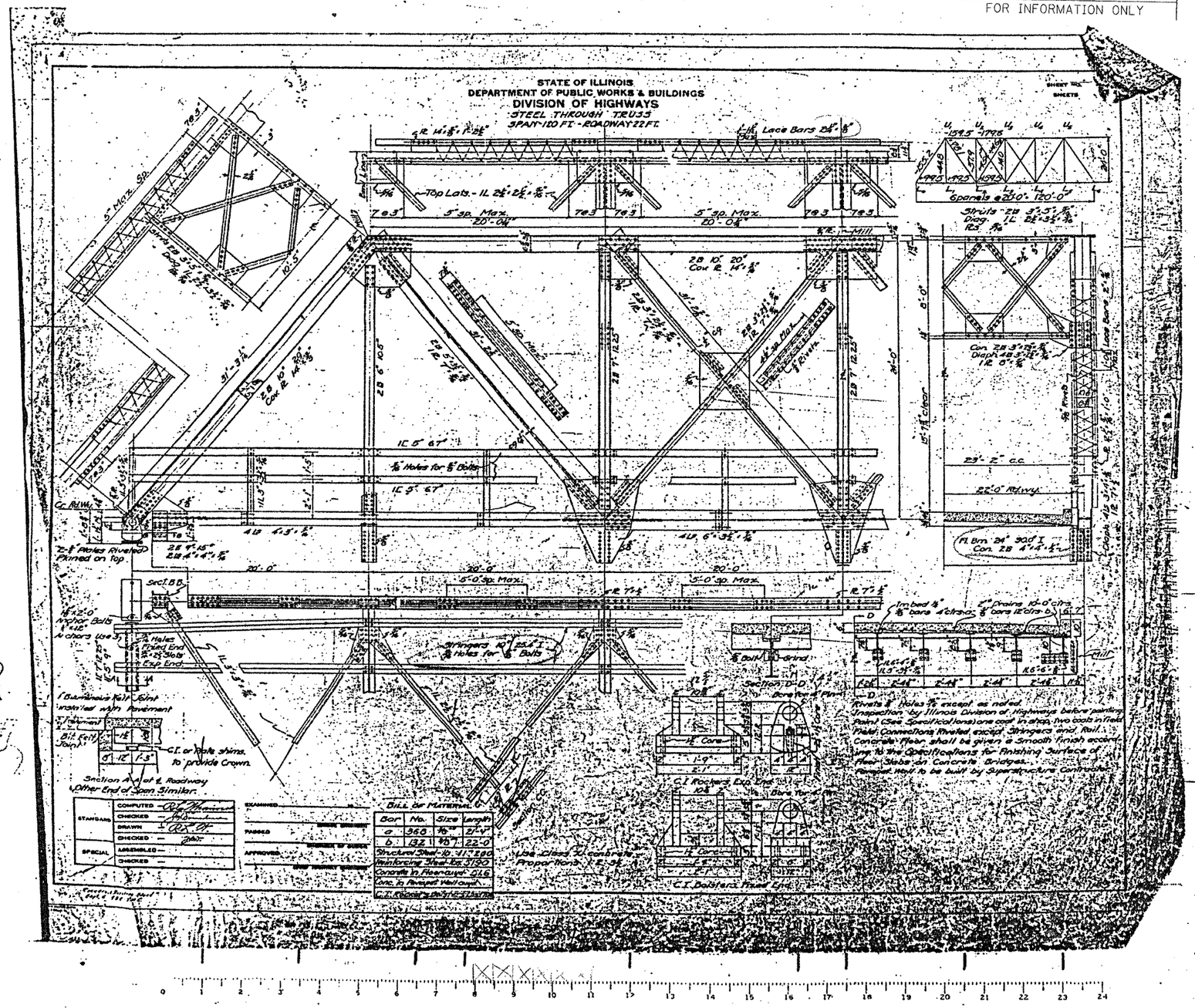
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
88	103C-BR	BUREAU	51	29
STA.		TO STA.		

EXISTING CONDITIONS:

FOR INFORMATION ONLY

64423



126 TRUSS

END POSTS = 31"x4 = 124

1.16
.83] [.83
.24

1.16
1.16 2.32
.83
.83
.83 3.32
.83
.24
.24
.24
.24
6.6 x 124" = 818 SF

TOP CHORD
6.6" x 160" = 1056 SF

LATTICE
.18 x 1.30 = .23 x 2 = .46 x 524 = 241 SF
59 x 4 END POSTS = 236
16 x 8 (TOP) = 288
524

VERTICALS
.17 x 1.22 = .20 x 2 = .40 x 720 = 288 SF
36 x 20 = 720

VERTICALS
] [6" 6"x4 = 2.0 24"x4 = 96"
2" 2"x8 = 1.33
3.33 x 96" = 319 SF

] [7" 7"x4 = 2.33 24"x6 = 144 SF
2.19" .18x8 = 1.44
3.77 x 144" = 543 SF

DIAGONALS 31.25 x 8 = 250
31.25 x 4 = 125
[5" 7"+7"+5"+5"+5"+5" = 2.83 x 125 = 354 SF
XX
[3" 7"+7"+4(3") = 2.16 x 250 = 540 SF

UNDER BRACING 30"x4 = 120
30"x8 = 240
L 2½x2½
.20x6 = 1.2 x 240 = 288 SF

L 3"x3"
.25x8 = 1.5 x 120" = 180 SF

TOP LATS 4x30 = 120
7 2½x2½
.20x6 = 1.2 x 120 = 144 SF

PORTAL 6x12" = 72
7 2½x3½ = 24" = 2.0 x 72" = 144 SF
7 3"x5" = 16" = 1.33 x 220" = 292 SF
22" x 10 = 220

5032 SF

10" I .83 .37x3 = 1.11
.83x2 = 1.66
4.6 = .37 2.77

113 STRINGERS
10 x 5 = 50 x 20" = 1000
x 2.77
2770 SF
554
3324

STRINGERS BELOW JOINTS
10 x 20" = 200
x 2.77
554 SF

121 BOTTOM CHORD
4"x3" .33x8 = 2.64
.25x4 1.00
20"x8 = 160 3.64
x 160"
582 SF

6"x3½
.5x8 = 4.0
.29x4 = 1.16
5.16
x 80
.20"x4 = 80" 413 SF = 995 SF

152 FLOOR BEAMS
I 24" 24"x2 = 4"
7" .58"x3 = 1.74
5.74
x 23.16
22"+14" = 23.16 132.9
x 5 beams
664 SF