

# Engineered Laminated Wood **Switch Structures**

*THROUGH 161kV*

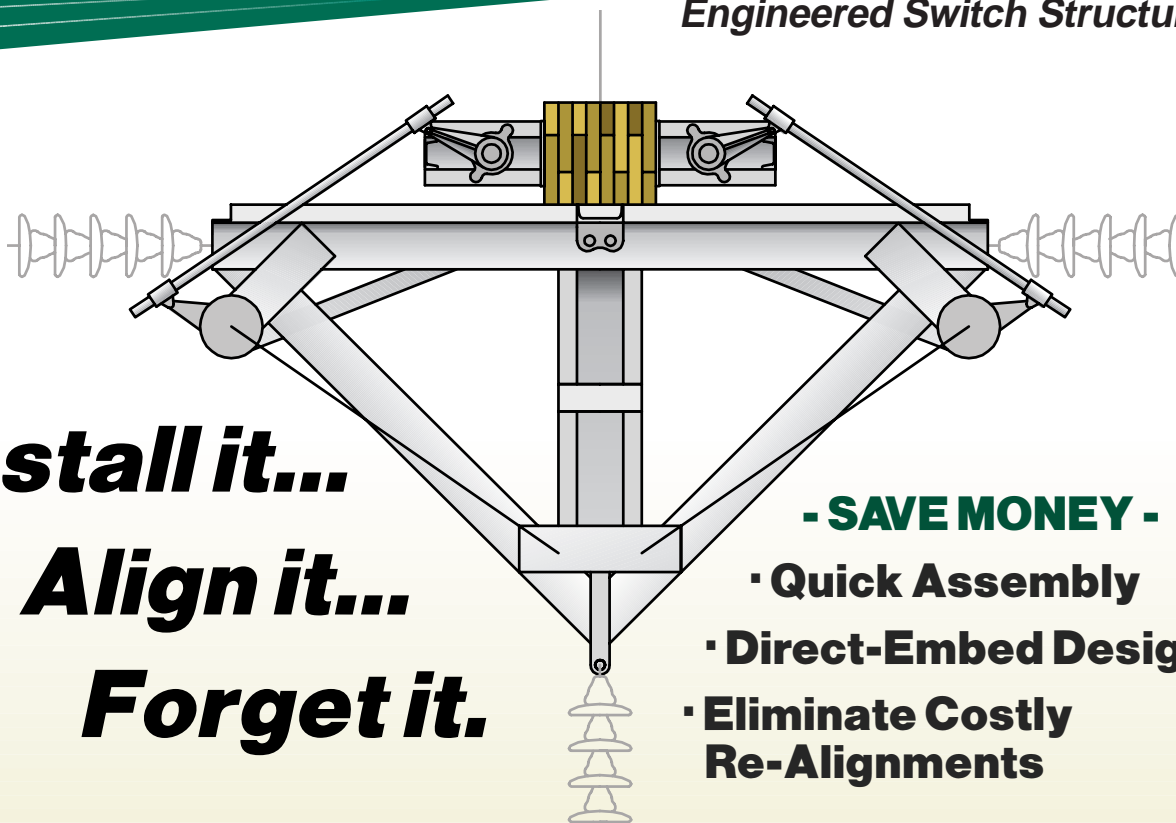


- **Engineered Strength**
- **Will Not Twist**
- **Approved for All Switch Models**
- **Aesthetically Pleasing**
- **Easily Field-Modified**
- **Unguyed Applications**
- **Complete with Foundation Design**

**E-LAM**® **NEVER-TWIST**™  
Engineered Switch Structures

# E-LAM<sup>®</sup> NEVER-TWIST<sup>™</sup>

Engineered Switch Structures



***Install it...***  
***Align it...***  
***Forget it.***

- **SAVE MONEY** -
- Quick Assembly
- Direct-Embed Design
- Eliminate Costly Re-Alignments



69kV 4-Way



115kV 3-Way



69kV 3-Way



- **Approved for use by all major phase-over-phase switch manufacturers (up to 161kV)**
- **Dimensional stability ensures permanent alignment**
- **Easily modified in the field with standard equipment**
- **Structures are pre-drilled per switch manufacturer specifications for simple installation in the field**
- **Direct-embed design reduces foundation costs and simplifies installation**
- **Can be climbed with standard hooks**
- **Manufactured from natural, renewable wood resource with stable price and supply**
- **Natural, aesthetically pleasing appearance is preferred by the public over other engineered structures**

**E-LAM® NEVER-TWIST™**  
Engineered Switch Structures



**Laminated Wood  
Systems, Inc.**

1327 285th Road Seward, NE 68434



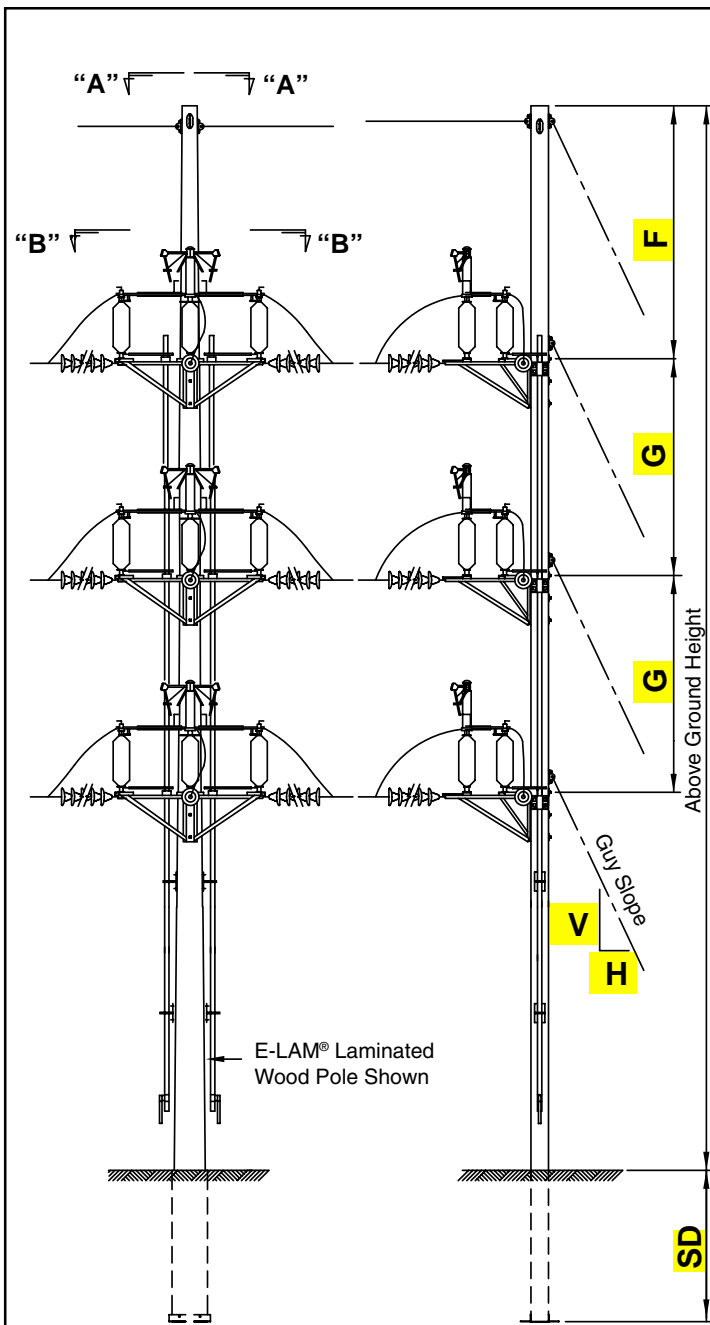
Renewable Resource

**800-949-3526 www.lwsinc.com**

# Switch Structure Information Worksheet

Use this form to provide LWS engineers information regarding your switch structure requirements. BE SURE TO FILL OUT ALL FIELDS SHADED IN YELLOW. All of this information is required to accurately specify the correct E-LAM® pole for your application.

Complete the following form and fax it to LWS at: **402-643-4374**  
 OR submit online at: **www.lwsinc.com/eup\_form7lasso**



Span	<input type="text"/>	Span	<input type="text"/>
Wire	<input type="text"/>	Wire	<input type="text"/>
MDT	<input type="text"/>	MDT	<input type="text"/>
60°F	<input type="text"/>	60°F	<input type="text"/>

**Shield Wire**  
(view "A-A")

Span	<input type="text"/>
Wire	<input type="text"/>
MDT	<input type="text"/>
60°F	<input type="text"/>

MDT = Maximum Design Tension    60°F = Tension at 60°F

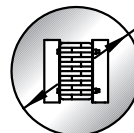
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Wire	<input type="text"/>	Wire	<input type="text"/>
MDT	<input type="text"/>	MDT	<input type="text"/>
60°F	<input type="text"/>	60°F	<input type="text"/>

**Conductors**  
(view "B-B")

Span	<input type="text"/>
Wire	<input type="text"/>
MDT	<input type="text"/>
60°F	<input type="text"/>

MDT = Maximum Design Tension    60°F = Tension at 60°F

**Foundation Detail**



**Foundation Diameter**

(Based on a Class  soil type)

Switch Manufacturer  Model  Serial No. or Order No.

Pole Length	Setting Depth (SD)	Above Ground Height	F	G	Guy Slope (If Applicable)	
					V	H
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>