Acrow’s Use of New High Strength Steel Increases the Strength to Weight Ratio
AISC and ISO9000 Quality Certified

FEATURES & BENEFITS
- Rapid Construction
- No Cutting or Welding
- Minimal Machinery & Manpower
- Made in USA of New High Strength Steel
- Ideal for Permanent & Emergency Construction
- 100% Reusable
- Minimal Tools
- Cost Effective & Safe
- Durable, Long-Lasting
- Galvanized
BRIDGE COMPONENTS

- Transoms
- Truss Panels
- Orthotropic Steel Deck

ORTHOTROPIC STEEL DECKS

Deck Dimensions are 6' x 10'
Rated to HL-93 in either direction

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Deck Dimensions are 6' x 10'
Rated to HL-93 in either direction
EMERGENCY BRIDGING

ERIE BARGE CANAL
Mindenville, NY
147’ Single Lane Cambered to compensate for pin hole sag

EMERGENCY CONTACT www.acrowusa.com

YOSEMITE NATIONAL PARK
Ferguson Rock Slide
160’ Clear Span

EMERGENCY CONTACT www.acrowusa.com

YOSEMITE NATIONAL PARK
Downstream Bridge
EMERGENCY CONTACT www.acrowusa.com
TEMPORARY CONSTRUCTION

I-81 Pennsylvania Mainline Interstate HL-03

TEMPORARY CONSTRUCTION

John Baptiste Memorial Bridge Hawaii
25 year Design Life
Use of Existing Piers

TEMPORARY CONSTRUCTION

New Jersey Turnpike Widening Project By-Pass Bridge Re-use
Monmouth County, New Jersey

Quincy, MA
210 FL (64 M)
Acrow Span
Twin Lift
Bridges
with 580 M of
Acrow approaches
MOVABLE BRIDGES

St. Augustine, FL
Bridge of Lions
Temporary Lift Bridge
170' Two Lanes with Sidewalk

MOVABLE BRIDGES

Martha's Vineyard, MA
60' Bascule Bridge
with two Acrow Approach spans:
1 x 140'
1 x 120'

INTERSTATE
MAINLINE BRIDGES
Abutment and Pier Options

ABUTMENTS

Spread Footer Without Back wall

ABUTMENTS

Spread Footer With Back wall
Abutments

- Spread Footer
- With Gabion Abutment
- Composite Abutment and Back Wall
- H-Pile Support
- Continuous Span With Distribution Beam

Pile supports
Pile supports

I – 10
Pensacola, FL
Combination of existing Bents And New Pipe Pile Bents

Acrow Towers

I – 81
Rockaway, NJ
Four Panel Towers utilized to support 3 lane bridge
Pier is skewed to accommodate site conditions

OTHER APPLICATIONS
OTHER APPLICATIONS

Temple University – Roof Lift
Acrow Towers and Spans with hydraulic jacking devices

OTHER APPLICATIONS

JFK International Airport, New York City
Acrow Trusses Support
Concrete Form

OTHER APPLICATIONS

Emergency Acrow Superprops support existing highway
OTHER APPLICATIONS

Emergency Acrow Superprops support existing railroad tracks

Newark, NJ

OTHER APPLICATIONS

Emergency Acrow Superprops support existing railroad tracks

Camden, NJ

OTHER APPLICATIONS

Acrow Superprop adjustable head
Transition from a Acrow TL4 system to approach road Thrie Beam system. 4 Year Installation.

I-80
Denville, NJ
Double-nested Thrie Beam.

Standard Side Walk is 5 foot wide and can be cantilevered off of one side or both sides.
SIDE WALKS

Standard Side Walk is 5 foot wide and can be cantilevered off of one side or both sides.

SIDE WALKS

Side Walk brackets can also be utilized as utility supports.
Crane Pick
Long Island Expressway, NY

Crane Assisted Launch

Brige Installation
BRIDGE INSTALLATION

Conventional Launch
Install Remaining Decking
Install Back Wall