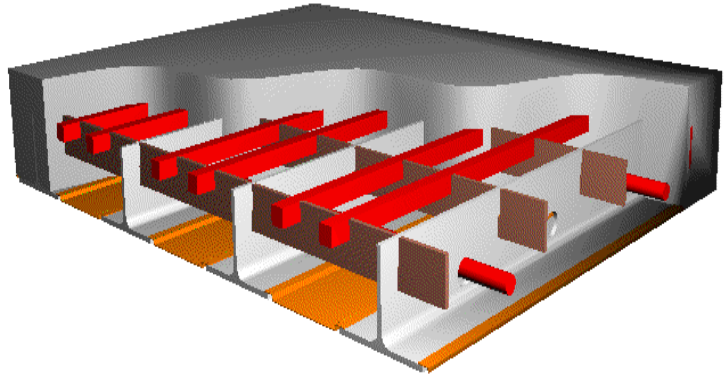


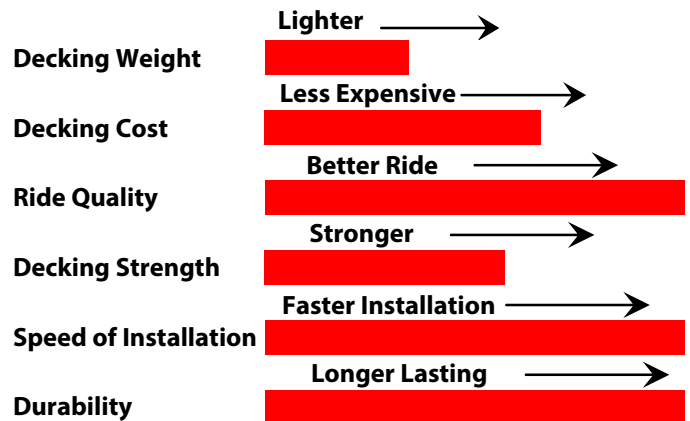
L.B. Foster's 3" TEE is an excellent choice where a low profile deck that is light weight and durable is required. This deck system also offers a key speed of installation advantage with its large panels that are fabricated off-site and can be quickly installed to minimize construction duration.



The design table below shows the grid properties including a 1-1/2" monolithic concrete overpour which is the minimum recommended. The overpour offers improved ride quality and added corrosion protection for the steel grid. The additional concrete also increases the structural properties of the composite deck section.

As with all grid reinforced concrete bridge decks, we recommend using shear studs for attaching the decking to the supporting structure for a fully composite system.

APPLICATION GUIDELINES



3" TEE HS 25 Load Table

| MAIN BAR SPACING (in.) | SECTIONAL PROPERTIES (in.3/ft.) | | | | | | MAXIMUM CONTINUOUS CLEAR SPAN (ft.) | | APPROXIMATE WEIGHT (lb./SF.) Incl. 1 1/2" Overfill | |
|---------------------------|---------------------------------|-----------------|-------------------|--------|----------|--------|--|----------|--|---------------------|
| | STEEL ONLY | | COMPOSITE SECTION | | | | TRANSVERSE | PARALLEL | STEEL ONLY | STEEL & CONCRETE |
| | TOP STEEL | BOTTOM STEEL | POSITIVE | | NEGATIVE | | | | | |
| | | | Sconc. | Ssteel | Sconc. | Ssteel | | | | |
| 8 | 2.78 | 3.24 | 47.45 | 4.78 | 40.48 | 2.81 | 5.95 | 4.75 | 16.4 | 65.9 |

NOTE: The information contained herein has been prepared in accordance with generally accepted principles. However, L.B. Foster Company is not responsible for any errors that may be contained herein. The user of the information provided herein should check the information supplied and make an independent determination as to its applicability to any particular project or application.