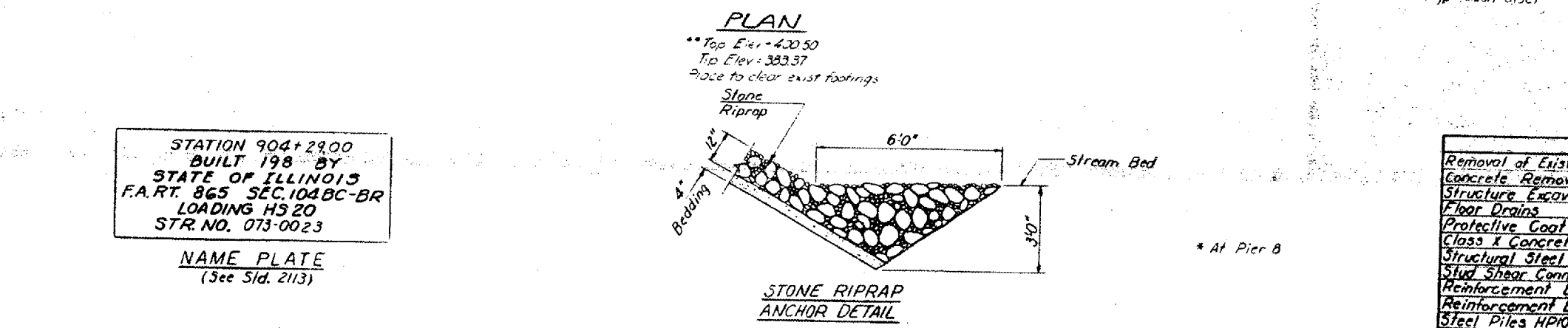
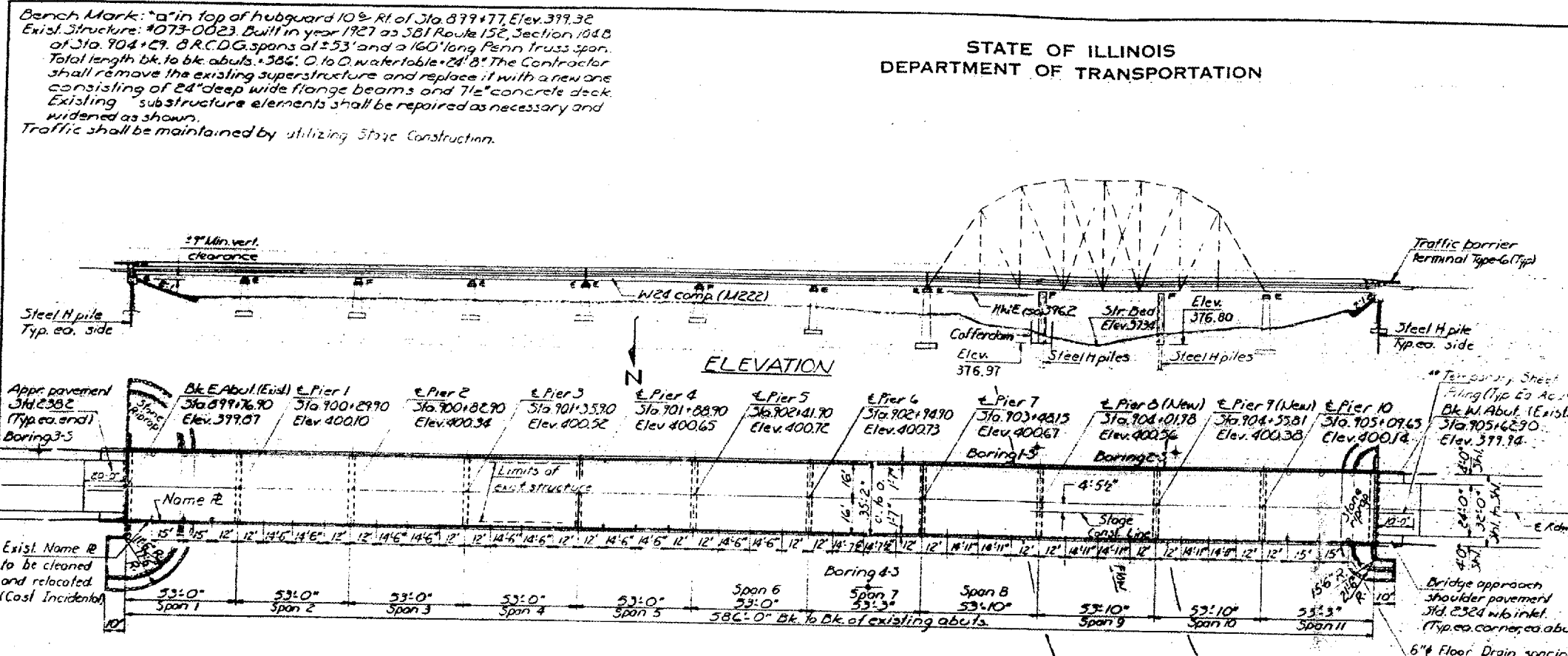


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NO.	DATE	BY	REVISION
1		PEFF	34
2			8

GENERAL NOTES

1. Obtain field boring data.
 2. All steel shall be AASHTO M-22 unless otherwise noted.
 3. All concrete shall be AASHTO M-31 unless otherwise noted.
 4. All reinforcement shall be AASHTO M-31 unless otherwise noted.
 5. All steel shall be galvanized unless otherwise noted.
 6. All steel shall be painted unless otherwise noted.
 7. All steel shall be bolted unless otherwise noted.
 8. All steel shall be welded unless otherwise noted.
 9. All steel shall be cut and bent to order unless otherwise noted.
 10. All steel shall be cut and bent to order unless otherwise noted.
 11. All steel shall be cut and bent to order unless otherwise noted.
 12. All steel shall be cut and bent to order unless otherwise noted.
 13. All steel shall be cut and bent to order unless otherwise noted.
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 19. All steel shall be cut and bent to order unless otherwise noted.
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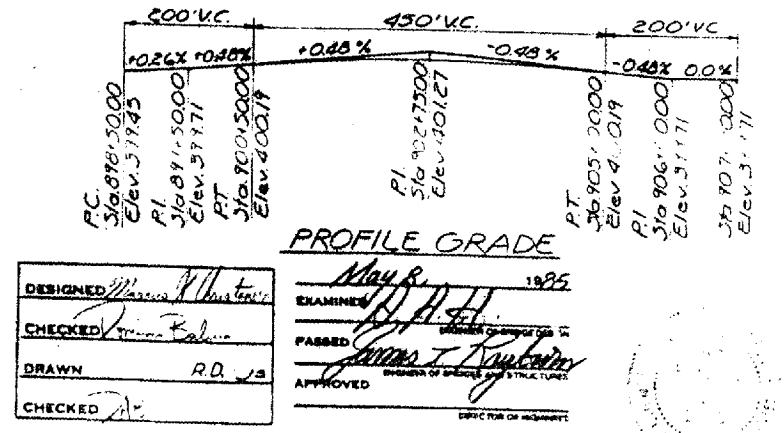


STATION 904+29.00
 BUILT 198 BY
 STATE OF ILLINOIS
 F.A.R.T. 865 SEC. 104BC-BR
 LOADING HS20
 STR. NO. 073-0023

NAME PLATE
 (See Sld. 2113)

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Removal of Existing Superstructures	Each	1		1
Concrete Removal	Cu. Yd.		63	63
Structure Excavation	Cu. Yd.		125	125
Floor Drains	Each	66		66
Protective Coat	Sq. Yd.	2571		2571
Class X Concrete	Cu. Yd.	620.6	2277	848.3
Structural Steel	Lump Sum	1		1
Stud Shear Connectors	Each	10275		10275
Reinforcement Bars	Pound		24860	24860
Reinforcement Bars (Epoxy Coated)	Pound	168100		168100
Steel Piles HPI0x42	Lin. Ft.		1688	1688
Test Piles Steel HPI0x42	Each		2	2
Name Plates	Each	1		1
Stone Riprap	Tons		251	251
Temporary Bridge Roll	Lin. Ft.	628		628
Neoprene Expansion Joint 2"	Lin. Ft.	102		102
Neoprene Expansion Joint 4"	Lin. Ft.	34		34
Elastomeric Bearing Assembly Type I				
Collar Dams				
Temporary Steel Piling				



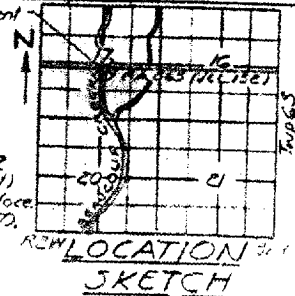
WATERWAY INFORMATION

Drainage Area 204 Sq. mi. Low Grade Elev. 397.40 @ Sta. 882+00

Flood	Freq. Yr.	Q C.F.S.	Opening 36 Ft.		Nal. H.W.E.	Head - Ft.		Headwater El.
			Exist.	Prop.		Exist.	Prop.	
Design	Main Channel	14800	4294	4507	396.21	.68	.64	376.89 / 376.85
	Overflow	5100	1670	1670				
	Total	19900	5964	6177				
Base	Main Channel	16700	4300	4890	396.75	.85	.69	397.80 / 397.64
	Overflow	5800	1797	1797				
	Total	22500	6197	6687				
Future	Main Channel	12500	4350	4828	396.25	2.21	.69	377.64 / 377.52
	Overflow	3255	1776	1776				
	Total	15755	6126	6604				

DESIGN STRESSES

f_c = 3500 psi
 f_y = 50,000 psi (31r Steel) M-222
 f_y = 60,000 psi (Reinforcement)
 Allow 25% for future wearing surface.
 Design Specifications: 175 AASHTO



FOR INFORMATION ONLY:
 BRIDGE NO. 4 STRUCTURE 073-0023

GENERAL PLAN
 ILL. RTE 152 OVER
 BEAUCOUP CREEK
 F.A.R.T. 865 SEC. 104BC-BR
 PERRY COUNTY
 STA. 904+29