Infrastructure that enhances safety

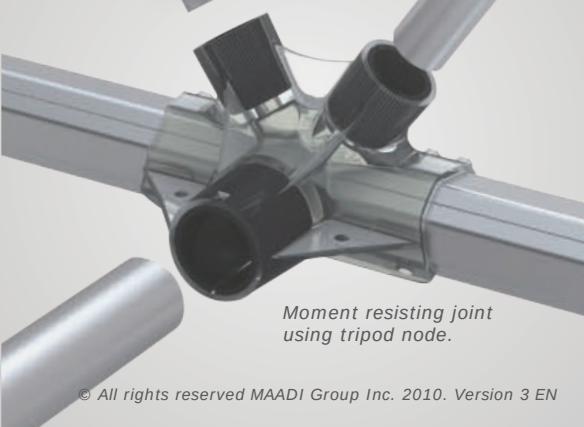
Aluminum Make-A-Bridge® is infrastructure that enhances bridge functionality while adding to overall sustainability objectives. The weld-free Make-A-Bridge® modular footbridge system is cantilevered directly to the existing bridge's support piles. Lightweight and structurally strong to withstand heavy use, our patented aluminum walkways attach in spans of up to 30 meters (100 feet), corresponding to steel supports on existing bridges. The Make-A-Bridge® walkway is fixed in position to these supports along one end, while its other side is free to allow for thermal expansion.

Make-A-Bridge® components are engineered to maximize load-bearing capacity with minimal structural weight, and does not reduce bridge payload by handling pedestrian and bike traffic. High-strength extruded aluminum members interlock into cast aluminum structural tripod nodes end-to-end, connecting side-to-side to form continuous truss sections across the entire bridge span. Trusses, bracing members and decking units are corrosion resistant, and are available in finishes that harmonize with bridge architecture.

Traffic bridges undergoing renovations benefit from Make-A-Bridge® with improved safety and traffic flow for drivers. Make-A-Bridge® lets pedestrians and bicyclists cross bridges safely on a secure and dedicated pathway that is specifically designed to accommodate their needs, since traditional bridge roadways are often too narrow to accommodate foot and bike traffic. Practical options of non-slip decking, plexiglass or tempered glass side panels, built-in LED lighting, and anodized or baked paint finishes make our cantilevered footbridge virtually maintenance free to last for decades.

- Single spans from 3 to 30 meters (10 to 100 feet);
- Withstands extreme climate conditions;
- Each element has maximum weight of 35kg (70 pounds);
- High-strength alloy construction using 6005A, 6061, 6082, AA356, AA357;
- Destructive testing conducted at Ecole de technologie superieure, Montreal, Quebec, and University of Waterloo, Waterloo, Ontario, to verify the structure's ductility;
- Strength UTS of 260-290 MPa;
- Options enhance functionality, safety and aesthetics;
- Footbridge dead load structural weight of 0.5 kPa (10 psf).
- Aluminum members are fully recyclable

For more information,
Visit www.makeabridge.com



Moment resisting joint using tripod node.

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