

Construction Dictionary:

A basic understanding of bridge speak

Abutment:

The structure at the end of each bridge span upon which the bridge rests.

Column/Pier:

An upright support for a bridge.

Deck:

The top surface of a bridge which carries the traffic.

Footing:

The enlarged lower portion of the foundation which rests directly on the soil, bedrock, or piles; usually below the ground and not visible.

Girder:

A horizontal bridge piece supporting vertical loads by resisting bending. A girder is a large beam made of steel or concrete.

Parapet:

A low wall along the outside edge of a bridge deck used to protect vehicles and pedestrians.

Rebar:

A steel rod with ridges used to reinforce concrete.



DECKING FORMS



REBAR & COLUMN



GIRDER



WHAT KINDS OF BRIDGES ARE LOCATED THROUGHOUT THE ZOO INTERCHANGE PROJECT?

THE BRIDGES THROUGHOUT THE ZOO INTERCHANGE PROJECT ARE COMPRISED OF 3 DIFFERENT BASIC TYPES, SHOWN BELOW.

56 CONCRETE GIRDER BRIDGES



8 TUB GIRDER BRIDGES



9 STEEL GIRDER BRIDGES



LEARN MORE ABOUT TUB GIRDERS HERE →

EXAMPLE OF A TYPICAL STEEL TUB GIRDER

