

# PRESTRESS SERVICES

INDUSTRIES LLC

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## JS I-Beam (8" Web, 37" 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 37     | 54         | 845.9                   | 26.9                              | 309,185                            | 42,393                             | 881          |
| 4J 60 37     | 60         | 893.9                   | 29.8                              | 406,313                            | 42,649                             | 931          |
| 4J 66 37     | 66         | 941.9                   | 32.7                              | 519,512                            | 42,905                             | 981          |
| 4J 72 37     | 72         | 989.9                   | 35.6                              | 649,649                            | 43,161                             | 1031         |
| 4J 78 37     | 78         | 1037.9                  | 38.5                              | 797,591                            | 43,417                             | 1081         |
| 4J 84 37     | 84         | 1085.9                  | 41.4                              | 964,203                            | 43,673                             | 1131         |
| 4J 90 37     | 90         | 1133.9                  | 44.3                              | 1,150,351                          | 43,929                             | 1181         |
| 4J 96 37     | 96         | 1181.9                  | 47.3                              | 1,356,900                          | 44,185                             | 1231         |
| 4J 102 37    | 102        | 1229.9                  | 50.2                              | 1,584,716                          | 44,441                             | 1281         |

