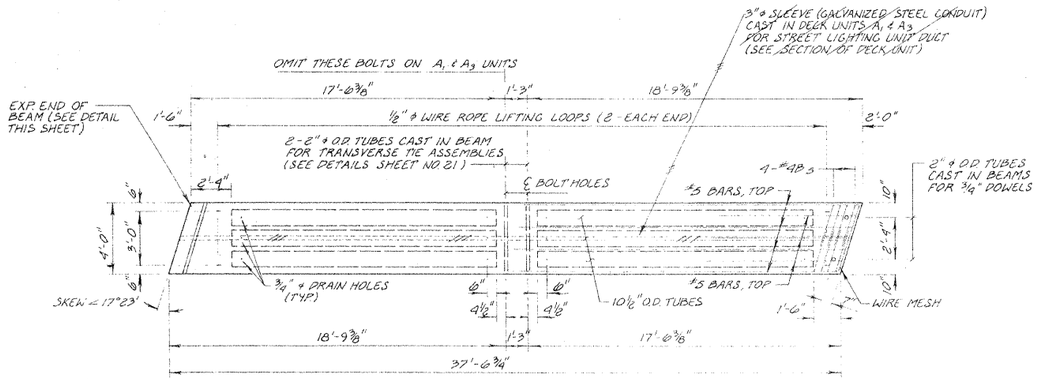
00115-20

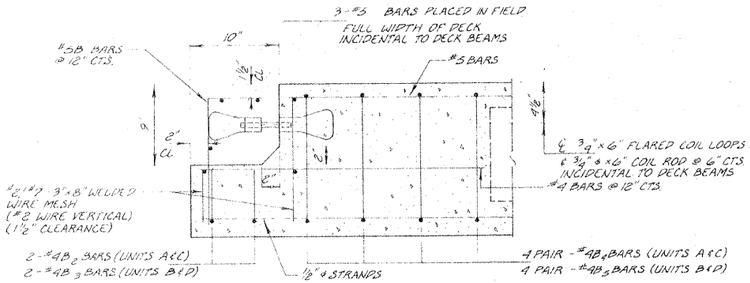
Contract 62601
Sheet 58

FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2021	76-00046-00-GS	DUPAGE	36	20
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT MG-5003(000)		



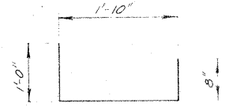
PLAN OF (A) DECK UNITS

ELEVATION

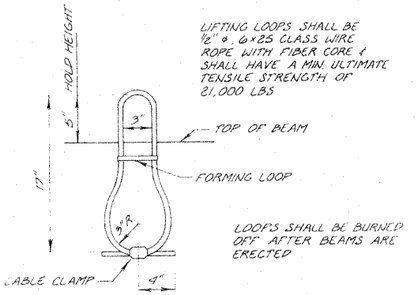


EXPANSION END OF BEAM

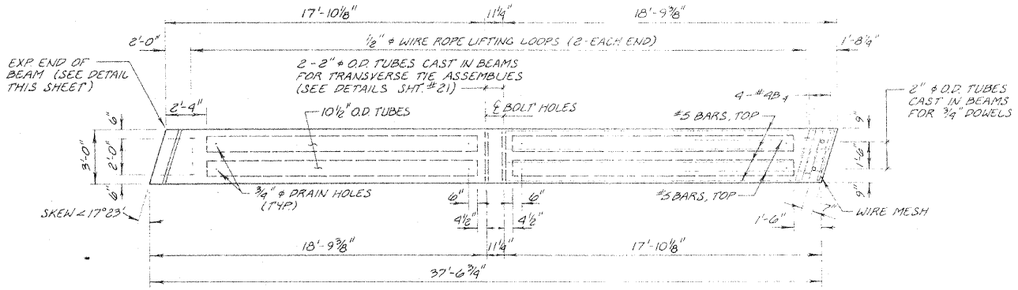
BAR B



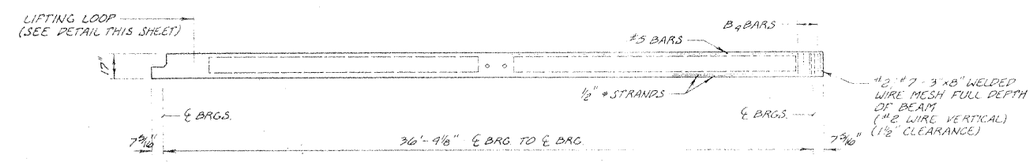
BAR B1



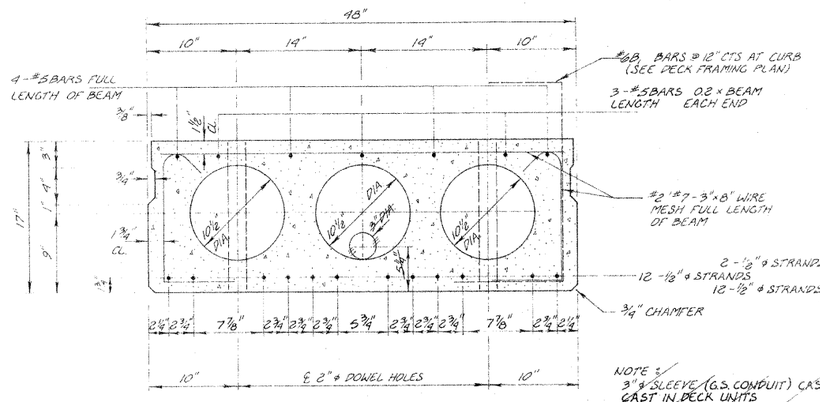
LIFTING LOOP DETAIL



PLAN OF (B) DECK UNITS



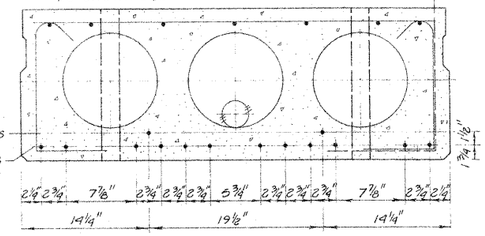
ELEVATION



SECTION OF (A) DECK UNITS

SPANS 1 & 3
12-½" DIA. STRANDS, EACH STRAND STRESSED TO 28,900 PSI
12 STRANDS = 1 3/4" UP.
f'ci = 4300 psi.

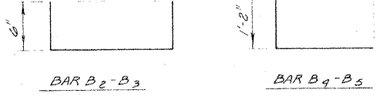
NOTE:
DECK UNITS 'C' HAVE THE IDENTICAL CROSS SECTION AS DECK UNITS 'A' EXCEPT FOR ADDITIONAL 1/2" DIA. STRANDS AS SHOWN BELOW



SECTION OF (C) DECK UNITS

SPAN 2
14-½" DIA. STRANDS, EACH STRAND STRESSED TO 28,900 PSI.
12 STRANDS = 1 3/4" UP; 2 STRANDS 3 1/4" UP.
f'ci = 4900

NOTE:
3" ø SLEEVE (G.S. CONDUIT) CAST IN DECK UNITS A1, A3 & C1 (SEE PLANS) FOR STREET LIGHTING UNIT DUCT



BAR B2 - B3

BAR B4 - B5

REVISIONS	
NAME	DATE
D.C.N.	1-30-78
AS BUILT D.C.N.	10-9-80
Added	7-21-11

ILLINOIS DIVISION OF HIGHWAYS

DECK BEAMS (A&B) & DETAILS

ARDMORE AVENUE BRIDGE

SCALE: AS SHOWN — DRAWN BY: D.C.N.

DATE: 12-28-77 — CHECKED BY: G.A.S.

00115-20