

# PRESTRESS SERVICES

INDUSTRIES LLC

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## JS I-Beam (7" Web, 42" Top) Reinforcement Details

Product Code	Depth (in)	Area (in <sup>2</sup> )	Y <sub>b</sub> (in <sup>4</sup> )	I <sub>xx</sub> (in <sup>4</sup> )	I <sub>yy</sub> (in <sup>4</sup> )	Weight (plf)
4J 54 42	54	820.7	27.7	313,098	48,867	855
4J 60 42	60	862.7	30.7	409,931	49,039	899
4J 66 42	66	904.7	33.6	522,287	49,210	943
4J 72 42	72	946.7	36.6	650,922	49,382	986
4J 78 42	78	988.7	39.5	796,593	49,553	1030
4J 84 42	84	1030.7	42.5	960,057	49,725	1074
4J 90 42	90	1072.7	45.4	1,142,069	49,896	1118
4J 96 42	96	1114.7	48.4	1,343,387	50,068	1161
4J 102 42	102	1156.7	51.4	1,564,765	50,239	1205

