

Hoover Dam Bypass

US 93, Colorado River, Nevada

Going further than just 'customized'...

owner ... *Central Federal Lands
... Highway Division*
client ... *F&M Mafco*

SOMERSET was contracted to design a replacement hiline (cableway) system for this challenging bridge project. The Hoover Dam system exhibits the full potential of a construction hiline

Twin luffing cableways, side-by-side, spanning 2500ft, with 50T capacity each gives this system an immense role in this bridge construction project

SOMERSET also modified the design of a 500T capacity S-70 stiff-leg derrick to adapt a boom from a Manitowoc crane



S-70 stiff-leg derrick adapted with a Manitowoc boom



240' boom & 80' jib



First test lift



Slack rope carriers and carriage



Twin 50T luffing cableways servicing a 2500' span