

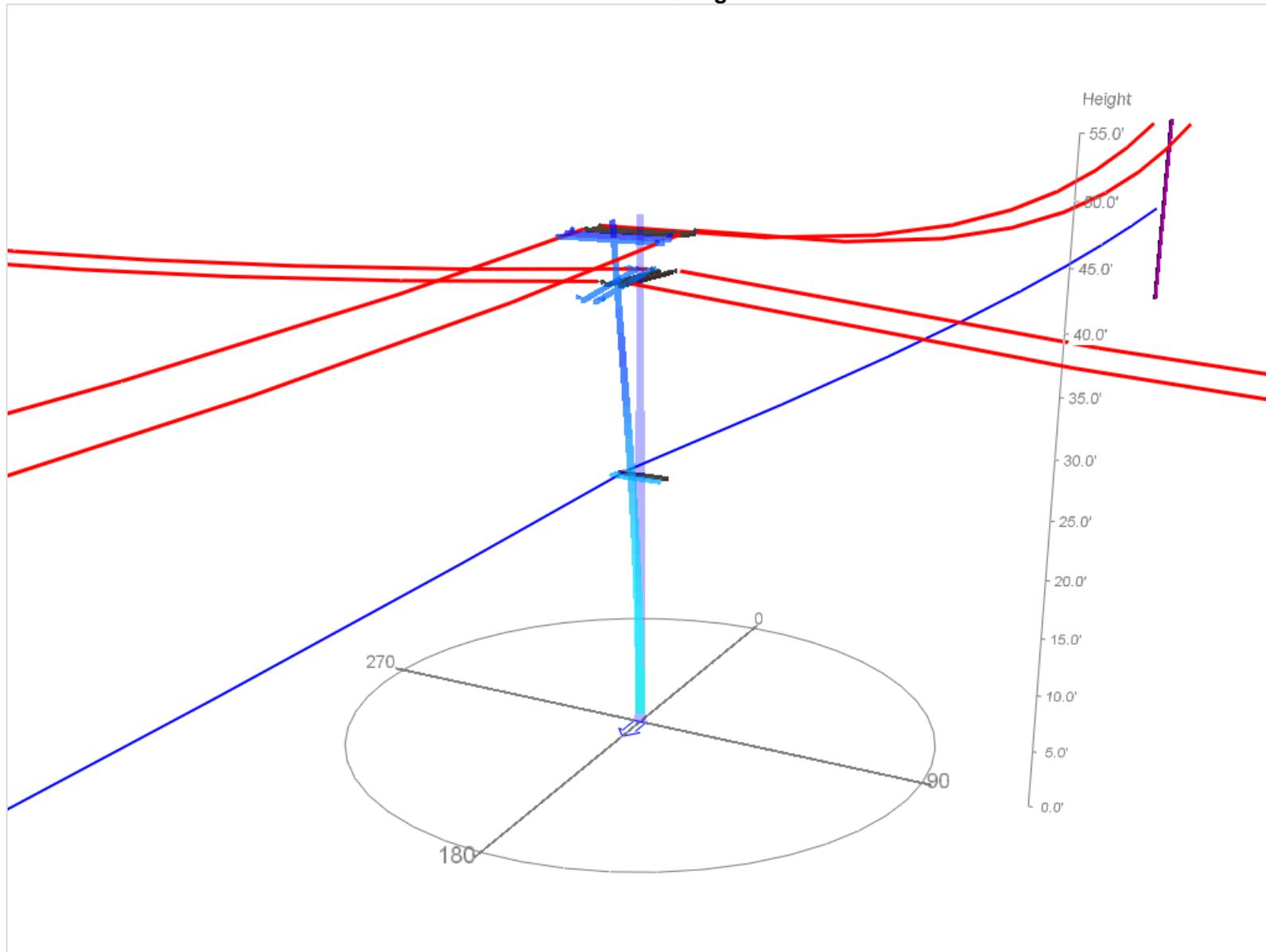
Location Properties

Technician:	Map Number:
Address:	Pole Tags:
City:	State:
County:	Zip Code:
Cross Street 1:	Cross Street 2:
Remedy:	Summary Notes:
Comments:	

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 Designed	55/3	10.92 from stress at 1' 0"	No Data	No Data	No Data	No Data	No Data	100%	Y	N

Theoretical: As Designed



Analysis Results

Loading

Component	New, 12 lb, Grade B (Governing Case)			New, Heavy, 6 lb, Grade B			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	10.92 from stress at 1' 0"	696 / 7600 lb/in ²	180 °	13.87 from stress at 41' 0"	548 / 7600 lb/in ²	270 °	7600 lb/in ²

Wire End Points and Wires

WEP#1													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Next Pole	None	304'	0 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade B		New, Heavy, 6 lb, Grade B	
										Tension	Sag	Tension	Sag
Wire#2	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	46' 2"	0' 0"	0.25	303.5 lbf*	Dynamic	388.7 lbf**	8' 4"***	1377.02 lbf**	11' 5"***
Wire#3	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	46' 2"	0' 0"	0.25	303.5 lbf*	Dynamic	387.79 lbf**	8' 4"***	1373.11 lbf**	11' 5"***
Wire#9	Car. Sol. - 048 - 500' - CLDB	Edison Carrier Solution	Communication	Heavy Full	24' 2"	0' 0"	1	437 lbf*	Dynamic	434.11 lbf**	2' 11"***	972.28 lbf**	13' 3"***

WEP#2													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Previous Pole	None	214'	180 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade B		New, Heavy, 6 lb, Grade B	
										Tension	Sag	Tension	Sag
Wire#1	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	46' 2"	0' 0"	0.28	319.48 lbf*	Dynamic	218.89 lbf**	7' 3"***	1402.5 lbf**	5' 6"***
Wire#4	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	46' 2"	0' 0"	0.28	319.48 lbf*	Dynamic	219.39 lbf**	7' 3"***	1412.72 lbf**	5' 6"***
Wire#10	Car. Sol. - 048 - 500' - CLDB	Edison Carrier Solution	Communication	Heavy Full	24' 2"	0' 0"	1	303 lbf*	Dynamic	313.65 lbf**	2' 0"***	824.23 lbf**	7' 9"***

WEP#3													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Other Pole	None	294'	90 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade B		New, Heavy, 6 lb, Grade B	
										Tension	Sag	Tension	Sag
Wire#6	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	42' 2"	0' 0"	0.28	337.12 lbf*	Dynamic	871.5 lbf**	9' 8"***	1295.52 lbf**	8' 9"***
Wire#7	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	42' 2"	0' 0"	0.28	337.12 lbf*	Dynamic	872.65 lbf**	9' 8"***	1298.73 lbf**	8' 9"***

WEP#4													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Other Pole	None	164'	270 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade B		New, Heavy, 6 lb, Grade B	
										Tension	Sag	Tension	Sag
Wire#5	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	42' 2"	0' 0"	0.31	336.66 lbf*	Dynamic	861.55 lbf**	3' 1"***	952.56 lbf**	3' 8"***
Wire#8	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	42' 2"	0' 0"	0.31	336.66 lbf*	Dynamic	866.66 lbf**	3' 0"***	959.56 lbf**	3' 8"***

*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 Double Cross Arm	46' 0"	Bisector	90 °	5' 0"	Insulator#1, Insulator#2, Insulator#3, Insulator#4
CrossArm#2	10 Foot Double Cross Arm	42' 0"	Other	0 °	5' 0"	Insulator#5, Insulator#6, Insulator#7, Insulator#8
CrossArm#3	5 Foot Cross Arm	24' 0"	Bisector	90 °	2' 6"	Insulator#9

Insulators

ID	Size	Direction	Offset	Wires
Insulator#1	12 kV Deadend	0 °	0' 4"	Wire#3
Insulator#2	12 kV Deadend	180 °	0' 4"	Wire#4
Insulator#3	12 kV Deadend	0 °	9' 8"	Wire#2
Insulator#4	12 kV Deadend	180 °	9' 8"	Wire#1
Insulator#5	12 kV Deadend	270 °	0' 4"	Wire#5
Insulator#6	12 kV Deadend	90 °	0' 4"	Wire#7
Insulator#7	12 kV Deadend	270 °	9' 8"	Wire#8
Insulator#8	12 kV Deadend	90 °	9' 8"	Wire#6
Insulator#9	3 Bolt Suspension Clamp	0 °	4' 4"	Wire#9, Wire#10

Location 4120974E Location Forms

SAP

- Field Inspection Date: 03/09/2023
- High Fire: Elevated
- Special Project: No
- Associated Poles:
- Visible Damage: No
- Pole Type: ED
- District: 73 - Victorville
- Region: ED-SE-DESERTRE
- Above 3000 Ft Elevation: Yes
- As Designed Work Type: Replace
- Access Notes:

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: