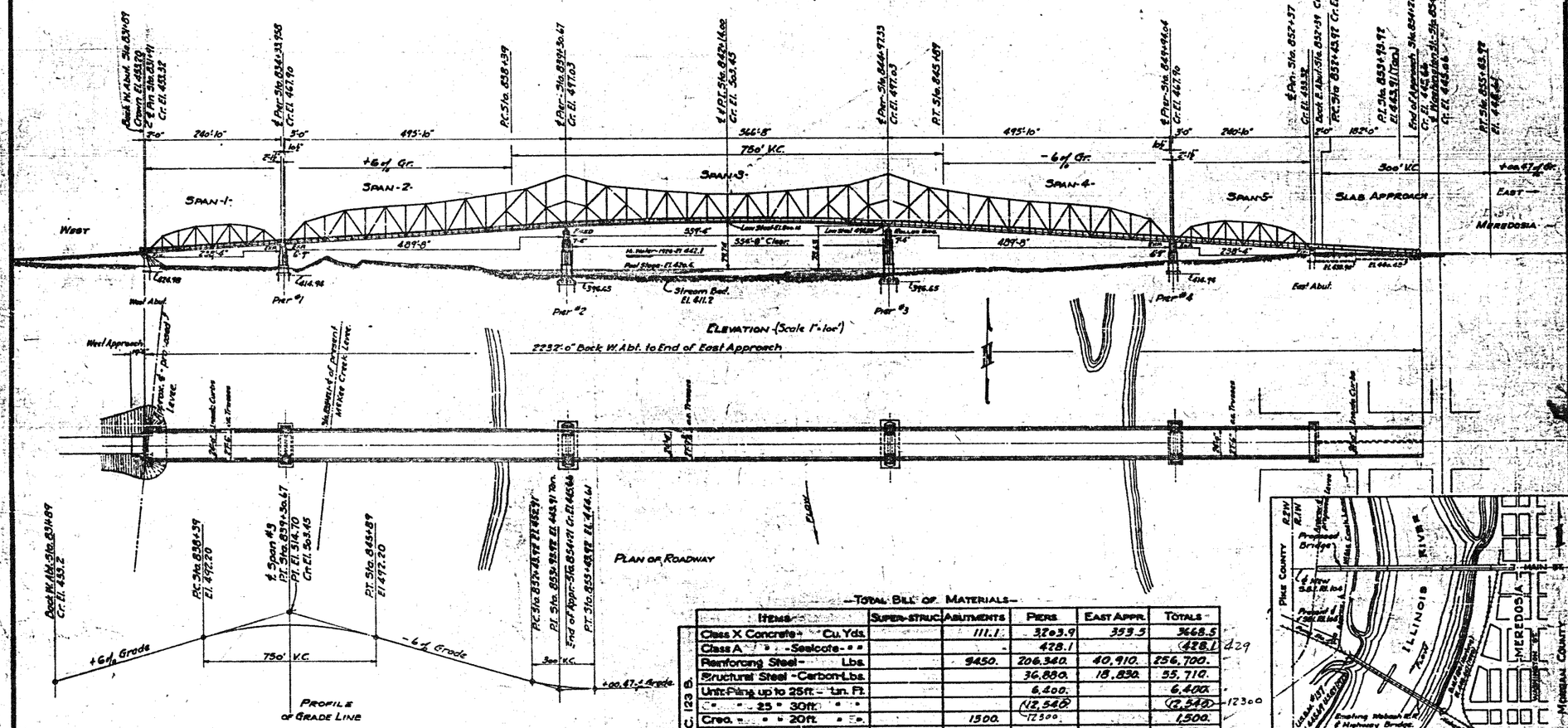
B.M. #124 (Harting) On coping of Southeast Wing of existing Wabash R.R. Bridge. Elev. 445.407 U.S.G.S.
U.S.B.M. #137 On South Wing of West Abutment of existing Wabash R.R. Bridge. Elev. 445.69 U.S.G.S. (1929).
Adjustment for Meredosia Bridge Datum +0.77' = S.B.I. Rte. 104

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

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS
104		Morgan & Pike	5

FED. ROAD DIST. No. 7 | ILLINOIS | FED. AID PROJECT

SHEET NO. 1 of 5 SHEETS 38



LOCATION SKETCH

Borrow - Material for "Borrow" may be obtained on the North side of the road at the West end of the proposed bridge.

Note:- Results of Foundation Borings may be seen at the Office of the Bridge Engineer of the Illinois Division of Highways.

P.C.C. Pavement (Std. K-53) - 45.9 Sq. Yds.

—TOTAL BILL OF MATERIALS—

	Items	Super-struc.	Abutments	Piers	East Appr.	Totals
SEC. 123 B	Class X Concrete - Cu. Yds.		111.1	3203.9	353.5	3668.5
	Class A " - Sealcote - " "			428.1		428.1 429
	Reinforcing Steel - Lbs.		9450.	206,340.	40,910.	256,700.
	Structural Steel - Carbon - Lbs.			36,880.	18,830.	55,710.
	Unit Piling up to 25 ft. - Ln. Ft.			6,400.		6,400.
	" " 25 " 30 ft. " "			(12,540)		(12,540) 12300
	Creo. " " " 20 ft. " "		1500.	12500.		1,500.
	C.I. Grates & Frames - Lbs.				5,120.	5,120.
	C.I. Downspouts "				600.	600.
	See Sheet No. 12 for additional work to be included in Sec. 123-B.					
	Test Piles Ea.			12.		12.
	Conduits & Access. - Complete				1.	1.
SEC. 123 C	Rein. Steel " " Lbs.	319,840			3350	323,190
	C.I. Grates & Frames "	18,210				18,210
	Class X Conc. - Slab - Cu. Yds.	1,181	14.7		3.8	1,199.5
	Structural Steel - Carbon Lbs.	15,500				15,500.
	P.C. Pav't (6)-(16)-(6) - Sq. Yds.				133.2	133.2
	Std. Type B Gutter Ln. Ft.				180	180
	Borrow Cu. Yds.				100	100.
SEC. 123 F	Cast Steel Shoes - Lbs.	41,670				41,670
	Name Plates Ea.	2				2
	Structural Steel - Silicon - Lbs.	2,025,970				2,025,970
	" " - Carbon " "	2,201,370				2,201,370
SEC. 123 E	Structural Steel - Silicon - Lbs.	7,029,970				7,029,970
	" " - Carbon " "	7,188,870				7,188,870
	Cast Steel Shoes " "	41,670				41,670
	Lighting System - Complete	1				1
SEC. 123 P	Running & Field Costs - Total	1				2126.71

STANDARD	COMPUTED	C.E. Mueller - A. Bartsch
	CHECKED	C.E.M. - A.E. - C.R.M.
	DRAWN	A.L. Thomas
	CHECKED	C.E. Mueller
SPECIAL	ASSEMBLED	—
	CHECKED	—

EXAMINED 5-27-1935
3-11-1935
A. F. Bruce
PASSED M. Sarazzi
APPROVED Earl Sidenstricker

GENERAL ELEVATION & QUANTITIES
ILLINOIS RIVER BRIDGE
MEREDOSIA, ILLINOIS
S.B.I. ROUTE 104 SEC. 123 P-1
MORGAN-PIKE COUNTIES