

### Bridge Builder Prime

Bridge Builder Prime is a button that will generate bridge curves coincident to valid TDS transportation features in the active selection (road, cart track, trail, railway, railway sidetrack).

-The supporting transportation feature is updated to [RLE = Raised] and [SBB = True].

-The generated bridge is attributed with an appropriate RTY and is given the ZI026\_CTUU of the supporting transportation feature. Its remaining attributes are set to defaults for a fixed slab bridge, as shown below:


fcsubtype	BRIDGE_C	Feature Code Subtype	BRIDGE_C
bot	Fixed	Bridge Opening Type	Fixed
bsc	Slab	Bridge Structure Type	Slab
pcf	Intact	Physical Condition	Intact
rfd	FALSE	Roofed	FALSE

**Step 1:** Install Bridge Builder Prime by double-clicking the add-in file in File Explorer and choosing Install Add-In from the pop-up.

**Step 2:** Open ArcMap with relevant data and start an editing session.

If the toolbar is not visible, it can be turned on by clicking Customize > Toolbars > Bridge Builder Prime

Alternatively, just the button can be added to the current interface from Customize > Customize Mode

**Step 3:** Select transportation features that require bridges and click the button to generate them 

Note: If the bridge is not a fixed slab bridge, these attributes (BOT, BSC) will need to be manually adjusted. Additionally, the width (WID) must be measured from imagery if necessary.