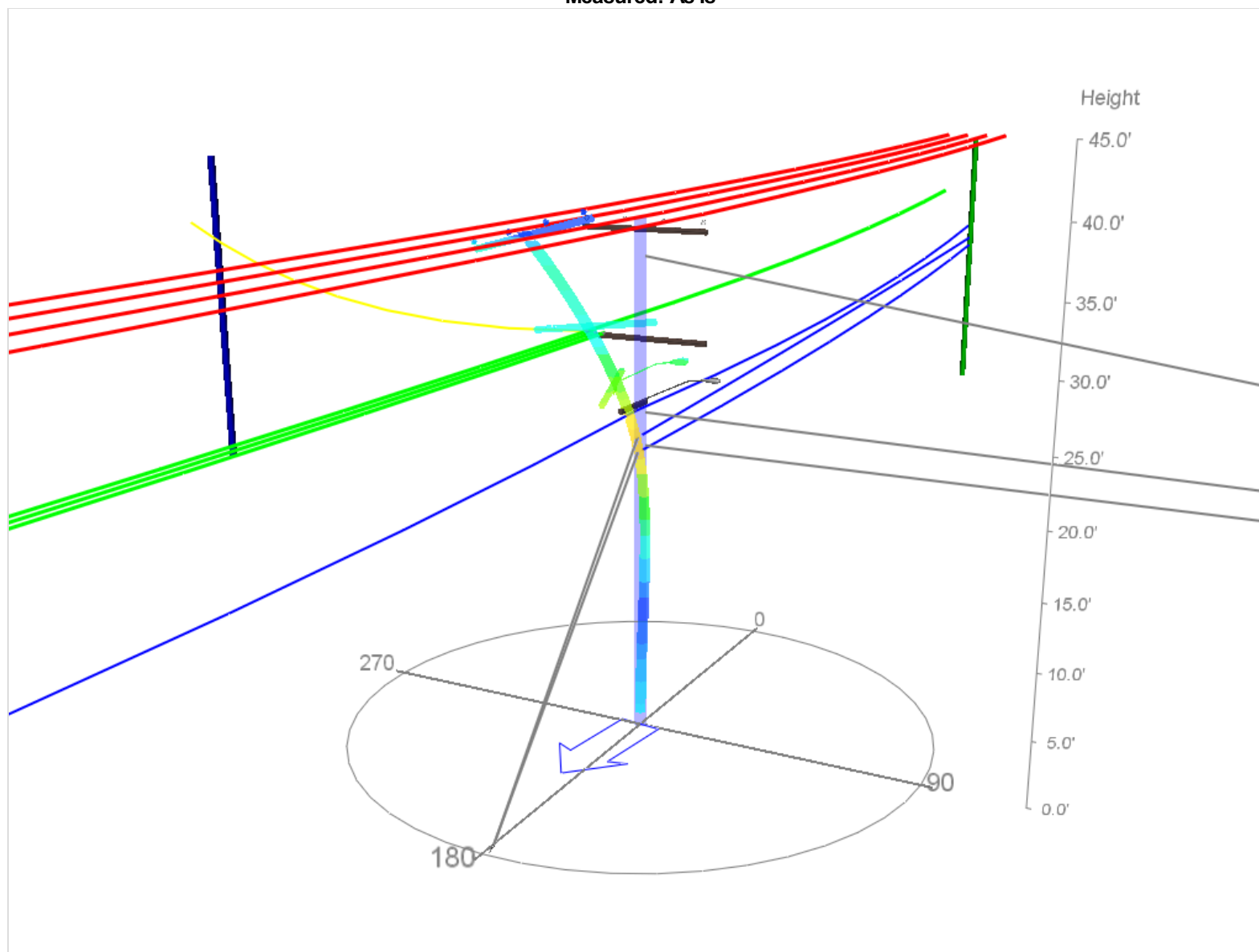


Measured: As Is

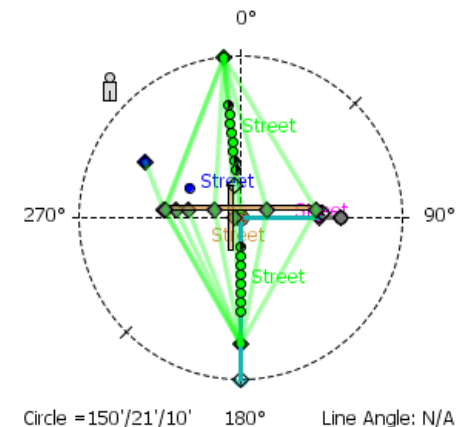
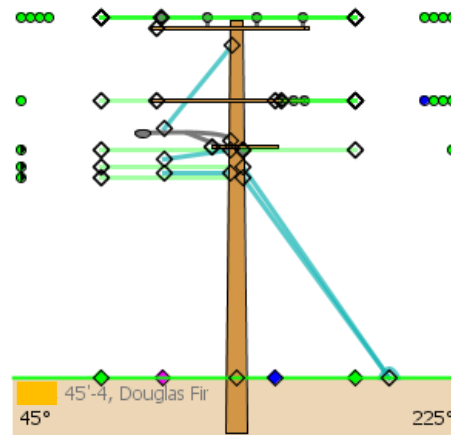


### Design Properties

Owner:  
 Species: Douglas Fir  
 Length: 45'  
 Class: 4  
 AGL: 39' 0"  
 GLC: 35"  
 Allowable Stress Adjustment: 100%  
 Effective Allowable Stress: 8000 lb/in<sup>2</sup>  
 GPS Point: Undefined.

### Pole Load Contribution by Owner

Load Case				Total
In Service, Light, 8 lb, Grade A	82.79%	0%	0.59%	83.38%



### Load Case Properties

	In Service, Light, 8 lb, Grade A (Governing Case)
LoadCase Type	GO95 Light
Construction Grade	A
Construction Type	Replacement
Temperature	25 °F
Wind Pressure	8 lb/ft <sup>2</sup>
Ice Thickness	0"
Wind Start Direction	0 °
Wind Increment	1 °
Usage Level	Owner
Load Percentage Allowed	100%
Average Length on Main Span	Yes
Analyze with Second Order Bending	Yes
Analyze Ground Line Only	No
Analyze with Buckling Case	Yes
Analyze with Deflection Case	No
Analyze with Strength Results	Yes
Custom	Yes

### Loading Analysis

#### Analysis Results

Component	In Service, Light, 8 lb, Grade A (Governing Case)			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	3.2 from stress at 22' 4"	2501 / 8000 lb/in <sup>2</sup>	187 °	8000 lb/in <sup>2</sup>
Pole-Buckling	24.31	3591 / 87314 lbf	3 °	N/A
Guy#1	45.88	244 / 11200 lbf	7 °	11200 lbf
Guy#2	16.09	1293 / 20800 lbf	8 °	20800 lbf
SpanGuy#1	3.95	1685 / 6650 lbf	256 °	6650 lbf
SpanGuy#2	24.47	458 / 11200 lbf	260 °	11200 lbf
SpanGuy#3	17.12	388 / 6650 lbf	259 °	6650 lbf