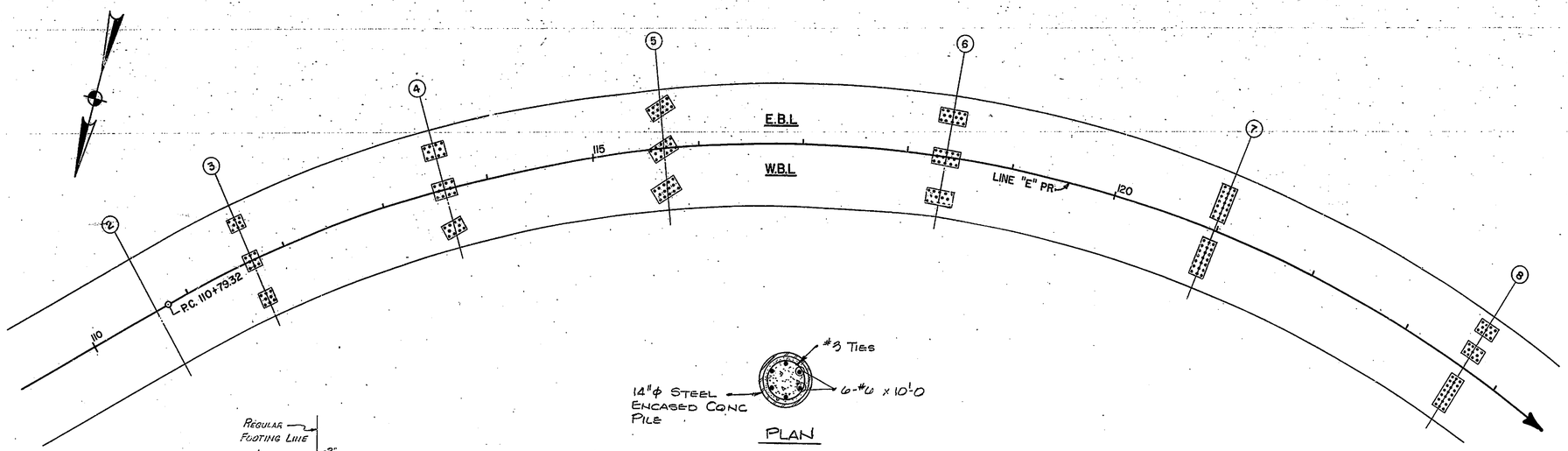
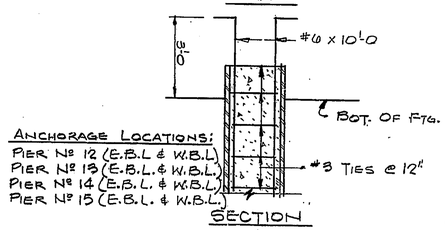


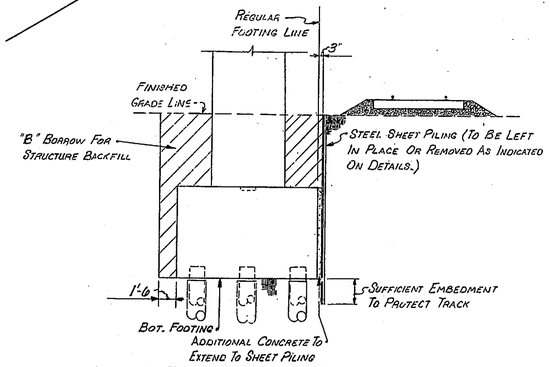
PLAN



Anchorage Locations:
Pier № 12 (E.B.L & W.B.L)
Pier № 13 (E.B.L. & W.B.L.)
Pier № 14 (E.B.L. & W.B.L.)
Pier № 15 (E.B.L. & W.B.L.)

SECTION

PILE ANCHORAGE DETAIL
No Scale



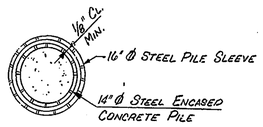
SHEET PILING DETAIL
No Scale

1. If Steel Sheet Piling Is To Be Removed After Backfilling Is Completed, It Will Not Be Billed. The Cost Of Driving And Removing Steel Sheet Piling Is To Be Included In The Cost Of Concrete In Footing.
2. If Steel Sheet Piling Is To Be Left In Place It Will Be Billed As "Steel Sheet Piling" (S.F.T).
3. Rail Traffic Must Be Maintained During Construction, See Special Provisions.
4. All Steel Sheet Piling Is To Have A Minimum Section Modulus Of 2.4 IN^3/FT.
5. Steel Sheet Piling Shall Extend Beyond The Footing Limits A Distance Sufficient To Protect The Track And Footing Excavation.

PILE SLEEVE LOCATION

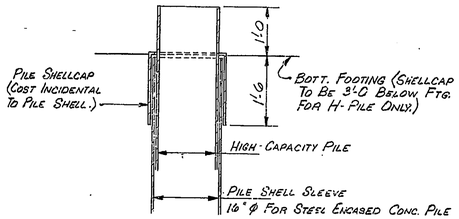
Piling To Be Sleeved At Locations Indicated. Steel Sleeving Shall Extend From Approximate Bottom Footing Elevation To Elev. 520.0. Piles Shall Be Sleeved At The Following Locations:

Pier № 19 (W.B.L)	Pier 23 & 23' (E.B.L. & W.B.L.)
Pier № 20 (W.B.L)	Pier 24 & 24' (E.B.L. & W.B.L.)
Pier № 22 (E.B.L.)	Pier 25 & 25' (E.B.L. & W.B.L.)
	Pier 26 & 26' (E.B.L. & W.B.L.)
	Bent 30 (E.B.L. & W.B.L.)

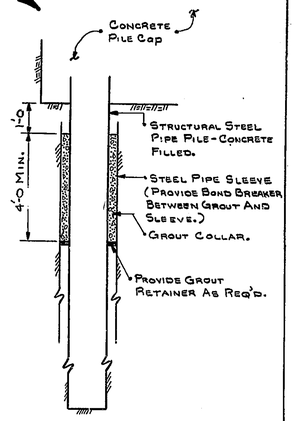


PILE SLEEVE NOTE:

The 16" ϕ Steel Pile Sleeve Shall Have A Minimum Wall Thickness Of 0.312" For The Lower 30' Of Each Sleeve. A Minimum Sleeve Thickness Of #7 Gage May Be Used For The Remaining Upper Portions Of The Sleeve.



TYP. PILE CAP DETAIL (Req'd For Sleeved Piles)
No Scale



△ DETAIL A
BENT 30 PILE CAP
SLEEVED PIPE PILES
GROUT COLLAR

APPROVED FOR CONSTRUCTION
J. D. Mattis
J. D. MATTIS
Engineer of Bridge Plans
3-9-83

NO.	REVISION	DATE
△	Add Detail A	2-19-83

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS
APRIL 24, 1980

WILLIAM D. PAVEY REGISTERED No. 13050 STATE OF INDIANA PROFESSIONAL ENGINEER

WALSH CONSTRUCTION COMPANY
A DIVISION OF GUY F. ATKINSON CO.
DARIEN, CONNECTICUT

SHEET TITLE
FOUNDATION SCHEMATIC & TYPICAL DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. B-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
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