

File Name: P:\C3D\15-411\Bridges\Drawings\Proposed Advng Plot Date: 6/8/2015 Plotted By: Meffat, Andrew J.



DATE	REVISION



1625 N. Post Road
 Indianapolis, IN 46219
 Phone 317-895-2585
 Fax 317-895-2596
 www.ucindy.com

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: -	DRAWN: AJM	
CHECKED: -	CHECKED: JNR	

OPTIONS 1 / 2 ALIGNMENT
 CITY OF COLUMBUS
 STATE STREET
 MULTI-USE TRAIL

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	1 of 1
	PROJECT

OPTIONS 1 / 2 ALIGNMENT



File Name: P:\C3D\15-41\1\Bridges\Drawings\Proposed B.dwg Plot Date: 6/8/2015 Plotted By: Morfitt, Andrew J.



DATE	REVISION



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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: -	DRAWN: AJM	
CHECKED: -	CHECKED: JNR	

OPTION 3 ALIGNMENT
CITY OF COLUMBUS
STATE STREET
MULTI-USE TRAIL

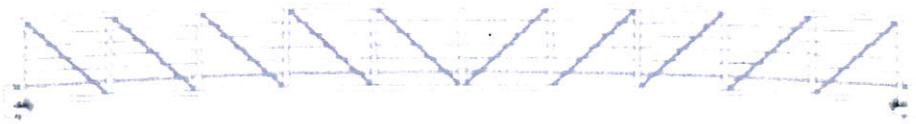
HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	1 of 1
	PROJECT

OPTION 3 ALIGNMENT



Connector® Truss

The Connector is one of the most familiar truss designs for both pedestrian and vehicular bridges. The standard Connector designs reach over a 200-foot clear span range for pedestrian and a 150-foot clear span range for vehicular. The Connector style truss features a parallel top and bottom chord and is available in both flat designs or cambered up to 1% of the span length.



Connector® Pedestrian Truss



Connector® Vehicular Truss

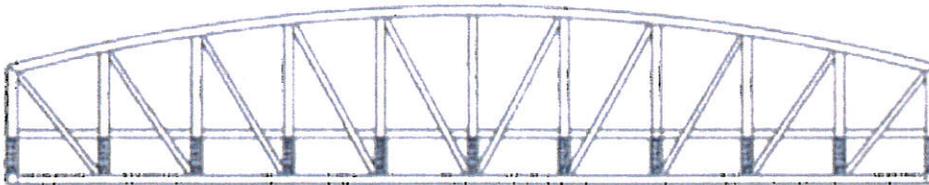


Capstone® Truss

The Capstone truss is designed for projects requiring a long span bridge with limited approach depth. The truss height of Capstone varies to allow a low-abutment backwall for improved hydraulic efficiency. Capstone is an ideal solution for longer spans of up to 150 feet for vehicular and 250 feet for pedestrian.



Capstone® Pedestrian Truss



Capstone® Vehicular Truss



Gateway® Truss

The Gateway style is a popular truss design for pedestrian bridges. It utilizes the stability of the box girder for longer spans up to 240 feet. This design is particularly useful in highway and railroad overpasses. In the custom design phase, all variables are considered, including unusual alignments, grade differences, switchbacks and cantilevers, as well as special architectural treatments, glazing requirements, pre-wired electrical systems and custom paint finishes. This Gateway style of pedestrian bridge has often been used for building walkways and other overpass bridges, and can be custom designed to match any architectural requirement and provide superior aesthetic appeal.

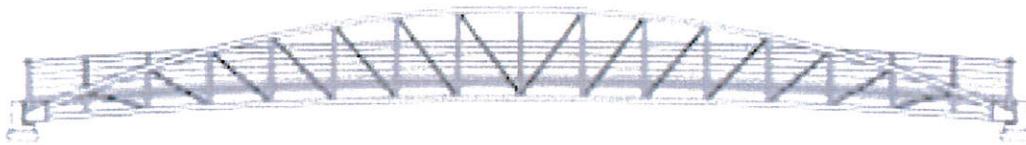


Gateway® Pedestrian Truss

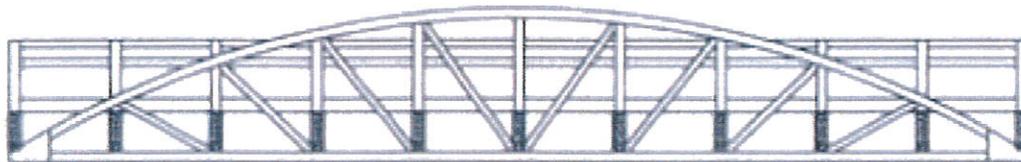


Keystone® Truss

The parabolic curve is one of the most efficient structural designs known in bridge engineering. It is also one of the most timeless. The classic appearance of the Keystone truss bridge is frequently used in residential and commercial settings where aesthetics dictate the bridge style. With clear spans up to 150 feet for vehicular and 250 feet for pedestrian, the Keystone style is one of our most popular designs. The depth at the center is usually 10% of the clear span. With longer spans, the center depth may be reduced to 7% of the span.



Keystone® Pedestrian Truss

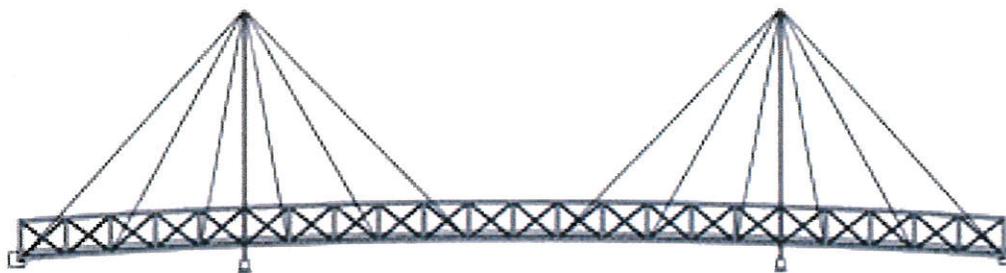


Keystone® Vehicular Truss



Cable-Stayed Pedestrian Truss

Towering architectural distinction is also cost-effective with the Cable-Stayed truss. Engineered for bridge lengths from 200 to 400 feet, Continental offers many tower variations for unique architectural statements; tower heights are approximately one-fourth of the main span length. The most economical end spans are approximately one-half the length of the main span. The bridge truss itself is very lightweight, and, as installed, appears to be floating.



Cable-Stayed Pedestrian Truss

