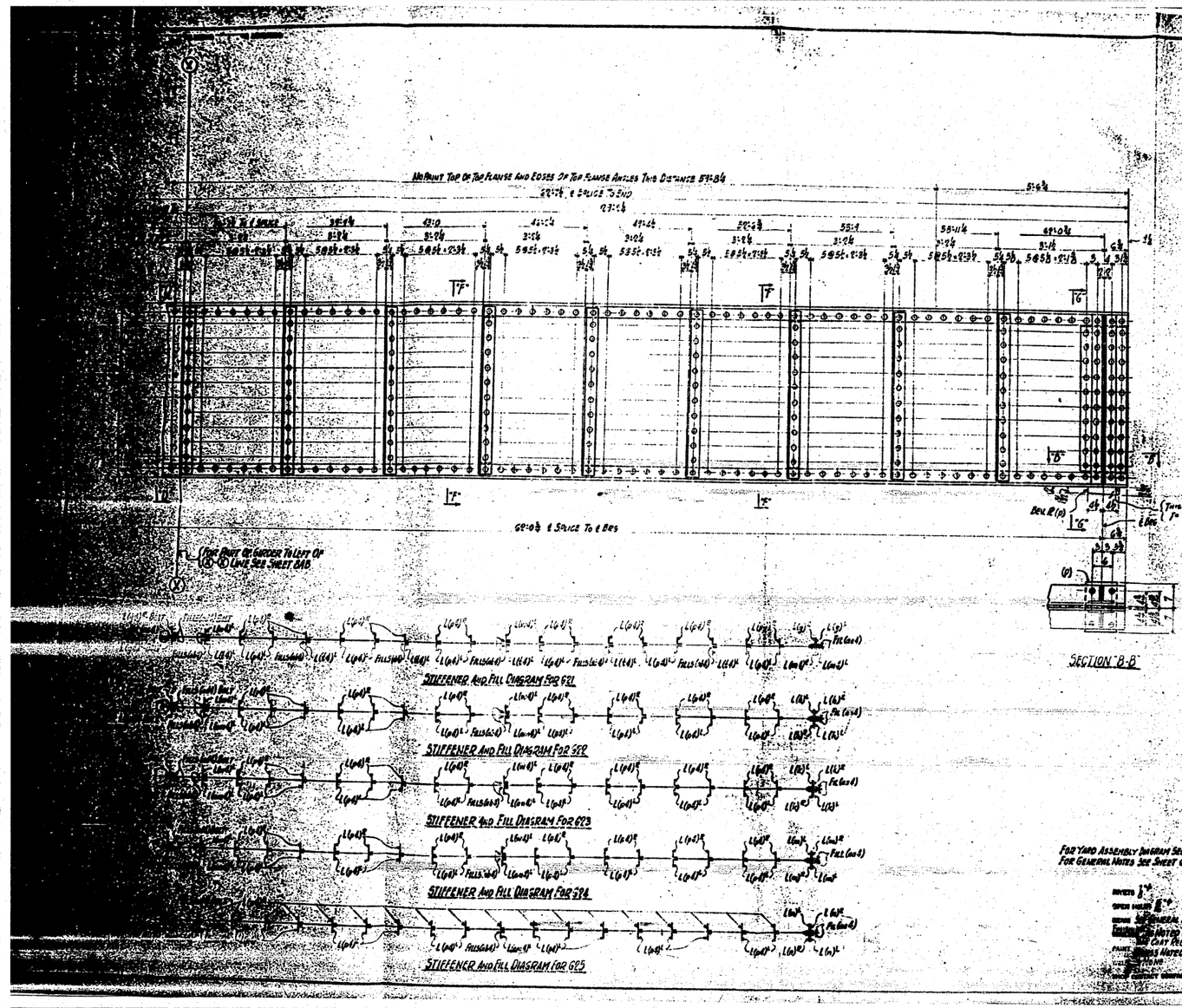

Bill Of Material For One Girder G21 G22 G23 G24 & G25

1-Top Chord L 6×6×⅝×63'-8½" (a)*
1-Top Chord L 6×6×⅝×63'-3" (b) } Used G21 & G22
1-Bott Chord L 6×6×⅝×63'-1½" (c)*
1-Bott Chord L 6×6×⅝×61'-9" (d)*
1-Reb P 30×⅜×60'-1½" (f) Used G21-G24
2-Splice L 9×⅝×1'-8" @ 7'-5" @ Off (Use G-6×⅝) Grind Heel To Fit Chord L - Bolt
1-Splice P 11"×⅜×1'-5½" (h) Bolt
1-Splice P 14"×⅜×1'-5⅜ (h-1) Bolt
5-Stiff L 5×3½×⅜×1'-4½" (g) Fit
2-Stiff L 5×3½×⅜×1'-4½" (g) Fit
16-Stiff L 5×3½×⅜×1'-4½" (g) Fit
12-Stiff L (g4) For G22
6-Stiff L 5×3½×⅜×1'-4½" (g4) Grind To Fit
2-Stiff L 5×3½×⅜×1'-4½" (g4) Grind To Fit For G21, G22, G23 & G24
2-Stiff L 5×3½×⅜×1'-3½" (g-1) Grind To Fit - Bolt
6-Fit P 12×½×2'-6" (m)
16-Fit P 24×½×3'-6½" (m1) For G22
2-Fit P 14×½×3'-6½" (m)
4-Fit P 24×½×3'-6½" (m1) Bolt
4-Stiff L 5×3½×⅜×1'-4½" (h) Fit For G22
4-Stiff L 5×3½×⅜×1'-4½" (h) Fit For G23
4-Stiff L 5×3½×⅜×1'-4½" (h) Fit For G24
4-Stiff L 5×3½×⅜×1'-4½" (h) Fit For G25
32-Stiff L (g4) Fit For G22, G23 & G24
8-Fil (a64)
2-Stiff L 5×3½×⅜×1'-0½" (m-1)* For G22, G23, G24 & G25
18-Stiff L (g41)*
16-Stiff L (g41)* For G25
4-Fil (a64)
1-Rev P 1'-1½×⅞×1'-0" (p) F15

Total No Reqd	Description	Mark	Section A	B	C	D
One	Girder	G21*	1			
One	"	G21*	1			
One	"	G22*	1			
One	"	G22*	1			
One	"	G23*	1			
One	"	G23*	1			
One	"	G24*	1			
One	"	G24*	1			
One	"	G25*	1			
One	Girder	G25*	1			

For Yard Assembly Diagram See Sheet G8B
For General Notes See Sheet G8B

Work Sheets 4 To 8 Inclusive Together.
Work Sheets BAB & BBB Together As One Sheet.

Grade Separation For Missouri Pacific R.R.
Project F-47(13) El Route 4, Section 82-1-F
North Of Depo, St Clair County, Illinois

Bethlehem Steel Corporation
Designed By W.V.D.R.S.E. Checked By C.A.W.
To Change Or Revise Consult Engineer Of Bridges
Revised ____ Last Added ____
Contract 63364-1

For Information Only

FILE NAME = c:\pw_work\pwidot\tharpr1\dms71738\D876882-sht-fab-plans.dgn	USER NAME = tharpr1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/17/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STEEL SHOP DRAWINGS

SCALE: N/A | SHEET NO. OF 67 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	64-1VBR	ST. CLAIR	259	182
		CONTRACT NO. 76882		
	ILLINOIS FED. AID PROJECT			