

Location Properties

Technician:
 Address:
 City:
 County:
 Cross Street 1:
 Remedy:
 Comments:

Map Number:
 Pole Tags:
 State:
 Zip Code:
 Cross Street 2:
 Summary Notes:

Location Analysis Summary

Layer	Pole Length/Class	Minimum Safety Factor						Pole Strength Remaining	Loading Adjusted by Strength?	Clearance Violations Present?
		Pole	Guy	Anchor	Cross Arm	Insulator	Sidewalk Brace			
As Is	40/2	8.16 from stress at 3' 3"	No Data	No Data	No Data	No Data	No Data	100%	Y	N
As Designed	40/2	3.98 from stress at 3' 3"	No Data	No Data	No Data	No Data	No Data	100%	Y	N



N/A



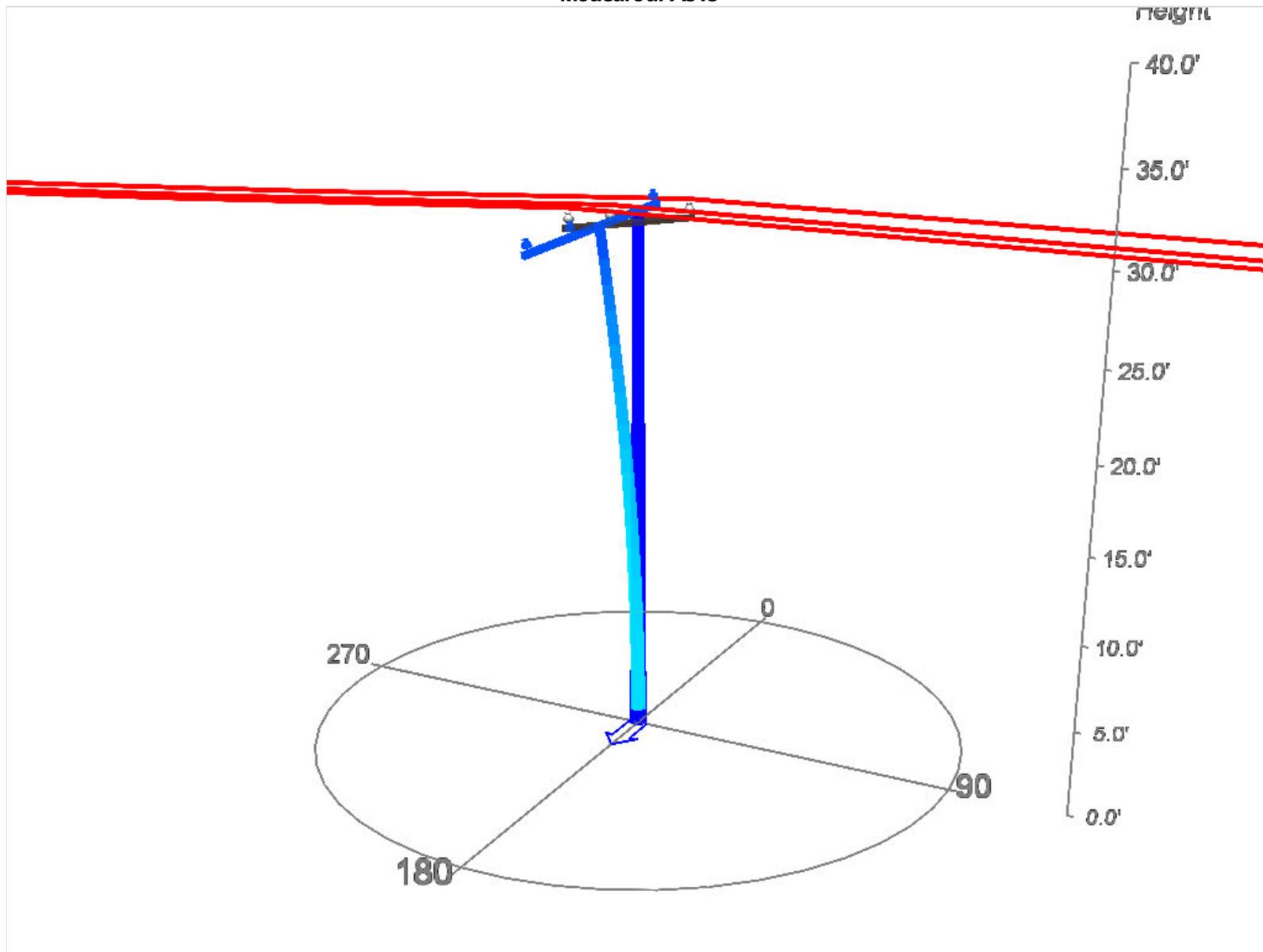
N/A



N/A



Measured: As Is



Analysis Results

Loading

Component	In Service, 12 lb, Grade A (Governing Case)			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	8.16 from stress at 3' 3"	980 / 8000 lb/in	180 °	8000 lb/in

Wire End Points and Wires

WEP#2											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Next Pole	Street	244'	2 2 °	Undefined	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, 12 lb, Grade A	
										Tension	Sag
Wire#4	4 ACSR	SCE	Primary	Light Full	32' 4"	0' 0"	1	288 lbf	Dynamic	556.14 lbf	3' 5"
Wire#5	4 ACSR	SCE	Primary	Light Full	32' 4"	0' 0"	1	288 lbf	Dynamic	557.37 lbf	3' 5"
Wire#6	4 ACSR	SCE	Primary	Light Full	32' 4"	0' 0"	1	288 lbf	Dynamic	563.19 lbf	3' 5"

WEP#1											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Previous Pole	Street	295'	95 °	Undefined	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, 12 lb, Grade A	
										Tension	Sag
Wire#1	4 ACSR	SCE	Primary	Light Full	32' 4"	0' 0"	1	281 lbf	Dynamic	566.39 lbf	4' 11"
Wire#2	4 ACSR	SCE	Primary	Light Full	32' 4"	0' 0"	1	281 lbf	Dynamic	565.5 lbf	4' 11"
Wire#3	4 ACSR	SCE	Primary	Light Full	32' 4"	0' 0"	1	281 lbf	Dynamic	561.4 lbf	4' 11"

Tension value used in an analysis may vary dependent on 'Average Length on Main Span' setting in the Load Case
 Tension value is inclusive of environmental and load factors associated with the Load Case
 Sag value is inclusive of environmental and load factors associated with the Load Case

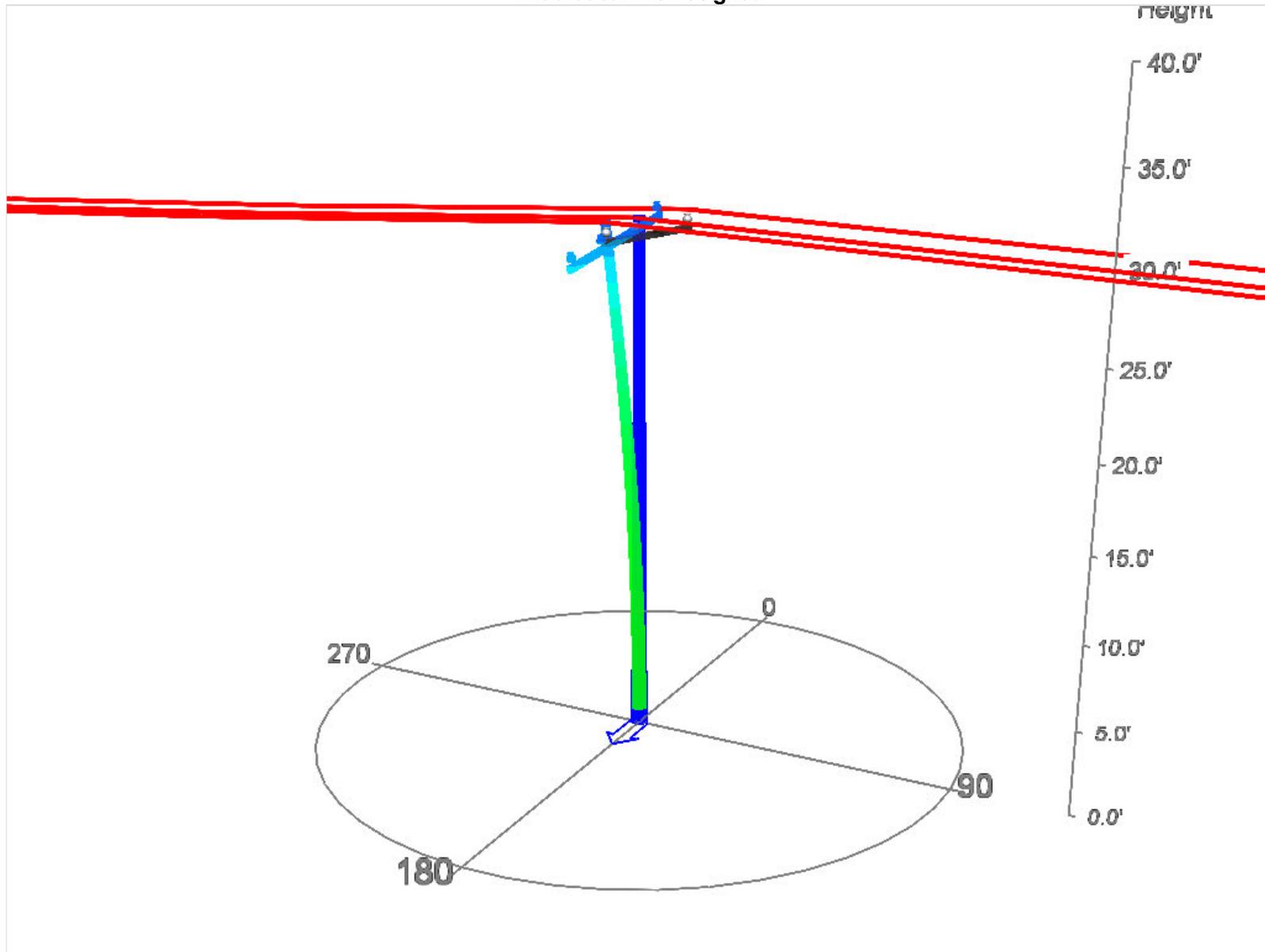
Cross Arms

ID	Size	Height	Association	Direction	Offset	Insulators
CrossArm#1	10 Foot Cross Arm	31'2"	Other	21 °	5' 0"	Insulator#1, Insulator#2, Insulator#3

Insulators

ID	Size	Direction	Offset	Wires
Insulator#1	16 kV Pin (Cross Arm)	95 °	0' 4"	Wire#1, Wire#4
Insulator#2	16 kV Pin (Cross Arm)	95 °	6' "	Wire#2, Wire#5
Insulator#3	16 kV Pin (Cross Arm)	95 °	9' 8"	Wire#3, Wire#6

Theoretical: As Designed



Analysis Results

Loading

Component	In Service, 12 lb, Grade A (Governing Case)			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	3.98 from stress at 3' 3"	2009 / 8000 lb/in	180 °	8000 lb/in

Wire End Points and Wires

WEP#2											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Next Pole	Street	242'	2 2 °	Undefined	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, 12 lb, Grade A	
Wire#1	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	31' 7"	0' 0"	1	854 lbf	Dynamic	1488.04 lbf	3' 10"
Wire#2	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	31' 7"	0' 0"	1	854 lbf	Dynamic	1467.93 lbf	3' 11"
Wire#5	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	31' 7"	0' 0"	1	854 lbf	Dynamic	1473.49 lbf	3' 10"

WEP#1											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Previous Pole	Street	295'	95 °	Undefined	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, 12 lb, Grade A	
Wire#3	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	31' 7"	0' 0"	1	829 lbf	Dynamic	1485.01 lbf	5' 8"
Wire#4	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	31' 7"	0' 0"	1	829 lbf	Dynamic	1475.14 lbf	5' 9"
Wire#6	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	31' 7"	0' 0"	1	829 lbf	Dynamic	1489.29 lbf	5' 8"

Tension value used in an analysis may vary dependent on 'Average Length on Main Span' setting in the Load Case
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 Sag value is inclusive of environmental and load factors associated with the Load Case

Cross Arms

ID	Size	Height	Association	Direction	Offset	Insulators
CrossArm#1	10 Foot Cross Arm	30' 6"	Bisector	183 °	5' 0"	Insulator#1, Insulator#2, Insulator#3

Insulators

ID	Size	Direction	Offset	Wires
Insulator#1	16 kV Pin (Cross Arm)	2 2 °	0' 4"	Wire#2, Wire#6
Insulator#2	16 kV Pin (Cross Arm)	2 2 °	9' 8"	Wire#1, Wire#4
Insulator#3	16 kV Pin (Cross Arm)	95 °	3' 5"	Wire#3, Wire#5

Location 4611951E Location Forms

Pole Info Form

- Pole Equipment#:
- Previous Inspection Date:
- Year Installed:
- As Is POA Height:
- As Is POA Diameter:
- As Designed POA Height:
- As Designed POA Diameter:
- Thomas Guide/Quadrant:
- Circuit :
- Substation:
- FIM:
- Location:
- City:
- Brand Height:
- Date Pole Load Performed:
- Comments:
- GPS Location: N/A

QC Comments

- QC Comments:

SAP

- Field Inspection Date: 10/19/2016
- High Fire: Extreme
- Special Project: No
- Associated Poles:
- Visible Damage: No
- Pole Type: ED
- District: 39 Ventura
- Region: ED NW NORTHCOA
- Above 3000 Ft Elevation: No
- As Designed Work Type: Existing
- Access Notes:

