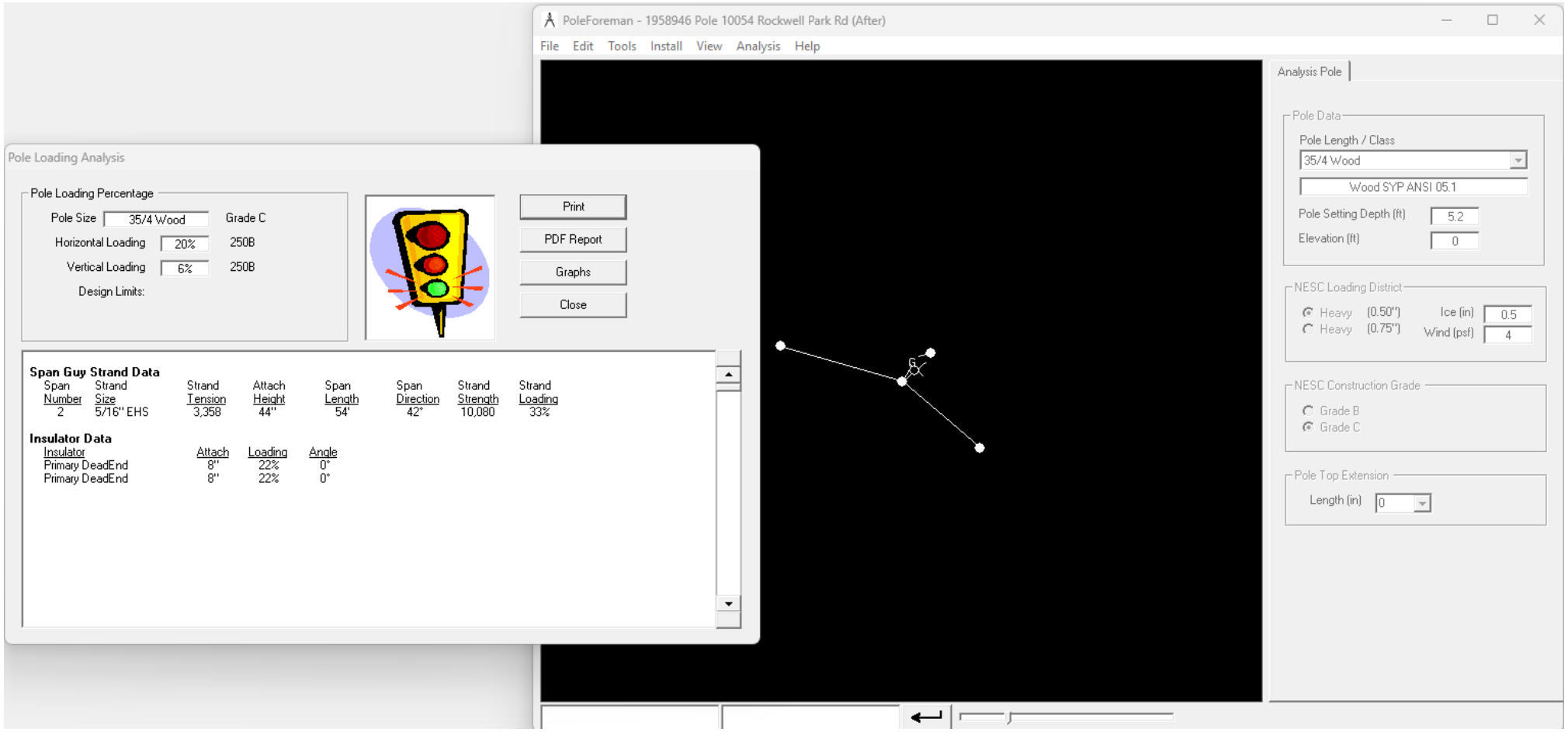
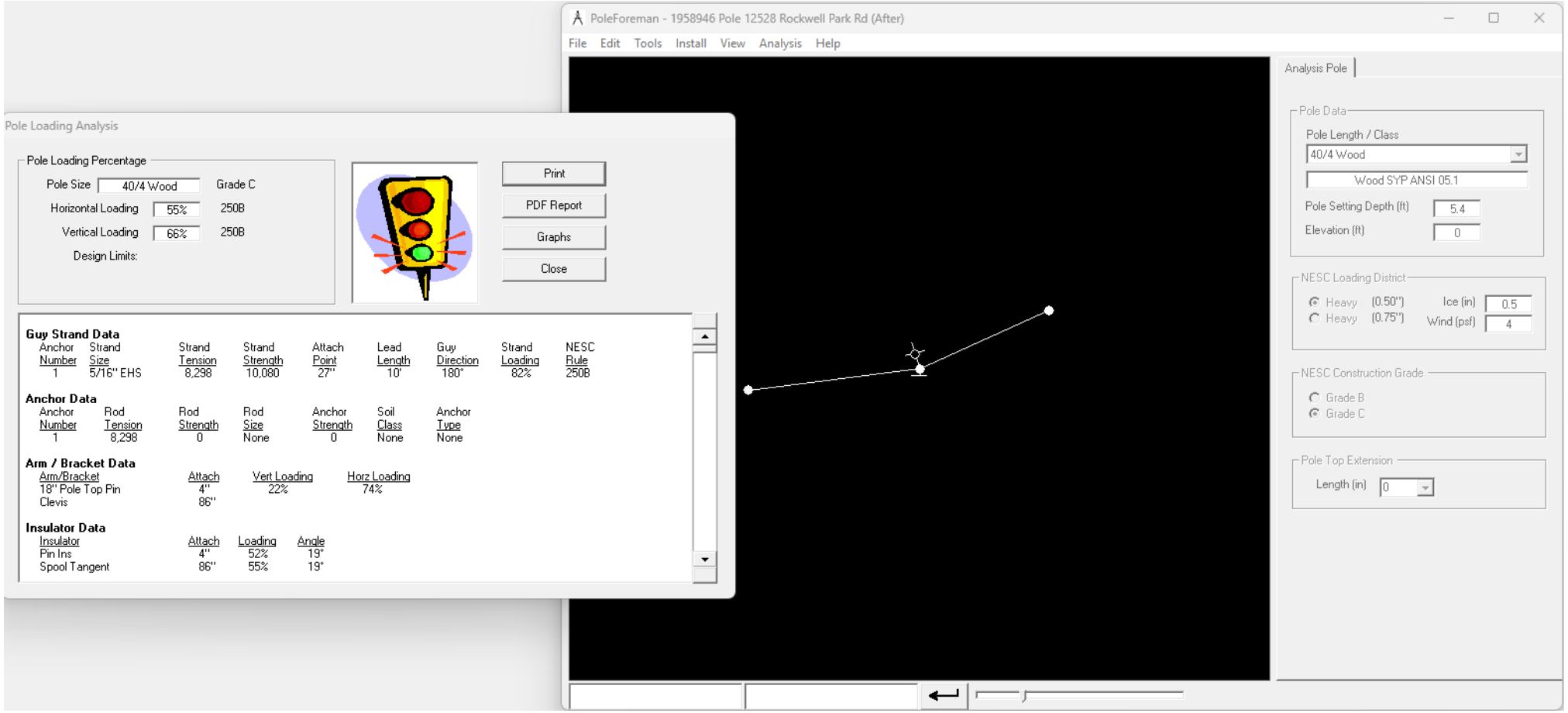
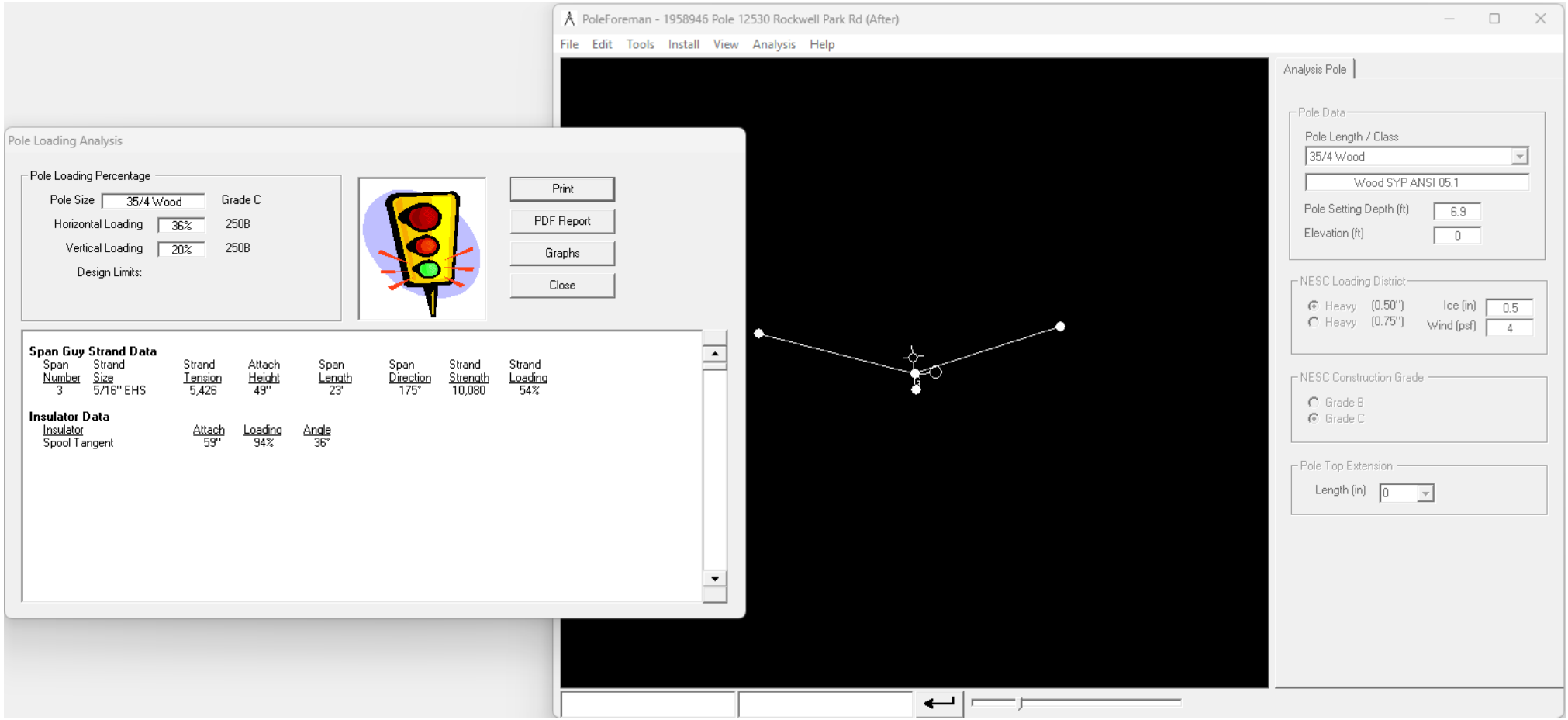
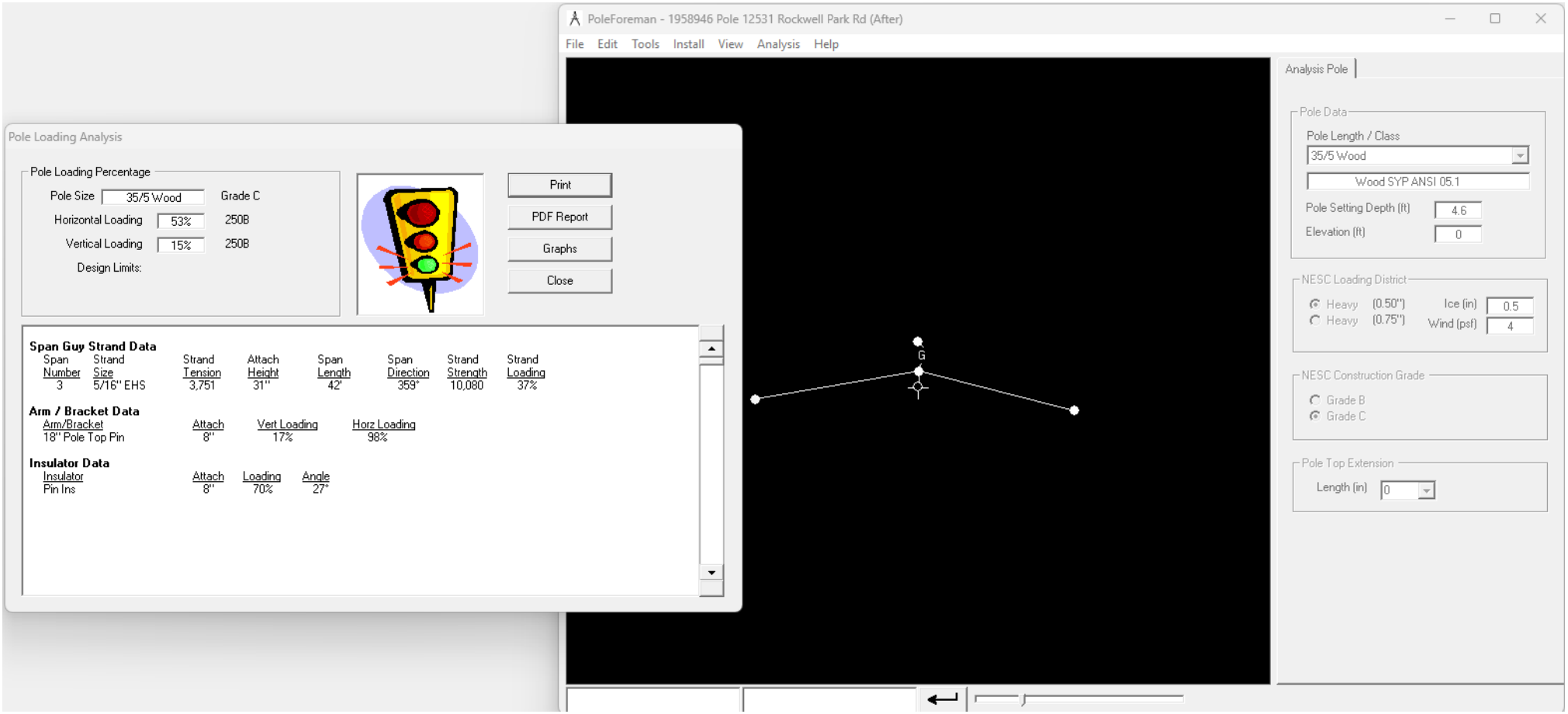
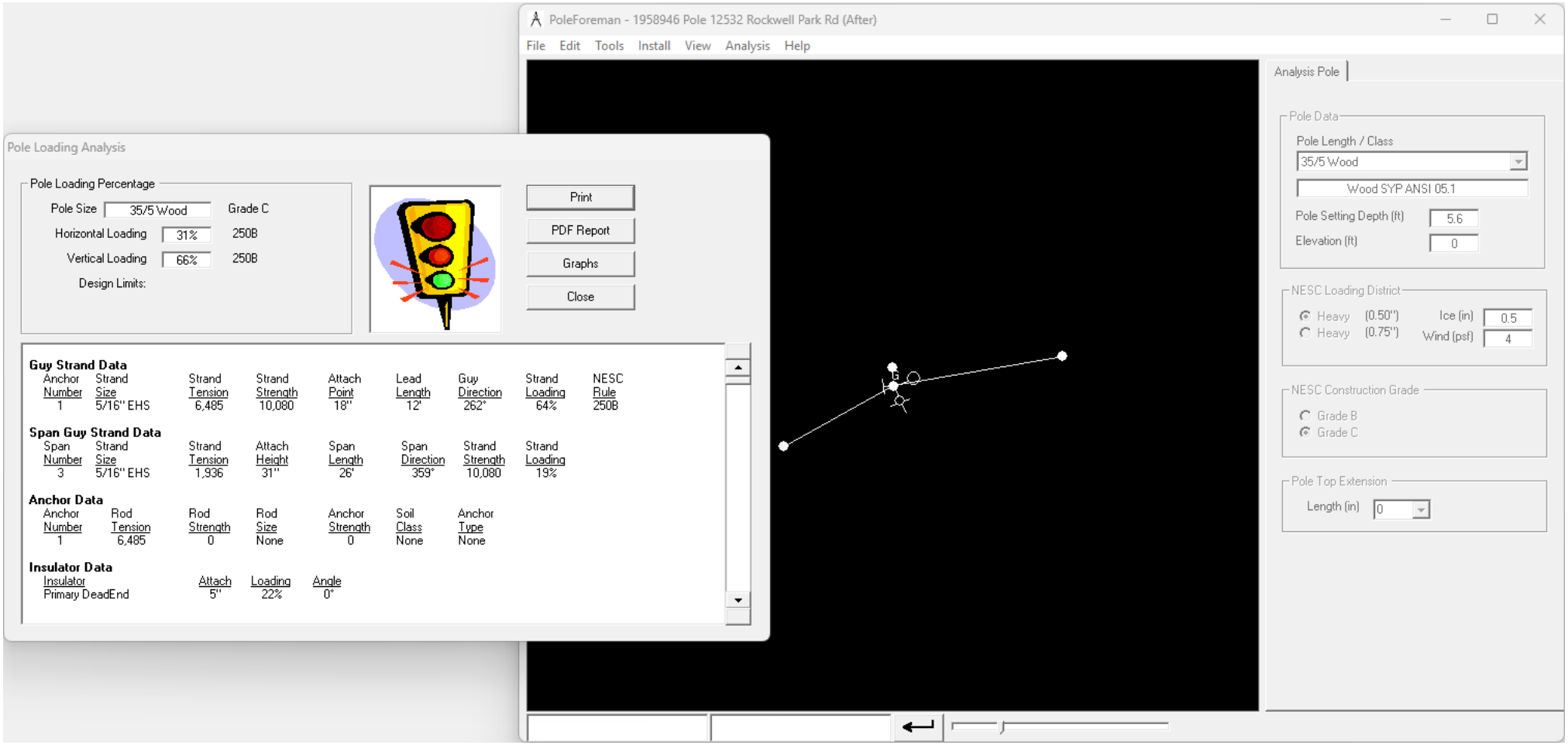
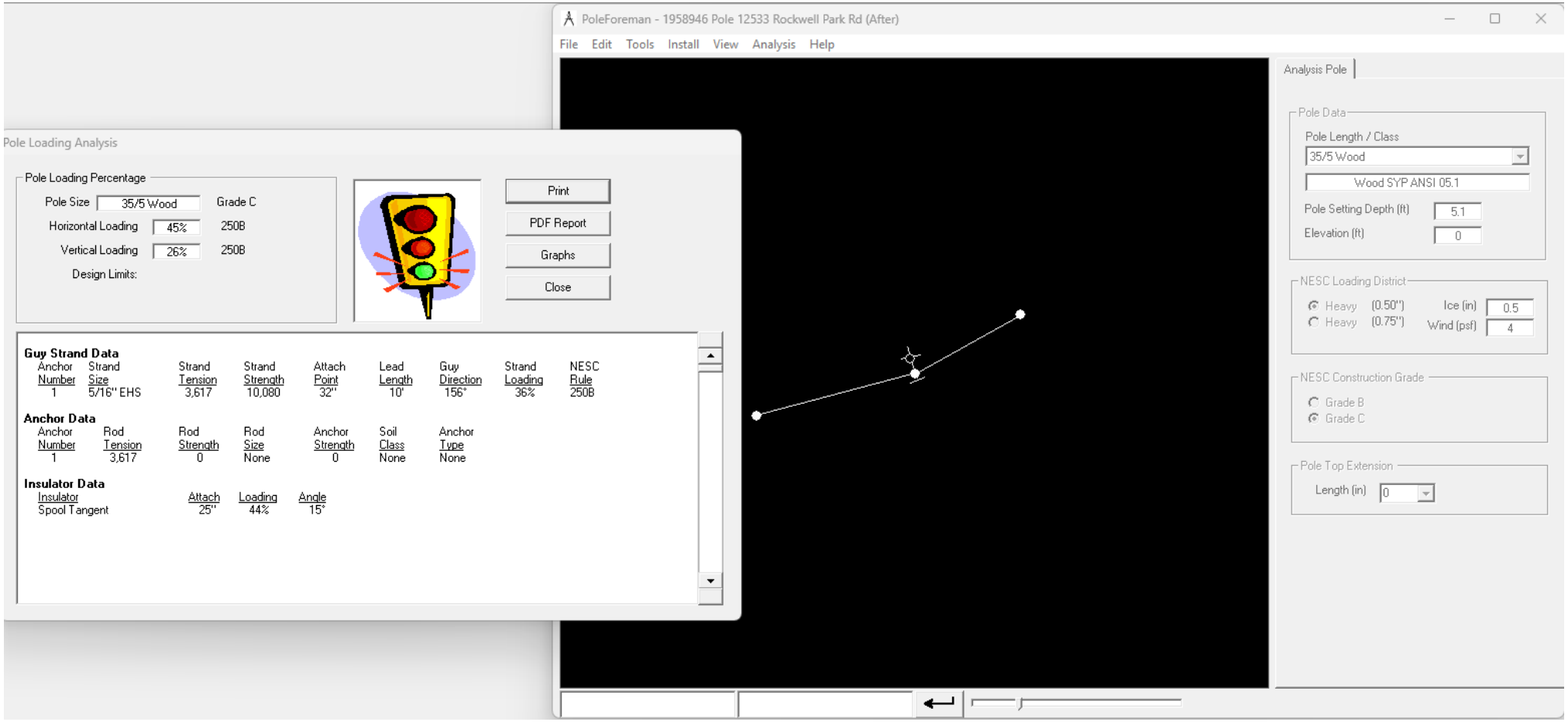

PoleForeman - 1958946 Pole 10054 Rockwell Park Rd (After)
File Edit Tools Install View Analysis Help
Pole Loading Analysis
Pole Loading Percentage
Pole Size 35/4 Wood Grade C
Horizontal Loading 20% 250B
Vertical Loading 6% 250B
Design Limits:
Print
PDF Report
Graphs
Close
Span Guy Strand Data
Span Number 2
Strand Size 5/16" EHS
Strand Tension 3,358
Attach Height 44"
Span Length 54'
Span Direction 42°
Strand Strength 10,080
Strand Loading 33%
Insulator Data
Insulator Attach Loading Angle
Primary DeadEnd 8" 22% 0°
Primary DeadEnd 8" 22% 0°
Analysis Pole
Pole Data
Pole Length / Class
35/4 Wood
Wood SYP ANSI 05.1
Pole Setting Depth (ft) 5.2
Elevation (ft) 0
NESC Loading District
Heavy (0.50") Ice (in) 0.5
Heavy (0.75") Wind (psf) 4
NESC Construction Grade
Grade B
Grade C
Pole Top Extension
Length (in) 0


PoleForeman - 1958946 Pole 12528 Rockwell Park Rd (After)
File Edit Tools Install View Analysis Help
Pole Loading Analysis
Pole Loading Percentage
Pole Size 40/4 Wood Grade C
Horizontal Loading 55% 250B
Vertical Loading 66% 250B
Design Limits:
Print
PDF Report
Graphs
Close
Guy Strand Data
Anchor Number 1
Strand Size 5/16" EHS
Strand Tension 8,298
Strand Strength 10,080
Attach Point 27"
Lead Length 10'
Guy Direction 180°
Strand Loading 82%
NESC Rule 250B
Anchor Data
Anchor Number 1
Rod Tension 8,298
Rod Strength 0
Rod Size None
Anchor Strength 0
Soil Class None
Anchor Type None
Arm / Bracket Data
Arm/Bracket 18" Pole Top Pin
Clevis
Attach 4" 86"
Vert Loading 22%
Horz Loading 74%
Insulator Data
Insulator Pin Ins
Spool Tangent
Attach 4" 86"
Loading 52% 55%
Angle 19° 19°
Analysis Pole
Pole Data
Pole Length / Class
40/4 Wood
Wood SYP ANSI 05.1
Pole Setting Depth (ft) 5.4
Elevation (ft) 0
NESC Loading District
Heavy (0.50") Ice (in) 0.5
Heavy (0.75") Wind (psf) 4
NESC Construction Grade
Grade B
Grade C
Pole Top Extension
Length (in) 0


PoleForeman - 1958946 Pole 12530 Rockwell Park Rd (After)
File Edit Tools Install View Analysis Help
Pole Loading Analysis
Pole Loading Percentage
Pole Size 35/4 Wood Grade C
Horizontal Loading 36% 250B
Vertical Loading 20% 250B
Design Limits:
Print
PDF Report
Graphs
Close
Span Guy Strand Data
Span Number 3
Strand Size 5/16" EHS
Strand Tension 5,426
Attach Height 49"
Span Length 23'
Span Direction 175°
Strand Strength 10,080
Strand Loading 54%
Insulator Data
Insulator Spool Tangent
Attach 59"
Loading 94%
Angle 36°
Analysis Pole
Pole Data
Pole Length / Class
35/4 Wood
Wood SYP ANSI 05.1
Pole Setting Depth (ft) 6.9
Elevation (ft) 0
NESC Loading District
Heavy (0.50") Ice (in) 0.5
Heavy (0.75") Wind (psf) 4
NESC Construction Grade
Grade B
Grade C
Pole Top Extension
Length (in) 0


PoleForeman - 1958946 Pole 12531 Rockwell Park Rd (After)
File Edit Tools Install View Analysis Help
Pole Loading Analysis
Pole Loading Percentage
Pole Size 35/5 Wood Grade C
Horizontal Loading 53% 250B
Vertical Loading 15% 250B
Design Limits:
Print
PDF Report
Graphs
Close
Span Guy Strand Data
Span Number 3
Strand Size 5/16" EHS
Strand Tension 3,751
Attach Height 31"
Span Length 42'
Span Direction 359°
Strand Strength 10,080
Strand Loading 37%
Arm / Bracket Data
Arm/Bracket 18" Pole Top Pin
Attach 8"
Vert Loading 17%
Horz Loading 98%
Insulator Data
Insulator Pin Ins
Attach 8"
Loading 70%
Angle 27°
G
Analysis Pole
Pole Data
Pole Length / Class
35/5 Wood
Wood SYP ANSI 05.1
Pole Setting Depth (ft) 4.6
Elevation (ft) 0
NESC Loading District
Heavy (0.50") Ice (in) 0.5
Heavy (0.75") Wind (psf) 4
NESC Construction Grade
Grade B
Grade C
Pole Top Extension
Length (in) 0


PoleForeman - 1958946 Pole 12532 Rockwell Park Rd (After)
File Edit Tools Install View Analysis Help
Analysis Pole
Pole Data
Pole Length / Class
35/5 Wood
Wood SYP ANSI 05.1
Pole Setting Depth (ft) 5.6
Elevation (ft) 0
NESC Loading District
Heavy (0.50") Ice (in) 0.5
Heavy (0.75") Wind (psf) 4
NESC Construction Grade
Grade B
Grade C
Pole Top Extension
Length (in) 0
Pole Loading Analysis
Pole Loading Percentage
Pole Size 35/5 Wood Grade C
Horizontal Loading 31% 250B
Vertical Loading 66% 250B
Design Limits:
Print
PDF Report
Graphs
Close
Guy Strand Data
Anchor Number 1
Strand Size 5/16" EHS
Strand Tension 6,485
Strand Strength 10,080
Attach Point 18"
Lead Length 12'
Guy Direction 262°
Strand Loading 64%
NESC Rule 250B
Span Guy Strand Data
Span Number 3
Strand Size 5/16" EHS
Strand Tension 1,936
Attach Height 31"
Span Length 26'
Span Direction 359°
Strand Strength 10,080
Strand Loading 19%
Anchor Data
Anchor Number 1
Rod Tension 6,485
Rod Strength 0
Rod Size None
Anchor Strength 0
Soil Class None
Anchor Type None
Insulator Data
Insulator Primary DeadEnd
Attach 5"
Loading 22%
Angle 0°


PoleForeman - 1958946 Pole 12533 Rockwell Park Rd (After)
File Edit Tools Install View Analysis Help
Analysis Pole
Pole Data
Pole Length / Class
35/5 Wood
Wood SYP ANSI 05.1
Pole Setting Depth (ft) 5.1
Elevation (ft) 0
NESC Loading District
Heavy (0.50") Ice (in) 0.5
Heavy (0.75") Wind (psf) 4
NESC Construction Grade
Grade B
Grade C
Pole Top Extension
Length (in) 0
Pole Loading Analysis
Pole Loading Percentage
Pole Size 35/5 Wood Grade C
Horizontal Loading 45% 250B
Vertical Loading 26% 250B
Design Limits:
Print
PDF Report
Graphs
Close
Guy Strand Data
Anchor Number 1
Strand Size 5/16" EHS
Strand Tension 3,617
Strand Strength 10,080
Attach Point 32"
Lead Length 10'
Guy Direction 156°
Strand Loading 36%
NESC Rule 250B
Anchor Data
Anchor Number 1
Rod Tension 3,617
Rod Strength 0
Rod Size None
Anchor Strength 0
Soil Class None
Anchor Type None
Insulator Data
Insulator Spool Tangent
Attach 25"
Loading 44%
Angle 15°