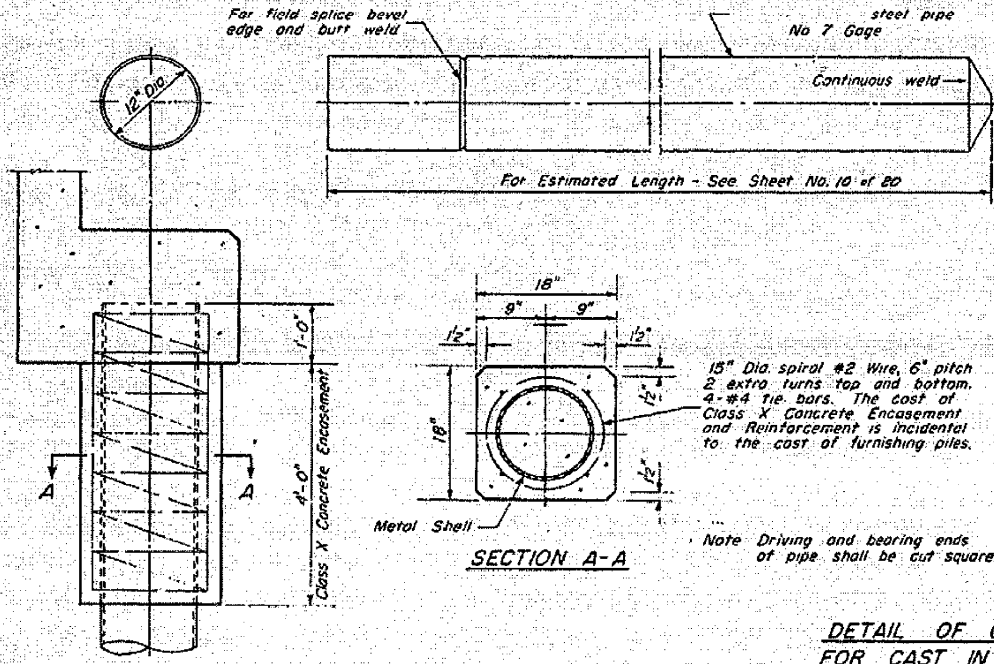
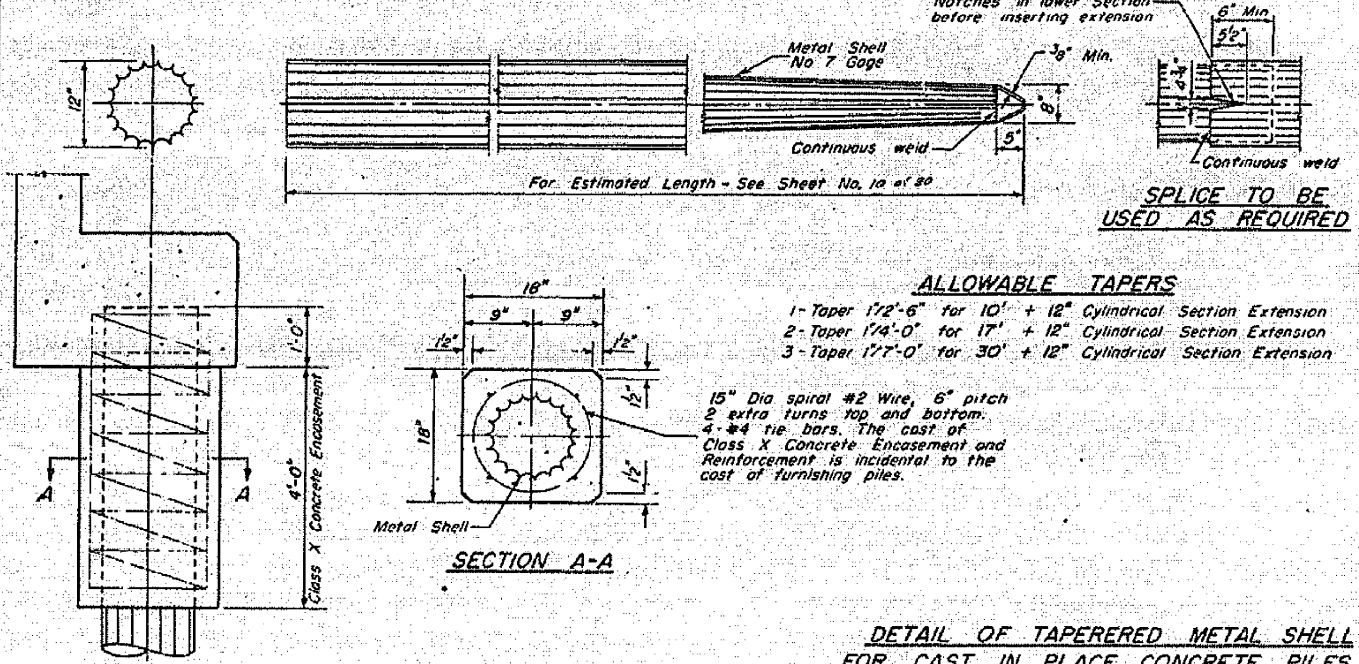


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

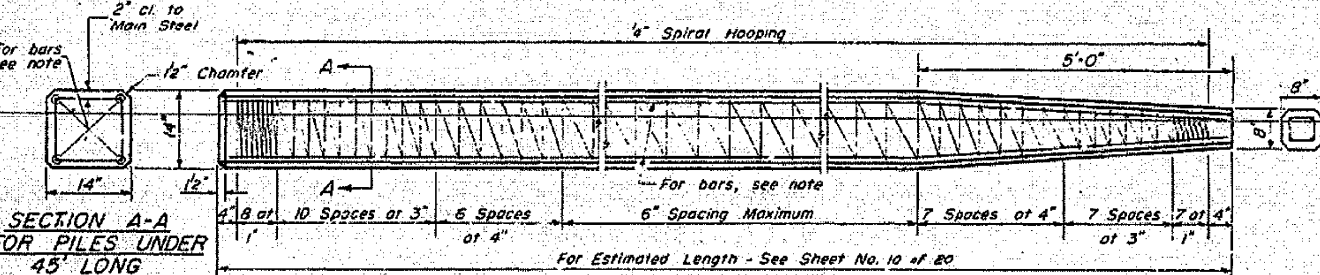
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.I. 57	10-33HB	CHAMPAIGN	19	12	7
F.A.I. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



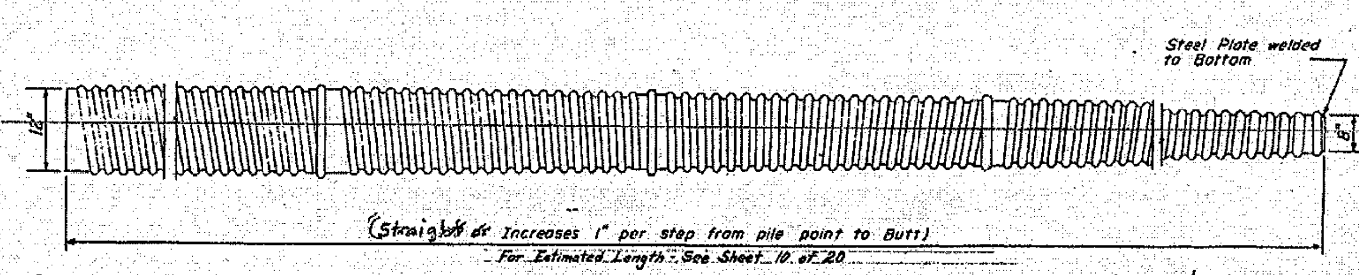
OPTIONAL FLAT END



DETAIL OF TAPERED METAL SHELL
FOR CAST IN PLACE CONCRETE PILES



DETAIL OF CYLINDRICAL STEEL SHELL
FOR CAST IN PLACE CONCRETE PILES



DETAIL OF MANDREL DRIVEN STEP-TAPER OR STRAIGHT
PILES FOR CAST IN PLACE CONCRETE PILES

SECTION A-A FOR PILES UNDER 45' LONG

SECTION A-A FOR PILES 45' OR MORE

Note: For 14" Piles 45' long or more use 8 #8 bars 4 for the full length and 4 to the point of bevel. For 14" Piles under 45' long use 4 #9 bars the full length.

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

*L = Over all length of pile to be handled

DESIGNED	EXAMINED
CHECKED	ENGINEER OF PUBLIC WORKS
DRAWN	PASSED
CHECKED	APPROVED

DETAIL OF PRECAST CONCRETE PILES

PILE DETAILS
F.A.I. RTE. 57 SEC. 10-33HB
CHAMPAIGN COUNTY
STA. 403+34.43

JOB NO. 394-V7