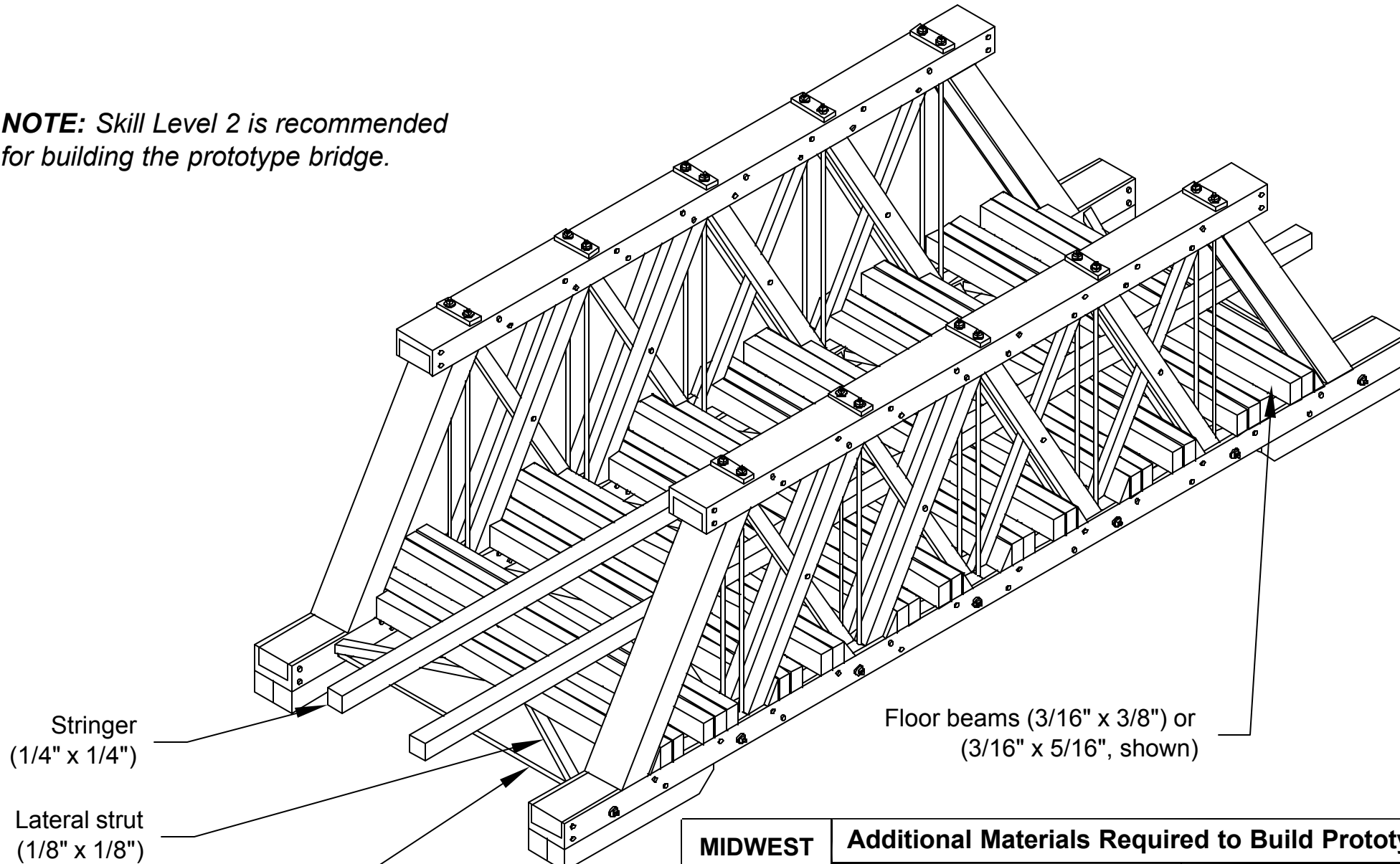


Appendix B - Prototype Bridge Construction

If you have a layout with lots of scenery, you might wish to add details to the bridge that make it even more realistic looking and authentic.

The prototypical floor beams and stringers are not practical in a Zero Clearance application; but, they sure look great if you have room for them.

NOTE: Skill Level 2 is recommended for building the prototype bridge.



Stringer
(1/4" x 1/4")

Lateral strut
(1/8" x 1/8")

Lateral tension
rod (.047 Dia.)

Corbel (5/16" x 5/16", laminated)

Floor beams (3/16" x 3/8") or
(3/16" x 5/16", shown)

| MIDWEST PT# (24" pcs.) | Additional Materials Required to Build Prototypical Truss Bridge | | | | QTY 24" pcs. |
|---------------------------|--|------------------------|-------------------|-----|--------------------|
| | DESCRIPTION | SIZE (INCHES) | SIZE (mm) | QTY | |
| N/A | LATERAL TENSION RODS | .047" Dia. x 5-1/4" | 1.2 Dia. x 133.3 | 7 | N/A |
| 4077 | CORBELS | 5/16" x 5/16" x 2-1/4" | 7.9 x 7.9 x 57.1 | 8 | 1 |
| 4058 | FLOOR BEAMS | 3/16" x 3/8" x 5-1/4" | 4.7 x 9.5 x 133.3 | 36 | 9 |
| N/A | OR ALT. SIZE FLOOR BEAMS | 3/16" x 5/16" x 5-1/4" | 4.7 x 7.9 x 133.3 | 36 | OR 9 |
| 4019 | FLOOR BEAM SPACERS | 1/32" x 1/8" x 3/16" | .8 x 3.2 x 4.7 | 48 | 1 |
| 4044 | LATERAL STRUTS | 1/8" x 1/8" x 5" | 3.2 x 3.2 x 127.0 | 12 | 3 |
| 4066 | STRINGERS | 1/4" x 1/4" x 15" | 6.4 x 6.4 x 381.0 | 2 | 2 |