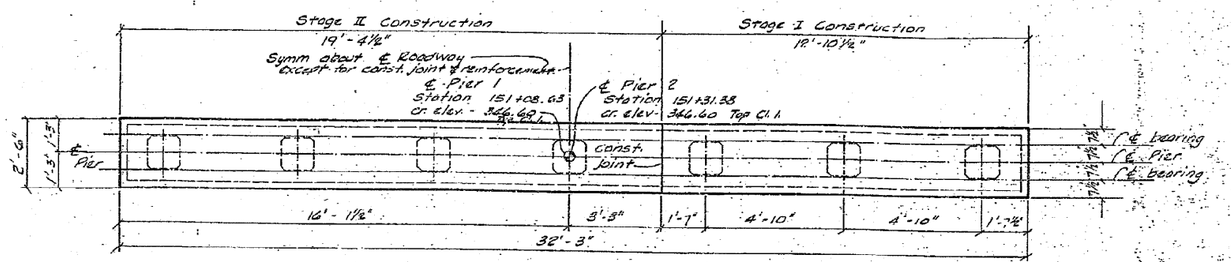
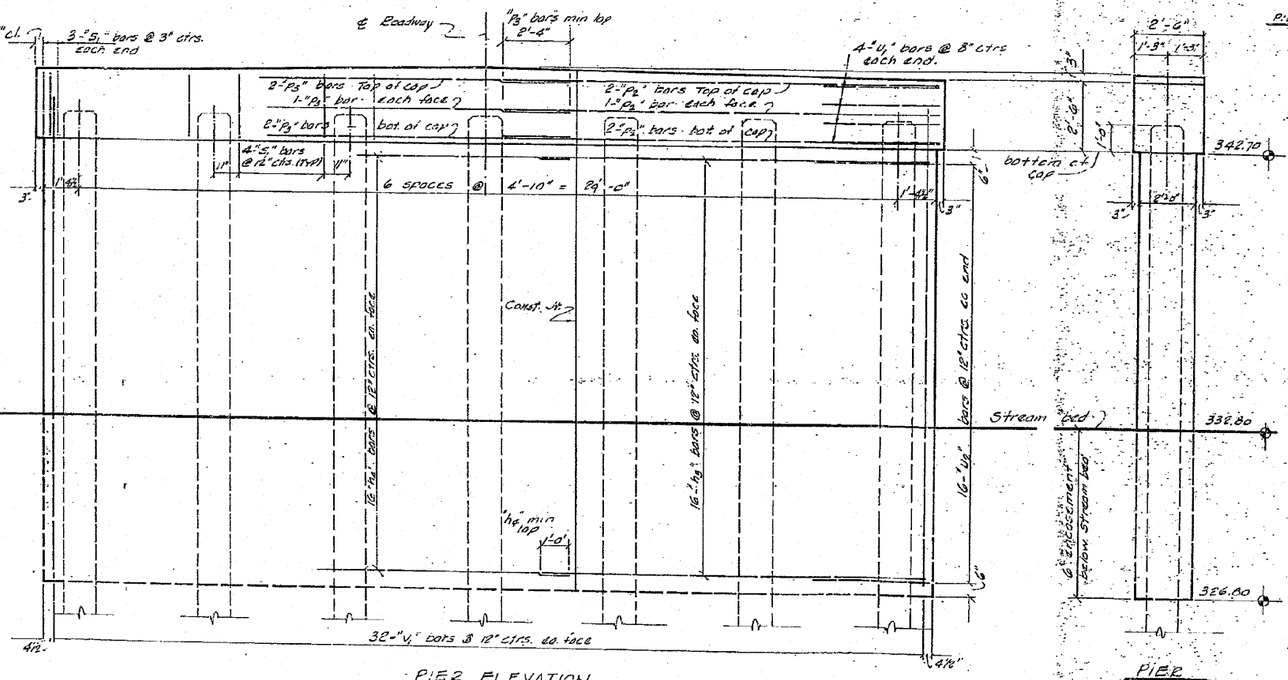
Elc	Station	County	Sheet No.	Sheets
Plan Sheets	16A-B	Pulaski	19	19
Strs.	151+20			
Plans Beg.	Utilities	Prop.		

Bridge Sheet 6 of 7 Sheets

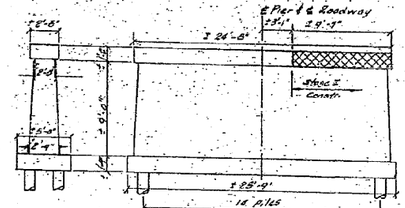


PIER PLAN



PIER 2 ELEVATION

PIER END ELEVATION



PIER END ELEV. ELEVATION - EXIST. PIER (looking North)

Note: Remove cross-hatched portion of exist. pier cap during Stage I Constr. Remainder of pier, including footings and upper 3'-0" of exist. timber pile to be removed during Stage II Constr.

BAR LIST - TWO PIERS

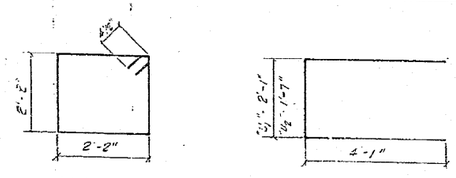
BAR	NO.	SIZE	LENGTH	SHAPE
P_3	64	#4	13'-4"	
P_2	24	#4	19'-3"	
P_2	12	#7	15'-9"	
P_3	12	#7	19'-3"	
S_1	60	#4	9'-5"	
U_1	16	#6	9'-9"	
U_2	64	#4	10'-3"	
V_1	128	#4	17'-0"	

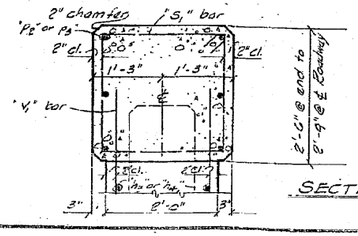
BILL OF MATERIAL - PIERS

ITEM	UNIT	QUANTITY
Substructure Concrete Removal	cu. yd.	30.8
Class "X" Concrete	cu. yd.	78.9
Reinforcement Bars	lbs.	6750.0
Furnishing Concrete Piles	lin. ft.	559
Driving Concrete Piles	lin. ft.	559
Test Pile - Concrete	each	1

PILE DATA
TWO PIERS
TYPE: Concrete
No. Req'd: 14
Capacity: 31 tons
Estimated Length: 43'

NOTE No. of piles required includes one test pile in permanent location at Pier 2





SECTION @ PIERS

PIER DETAILS

PROJECT
FAS Rte 2936 (U.S. 51) over Bear Creek
SECTION 16A-B
Pulaski County, Illinois
Station 151+20

08-05.00A | November 1978

MOSS, JOHNSON, SANDOVAL & ASSOC. LTD

FILE NAME = D:\78271-sht-em16.dgn	USER NAME = HAS	DESIGNED - DAJ	REVISED -
		DRAWN - RJT/HAS	REVISED -
	PLOT SCALE = 0.0833 '/ IN.	CHECKED - MTD	REVISED -
	PLOT DATE = 5/17/2010 1:06:09 PM	DATE - 05/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2936	16BR-1	PULASKI	68	61
		CONTRACT NO. 78071		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		