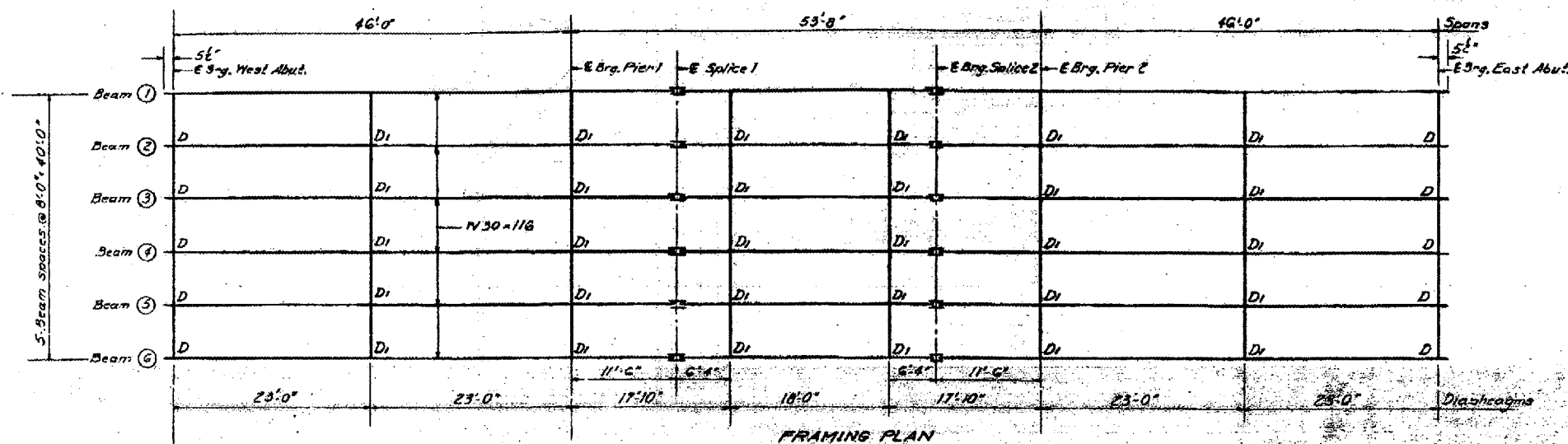


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS ROUTES
VARIOUS COUNTIES
D-9 BRIDGE PAINTING FY 06-1
CONTRACT 98941
SHEET 39 OF 48

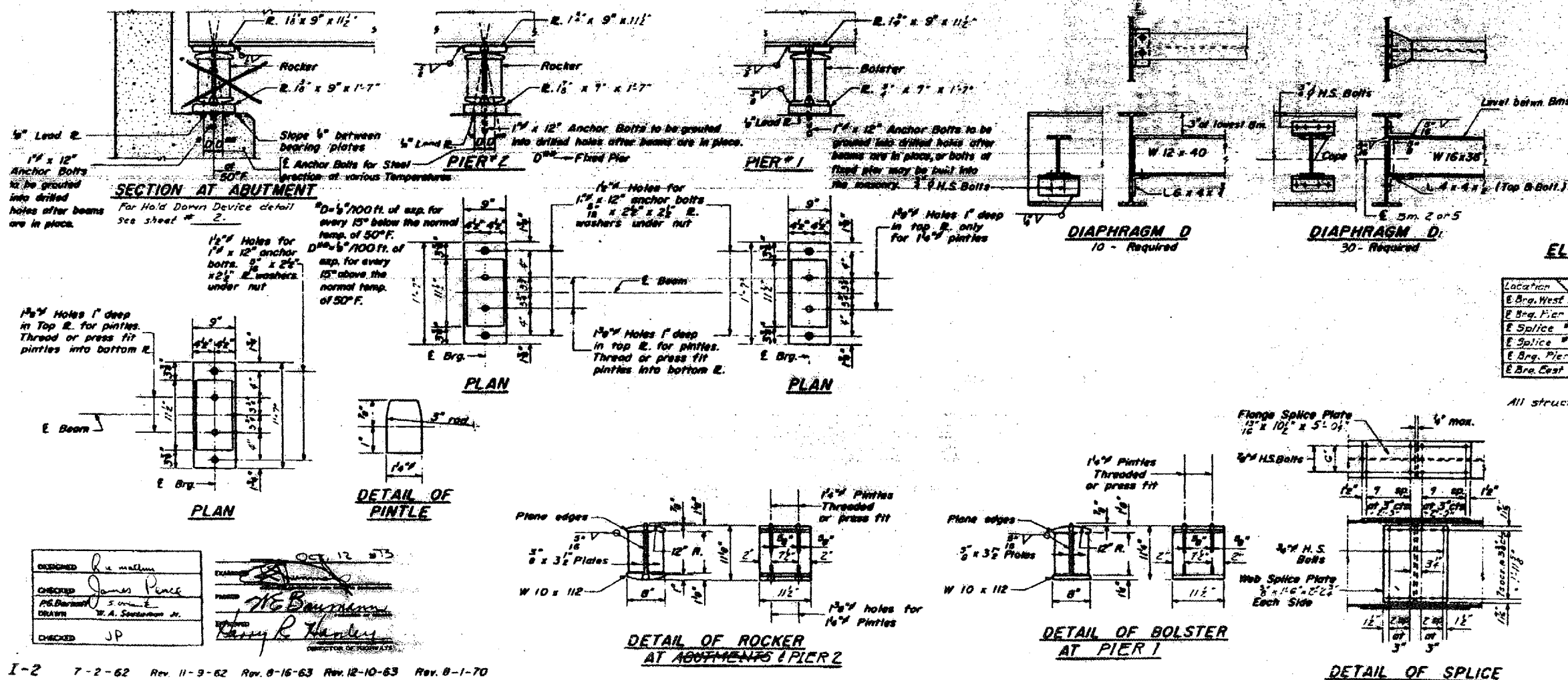


INTERIOR BEAM MOMENT TABLE

	0.5 Sp. 1-3	Pier 1 or 2	0.5 Sp. 2
I (in ⁴)	4930	4930	4930
Q (ft ²)	1.354	1.354	1.354
M ₀ (ft-k)	217	342	146
M ₁ (ft-k)	390	253	311
Imp. (ft-k)	96	72	67
M _{TOTAL} (ft-k)	645	627	574
R ₀ (ft-k)	23.5	24.3	19.7

INTERIOR BEAM REACTION TABLE

	Abut.	Pier
R ₀ (ft-k)	23.0	71.0
R ₁ (ft-k)	39.7	67.3
Imp. (ft-k)	11.5	13.8
R _{TOTAL} (ft-k)	74.2	134.1



DESIGNED *R. A. Mallon*
CHECKED *James Pence*
P.E. DRAWN *W. A. Sauerbaum Jr.*
CHECKED *JP*

DATE *OCT 12 1973*
DRAWN *W. A. Sauerbaum Jr.*
CHECKED *Harry R. Hantley*

I-2 7-2-62 Rev. 11-9-62 Rev. 8-16-63 Rev. 12-10-63 Rev. 8-1-70

BRIDGE NO. 10
073-0025
FOR INFORMATION ONLY

STRUCTURAL STEEL
P.A. RT. 128 SEC. 8-1-B
PERRY COUNTY
STA. 272+85-00