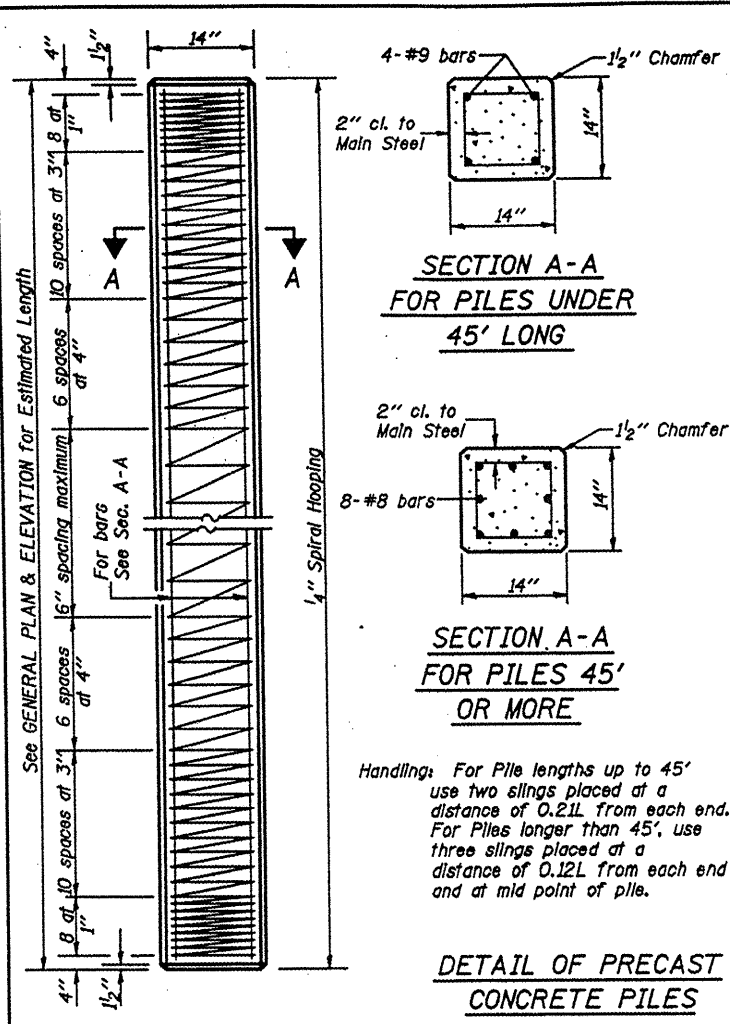
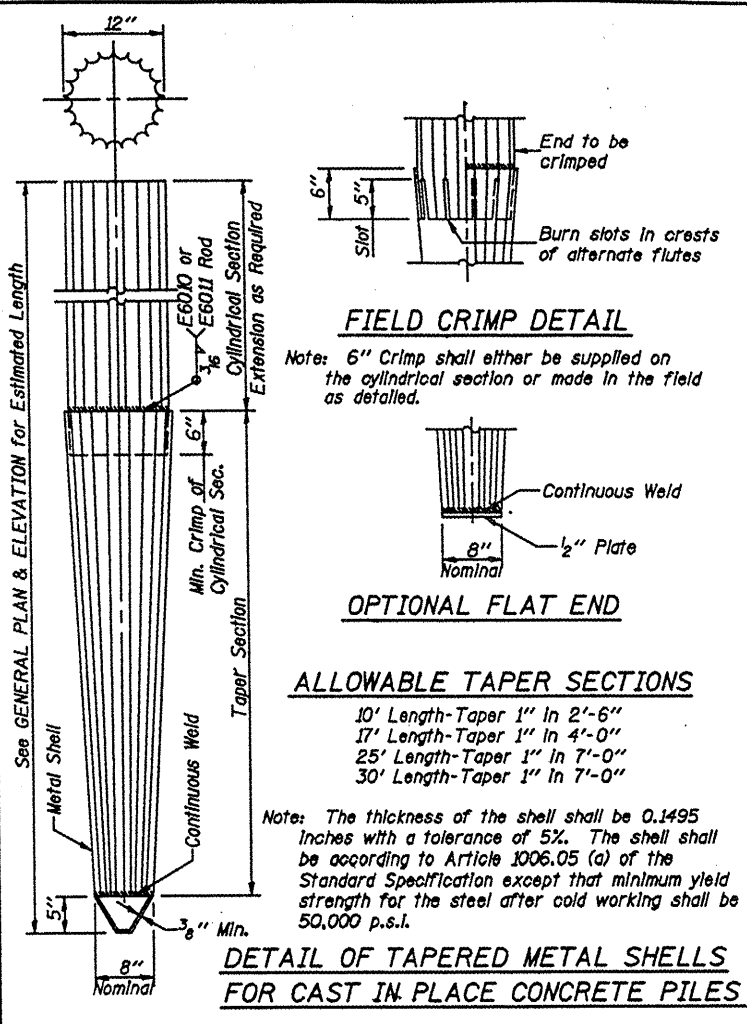


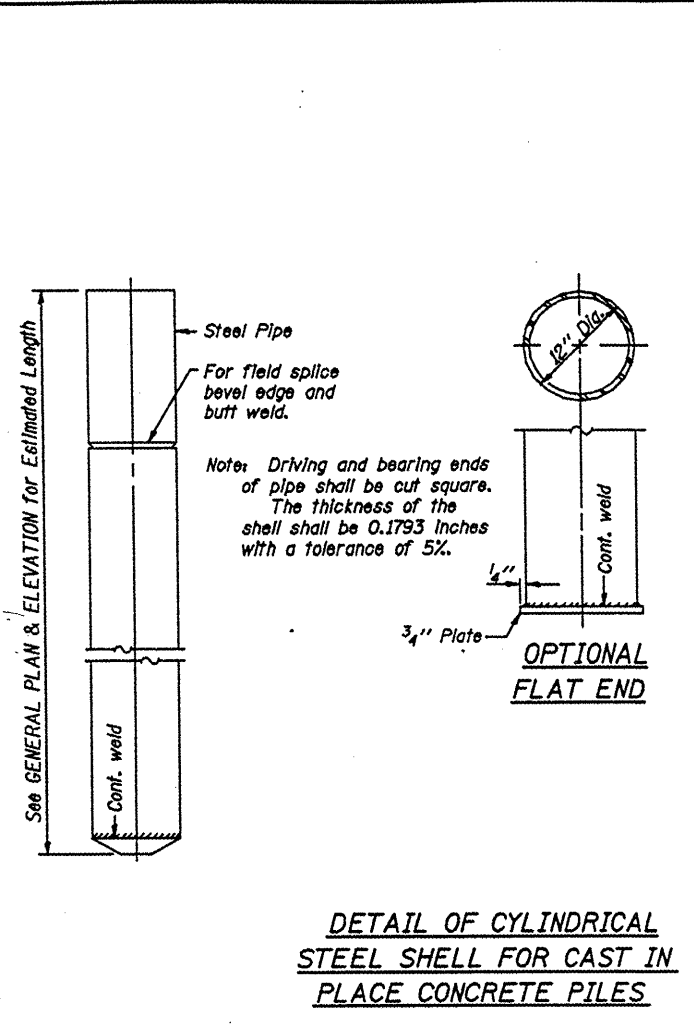
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 21	00-07118-00-BR	PERRY	11	10
PROJECT NO. BROS-145(35)			CONTRACT NO. 99349	



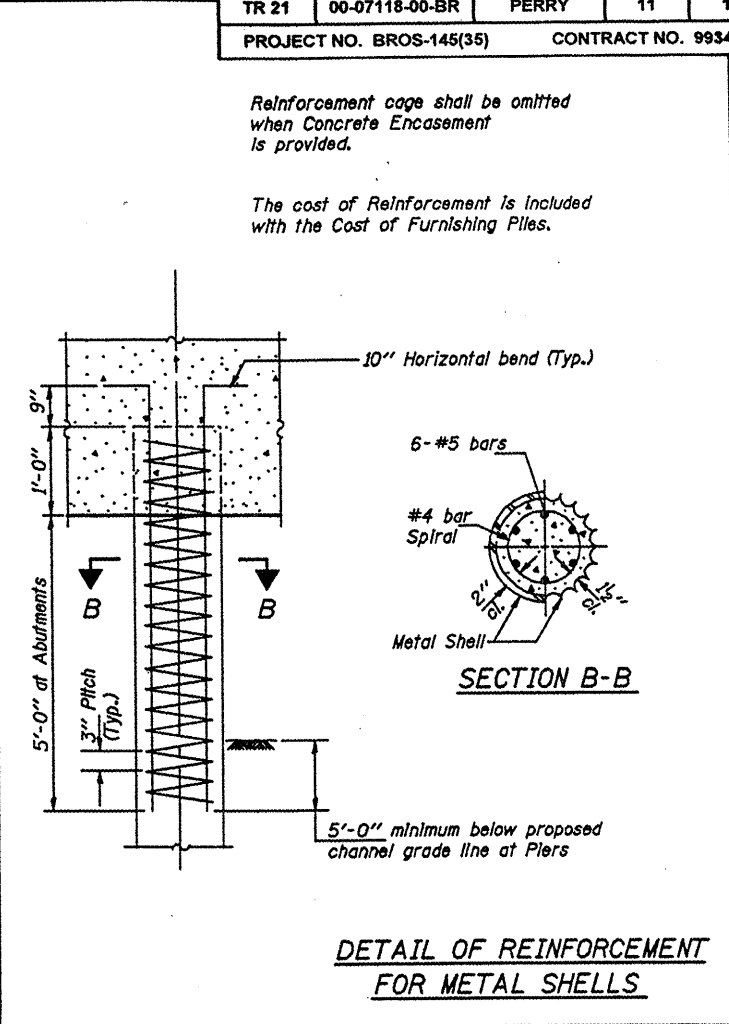
DETAIL OF PRECAST CONCRETE PILES



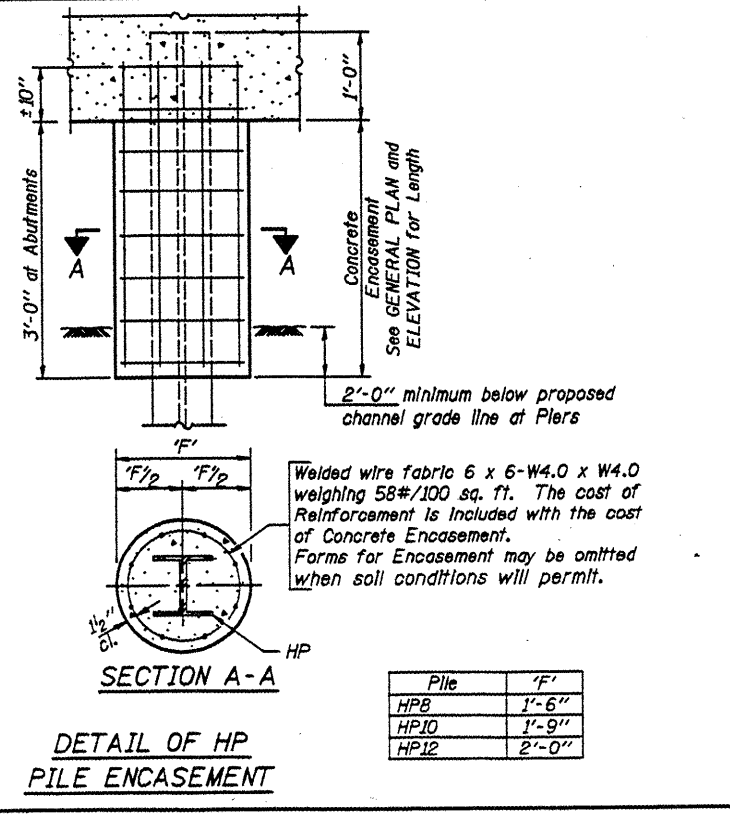
DETAIL OF TAPERED METAL SHELLS FOR CAST IN PLACE CONCRETE PILES



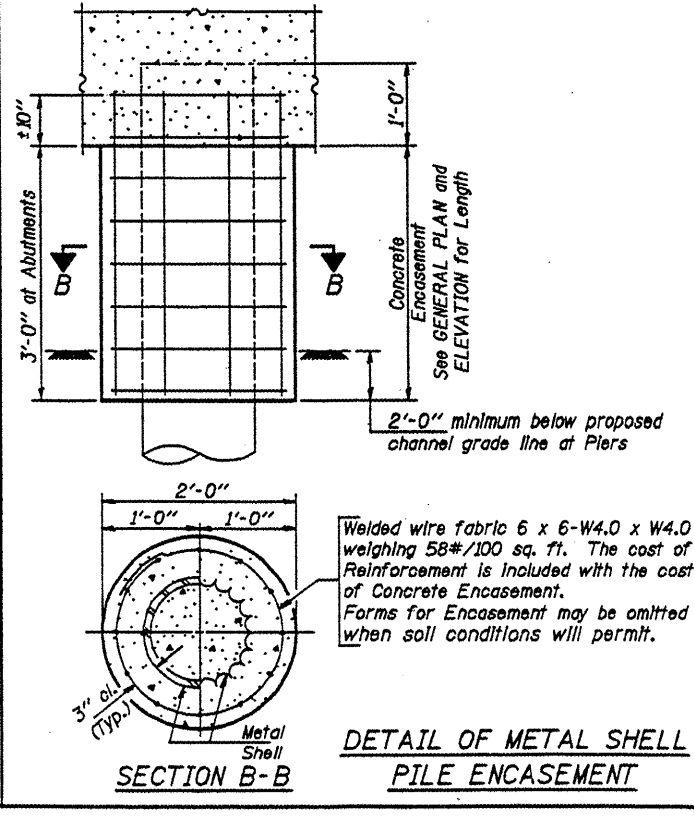
DETAIL OF CYLINDRICAL STEEL SHELL FOR CAST IN PLACE CONCRETE PILES



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	0.086 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
 Approved by: [Signature]
 Engineer of Bridge Design
 APPROVED FEBRUARY 1, 2000
 Approved by: [Signature]
 Engineer of Bridges and Structures