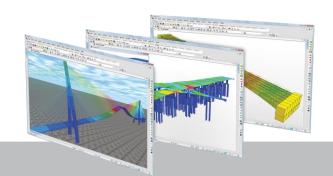
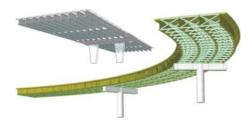


Product Overview





https://www.midasoft.com/bridge/civil/products/midascivil

For more than last two decades, MIDAS Engineering Solutions have been used

in designing prominent landmark structures around the world

Civil Engineering Field

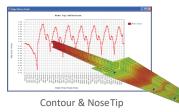
Application Areas

- Cable stayed bridge & Extra-dosed bridge
- Staged segmental post-tensioned bridge
- Curved steel plate and composite girder bridge
- Conventional bridge (Skewed slab, Frame & Culvert)
- Suspension bridge

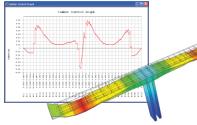
- Integral bridge
- Subway Structure
- Tunnel structure
- Sewage treatment plant
- Heat of hydration for mass concrete
- AASHTO/CHBDC CSA code checking

Advanced Technology

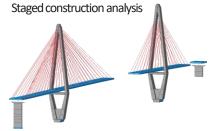
Staged segmental post-tensioned



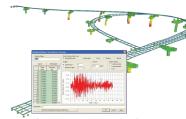
Deflection Graph



Camber Control and Graph



Dynamic nonlinear analysis



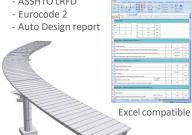
Nonlinear Time History Analysis

3D tendons & tension loss

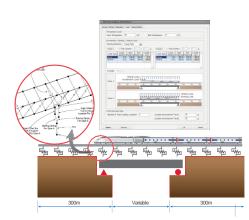


Presstressed girder design

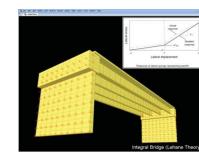
- ASSHTO LRFD - Eurocode 2



Rail Structure Interaction

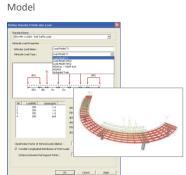


Integral Bridge with Soil-Structure Interaction

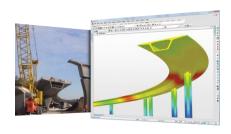


Moving Load Optimiser

- AASHTO LRFD & LRFR
- Eurocode1
- CAN/CSA-S6
- -BD37/01
- Russia - Transverse Analysis

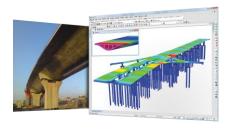


SegmentalBridges



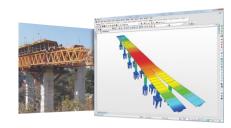
Lee Roy Selmon Flyovers (U.S.A.)

Balanced Cantilever Bridge with Approx. 90 Degrees in Curvature



Basarab viaduct (Romania)

Unique-shape PSC Box Girder Bridge



Tarango Bridge (Mexico)

Bridge Awards of Excellence (ASBI)

Cable & Suspension Bridges



Pearl Harbor Memorial Bridge (USA)

Cable Bridge



Three Sisters Bridge (USA)

Suspension Bridge Bridge

Youngjong Bridge (Korea)

The World's 1st 3DSelf-anchored Suspension Bridge



New Wear Bridge (United Kingdom)

An Award Winning Bridge in the UK

Steel/PSCBridges



Missouri River Bridge (USA)

Steel and PSC Composite Bridge



South Road Bridge (USA)

Steel Composite Bridge