41 21 Conveyors

41 21	23 -	Piece.	Material	Convey	ors
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Crew	Output	Hours	Hait	34			
		110013	Unit	Material	Labor Equipment	Total	Incl O&P
			Ea.	495		495	545
				620		620	685
				735		735	810
			4	620		620	685
2 Mill	.50	32 -	Ea.	3,825	1,950	5,775	7,000
	.40	40		5,650	2,425	8,075	9,725
	.30	53.333	-	9,350	3,225	12,575	15,000
2 Mill	.30	53.333	Ea.	7,925	3,225	11,150	13,400
"	.15	107	"	9,700	6,450	16,150	20,000
1 Milf	26	.308	L.F.	20.50	18.65	39.15	49.50
"	21	.381	"	24.50	23	47.50	60.50
			Eo.	92		92	101
				425		425	470
				930		930	1,025
	2 Mill "	.40 .30 2 Mill .30 " .15	.40 40 .30 53.333 2 Mill .30 53.333 " .15 107 1 Mill 26 .308	2 Mill .50 32 Ea. .40 40 .30 53.333 Ea. " .15 107 " 1 Mill 26 .308 L.F. " 21 .381 "	620 735 620 2 Mill .50 32 Ea. 3,825 .40 40 5,650 .30 53.333 Fa. 7,925 " .15 107 " 9,700 1 Mill 26 .308 L.F. 20.50 " 21 .381 " 24.50 Ea. 92 425	620 735 620 2 Mill .50 32 Eo. 3,825 1,950 .40 40 5,650 2,425 .30 53.333 9,350 3,225 2 Mill .30 53.333 Ea. 7,925 3,225 " .15 107 " 9,700 6,450 1 Mill 26 .308 L.F. 20.50 18.65 " 21 .381 " 24.50 23 Eo. 92 425	620 735 735 620 2 Mill .50 32 Ea. 3,825 1,950 5,775 .40 40 5,650 2,425 8,075 .30 53.333 P,350 3,225 12,575 2 Mill .30 53.333 Ea. 7,925 3,225 11,150 " .15 107 " 9,700 6,450 16,150 1 Mill 26 .308 L.F. 20.50 18.65 39.15 " 21 .381 " 24.50 23 47.50 Ea. 92 425 425

14 0	0			411	1	1
41 2	2 (Jrane	es an	αн	O IS	TS.

8.4	-	4.0			
41	22	13	-	Cran	25

41 9	22 1	3.10) Crane	Rail

D20 Box beam bridge, no equipment included E-4 3400	0 .009	Lb.	1 / /	Γ0.	0.1		
		LU.	1.64	.59	.04	2.27	2.75
1200 Running track only, 104 lb. per yard 5600	.006	"	.82	.36	.03	1.21	1.48
Running track only, 104 lb. per yard, 20' piece 160	.200	L.F.	28.50	12.45	.92	41.87	51.50

41 22 13.13 Bridge Cranes

12 13.13 Bridge Cranes									
BRIDGE CRANES									
1 girder, 20' span, 3 ton	M-3	1	34	Ea.	25,600	2,375	172	28,147	31,900
5 ton		1	34		29,100	2,375	172	31,647	35,700
7.5 ton		1	34		30,600	2,375	172	33,147	37,400
! 10 ton		.80	42.500		40,900	2,975	215	44,090	49,600
1 12.5 ton		.80	42.500		49,100	2,975	215	52,290	58,500
15 ton		.80	42.500		66,500	2,975	215	69,690	78,000
30' span, 3 ton		1	34		25,800	2,375	172	28,347	32,100
5 ton		1	34		29,400	2,375	172	31,947	36,000
7.5 ton		1	34		33,000	2,375	172	35,547	40,000
: 10 ton		.80	42.500		41,100	2,975	215	44,290	49,800
15 ton		.80	42.500		69,500	2,975	215	72,690	81,000
2 girder, 40' span, 3 ton	M-4	.50	72		23,100	4,975	510	28,585	33,400
l 5 ton	1.1	.50	72		45,900	4,975	510	51,385	58,500
7.5 ton		.50	72		50,500	4,975	510	55,985	63,500
10 ton		.40	90		43,800	6,225	640	50,665	58,000
15 ton		.40	90		73,000	6,225	640	79,865	90,000
. 25 ton		.30	120		82,500	8,300	855	91,655	103,500
50' span, 3 ton		.50	72		44,500	4,975	510	49,985	57,000
5 ton		.50	72		48,000	4,975	510	53,485	61,000
7.5 ton	M-4	.50	72	€a.	54,000	4,975	510	59,485	-67,500
10 ton		.40	90		65,500	6,225	640	72,365	82,000
15 ton	*	.40	90	45	78,000	6,225	640	84,865	95,500
	BRIDGE CRANES 1 girder, 20' span, 3 ton 5 ton 7.5 ton 10 ton 12.5 ton 15 ton 30' span, 3 ton 5 ton 7.5 ton 10 ton 15 ton 2 girder, 40' span, 3 ton 5 ton 7.5 ton 10 ton 15 ton 5 ton 7.5 ton 10 ton 15 ton 10 ton 15 ton 15 ton 15 ton 15 ton 15 ton 16 ton 17.5 ton 17.5 ton 19 ton 19 ton 19 ton 19 ton 19 ton	BRIDGE CRANES 1 girder, 20' span, 3 ton	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 5 ton 1 7.5 ton 1 10 ton .80 12.5 ton .80 15 ton 1 5 ton 1 7.5 ton 1 10 ton .80 15 ton .80 2 girder, 40' span, 3 ton .80 5 ton .50 7.5 ton .50 10 ton .40 15 ton .40 25 ton .30 50' span, 3 ton .50 5 ton .50 7.5 ton .50 1 0 ton .50 1 5 ton .50 1 0 ton .50 1 0 ton .40 15 ton .50 1 0 ton .40 15 ton .50 1 0 ton .40 15 ton .40	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 34 5 ton 1 34 7.5 ton 1 34 1 10 ton .80 42.500 1 2.5 ton .80 42.500 1 30' span, 3 ton 1 34 5 ton 1 34 7.5 ton 1 34 10 ton .80 42.500 2 girder, 40' span, 3 ton .80 42.500 2 girder, 40' span, 3 ton .80 42.500 2 girder, 40' span, 3 ton .80 42.500 1 5 ton .50 72 7.5 ton .50 72 1 0 ton .40 90 25 ton .30 120 50' span, 3 ton .50 72 5 ton .50 72 1 0 ton .40 90 15 ton .50 72 1 0 ton .40 90 15 ton .40 90 <	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 34 Ea. 5 ton 1 34 A A A A A A Balance Balance	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 34 Eo. 25,600 5 ton 1 34 29,100 7.5 ton 1 34 30,600 1 0 ton .80 42,500 40,900 1 2.5 ton .80 42,500 49,100 1 5 ton .80 42,500 66,500 30' span, 3 ton 1 34 25,800 5 ton 1 34 29,400 7.5 ton 1 34 33,000 10 ton .80 42,500 41,100 15 ton .80 42,500 69,500 2 girder, 40' span, 3 ton .80 42,500 69,500 1 5 ton .50 72 23,100 1 5 ton .50 72 50,500 1 10 ton .40 90 73,000 25 ton .30 120 82,500 50' span, 3 ton .50 72 44,500 5 ton .50	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 34 Ea. 25,600 2,375 5 ton 1 34 29,100 2,375 7.5 ton 1 34 30,600 2,375 1 10 ton .80 42,500 40,900 2,975 1 12.5 ton .80 42,500 49,100 2,975 1 5 ton .80 42,500 66,500 2,975 30' span, 3 ton 1 34 25,800 2,375 5 ton 1 34 29,400 2,375 7.5 ton 1 34 30,000 2,375 7.5 ton 1 34 30,000 2,375 1 5 ton .80 42,500 40,700 2,375 1 5 ton .80 42,500 41,100 2,975 1 5 ton .80 42,500 69,500 2,975 2 girder, 40' span, 3 ton .50 72 45,900 4,975 5 ton	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 34 Eo. 25,600 2,375 172 5 ton 1 34 29,100 2,375 172 7.5 ton 1 34 30,600 2,375 172 10 ton .80 42.500 40,900 2,975 215 1 5 ton .80 42.500 49,100 2,975 215 1 5 ton .80 42.500 66,500 2,975 215 3 30' span, 3 ton 1 34 25,800 2,375 172 7.5 ton 1 34 29,400 2,375 172 7.5 ton 1 34 33,000 2,375 172 1 5 ton .80 42.500 69,500 2,975 215 1 5 ton .80 42.500 69,500 2,975 215 1 5 ton .80 42.500 69,500 2,975 215 1 5 ton .50	BRIDGE CRANES 1 girder, 20' span, 3 ton M-3 1 34 Ea. 25,600 2,375 172 28,147 5 ton 1 34 29,100 2,375 172 31,647 7.5 ton 1 34 30,600 2,375 172 33,147 1 10 ton 80 42.500 40,900 2,975 215 44,090 1 2.5 ton 80 42.500 49,100 2,975 215 52,290 1 5 ton 80 42.500 66,500 2,975 215 69,690 3 0' span, 3 ton 1 34 25,800 2,375 172 28,347 5 ton 1 34 25,800 2,375 172 28,347 7.5 ton 1 34 33,000 2,375 172 28,347 1 ton 80 42,500 41,100 2,975 215 44,290 1 ton 80 42,500 41,100 2,975 215