



Appendix C — Materials List

<i>Item</i>	<i>Quantity</i>
Access prep 1 1/2" stone	30 c.y.
Foundation 3/4" stone	15 c.y.
Filter cloth	100 s.y.
Geogrid UX 1400	224 l.f.
Concrete, 4000 psi fiber mix	15 c.y.
#18 rebar - 14' long	2
#6 rebar - 15' long	48
#6 rebar - 11' long	36
#6 rebar - 4' long	56
#6 rebar - 90 dowel - 3' legs	40
#6 rebar - 90 dowel - 18" legs	40
6" x 6" temperature wire fabric	1 roll
Fib bituminous water proofing	5 gal.
Chance® square shaft double helical pier 10" & 12", or equivalent, with 10' shaft and eye nut	8
Chance® square shaft pisa swamp anchor sixplex helix 8"-10"-12", 14"-14"-14", 1 3/4" rod	4
1 3/4" square shaft extension rods 10'	12
1 3/4" square shaft extension rods 7'	4
1 3/4" square shaft extension rods 5'	4
Shackle assembly	4
Primary 1" galvanized EIP IWRC wire rope with 1" open spelter sockets and 1 3/4" x 24" turnbuckle at each end	2



<i>Item</i>	<i>Quantity</i>
Suspender assemblies (thimble, piggyback, flemish loop-threaded stud)	42
Cable saddles	4
1/2" galvanized steel strand high strength grade	750 l.f.
teco or equivalent single curve spike grids	80
3/4" bolts with washers & nuts, varying lengths, 18" +	60
3/8" x 8" hot dipped galvanized machine bolts platform	(6) (8) = 48
Walkway verticals	(7) (46) = 322
Walkway diagonals	(7) (44) = 308
Staircase	(8) (16) = 128
	806 + 94 = 900
3/8" x 10" hot dipped galvanized machine bolts	(3) (12) = 36
Overhead 2" x 4"	(2) (2) (21) = 84
Inclined 2" x 4'	120 + 30 = 150
1/2" x 8" hot dipped galvanized machine bolts - lower chord	(6) (2) (8) = 72 + 10 = 82
3/8" x 4" hot dipped galvanized machine bolts	(124) + 20 = 144
5/8" oval eye hot dipped galvanized eyebolt	14
8' yellow plastic guy guard	12
4" x 4" x 1/2" h.d. square washer 1 1/8" dia. hole	100
5/8" x 8" galvanized lag screw	16
3/4" x 8" galvanized lag screw	16
1/2" x 10" galvanized lag screw	50
Class I span 40' syp transmission poles	4
Class I span 20' syp transmission poles	4
All lumber to be #1 SYP CCA 40 KDAT 19% MC, unless otherwise noted.	
6" x 6" timbers - 10' long - #2 or better	20 + 5 = 25
2" x 10" bridge chords - 20' long	14 + 2 = 16



<i>Item</i>	<i>Quantity</i>
2" x 6" bridge joists - 20' long	28 + 3 = 31
2" x 6" hand rail components - 20' long	28 + 3 = 31
2" x 6" bridge decking - 10' long	130 + 14 = 144
2" x 6" platform decking - 8' long	36 + 4 = 40
2" x 10" platform joists - 18' long	16 + 2 = 18
2" x 10" platform headers - 10' long	4
2" x 12" platform joists - 18' long	4
2" x 12" stair joists - 22' long	8
4" x 6" posts - 8' long - bridge walkway	36 + 8 = 44
4" x 6" posts - 8' long - platform & stairs	12 + 2 = 14
2" x 8" top rail - 10' long	32 + 4 = 36
4" x 4" diagonals - 8' long	44 + 8 = 52
2" x 4" angle & tops - 8' long	112 + 18 = 130
Stair rails - 2" x 6" - 12' long	32 + 4 = 36
Stair rails - 2" x 8" - 12' long	8 + 2 = 10
Hand rail, with brackets	80 L.F.
3" x 10" #2 or better, MC 25 CCA 40 timber - 10' long	12 + 1 = 13
3" x 10" #2 or better, MC 25 CCA 40 timber - 12' long	4 + 1 = 5
3" x 10" #2 or better, MC 25 CCA 40 timber - 14' long	4 + 1 = 5
Simpson heavy duty joist hanger model HU 210	32 + 4 = 36
Simpson heavy duty joist hanger model HU 210-2	4
Simpson heavy duty joist hanger model HU 212-2tf	4
Simpson H1 hurricane clips	120



Pochuck Quagmire Bridge

C-4

<u>Item</u>	<u>Quantity</u>
Simpson H2.5 hurricane clips	120
Simpson 150 framing anchors	150
Simpson TA-10 staircase angle with lag screws	76 + 6 = 82
Simpson joist hanger nails N20AE6	10 boxes
2 1/2" ceramic coated bugle head square drive deck screws	50 lbs.
3" ceramic coated bugle head square drive deck screws	50 lbs.
Gilbert & Bennett 1" x 1" 16 gauge 48" x 100' gbwm product #259063 wire 400'	(4 rolls)
#8, #10, #12 hot dipped galvanized spiral shank nails	20 lbs. Each
#8, #10, #12 hot dipped galvanized ring shank nails	20 lbs. Each