

# SITE ACCESS SOLUTIONS TEMPORARY & PERMANENT BRIDGES



## TEMPORARY & PERMANENT BRIDGES

# QUICKLY AND EASILY GAIN ACCESS TO YOUR JOB SITE

Mustang Extreme's engineer-rated, prefabricated temporary bridges are designed to safely support heavy-duty vehicles and equipment over stream beds, waterways, and channel crossings, helping you quickly reach hard-to-access job sites in just a few hours. In addition to providing reliable job site access, our prefabricated bridges can be used to improve load ratings of existing bridges.

## HINGED BRIDGES

SPANS UP TO 42'



- Engineer-rated to 45-tons
- Minimizes stream bed disturbance
- Installs in about an hour with standard excavating equipment or a crane
- Hinged lengthwise and folds in half for legal transport on a single flatbed truck
- Available in 30', 35', 40' and 50' standard lengths, custom lengths also available

## HYBRID BRIDGES

SPANS UP TO 62'



- Engineer-rated to 94-tons
- Modular bridges bolt together on site in a matter of hours
- Suitable for permanent installs
- Sections are delivered on two flatbed trucks, or stacked on one truck, depending on size and weight
- Easy to dismantled for minimal roadway disruptions

## CUSTOM, FAST-DEPLOY SKIDDER BRIDGES

SPANS UP TO 17'



- Designed as two smaller sections with towbars for easy handling and install, using on-site equipment vs. cranes
- Steel frames and additional reinforcing to withstand the rigors of multiple uses
- Engineer-rated capacity: HS25 (45-ton/5-axle tractor trailer)
- Preinstalled timber decking
- Optional preinstalled guardrails
- Custom bridge sizes and widths available for your unique specifications

## LONG-SPAN BRIDGES

SPANS UP TO 95'



- Engineer-rated to 94 tons
- HL93 loading capacity with no speed restrictions
- Available in 90' to 100' lengths
- Delivers in 6 sections which are bolt-spliced on site
- Installs in 2-3 days with 4 workers and equipment operators

## STEEL PANEL BRIDGES

SPANS UP TO 60'



- Engineer-rated up to 80 tons
- Solid steel I-beam construction
- Modular design of separate 4' wide sections for easy installation in one day in remote and hard to access job sites
- Designed with 4 chain rigging points on each panel for easy offloading and placement
- Custom dimensions and railing add-ons available

# CUSTOM PERMANENT BRIDGES

SPANS UP TO 92'



- Custom built to any width and lengths up to 100'
- Custom options available for railings, paint color and finishes
- Installs in 1-3 days depending on the length

## PRODUCT SPECIFICATIONS

BRIDGE TYPE	BRIDGE SIZE	LOAD RATING	UNIT WEIGHT	CLEAR SPAN/OPEN CROSSING DISTANCE	TRANSPORTATION
Hinged Bridge	12.5' Wide x 30' Long	45 Tons	17,000 lbs/section	22'	Single Load Transport
Hinged Bridge	12.5' Wide x 35' Long	45 Tons	22,000 lbs/section	27'	Single Load Transport
Hinged Bridge	12.5' Wide x 40' Long	45 Tons	27,000 lbs/section	32'	Single Load Transport
Hinged Bridge	12.5' Wide x 45' Long	45 Tons	30,000 lbs/section	37'	Single Load Transport
Hinged Bridge	12.5' Wide x 50' Long	45 Tons	37,000 lbs/section	42'	Single Load Transport
Hybrid Bridge	15.33' Wide x 30' Long	94 Tons	14,000 lbs/section	22'	Single Load Transport
Hybrid Bridge	15.33' Wide x 40' Long	94 Tons	20,000 lbs/section	32'	Single Load Transport
Hybrid Bridge	14' Wide x 45' Long	94 Tons	20,000 lbs/section	37'	Single Load Transport
Hybrid Bridge	14' Wide x 50' Long	94 Tons	23,000 lbs/section	42'	Single Load Transport
Hybrid Bridge	15.33' Wide x 55' Long	94 Tons	31,000 lbs/section	47'	Two Standard Loads
Hybrid Bridge	14' Wide x 60' Long	94 Tons	37,000 lbs/section	52'	Two Overlength Loads
Hybrid Bridge	14' Wide x 70' Long	94 Tons	38,000 lbs/section	62'	Two Overlength Loads
Skidder Bridge	14' Wide x 25' Long	45 Tons	9,000 lbs/section	17'	Single Load Transport

# PRODUCT SPECIFICATIONS

BRIDGE TYPE	BRIDGE SIZE	LOAD RATING	UNIT WEIGHT	CLEAR SPAN/OPEN CROSSING DISTANCE	TRANSPORTATION
Steel Panel Bridge	12' Wide x 20' Long	50 Tons	2,700 lbs per 4' panel	10'	Single Load Transport
Steel Panel Bridge	12' Wide x 30' Long	50 Tons	4,500 lbs per 4' panel	20'	Single Load Transport
Steel Panel Bridge	12' Wide x 40' Long	50 Tons	7,100 lbs per 4' panel	30'	Single Load Transport
Steel Panel Bridge	12' Wide x 50' Long	75k lbs max per vehicle	8,900 lbs per 4' panel	40'	Single Load Transport
Steel Panel Bridge	12' Wide x 50' Long	50 Tons	8,900 lbs per 4' panel	40'	Single Load Transport
Steel Panel Bridge	12' Wide x 60' Long	41 Tons/5 axle, 55k lbs max per vehicle	11,000 lbs per 4' panel	50'	Single Load Transport
Steel Panel Bridge	16' Wide x 30' Long	80 Tons	12,064 lbs per 4' panel	20'	Single Load Transport
Steel Panel Bridge	16' Wide x 40' Long	80 Tons	12,064 lbs per 4' panel	30'	Two Legal Loads or 1 Overweight
Steel Panel Bridge	16' Wide x 50' Long	80 Tons	14,833 lbs per 4' panel	40'	Two Legal Loads or 1 Overweight
Steel Panel Bridge	16' Wide x 60' Long	80 Tons	17,600 lbs per 4' panel	50'	Two Overlength Loads
Steel Panel Bridge	16' Wide x 70' Long	80 Tons	22,000 lbs per 4' panel	60'	Two Overlength Loads
Long Span Bridge	15' 8" Wide x 80' Long	94 Tons	29,000 lbs/section	64' to 76' *	Three Legal Load Transport
Long Span Bridge	15' 8" Wide x 90' Long	94 Tons	36,000 lbs/section	70' to 86' *	Four Legal Load Transport
Long Span Bridge	16' Wide x 100' Long	94 Tons	45,000 lbs/section	84' to 96' *	Four Legal Load Transport
Permanent Bridges	Custom Widths and Lengths up to 100'	Variable Based on Size of Bridge			

\* Concrete abutments require as little as 2' of contact with the bridge on each end; other methods require 8' of contact on each end.

# MUSTANG EXTREME BRIDGES ARE SUITABLE FOR A RANGE OF APPLICATIONS ACROSS ALL INDUSTRIES



## SUBSTATION CONSTRUCTION - ASHVILLE, OHIO

- 45' Hybrid Temporary Bridge, 94-ton load rating
- Unloaded and installed via 110-ton crane in under 2 hours
- Bridge will be onsite for 1.5 years, so customer used concrete footers



## SOLAR FARM CONSTRUCTION - LOUISVILLE, KENTUCKY

- Mustang's solar EPC customer needed to cross a regulated waterway while avoiding a lengthy permitting process
- The Mustang team fabricated and deployed an engineer-rated 12' x 30' Steel Panel Bridge within 10 days - unload and installation took less than a day
- The customer transported the bridge through backwoods via Morooka then installed using onsite materials (crane mats/stone rip rap) for ramps and abutments



## DISASTER RECOVERY - KAUI, HAWAII

- Six 30-40' bridges were mobilized, via flatbed trucks to port then cargo vessels to the island for disaster clean up relief efforts
- A combination of Hinged (45-ton) bridges and Hybrid (94-ton) bridges were installed adjacent. This allowed for uninterrupted 2-way traffic and 100+ truck passes per day



## TRANSMISSION LINE ACCESS - CINCINNATI, SPANNING OHIO AND KENTUCKY

- A 40' Steel Panel Bridge was installed over an existing county bridge to improve the load rating from 15 to 50 tons
- Crane mats were installed for abutment and ramp support
- Rip rap and smaller stone were then graded and feathered down for gradual on/off ramps



## CIVIL CONSTRUCTION - AURORA, ILLINOIS

- A private business owner utilized a Mustang 40' bridge over federally restricted waterways going through their cargo loading yard
- Mustang designed a bridge to avoid any permit requirements onsite and fit within the existing degraded bridge footprint, saving over a year of permitting delays
- Mustang delivered the bridge on a winch truck and the customer pulled bridge sections across to avoid low overhead powerlines