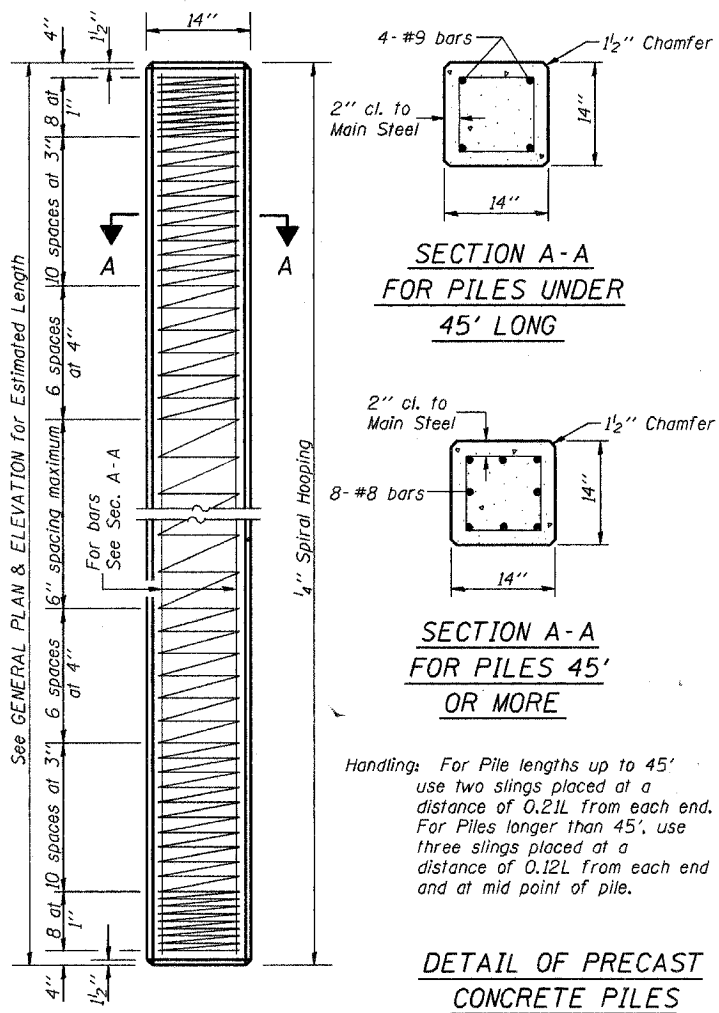
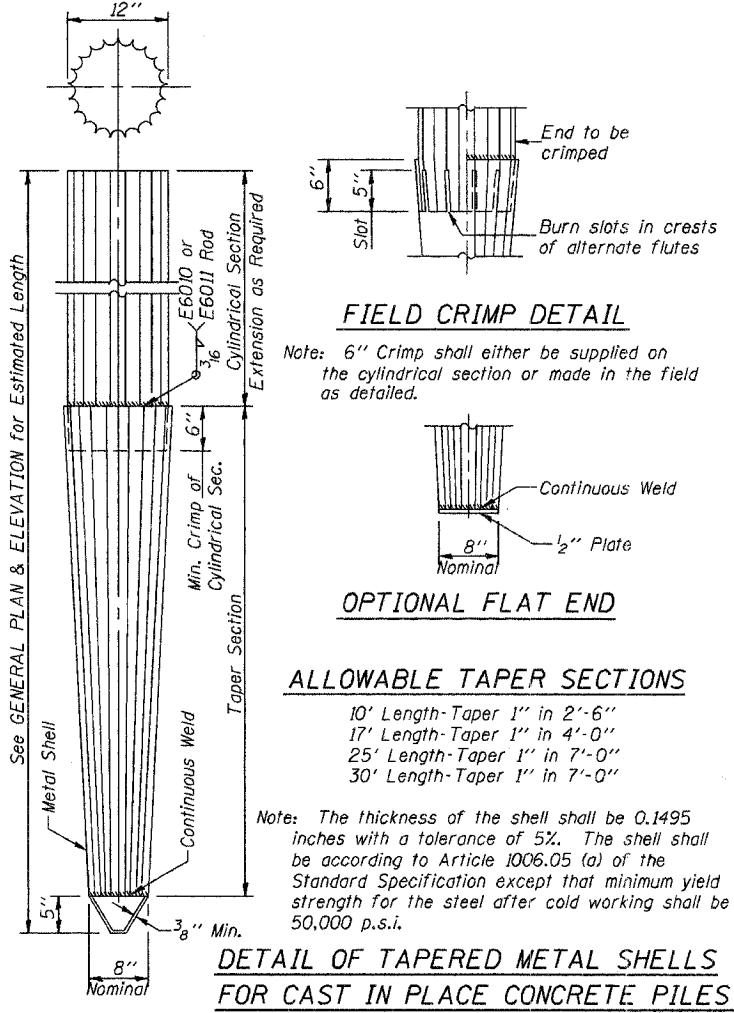


P.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-02/15-00-80	BRIDGE	DEKALB	10	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



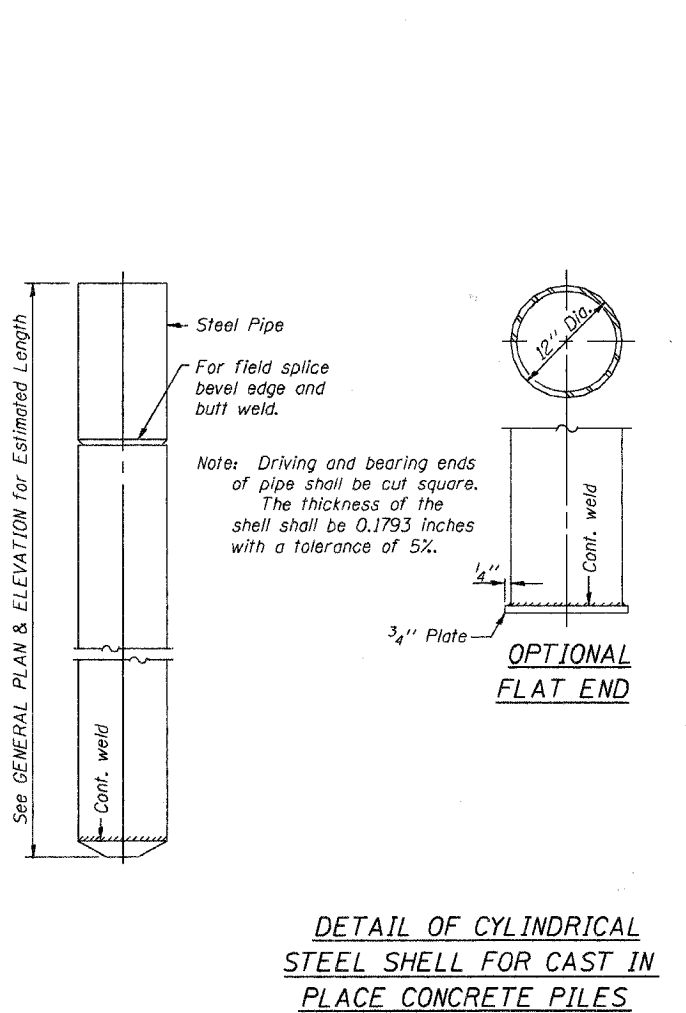
Handling: For Pile lengths up to 45' use two slings placed at a distance of 0.21L from each end. For Piles longer than 45', use three slings placed at a distance of 0.12L from each end and at mid point of pile.



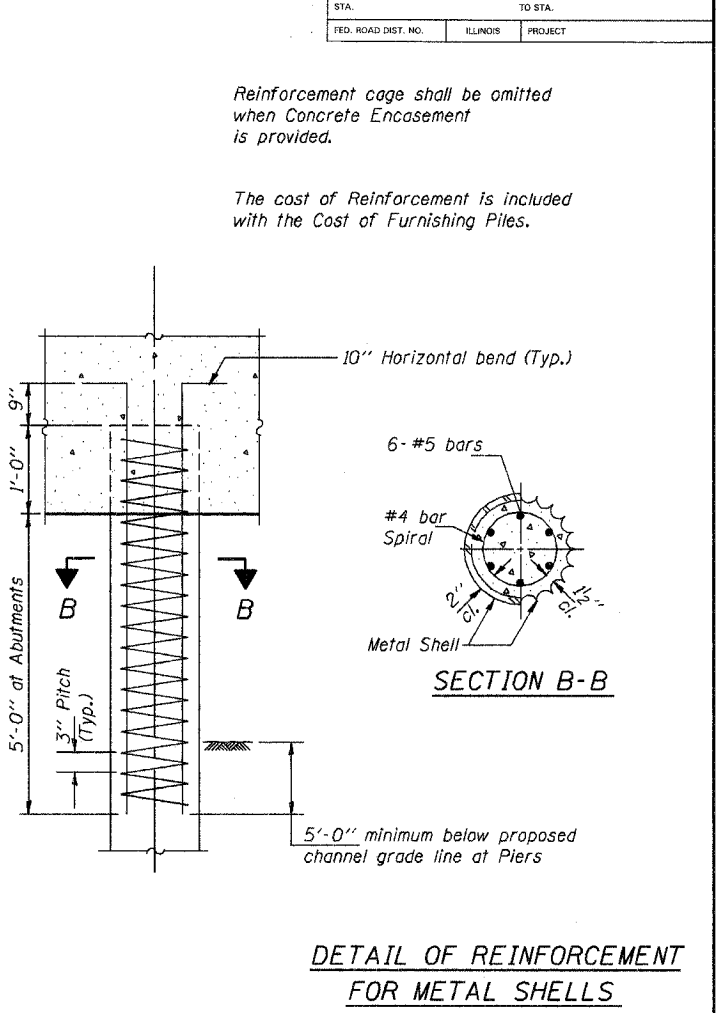
Note: 6" Crimp shall either be supplied on the cylindrical section or made in the field as detailed.

ALLOWABLE TAPER SECTIONS  
 10' Length-Taper 1" in 2'-6"  
 17' Length-Taper 1" in 4'-0"  
 25' Length-Taper 1" in 7'-0"  
 30' Length-Taper 1" in 7'-0"

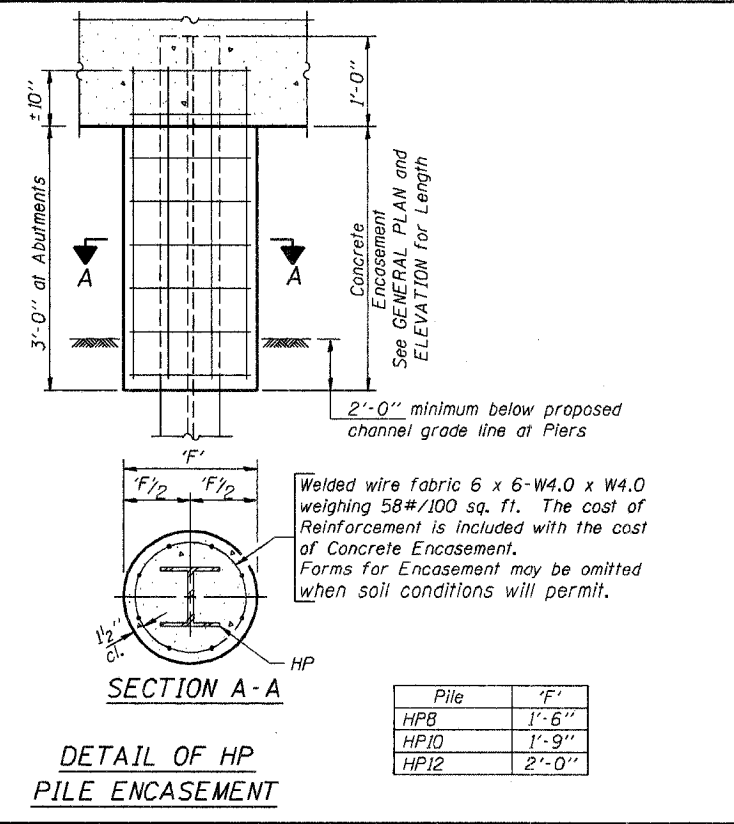
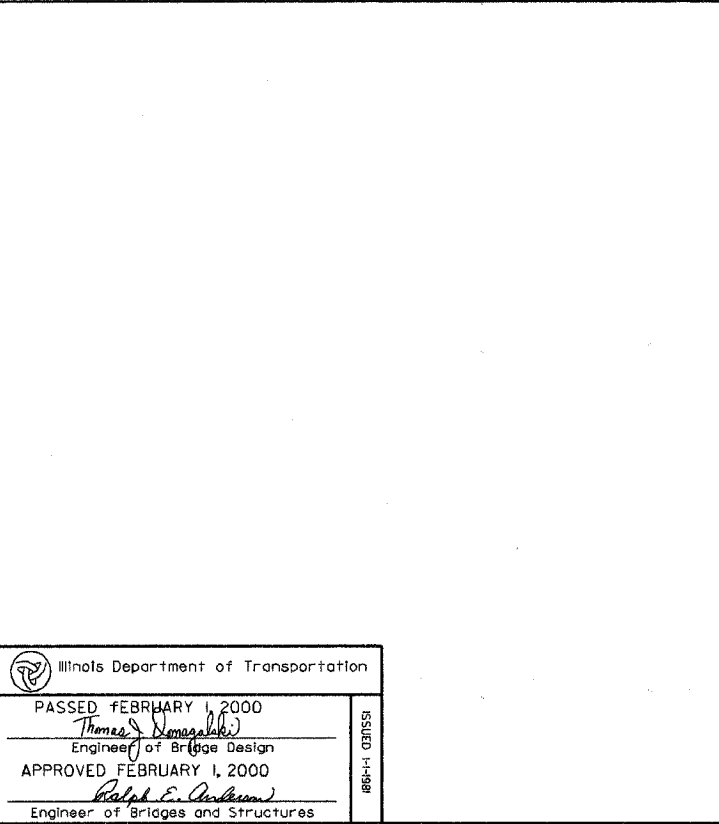
Note: The thickness of the shell shall be 0.1495 inches with a tolerance of 5%. The shell shall be according to Article 1006.05 (a) of the Standard Specification except that minimum yield strength for the steel after cold working shall be 50,000 p.s.i.



Note: Driving and bearing ends of pipe shall be cut square. The thickness of the shell shall be 0.1793 inches with a tolerance of 5%.



Reinforcement cage shall be omitted when Concrete Encasement is provided.  
 The cost of Reinforcement is included with the Cost of Furnishing Piles.



Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. The cost of Reinforcement is included with the cost of Concrete Encasement. Forms for Encasement may be omitted when soil conditions will permit.

Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. The cost of Reinforcement is included with the cost of Concrete Encasement. Forms for Encasement may be omitted when soil conditions will permit.

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.

Illinois Department of Transportation  
 PASSED FEBRUARY 1, 2000  
 Approved by: Thomas J. Demagala, Engineer of Bridge Design  
 APPROVED FEBRUARY 1, 2000  
 Approved by: Ralph E. Anderson, Engineer of Bridges and Structures

PILE DETAILS  
 STANDARD CX-1