

Bridge Overhang Bracket

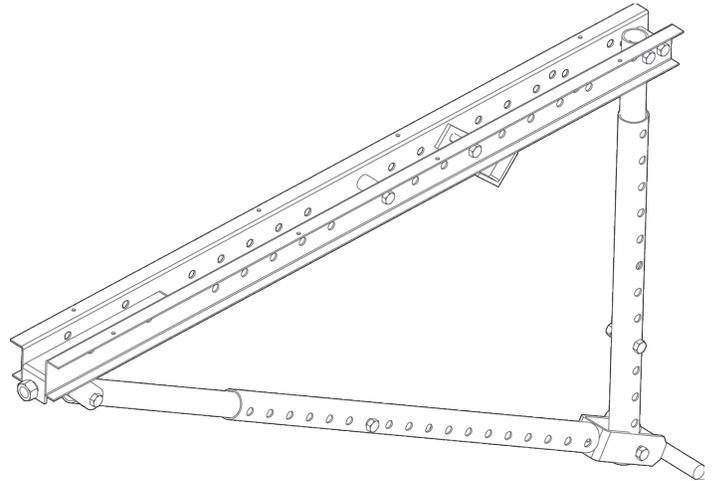
Adjustable overhang deck support for both structural steel and precast concrete beams

The size and shape of a Bridge Overhang Bracket is adjusted by changing the vertical and diagonal legs to meet the specific overhang requirements. Brackets can be preset on the ground, then moved into position, to speed forming operations.

With holes spaced at 2" increments, the legs can be adjusted so the diagonal will transfer the load from the end of the bracket to the bottom flange of the beam. An adjusting nut at the outboard end of the bracket is used for final grading.

A coil bolt attached to the exterior hanger passes through a Bolt Holder located along the bottom of the horizontal channel. The Bolt Holder is relocated for each project so the coil bolt is at a 45° angle to the top flange of the beam and bearing against the bottom side of the channel to support the bracket load.

An Extension channel for wider overhangs, Guard Rail Pocket for 2x4 lumber uprights, and Wall Plate for wall mounting, are options adding to the versatility of the Bridge Overhang Bracket.



Bridge Overhang Brackets

Part No.	Description	Channel Length	Vertical* Adjustment	Coil Rod Diameter	SWL** (lbs)
SBBOB	Bridge Overhang Bracket	54"	30" to 50"	1/2"	3,750
SBBOBD	Bridge Overhang Bracket - Deep	54"	50" to 70"	1/2"	3,750
SBBOBM	Bridge Overhang Bracket - Modified	54"	16" to 28"	1/2"	3,750
SBBOBJ	Bridge Overhang Bracket - Junior	27"	16" to 28"	1/2"	3,750

* Vertical adjustment in 2" increments.

** Safe Working Load (SWL) based on 2:1 safety factor of axial load in diagonal leg.

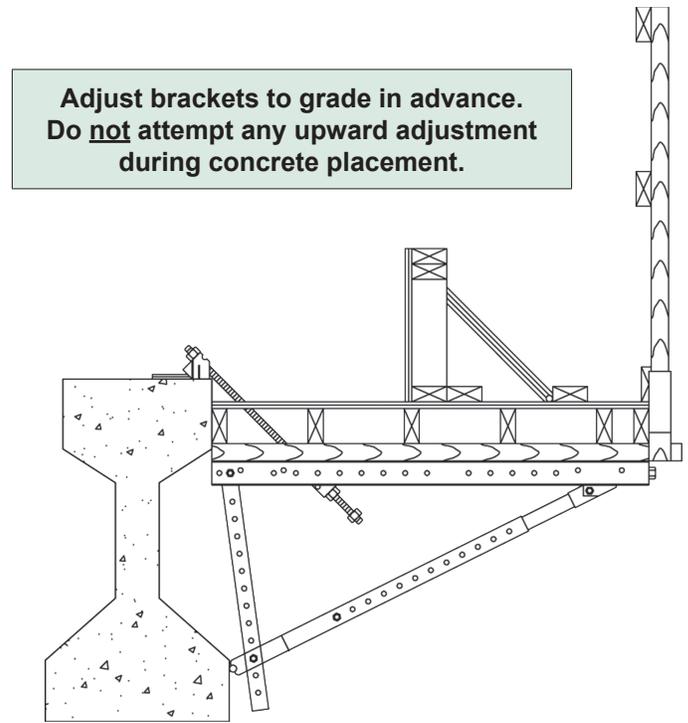
There are four different versions of the Bridge Overhang Bracket, providing the size and adjustment needed the varied bridge overhang forming requirements on both structural steel and precast concrete beams.

The Standard version is designed for the most common bridge beam conditions, with a 54" top channel and telescoping 30" to 50" adjustable vertical strut.

The Deep version is designed for deeper bridge beams, with a 54" top channel and telescoping 50" to 70" adjustable vertical strut.

The Modified version is designed for shorter bridge beams, with a 54" top channel and single 16" to 28" adjustable vertical strut.

The Junior version is designed for limited space conditions, with a 27" top channel and single 16" to 28" adjustable vertical strut.



*Bridge Overhang Bracket - Typical section
(actual conditions will vary by application)*

Bridge Overhang Bracket Accessories

Part No.	Description	Application
SBBOBCK	BOB Conversion Kit	<i>(Optional legs for "Deep" bracket configuration)</i>
SBBOBEX	BOB Extension Channel	<i>(Extends horizontal length to 71")</i>
SBBOBGRR24	BOB Guard Rail Bracket 2x4	<i>(Receptacle for 2x4 lumber post)</i>
SBBOBWPA	BOB Wall Plate Assembly	<i>(Mounting plate for concrete wall or box beam)</i>