



U.S. Geological Survey Manual

Appendix 41-3 Part 445-2-H, Chapter 41

BANK-OPERATED CABLEWAYS USGS – Inspection Checklist

Station Name _____ Number _____
Review previous inspection form. List any important notes _____
Cable Type: IWRC – Other _____; Cable Diameter _____ in; Clear Span _____ ft

Right/Left Bank

ANCHOR:

Anchor Type: Mass – Side hill – Rock (Vertical or Horizontal/U-bar or Pin) – Tree – Other _____
Anchors clean of debris? Y N ➔ Soil – Weeds – Bushes – Trees – Other _____
Signs of deterioration? Concrete Y N ; Rock Y N ; Tree Y N ; Cable connections Y N
If YES, Explain _____
Fractures? Y N ; Movement? Y N ; Rust-Corrosion on U-bar? Y N
If YES, Explain _____

FOOTERS:

Support footers clean of debris? Y N ; Soil – Weeds – Bushes – Trees – Other _____
Signs of deterioration of concrete? Y N ; Fractures? Y N ; Movement? Y N
Notes _____

MAIN CABLE:

Unloaded Sag _____; Cable Length (A-frame to anchor) _____
Connection at anchor: Socket – Turnbuckle – Clevis – Direct (should have thimble) – Other _____
Signs of deterioration? Y N ; Cable – Socket – Turnbuckle – Clevis – Thimbles – Clips – Other _____
If YES, What? Rust – Corrosion – Flaking – Broken/Kinked strands – Items missing – Cracks – Other
Explain _____

BACKSTAY/GUYLINES:

Cable use: Backstay – Guyline; Cable Type: IWRC – Fiber-core – Other; Cable Diameter _____ in
U-bar to cable: Direct – Other _____
Signs of deterioration? Y N ; Cable – Eyebolt – Thimbles – Clips – Other _____
If YES, What? Rust – Corrosion – Flaking – Broken/Kinked strands – Items missing – Cracks – Other
Explain _____

AIRCRAFT WARNING MARKER:

Is warning device required? Y N (SM 445-2-H CHAPTER 27)
Is warning device in place? Y N

CABLE SUPPORTS :

Support type: A-frame (steel – pipe – wood) – Tower – Vertical beam – Tree
Base width: _____ Height _____; Cross members? Y N ; Tree species _____; Tree diameter _____
Signs of deterioration? Y N ; If YES, What?: Fatigue – Rust – Corrosion – Wood decay
Explain _____

Right/Left Bank

ANCHOR:

Anchor Type: Mass – Side hill – Rock (Vertical or Horizontal/U-bar or Pin) – Tree – Other _____
Anchors clean of debris? Y N ; Soil – Weeds – Bushes – Trees – Other _____
Signs of deterioration? Concrete Y N ; Rock Y N ; Tree Y N ; Cable connections Y N
If YES, Explain _____
Fractures? Y N ; Movement? Y N ; Rust-Corrosion on U-bar? Y N
If YES, Explain _____

FOOTERS:

Support footers clean of debris? Y N ; Soil – Weeds – Bushes – Trees – Other _____
Signs of deterioration of concrete? Y N ; Fractures? Y N ; Movement? Y N
Notes _____

MAIN CABLE:

Unloaded Sag _____; Cable Length (A-frame to anchor) _____
Connection at anchor: Socket – Turnbuckle – Clevis – Direct (should have thimble) – Other _____
Signs of deterioration? Y N ; Cable – Socket – Turnbuckle – Clevis – Thimbles – Clips – Other _____
If YES, What? Rust – Corrosion – Flaking – Broken/Kinked strands – Items missing – Cracks – Other
Explain _____

BACKSTAY/GUYLINES:

Cable use: Backstay – Guyline; Cable Type: IWRC – Fiber-core – Other; Cable Diameter _____ in
U-bar to cable: Direct – Other _____
Signs of deterioration? Y N ; Cable – Eyebolt – Thimbles – Clips – Other _____
If YES, What? Rust – Corrosion – Flaking – Broken/Kinked strands – Items missing – Cracks – Other
Explain _____

CABLE SUPPORTS :

Support type: A-frame (steel – pipe – wood) – Tower – Vertical beam – Tree
Base width _____; Height _____; Cross members? Y N ; Tree species _____; Tree diameter _____
Signs of deterioration? Y N ; If YES, What? Fatigue – Rust – Corrosion – Wood decay
Explain _____
Are office records describing this cableway system complete and accurate? Y N (Update as required)
Warning signs in place? Y N ; Describe (number, type, etc.) _____

I certify that the inspection was conducted on this date; all elements of the cableway were checked; deficiencies were noted on the hazard elimination log; and, if necessary, the cable car was either locked or removed until repairs can be made.

Inspection Completed by _____ Title _____ Date _____

Supervisory Review by _____ Title _____ Date _____