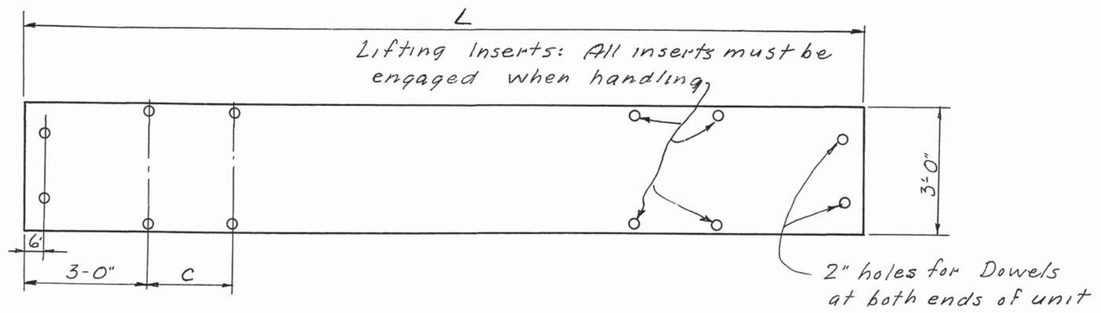
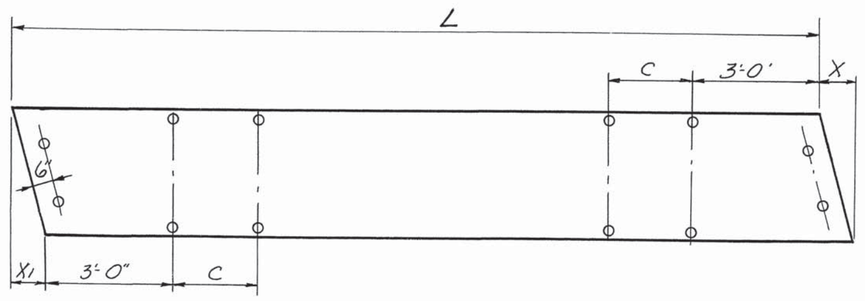
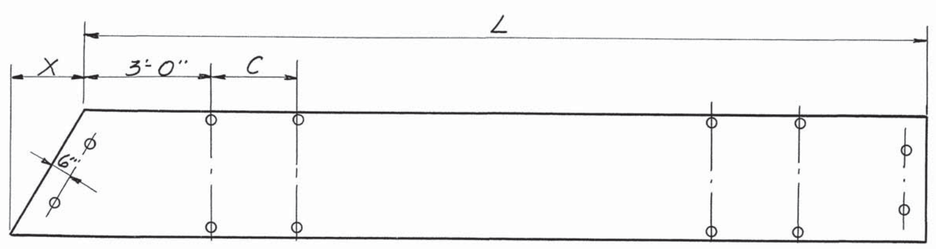
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	TENN.		19		



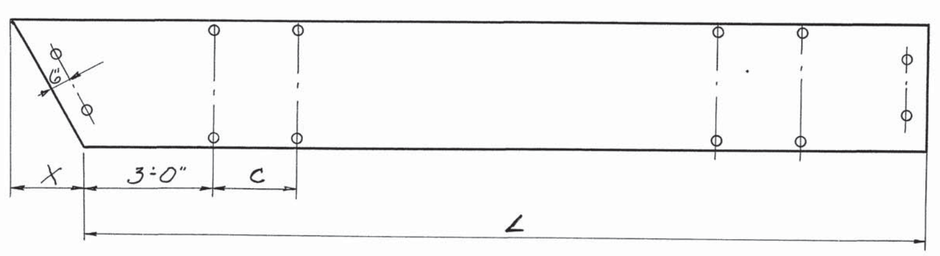
PLAN-TYPE "A"



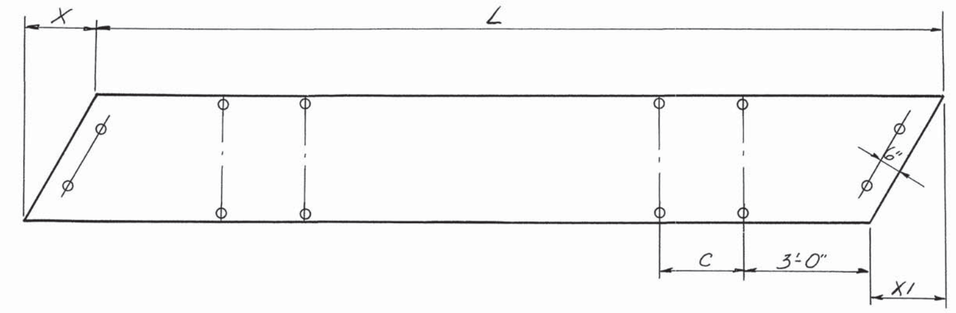
PLAN-TYPE "B"



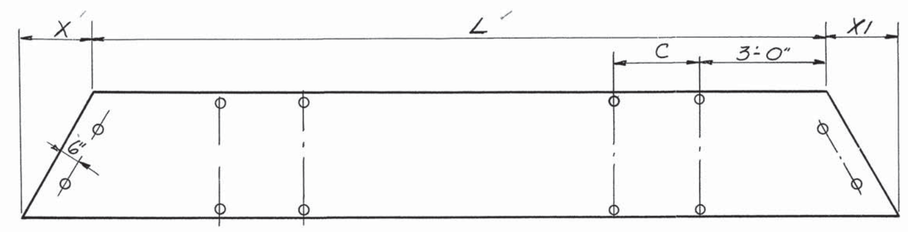
PLAN-TYPE "C"



PLAN-TYPE "D"

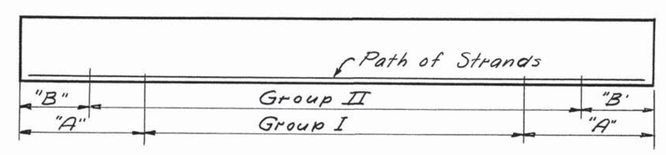


PLAN-TYPE "F"

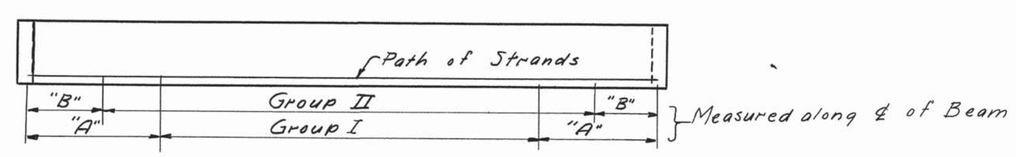


PLAN-TYPE "E"

Note Dimension "C" to be determined by fabricator



ELEVATION OF BEAM
90° Skew

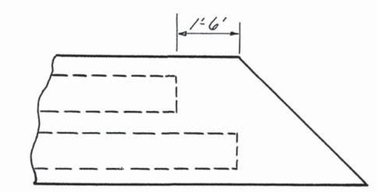


ELEVATION OF BEAM
45°-75° Skew

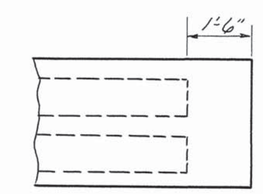
Note Bond to be broken on Groups I & II for length shown in Bond Break Table. Bond Break to be accomplished by wrapping individual strands in water resistant paper. See Dwg. No. K-15-66 for strand grouping

BOND BREAK TABLE

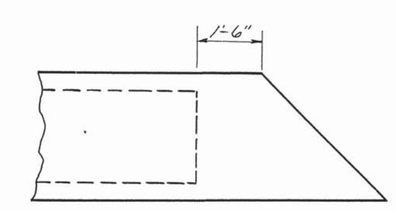
	Group I Bond Break Point	Group II Bond Break Point
Clear Span Ft	"A"	"B"
20	2'-6"	———
22	2'-6"	———
24	4'-6"	2'-6"
26	4'-11"	2'-11"
28	4'-6"	2'-6"
30	4'-6"	2'-6"
32	4'-6"	2'-6"
34	4'-9"	2'-9"
36	4'-6"	———
38	2'-6"	———
40	2'-6"	———



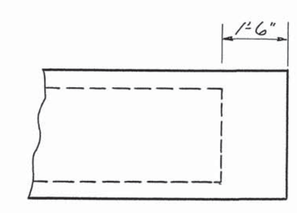
PART PLAN 45°-75° SKEW
17" & 21" Depth Beam



PART PLAN 90° SKEW
17" & 21" Depth Beam



PART PLAN 45°-75° SKEW
27" Depth Beam



PART PLAN 90° SKEW
27" Depth Beam

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS
NASHVILLE

STANDARD
BRIDGE WIDENING
PRESTRESSED BOX BEAMS
SPANS 20'-40'
FOR 8'-0" WIDENING
1962

DESIGNED BY		DATE	
DRAWN BY	E.L. Owen	DATE	11-9-62
TRACED BY	A. Kelley	DATE	11-14-62
CHECKED BY	U.G. Emge	DATE	11-14-62

CORRECT: Fred Greene, BRIDGE ENGINEER

APPROVED: Lee D. Long, STATE HIGHWAY ENGINEER

K-15-67
WITH DWG. K-15-66

Revised 12-4-64 Bond Break pattern for 30'-0" clear span.

DEPARTMENT OF HIGHWAYS