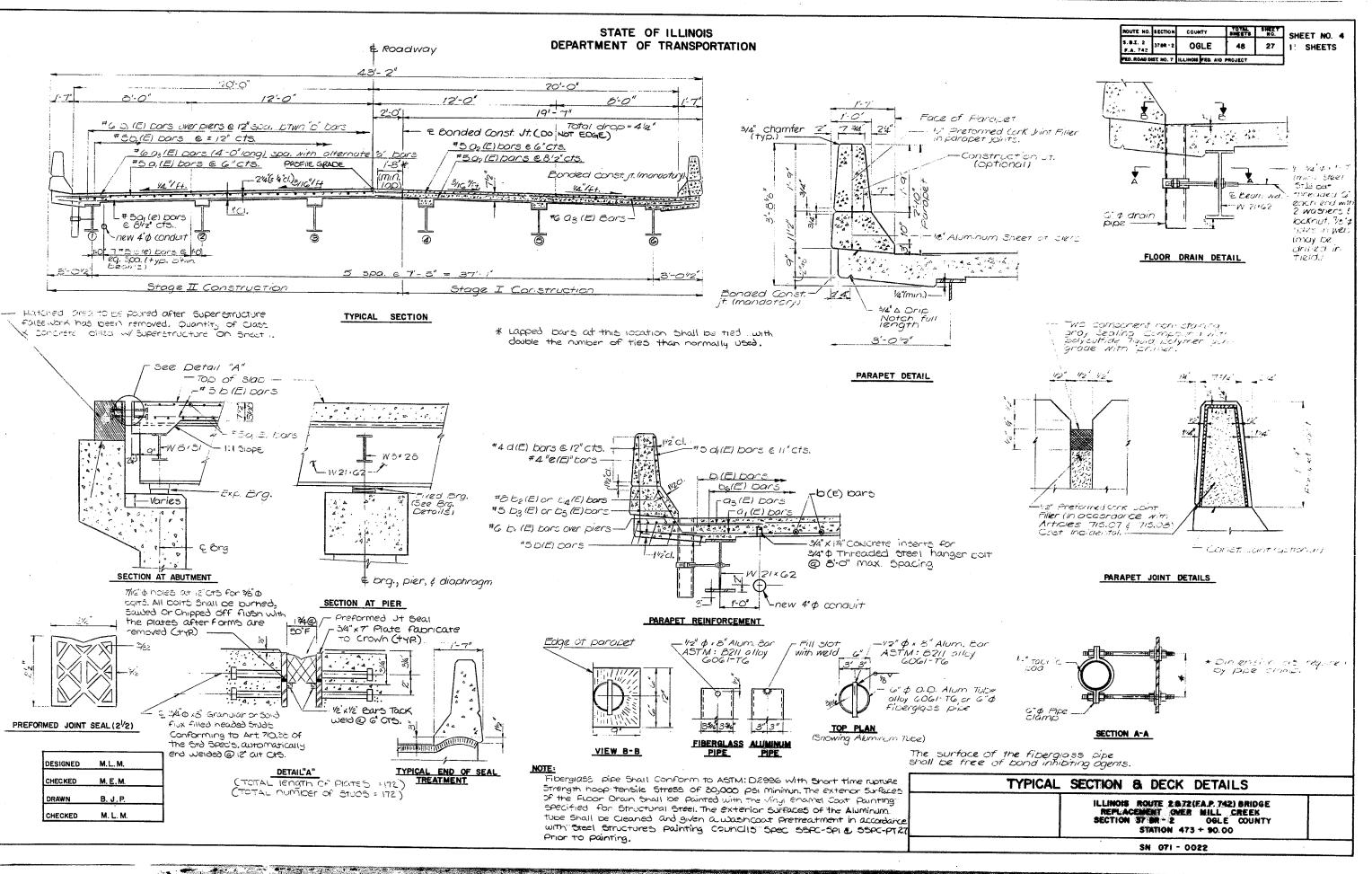


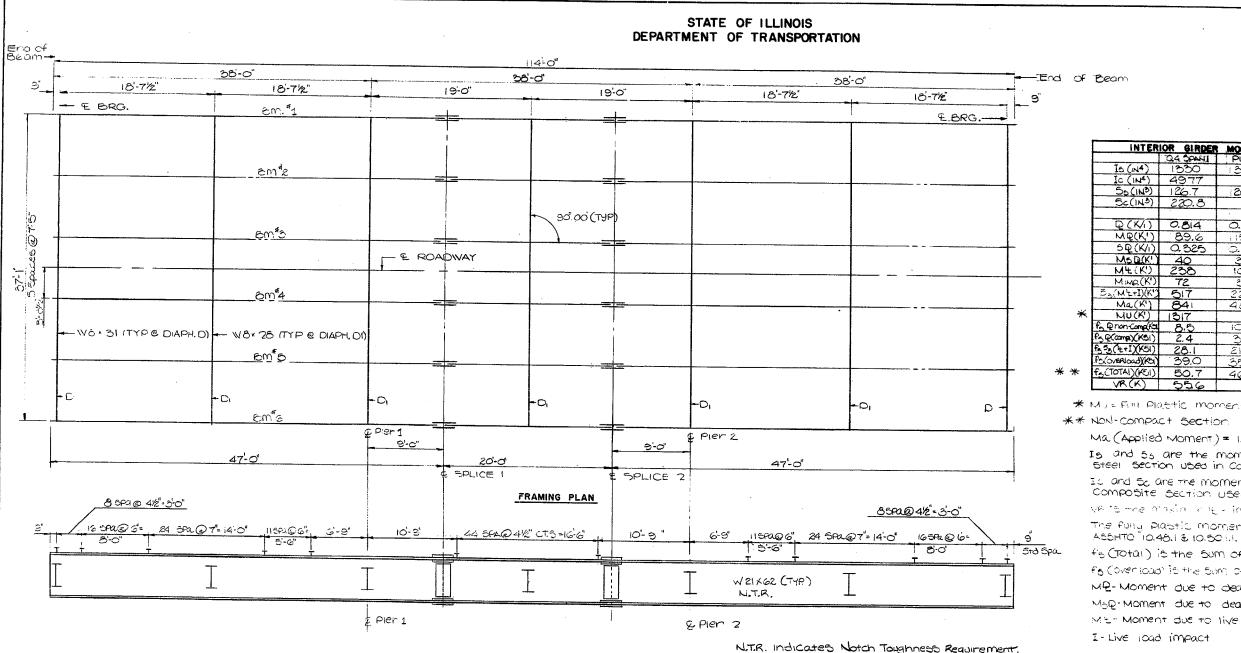
		0567100 COUNTY 3758-2 OGLE 107.100.7 ILLINGIS FED. A	10 PROJECT	SHEET NO. I
TOTAL BR	IDGE	QUANTITIE	5	
			QUANTITY	
	UNIT	SUPER - STRUCTURE	SUB- STRUCTURE	TOTAL
FRUCTURE	CY.	143.6		143.6
MOVAL	CY.		31.3	. 31.3
E	CY		48.1	48.1
PRG. PEII	EA.		12	12
	EA	12		12
ERECTING	LÔ	1		1
ONNECTORS	EA,	1980		1980
TAC	ST.	602		<u>602</u>
5	EA.	!		1
NT SEAL (21/2)	LF.	£G		ଚତ
T BARS,				
	LB5.	36,140		36,140
T DARS	LOS	-	410	4:10.
URE	EA.	1		'
EALING	LINFT		(<u>)</u>	13
LT5 3/4°0	EACH		153	153
ICRETE BARRIER	L.F.	223		258
		1	DEX OF DRA	VINGS
		SHT. NO.		
			TITLE	
			NERAL NOTES IC	
			CK ELEVATION	
			PICAL SECTION	DECK DETAIL
			CK ELAN	
0		the second se	AMING PLAT	
			CELLANEOUS	
0			EST ABUTMEN	1
			ERS 142 ST ABUTMEN	νT
			MP CONC BARRIE	
)			
VN IS BASED				
LINOIS RT Z) VN IS BASED IG.				
NN IS BASED		F		
VN IS BASED				
VN IS BASED				

ILLINGIS ROUTE 2.8.72 (F.A. P. 742) BRIDGE REPLACEMENT OVER MILL CREEK SECTION 37 BR-2 OGLE COUNTY STATION 473 + 90.00

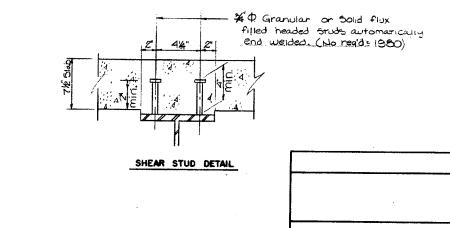


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The Part of



BEAM ELEVATION



DESIGNED	M.L.M.	
CHECKED	M.E.M.	
DRAWN	M.B.	
CHECKED	M. L. M.	

1

HUDSE NU.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO 6
8.8.1.2 F.A.742	37 M Z	OGLE	48	29	II SHEETS
TEB. NOAD	NET. NO.7	ILLINON FED. AI	D PROJECT		

IRDER	MOMENT	TABLE
XONEI	PIERI	OS SPANZ
50	1330	1350
		0559N2 1350 4977
».7	26.7	1267
.7 2.8		126,7 220,8
314	0.814	0814 319
Э.6		319
	0.325 0.325 00 100 01 224 486	0.325 24 214 64
2	34	24
රී	103	214
2	ି ।	64
7	224	464
1	486	676
7		1317
5	10.9	30
4	33	1.4
).),O	0.00 0.00 0.00 0.00 0.00 0.00 0.00	64 464 979 70 0.4 20 20 20 20 20 20 20 20 20 20 20 20 20
),O	35.4	29.6
).7 36	46.0	38.0
36		57.7

INTERIOR (SIRDER REAC	TION TABLE
	ABUTMENTS	PIER , 0R2
RE(K)	17.2	46.2
RE(K)	<u> </u>	47.4
IMP(K)	12.0	.4.2
R. Total(K)	69.1	06.5

* MU = Full Plastic moment Capabity for Compact braced Section (* Novi-Compact Section

Ma (Applied Moment) = 1.3[M Q+M3 Q+3; (M++1)]

Is and 5s are the moment of inertia and section modulus of the steel section used in computing for (total and overload)

Ic and 50 are the moment of inertia and section modulus of the Composite Section used in Computing for (Total and overlaps)

vere me analia in the impact onean cance in statu

The Puly Plastic moment capacity (MU) is computed according to ASSHTO 10.48.1 & 10.50.1.

fs (Totai) is the sum of the stresses due to $1.5[M_{\rm e}+M_{\rm o}Q+M_{\rm o}$

Mole-Moment due to dead loads on Composite Section

ME-Moment due to live loads on non-composite section. I-Live load impact

NOTE: See Sheet 7 for additional hotes.

FRAMING	PLAN
RÉPLI	ROUTE 2 872 (F.A.P. 742) BRIDGE ACEMENT OVER MILL CREEK 37 BR-2 OGLE COUNTY
	STATION 473+90.00 SN 071-0022

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