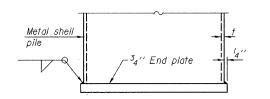
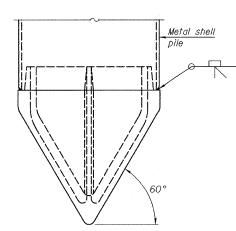


METAL SHELL PILE TABLE

	Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd.³/ft.)
	PP12	0.179''	22.60	0.0274
-	PP12	0.250"	31.37	0.0267
	PP14	0.250′′	36.71	0.0368
-	PP14	0.312''	45,61	0.0361



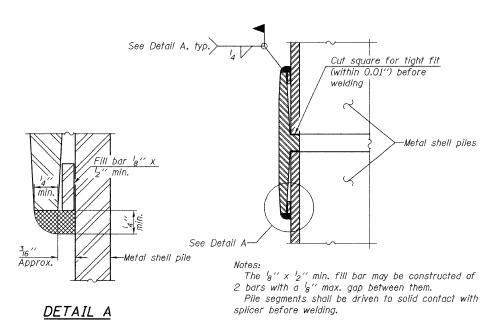
END PLATE ATTACHMENT



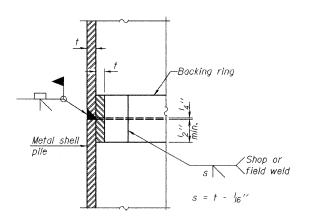
When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential

METAL SHELL PILE SHOE ATTACHMENT

(See Note A)



WELDED COMMERCIAL SPLICE



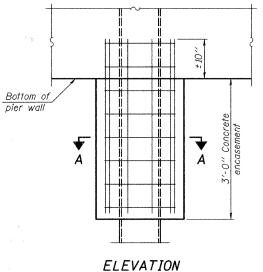
COMPLETE PENETRATION WELD SPLICE

Backing ring made from pile shell. Remove segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.

SHEET <u>\$4</u> OF <u>\$6</u>

COUNTY SECTION 99-00313-03-BT DUPAGE 18 15 TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

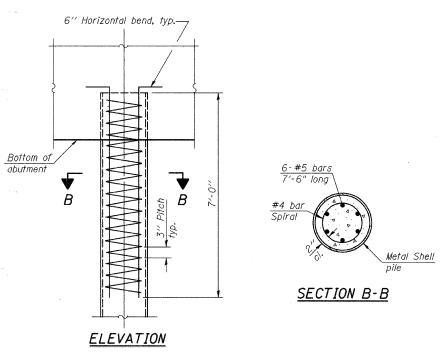
CONTRACT NO. 63069



2'-6" Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. Bend as required to fit into the pier wall Metal shell pile SECTION A-A

Forms for encasement may be omitted when soil conditions permit.

CONCRETE ENCASEMENT AT PIERS



METAL SHELL REINFORCEMENT AT ABUTMENTS

METAL SHELL PILES REVISIONS NAME C.H. 47 ILLINOIS PRAIRIE PATH BRIDGE DATE OVER THE EAST BRANCH OF THE DUPAGE RIVER MILTON TOWNSHIP DuPAGE COUNTY DRAWN BY: F.M.

DATE: AUGUST 19, 2008

ILLINOIS DEPARTMENT OF TRANSPORTATION

CHRISTIAN-ROGE & ASSOC., INC.

The metal shell piles shall be according to ASTM A 252 Grade 3.

9-3-07

CHECKED BY: B.N.S.