



LowSpan  
P.O. Box 312  
Escanaba, MI 49829  
(906)789-0218  
[www.lowspan.com](http://www.lowspan.com)



Prestressed 3-Sided Culverts & Bridges



## Introducing LowSpan!

LowSpan is a prestressed top slab, reinforced pre-cast 3-sided culvert, bridge, or tunnel.

LowSpan provides longer clear spans due to its prestressed top slab. Prestressing provides longer span lengths with shallower rise heights creating maximum hydraulic efficiency. With conventional reinforcing alone, other 3-sided structures require thicker top slabs and/or geometry that can prohibit their use in long span and/or low height, site specific applications.

Three-sided structures provide a natural stream bottom which offers the benefit of hydraulic efficiency and no interference with the aquatic organisms and fisheries during and after construction. Further, 3-sided structures eliminate bridge deck maintenance and may reduce bridge icing concerns as well.



## LowSpan Advantages

- Longer span lengths (45' – 60')
- Shorter or taller rise heights
- Maximum end area due to optimum span to rise configuration
- More aesthetic appeal due to slender sections
- Weight reduction assists in shipping as well as handling at jobsite
- Ability to address restrictive high chord & low chord elevations of a bridge



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