

BRINGING OVER 100 YEARS OF UTILITY EXPERIENCE TO TELECOM

SUSTAINABLE INFRASTRUCTURE DELIVERED TO YOUR SPECS

Bell
STRUCTURAL
SOLUTIONS

ENGINEERED WOOD IS IDEAL FOR MULTI-TENANT AND SMALL CELL TOWERS



Long Lifespan

Both maintained wood poles and engineered wood structures have an expected lifespan of 65+ years. No rust, scaling or corrosion.



Heights

Un guyed engineered wood structures from 35 to 165 feet. Ideal for multi-tenant and small cell structures.



Climate Positive and Renewable

Renewable and sustainable wood structures are carbon negative. Made and shipped in the USA.



Customization

With unlimited design flexibility, structures are engineered to your specifications, including the option of manufacturing in sections for easy delivery, installation and often lower costs. Structures can also be easily modified in the field.



Unique Attributes

Can handle virtually any load. Safer near power lines. Naturally reduces antenna fatigue. Can be climbed with hooks. Concrete is not required for installation.



Inventory and On-site Delivery

Engineered glulam structures are available in 8-10 weeks. Bell maintains round wood pole inventory for immediate shipment, even during unplanned events. We manage all logistics and delivery by rail or truck, conventional or self-unloader.



Fire Protection

For remote areas, fire protection can be added to structures.



Forest Management

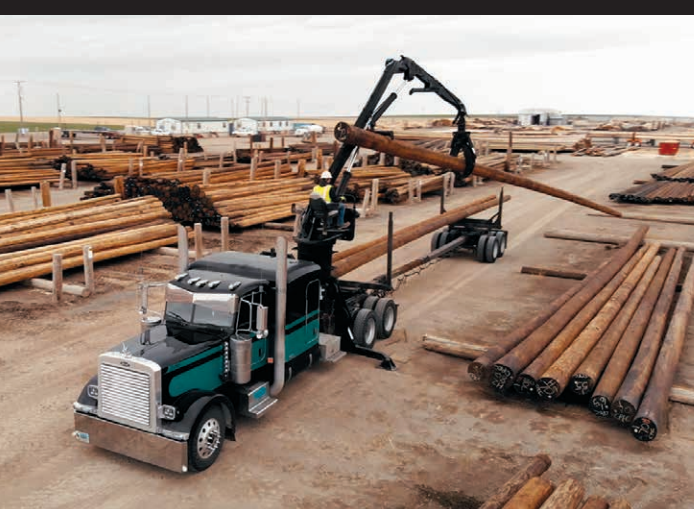
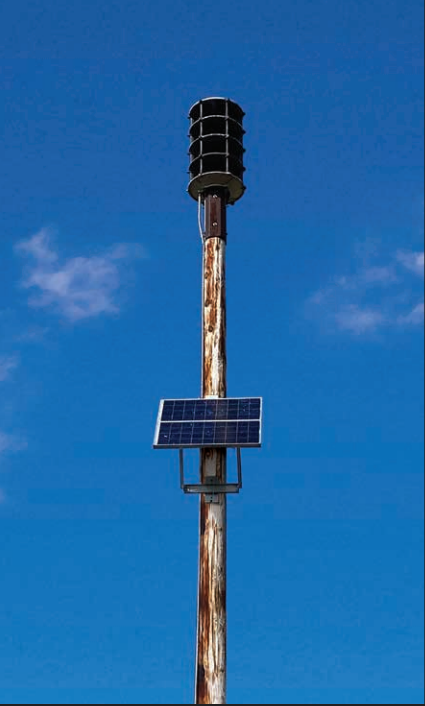
Bell is committed to management of forests for long-term sustainability and positive environmental impact.



Bell Guarantee

Your satisfaction is guaranteed and backed by 110 years of Bell integrity.





TAKING CARE OF INFRASTRUCTURE CUSTOMERS AND THE ENVIRONMENT SINCE 1909

Family-owned Bell Structural Solutions is the sustainable wood infrastructure expert. Now in our fifth generation, our commitment to excellence, continuous improvement, and delivering customized wood products and services that anticipate your needs is our passion.

From engineered wood structures to wood poles, Bell has the capabilities to custom design towers to your specifications and ensure timely delivery via truck or rail.



LEARN MORE & GET A QUOTE
[BELLSTRUCTURAL.COM/TELECOM](https://bellstructural.com/telecom)

DISCOVER
THE ADVANTAGES OF
WOOD



[BELLSTRUCTURAL.COM/TELECOM](https://bellstructural.com/telecom)

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ENGINEERED WOOD UTILITY STRUCTURES

A lifetime value

Bell Structural Solutions offers engineered wood structures to meet all of your utility needs. Partnering with Laminated Wood Systems, our laminated wood structures have the strength and dimensional uniformity of other engineered materials, but with the in-field versatility and unmatched environmental benefits of wood. You get the best of both worlds.

Engineered wood poles have a 60+ year life expectancy which is comparable to the longevity of other engineered structures. A properly maintained wood pole can last as long as 96 years.

Capabilities

- Transmission structures
- Distribution structures
- Tangent structures
- Joint-use structures
- Telecom/communications
- Unguyed angles
- Unguyed dead ends
- Guyed angle structures
- Switch structures
- Substation structures



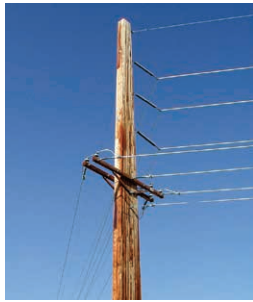
Benefits of Engineered Wood

-  Engineered product (custom design self-support)
-  Carbon positive
-  Manufactured from renewable/sustainable wood resource
-  60+ year service life
<http://power-sales.com/self-supporting-structures>
-  Manufactured to handle virtually any load and in any length
-  Only engineered pole which can be climbed with hooks and drilled with standard tools
-  Easily modified in the field
-  Can be made as multi-piece poles for storage, transportation, and installation purposes
-  Lead time (8-10 weeks from drawing approval)

Structural applications



Transmission structures



Distribution structures



Tangent structures



Joint-use structures



Telecom/communications



Unguyed angles



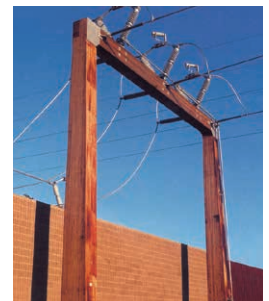
Unguyed dead ends



Guyed angle structures



Switch structures



Substation structures

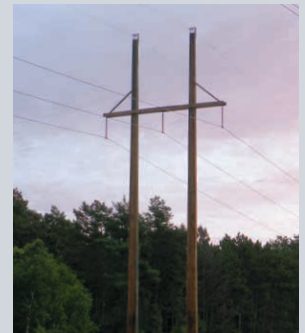
Manufactured with excellent lead times

We manufacture our laminated wood structures with high-grade, kiln-dried lumber from managed growth forests. Utilizing Southern Yellow Pine or Coastal Douglas Fir, laminated pole structures are designed and treated to the national governing standards. Laminated wood structures have uniform strength and are an excellent alternative to other engineered materials.



A renewable and sustainable engineered option

While other engineered materials contribute to CO₂ emissions, wood is a carbon positive material and a truly renewable resource. Growth of trees exceeds harvest by 49% on our commercial timberlands and the forest land base is stable. Every tree harvested is replaced.



Built on 110 years of wood expertise, we provide excellent products, aesthetics, value and services...all customized for your needs and available even in unplanned events.

Contact us to discuss your project
651-203-2704 | INSIDE_SALES@BLPOLE.COM