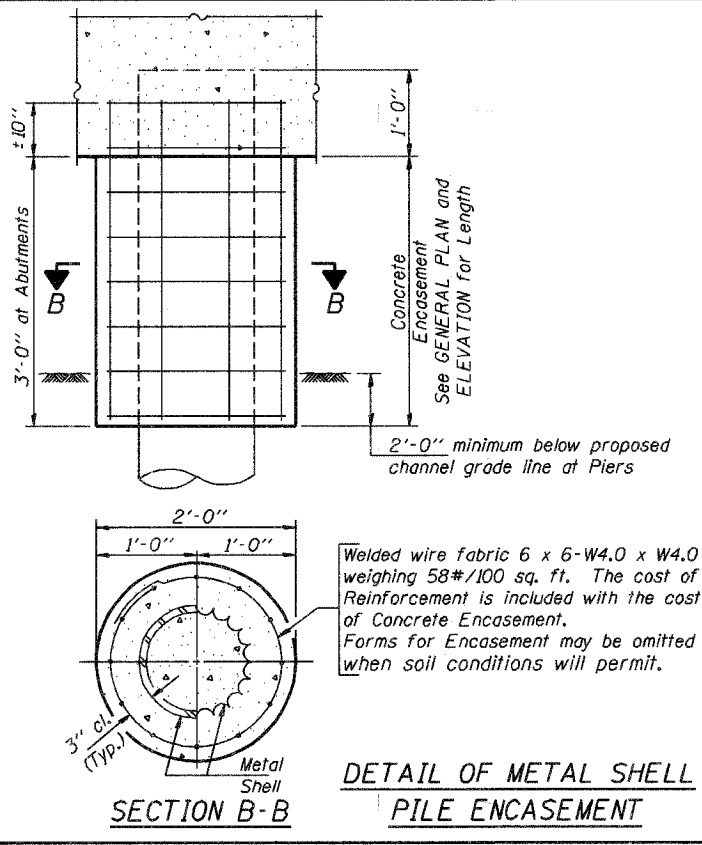
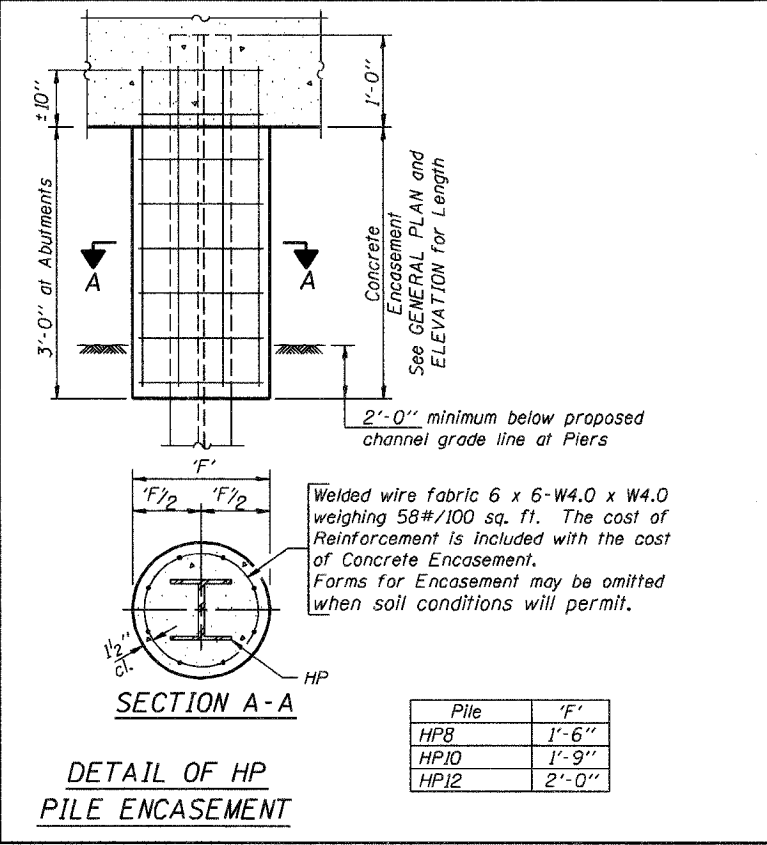
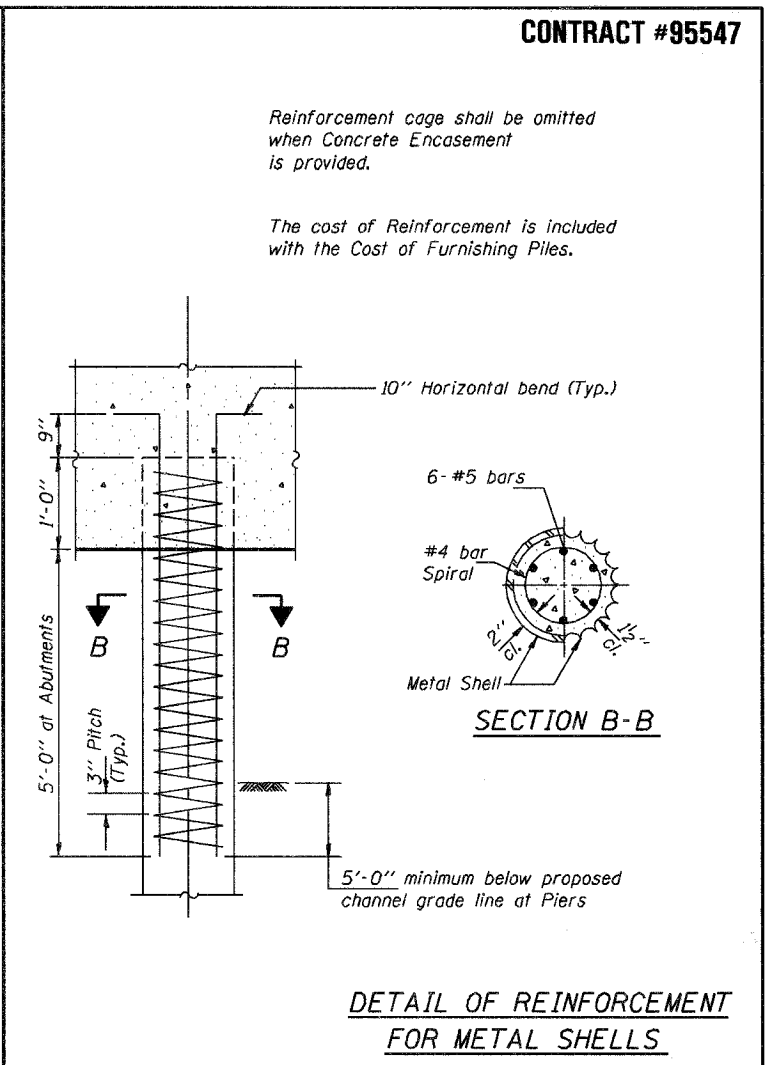
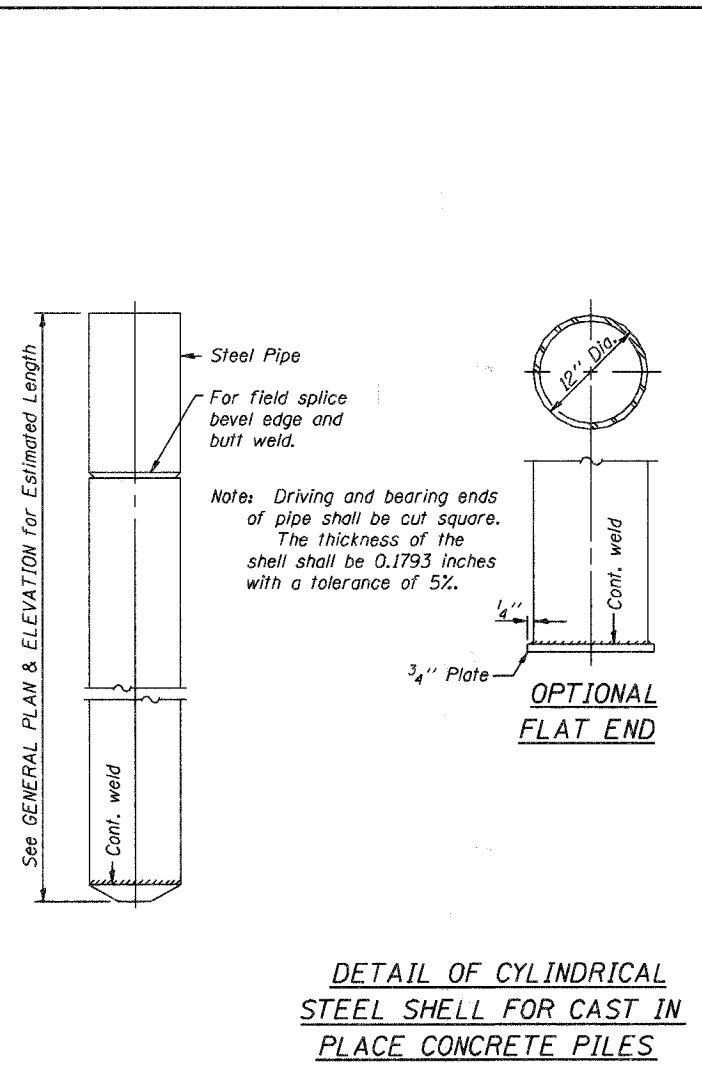
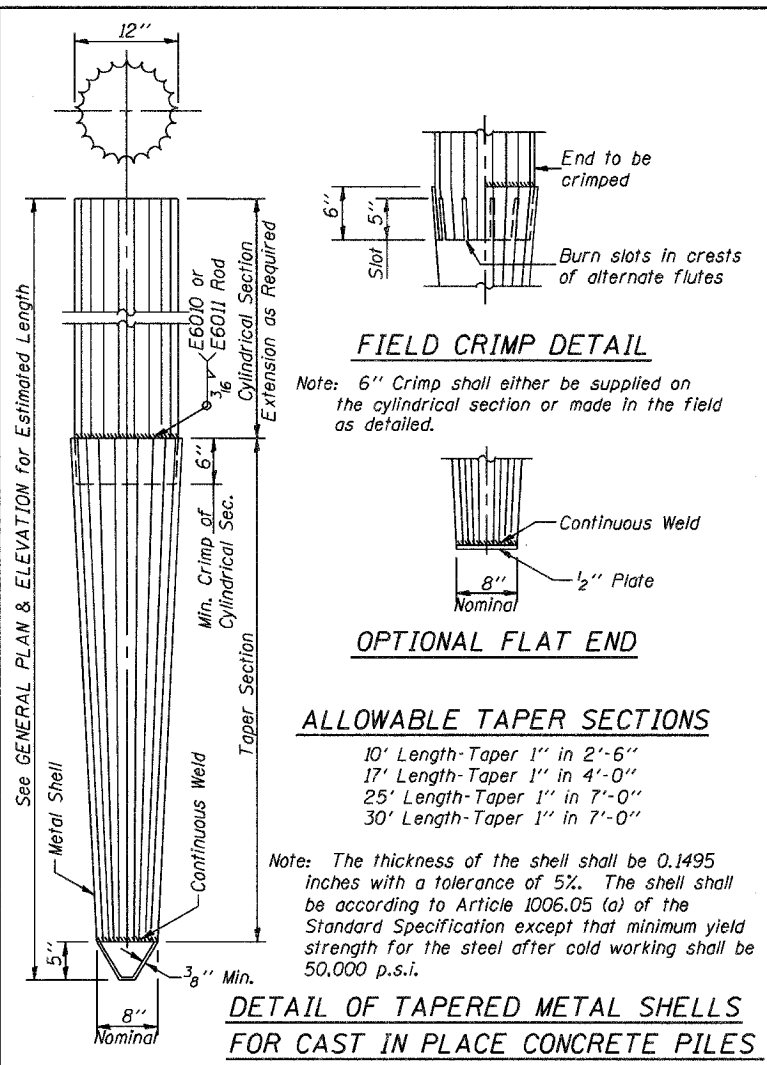


Handling: For Pile lengths up to 45' use two slings placed at a distance of 0.21L from each end. For Piles longer than 45', use three slings placed at a distance of 0.12L from each end and at mid point of pile.



QUANTITIES/FT. OF ENCASEMENT (STEEL PILES)

| Pile Size | Item | Quantity |
|-----------|---------------------|------------|
| HP8 | Concrete Encasement | 0.063 C.Y. |
| HP10 | Concrete Encasement | 0.086 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

Thomas J. Donaghy
Engineer of Bridge Design

APPROVED FEBRUARY 1, 2000

Ralph E. Anderson
Engineer of Bridges and Structures

196-H-1095S