TABLE XXI.

TABLE OF FLOOR BEAMS.

CLASS C.

Panel Length.	Roadway, 12′ Clear.	Roadway, 14′ Clear.	Roadway, 16′ Clear.	Roadway, 18′ Clear.	Roadway, 20′ Clear.	Roadway, 22′ Clear.	Roadway, 24′ Clear.	Panel Length.
10′	9″ 23½# I	10″ 30# I	12″ 42# I, or Built-beam, 39½# per foot Web, ⅜″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×2½″ 3.5# angle	12″ 42# I, or Built-beam, 43½# per foot Web, ⅜″×20″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 48½# per foot Web, ½″×24″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 51# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 56# per foot Web, ½″×28″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	10′
11′	9″ 23½# I	10″ 30# I	12″ 42# I, or Built-beam, 40½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	12″ 42# I, or Built-beam, 45# per foot Web, ½″×21″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 49½# per foot Web, ½″×25″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 53# per foot Web, ½″×26″ Up. fl., 2 2″×3″ 4# angle L. fl., 2 2″×2½″ 4.5# angle	Built-beam, 57# per foot Web, ½″×29″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	11′
12′	10″ 30# I	10½″ 31½# I	12″ 42# I, or Built-beam, 41½# per foot Web, ½″×19″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 46# per foot Web, ½″×22″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 50½# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 53# per foot Web, ½″×26″ Up. fl., 2 2″×3″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 58½# per foot Web, ½″×30″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	12′
13′	10″ 30# I	12″ 42# I, or Built-beam, 38½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×2½″ 3.5# angle	12″ 42# I, or Built-beam, 41½# per foot Web, ½″×19″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 47# per foot Web, ½″×23″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 52½# per foot Web, ½″×26″ Up. fl., 2 2″×3″ 4# angle L. fl., 2 2″×2½″ 4.5# angle	Built-beam, 54½# per foot Web, ½″×28″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 60# per foot Web, ½″×30″ Up. fl., 2 2″×3″ 5# angle L. fl., 2 3″×3″ 5.9# angle	13′
14′	10″ 30# I	12″ 42# I, or Built-beam, 38½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×2½″ 3.5# angle	12″ 42# I, or Built-beam, 43½# per foot Web, ½″×20″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 48½# per foot Web, ½″×24″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 53½# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 55½# per foot Web, ½″×29″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 62# per foot Web, ½″×30″ Up. fl., 2 2½″×3″ 5.5# angle L. fl., 2 2½″×2½″ 6.5# angle	14′
15′	10″ 30# I	12″ 42# I, or Built-beam, 39½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 45# per foot Web, ½″×21″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 50½# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 54½# per foot Web, ½″×27″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 57# per foot Web, ½″×30″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 63½# per foot Web, ½″×30″ Up. fl., 2 2″×3″ 6# angle L. fl., 2 2½″×3″ 6.7# angle	15′
16′	10½″ 31½# I	12″ 42# I, or Built-beam, 41# per foot Web, ½″×19″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 46# per foot Web, ½″×22″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 51½# per foot Web, ½″×24″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 55½# per foot Web, ½″×28″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 60# per foot Web, ½″×30″ Up. fl., 2 2″×3″ 5# angle L. fl., 2 3″×3″ 5.9# angle	Built-beam, 65# per foot Web, ½″×30″ Up. fl., 2 3″×3″ 6.5# angle L. fl., 2 3″×3″ 7.2# angle	16′
17′	12″ 42# I, or Built-beam, 38½# per foot Web, ⅜″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×2½″ 3.5# angle	12″ 42# I, or Built-beam, 42½# per foot Web, ⅜″×20″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 47½# per foot Web, ½″×23″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 52½# per foot Web, ½″×25″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 57# per foot Web, ½″×29″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 62# per foot Web, ½″×30″ Up. fl., 2 2½″×3″ 5.5# angle L. fl., 2 2½″×2½″ 6.5# angle	Built-beam, 67½# per foot Web, ½″×30″ Up. fl., 2 3″×3″ 7.2# angle L. fl., 2 3″×3½″ 7.7# angle	17′
18′	12″ 42# I, or Built-beam, 38½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×2½″ 3.5# angle	15″ 50# I, or Built-beam, 42½# per foot Web, ½″×20″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 49# per foot Web, ½″×25″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 53½# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2½″×3″ 5# angle	Built-beam, 59# per foot Web, ½″×30″ Up. fl., 2 2½″×2½″ 4.9# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 63½# per foot Web, ½″×30″ Up. fl., 2 2″×3″ 6# angle L. fl., 2 2½″×3″ 6.7# angle	Built-beam, 70# per foot Web, ½″×30″ Up. fl., 2 3″×3½″ 7.7# angle L. fl., 2 3″×3″ 8.4# angle	18′
19′	12″ 42# I, or Built-beam, 39½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 44# per foot Web, ½″×21″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 50½# per foot Web, ½″×25″ Up. fl., 2 2″×3″ 4# angle L. fl., 2 2½″×3″ 4.4# angle	Built-beam, 54½# per foot Web, ½″×27″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 60# per foot Web, ½″×30″ Up. fl., 2 2″×3″ 5# angle L. fl., 2 3″×3″ 5.9# angle	Built-beam, 65½# per foot Web, ½″×30″ Up. fl., 2 3″×3″ 6.5# angle L. fl., 2 3″×3″ 7.2# angle	Built-beam, 75# per foot Web, ⅝″×34″ Up. fl., 2 2½″×2½″ 6.5# angle L. fl., 2 3″×3″ 7.2# angle	19′
20′	12″ 42# I, or Built-beam, 39½# per foot Web, ½″×18″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 45# per foot Web, ½″×22″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 51½# per foot Web, ½″×26″ Up. fl., 2 2″×3″ 4# angle L. fl., 2 2½″×3″ 4.4# angle	Built-beam, 55½# per foot Web, ½″×28″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 62# per foot Web, ½″×30″ Up. fl., 2 2½″×3″ 5.5# angle L. fl., 2 2½″×2½″ 6.5# angle	Built-beam, 67½# per foot Web, ½″×30″ Up. fl., 2 3″×3″ 7.2# angle L. fl., 2 3″×3½″ 7.7# angle	Built-beam, 76½# per foot Web, ⅝″×35″ Up. fl., 2 2½″×2½″ 6.5# angle L. fl., 2 3″×3″ 7.2# angle	20′
21′	12″ 42# I, or Built-beam, 41# per foot Web, ½″×19″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 46# per foot Web, ½″×23″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 51½# per foot Web, ½″×25″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3″ 5# angle	Built-beam, 57# per foot Web, ½″×29″ Up. fl., 2 2½″×2½″ 4.9# angle L. fl., 2 2½″×2½″ 5.4# angle	Built-beam, 63½# per foot Web, ½″×30″ Up. fl., 2 2″×3″ 6# angle L. fl., 2 2½″×3″ 6.7# angle	Built-beam, 70# per foot Web, ½″×30″ Up. fl., 2 3″×3½″ 7.7# angle L. fl., 2 3″×3″ 8.4# angle	Built-beam, 78# per foot Web, ⅝″×36″ Up. fl., 2 2″×3½″ 6.4# angle L. fl., 2 3″×3″ 7.2# angle	21′
22′	12″ 42# I, or Built-beam, 42½# per foot Web, ½″×20″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 47½# per foot Web, ½″×24″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 52½# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 58# per foot Web, ½″×30″ Up. fl., 2 2½″×2½″ 4.9# angle L. fl., 2 2½″×2½″ 5.4# angle	Built-beam, 65# per foot Web, ½″×30″ Up. fl., 2 2″×3½″ 6.4# angle L. fl., 2 3″×3″ 7.2# angle	Built-beam, 75# per foot Web, ⅝″×34″ Up. fl., 2 2½″×2½″ 6.5# angle L. fl., 2 3″×3″ 7.2# angle	Built-beam, 81# per foot Web, ⅝″×38″ Up. fl., 2 2″×3½″ 6.4# angle L. fl., 2 3″×3″ 7.2# angle	22′
23′	15″ 50# I, or Built-beam, 44# per foot Web, ½″×21″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 49# per foot Web, ½″×25″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 53½# per foot Web, ½″×27″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 60# per foot Web, ½″×30″ Up. fl., 2 2″×3¼″ 5.3# angle L. fl., 2 3″×3″ 5.9# angle	Built-beam, 66½# per foot Web, ½″×30″ Up. fl., 2 2½″×3″ 6.7# angle L. fl., 2 3″×3½″ 7.7# angle	Built-beam, 76½# per foot Web, ⅝″×35″ Up. fl., 2 2½″×2½″ 6.5# angle L. fl., 2 3″×3″ 7.2# angle	Built-beam, 82½# per foot Web, ⅝″×38″ Up. fl., 2 2½″×3″ 6.7# angle L. fl., 2 3″×3½″ 7.7# angle	23′
24′	15″ 50# I, or Built-beam, 45# per foot Web, ½″×22″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	15″ 50# I, or Built-beam, 50½# per foot Web, ½″×26″ Up. fl., 2 2″×2½″ 3.5# angle L. fl., 2 2″×3″ 4# angle	Built-beam, 55# per foot Web, ½″×28″ Up. fl., 2 2″×2½″ 4.5# angle L. fl., 2 2″×3½″ 5.3# angle	Built-beam, 61½# per foot Web, ½″×30″ Up. fl., 2 2½″×3″ 5.5# angle L. fl., 2 2″×3½″ 6.4# angle	Built-beam, 69# per foot Web, ½″×30″ Up. fl., 2 3″×3″ 7.2# angle L. fl., 2 3″×3″ 8.4# angle	Built-beam, 78# per foot Web, ⅝″×36″ Up. fl., 2 2″×3½″ 6.4# angle L. fl., 2 3″×3″ 7.2# angle	Built-beam, 85# per foot Web, ⅝″×38″ Up. fl., 2 3″×3″ 7.2# angle L. fl., 2 3″×3″ 8.4# angle	24′
Panel Length.	Roadway, 12′ Clear.	Roadway, 14′ Clear.	Roadway, 16′ Clear.	Roadway, 18′ Clear.	Roadway, 20′ Clear.	Roadway, 22′ Clear.	Roadway, 24′ Clear.	Panel Length.