

Authority 735017
 By AR NARA Date 4/14/06

HEADQUARTERS
 283RD ENGINEER COMBAT BATTALION
 APO 758 U.S. ARMY

19 April 1945

BILL OF MATERIAL

(5-127921)

<u>Item</u>	<u>No</u>	<u>Size</u>
<u>Steel</u>	9	12" x 5" I's x 50' 6"
<u>Timber</u>		
Hand Rail- Rail, Post & Brace	12	4" x 4" x 16'
Curd	4	8" x 8" x 16'
Decking	90	5" x 8" x 12'
Sub-Decking	100	4" x 8" x 12'
Nailers	56	3" x 8" x 15'
Abutment Sill	2	12" x 12" x 21'
Footing	22	6" x 14" x 3'
End Dam	16	5" x 8" x 10'
<u>Center Beam</u>	2	8" x 10" x 21'
Cap & Sill	6	8" x 8" x 6'
Posts	6	5" x 7" x 10'
Braces	24	5" x 7" x 2'
Coaming		
<u>Crib</u>		
Poles	6	6" x 26'
Poles	10	6" x 12'
<u>Hardware</u>		
Nails	400#	60d
Bolts w/2 washers	100	3/4" x 18"
Drift Pins	20	1/2" x 20"
<u>Paint</u>	2 (gal)	

HEADQUARTERS
 2833RD ENGINEER COMBAT BATTALION
 APO 758 U.S. ARMY

BILL OF MATERIALS

BRIDGE AT 5053719

OVER JAGST RIVER

Item	No Pcs	Linear Ft	Size
<u>Steel</u>			
Stringers		588	21½ WF I-Beams
<u>Timber</u>			
Flooring & Decking	370		3" x 8" x 15'
Curb		168	6" x 6"
Handrail:			
Posts		176'	4" x 4"
Handrail		176	4" x 4"
Braces		132	4" x 4"
Nailers		588	3" x 12"
Caps	2		12" x 12" x 22'
Cap Stringers	7		12" x 12" x 6'4"
Cap Sills	2		12" x 12" x 22'
Sills	2		8" x 11½" x 26'
Sill Stringers	7		12" x 12" x 7'4"
Bracing	4		3" x 7" x 7'8"
Bracing	4		3" x 7" x 30'
Bracing	2		3" x 7" x 6'4"
Bracing	4		3" x 7" x 7'
Posts	14		8" x 11½" x 13'
Scabbing		45	3" x 24"
Footers	12		3" x 8" x 26'
End Dam	8		3" x 10" x 22'
Abutment Sills	4		8" x 11½" x 22'
Abutment Footers	6		3" x 10" x 22'
Crib:			
Timbers	30		8"Ø x 30'
Timbers	81		8"Ø x 10'
<u>Hardware</u>			
Nails, 40d	200 lbs		
" , 60d	200 lbs		
Bolts, w/2 washers	45		5/8"Ø x 14"
" " "	160		5/8"Ø x 18"
Drift pins	125		
Cable	150 Ft		1/2" cable
Cable clamps	24		
Turnbuckles	4		
<u>Other</u>			
Paint, White	2 Gal		
Rock (To fill crib)	150 Cu Yds		

HEADQUARTERS
 2853RD ENGINEER COMBAT BATTALION
 APO 758 U.S. ARMY

Bill of Materials

Bridge at S-493445 Vic. UNTER ROT

Item	No Pieces	Size
Steel:		
Stringers	14	18 $\frac{1}{2}$ " I Beams, 32' long
Timber:		
Flooring & Decking	1375 Sq Ft	2" material
	1375 Sq Ft	4" Material
Curbing	15	5" x 7" x 10'
Handrails:		
Posts & Rails	22	4" x 4" x 12'
Braces	9	2" x 4" x 12'
Nailers	27	5" x 12" x 16'
Cap	1	10" x 10" x 22'
Sill	1	10" x 10" x 22'
Posts	7	10" x 10" x 12'
Braces	2	5" x 8" x 24'
Scabbing	5	5" x 10" x 20'
Abutment:		
Sills	6	8" x 8" x 24'
End Dams	6	5" x 12" x 24'
Footers	48	5" x 12" x 4'
Crib:		
Poles	24	8 $\frac{1}{2}$ " x 28'
Poles	48	8 $\frac{1}{2}$ " x 4'
Poles	28	8 $\frac{1}{2}$ " x 9'
Footers	27	3" x 12" x 7'
Hardware:		
Nails	200 (Lbs)	40d
Nails	200(Lbs)	60d
Bolts, w/2 washers	100	5/8 $\frac{1}{2}$ " x 16"
Drift Pins	400	
Misc:		
Material for crib fill	60 Cu Yds	
Paint, white	2 Gal	

HEADQUARTERS
 2833RD ENGINEER COMBAT BATTALION
 APO 758 U. S. ARMY

Bill of Materials

Bridge at S-463522 Vic WESTHEIM

Item	No Pieces	Size
Steel:		
Stringers	15	15-5/16" WF Beams, 52' long
	7	15-5/16" WF Beams, 38' long
Timbers:		
Flooring & Decking	2523 Sq Ft	2" material
	2523 Sq Ft	3" material
Nailers	47	3" x 12" x 16'
Curb	19	6" x 6" x 10'
Handrails:		
Posts, Rails, & Braces	55	4" x 4" x 10'
Piles	16	10" x 15'
Scabbing	13	3" x 8" x 10'
Caps	2	10" x 10" x 24'
Braces	4	3" x 8" x 26'
Abutment Sills	2	8" x 12" x 26'
End Dam	6	3" x 12" x 26'
Abutment Footers	6	3" x 12" x 26'
Crib:		
Poles	24	8" x 28'
Poles	24	8" x 6'
Poles	12	8" x 9'
Footers	52	3" x 12" x 7'
Hardware:		
Nails	100 lbs	40d
Nails	200 lbs	60d
Drift pins	150	
Bolts, w/2 washers	175	5/8" x 18"
Angle Iron	8	2" x 2" x 36'
Misc:		
Paint, white	2 gal	
Rock	104 cu yds	For filling cribs
Gravel	8 cu yds	For filling cribs

Authority **735017**
 By **AR** NARA Date **4/14/06**

 HEADQUARTERS
 2833RD ENGINEER COMBAT BATTALION
 APO 738 U.S. ARMY
Bill of Materials

30 April 1945

Work Order
WH-2Bridge at S-468906 Vic OTTENDORF

Item	No Pieces	Size
Steel:		
Stringers	18	15-5/16" WF Beams, 33' long
	18	15-5/16" WF, 33' long
Timbers:		
Flooring & Decking	7488 Sq ft	5" material
Handrails:		
Posts, rail, & braces	42	4" x 4" x 20'
Scabbing	18	3" x 10" x 10'
Curbing	20	5" x 7" x 10'
Nailers	76	3" x 12" x 16'
Caps & Cap Sills	11	6" x 10" x 25'
Posts	7	6" x 10" x 2'11"
	7	6" x 10" x 2'6"
Stringers	21	12" x 12" x 5'
Piles	30	6" x 20'
Bracing	12	3" x 8" x 26'
	6	3" x 8" x 7'
Abutments:		
Sills	2	6" x 12" x 25'
End Dam	6	3" x 12" x 25'
Footers	6	3" x 12" x 25'
Cribs:		
Poles	32	6" x 25'
Poles	50	6" x 9'
Poles	32	6" x 6'
Hardware:		
Nails	300 lbs	40d
Nails	300 lbs	60d
Bolts, 5/2 washers	300	5/8" x 16"
Drift Pins	300	
Misc:		
Paint, white	2 gal	
Rock	66 cu yds	For crib fill