

e across the Colorado
suspension foot bridge.

Engineering and construction
conducted within the sheer
canyon calls for many players,
mechanical. Various tools
of diverse sorts have already
played their roles, and many others
will play as the spectacle moves
forward. No one of them, or
any one of them, can, how-
ever, take credit for the remarkable
achievement. All are important, not
least in conjunction with the
effort which is paramount, but each
in the unison of effort that gets
the job done. Vital to the general scheme
is the strength of each individual
link of a chain.

Things in mind, it is still
to be said that the rock drill,
rather than one class of tool or ma-
chine, is the principal performer dur-
ing the greater part of the work. It came
into use from the very outset, and has been
at the forefront of things ever
since. Millions of cubic yards of rock had
to be drilled and blasted in
order to clear the highways and railroad lines
from the canyon proper in order
to begin in earnest. Long before
the modern approach were in service,
the watchful guard of dam builders
had to clear the river itself and estab-
lish a foothold from which to start
a tunnel adit, as related in



Erecting a Class
one of five such

consideration it was
found to be advantageous to
require from one man
to produce negotiations to
assume the responsibility for
the functioning of the compr-
essors. A necessary stock of spare
parts for the duties of opera-
tion and maintenance. It was also
found to be desirable to stand
ready with respect to type
of compressor. By so doing, spare
parts were interchangeable among
the various and the problems of
maintenance would be
simpler.

Obviously, the purchase
of compressors that would
be used and that would, more-
over, be the rigorous service
to be bound to be imposed
in view of making a choice
of these vital demands, the
responsibility of purchase
and management gave close attention
to the various makes
of compressors were being offered the

In addition to the
purchase was, however, another
to be taken into account
in the plans for the air plant
and the scheme which had
to do with the concrete in the
tunnel some day stay the rush

Construction of the Hoover Dam

*Compressed Air Plays a Part of
Vital Importance in this
Huge Undertaking*

COPELAND LAKE