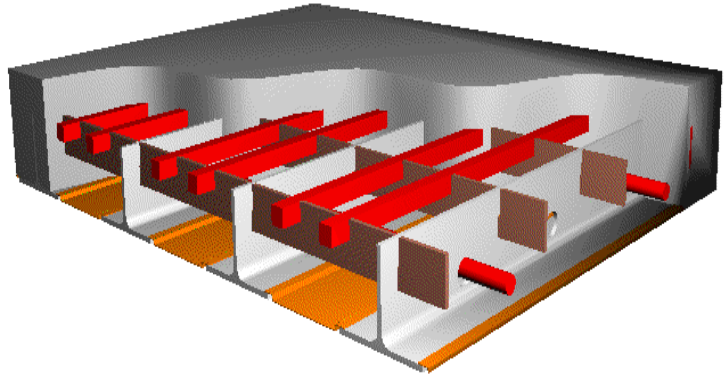


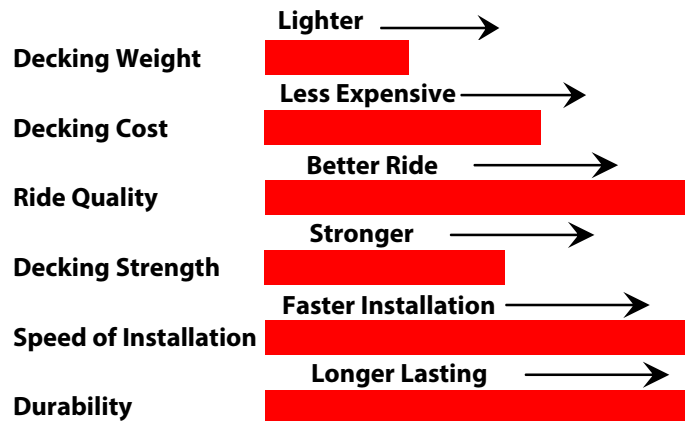
**L.B. Foster's 3" TEE** is an excellent choice where a low profile deck that is light weight and durable is required. This deck system also offers a key speed of installation advantage with its large panels that are fabricated off-site and can be quickly installed to minimize construction duration.



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.