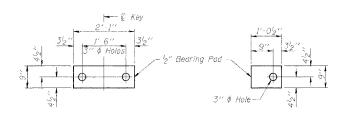
		MORGAN		SHEETS	SHEET NO.	
TR-324	*			10	5	
FED. RO. DIST. N	ST. NO. JLLINGIS	JULINOIS	FFD. AID PROJECT			



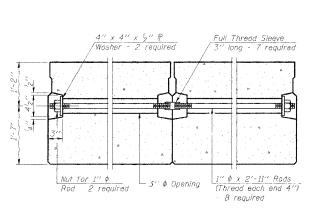
" FABRIC BEARING PAD

'2" FABRIC BEARING PAD <u>FIXED</u>

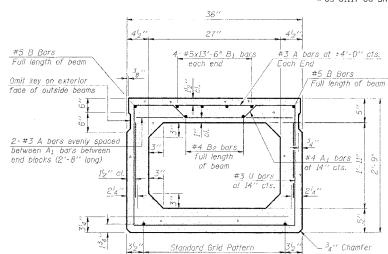
BAR A1

2'-9" o. to o. BARS U & U1

2'-9" o. to o.



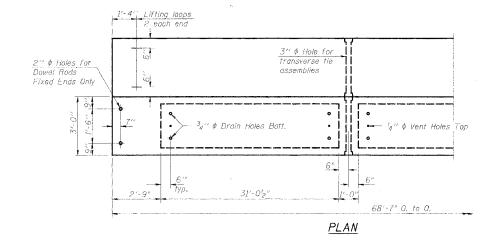
TYPICAL TRANSVERSE TIE ASSEMBLY

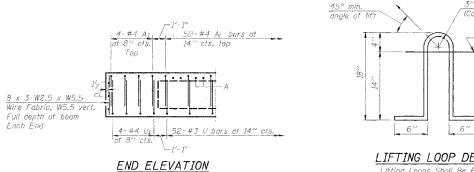


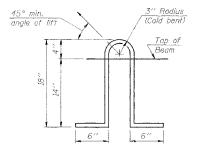
TYPICAL SECTION $\mbox{$b^{\prime\prime}$ ϕ}$ Strands, Each Strand Stressed to 30,900 Lbs. 8-Strands $1^34^{\prime\prime}$ up, 6-Strands $3^44^{\prime\prime}$ up, 2-Strands $9^{\rm m}$ up

Note: Place strands symmetrically about € of beam.

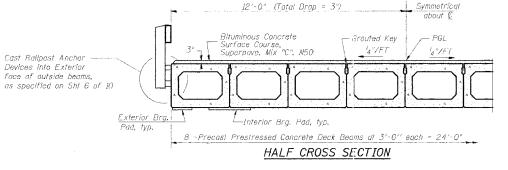


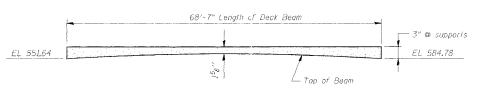






<u>LIFTING LOOP DETAIL</u> Lifting Loops Shall Be Burned Off After Beam Placement





PROFILE OF OVERLAY

<u>NOTES</u>

Prostressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be $\frac{1}{2}$ ' and the nominal cross-sectional area shall be 0.153 sq. in. Lifting loops shall be $3 \cdot \frac{1}{2}$ '' ϕ -270 ksi strands, as shown. The 1'' ϕ rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar on outside shall be filled with grout after transverse tie assembly it is place.

assembly is in place.

Non prestressing steel shall conform to AASHTO M-31 or M-322, Grade 60.

The bearing seat surfaces shall be adjusted by shimming to assure firm and even bearing. Two 'g" fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each

Fabric Bearing Pads shall comply with Section 1082 of the Strandard Specifications.

Keyway surfaces shall be cleaned to remove form oil or other bond breaking material prior to shipment of the beams. Cleaning shall be done by sandblasting the keyway areas between top of the beam and the bottom edge of the key.

Corrosion Inhibitor, as covered in the Special Provisions, shall be used in the concrete for

precast prestressed concrete deck beams.

Required Release Strength, f'ci, shall be 4000 p.s.i.

			Shap

Precast Prestressed Concrete Deck Beams (33" Depth)			1646.
Bituminous Concrete Surface Course.			28
	Deck i oth) us Conc	Deck Beams oth) us Concrete	Deck Beams Sq. Ft. oth) Sq. Ft. us Concrete

DRAWN BY CHECKED BY APPROVED E DATE FEBRU	BYREG	FAF	SUPERSTE S.N. 069 RMER ROA /ER INDIA)- 3259 D (TR-	324)		
REVI	SIONS	MODE	GAN COUNT	TV TII	THOTC		
DATE	BY	MONG	AN COON	1, 1LL	.11013		
		BENTON & ASSOCIATES INC	Consulting 1970 West Lafa Phone: 217- IL Design Fir	Engineers yette Ave. 245-4146 m Registra	Jacksonv Jacksonv Fax: 217- tion No. 1	urveyors ville, IL 6: -245-414 184-0008	2650 9
FIELD BOOK:		SCALE:	JOB NO. 05	EI556	SHEET	5 OF	