

DEAD LOAD & LIVE LOAD REACTIONS

Pier	Face	Dead Load		Live Load + Impact		TOTAL (Kips)	
		Fascia	Interior	Fascia	Interior	Fascia	Interior
3	West	33	38	46	46	80	84
	East	38	41	45	45	83	85
4	East	42	47	45	45	87	92
	West	42	47	45	45	87	92
5	East	41	46	45	45	86	91
	West	26	29	41	41	67	69
10	East	34	37	43	43	77	80
	West	33	37	43	43	76	80
11	East	34	37	43	43	77	80
	West	34	37	43	43	77	80
12	East	33	37	43	43	76	80
	West	34	37	43	43	77	80
14	East	34	37	43	43	77	80
	West	34	37	43	43	77	80
15	West	34	37	42	42	77	80
	East	36	40	43	43	80	83
16	West	35	39	43	43	78	82
	East	48	53	45	45	92	98
17	West	47	52	45	45	92	97
	East	47	52	45	45	92	97
18	West	47	52	45	45	92	97
	East	53	63	56	56	109	119
19	West	53	63	56	56	109	119
	East	46	52	45	45	90	96
20	East	48	56	56	56	103	112
	West	46	52	45	45	90	96
22	West	46	52	45	45	90	96
	East	49	54	51	51	100	105
26	West	94	106	58	58	152	164

LEGEND:

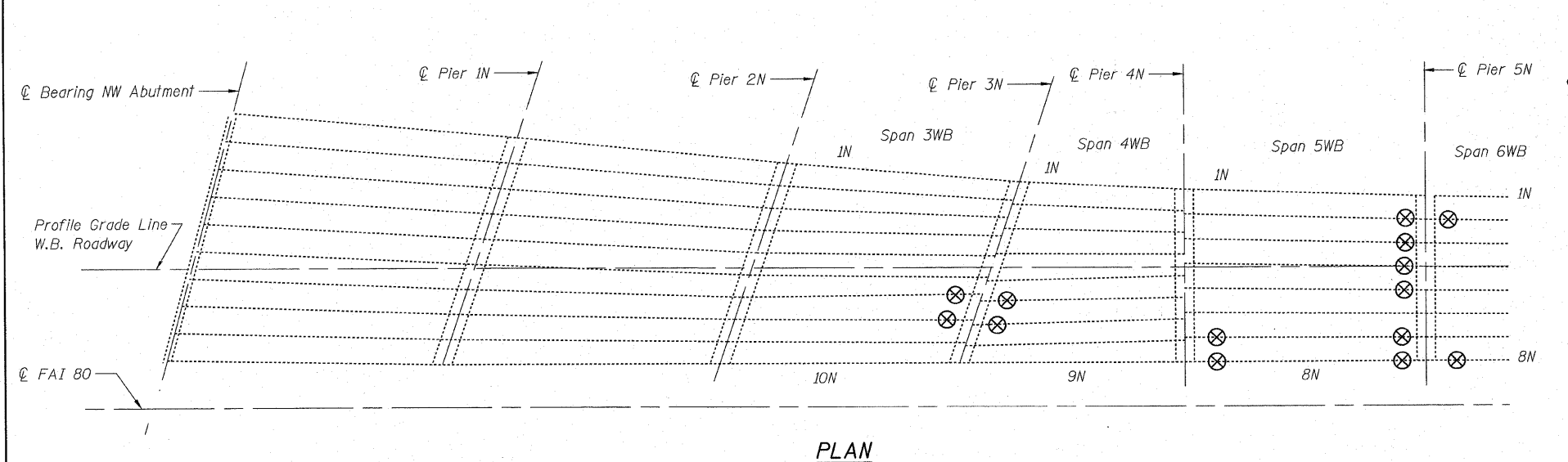
⊗ Temporary Shoring and Cribbing, Special

BILL OF MATERIAL

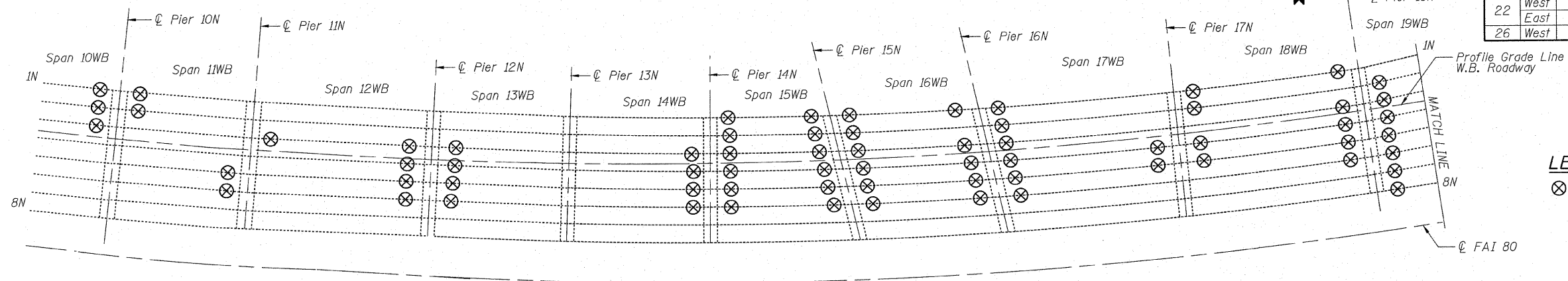
ITEM	UNIT	TOTAL
Temporary Shoring and Cribbing, Special	Each	103

NOTES:

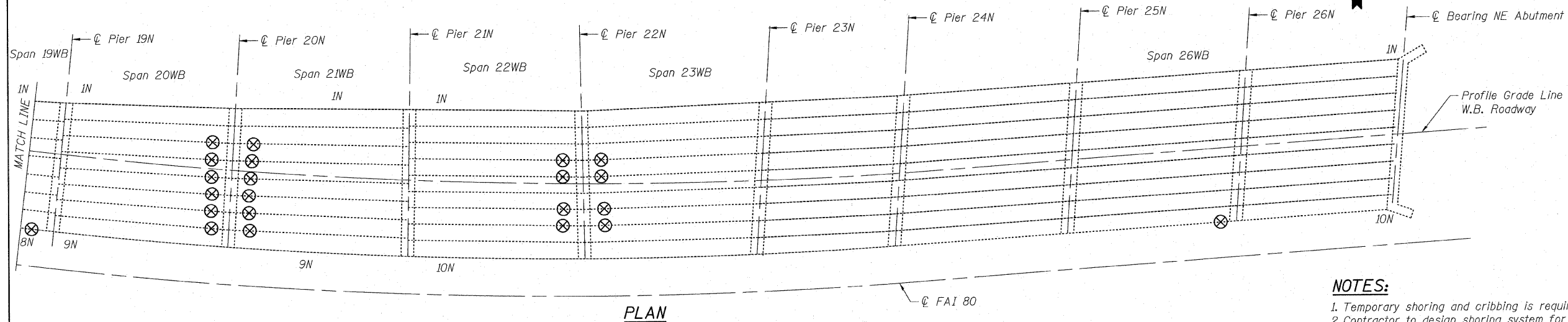
1. Temporary shoring and cribbing is required for pier repairs.
2. Contractor to design shoring system for dead load plus live load plus impact. See Special Provision for Temporary Shoring and Cribbing, Special.



PLAN



PLAN



PLAN

DESIGNED - RCW/MRI	REVISÉ -
DRAWN - RCW	REVISÉ -
CHECKED - PCA	REVISÉ -
DATE - 2/8/2011	REVISÉ -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY SHORING & CRIBBING LOCATIONS - SUBSTRUCTURE
WESTBOUND FAI-80 OVER DES PLAINES RIVER
STRUCTURE NO. 099-0057**
SHEET NO. S-20 OF 35 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99 (4&4-1) RS-3	WILL	203	129
CONTRACT NO. 60M66				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				