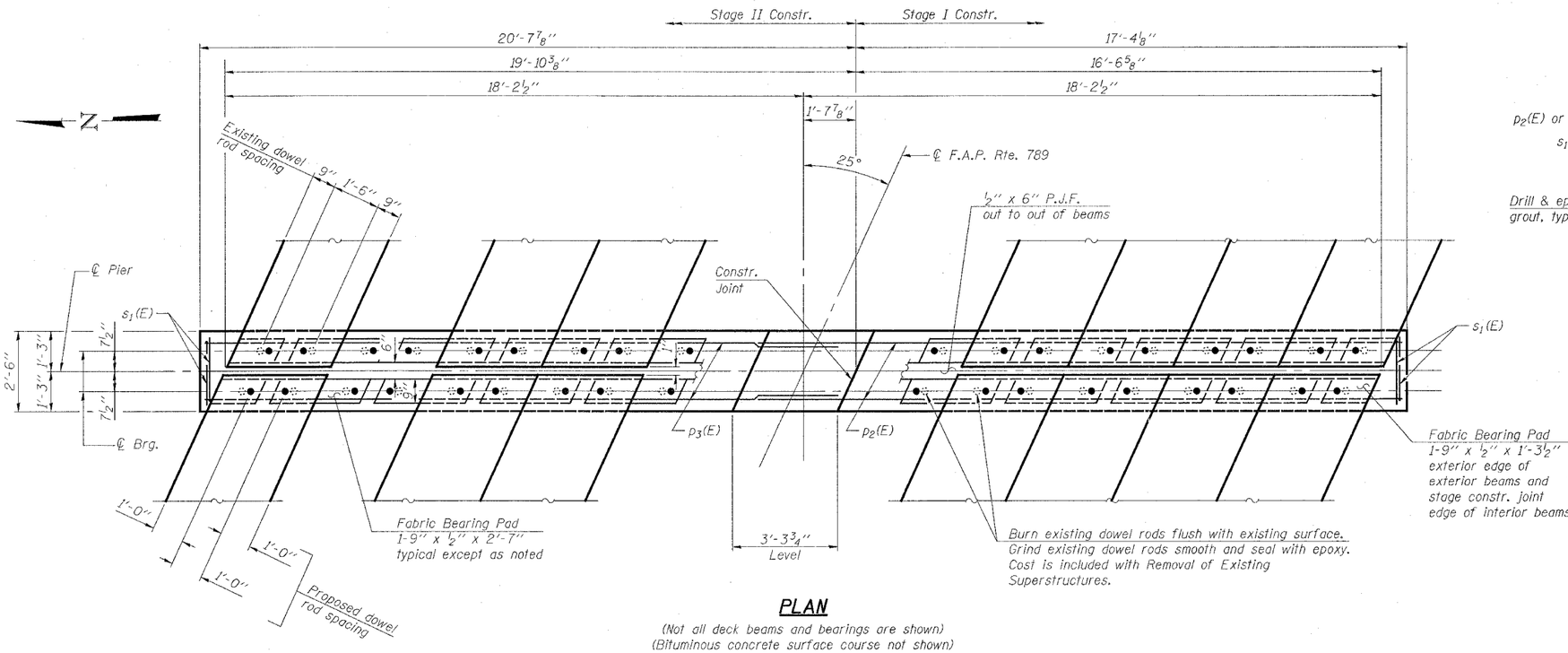
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 789	68-BR-1	MADISON		20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 11
12 SHEETS

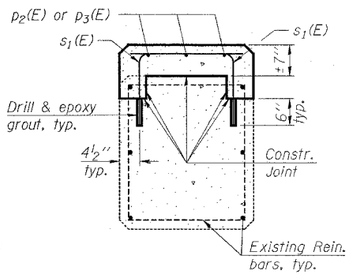
Contract #76896

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

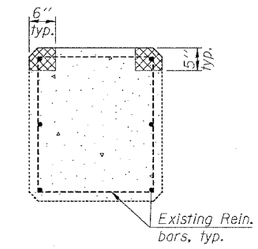


PLAN

(Not all deck beams and bearings are shown)
(Bituminous concrete surface course not shown)

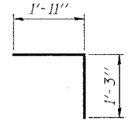


SECTION A-A

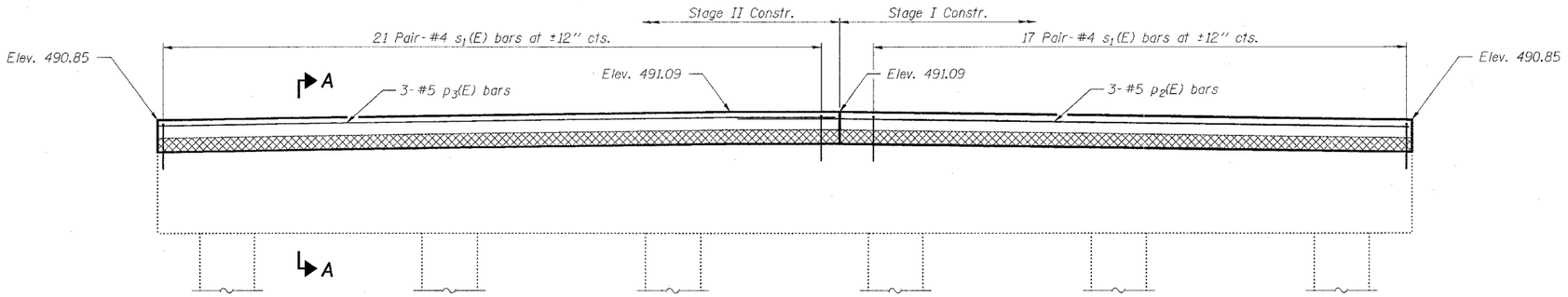


SECTION A-A

(Showing "Concrete Removal")



BAR $s_1(E)$



ELEVATION

(Looking East)

BILL OF MATERIAL (PER PIER BENT)

Bar	No.	Size	Length	Shape
$p_2(E)$	3	#5	20'-3"	——
$p_3(E)$	3	#5	20'-0"	——
$s_1(E)$	76	#4	3'-2"	⌐
Concrete Removal			Cu. Yd.	0.6
Concrete Structures			Cu. Yd.	2.5
Reinforcement Bars, Epoxy Coated			Pound	290

Reinforcment Bars designated (E) shall be epoxy coated.
Provide 2" chamfer to edge of beamseat.

Note:
Hatched area indicates "Concrete Removal".
Reinforcement extending into removed area shall be cleaned and incorporated into the new construction.
Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to "Concrete Removal".
Concrete Removal shall occur during its respective stage construction.
For Pier Bent repair details, see sheet 11 of 12.

DESIGNED	EML
CHECKED	NJM
DRAWN	EML
CHECKED	NJM

HORNER & SHIFRIN, INC.
ENGINEERS ■ ARCHITECTS ■ PLANNERS

PIER BENTS
F.A.P. ROUTE 789 - SECTION 68-BR-1
MADISON COUNTY
STATION 98+33.25
STRUCTURE NO. 060-0150