

TARP

Tunnel and Reservoir Plan

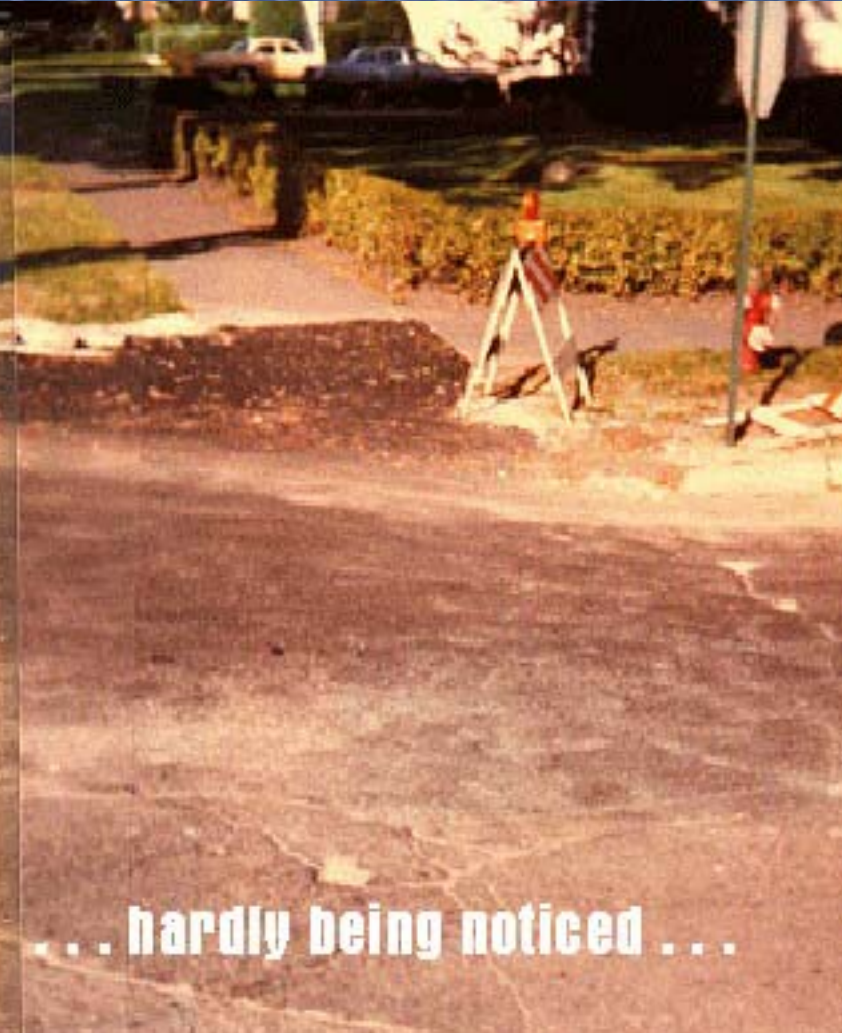
On August 2, 1885 a cloud burst began, which washed sewage out to Lake Michigan, and 90,000 people died!

In 1957, an intense rain storm raised the height of the Chicago River so much and so fast, that box cars were floating in Union Station!

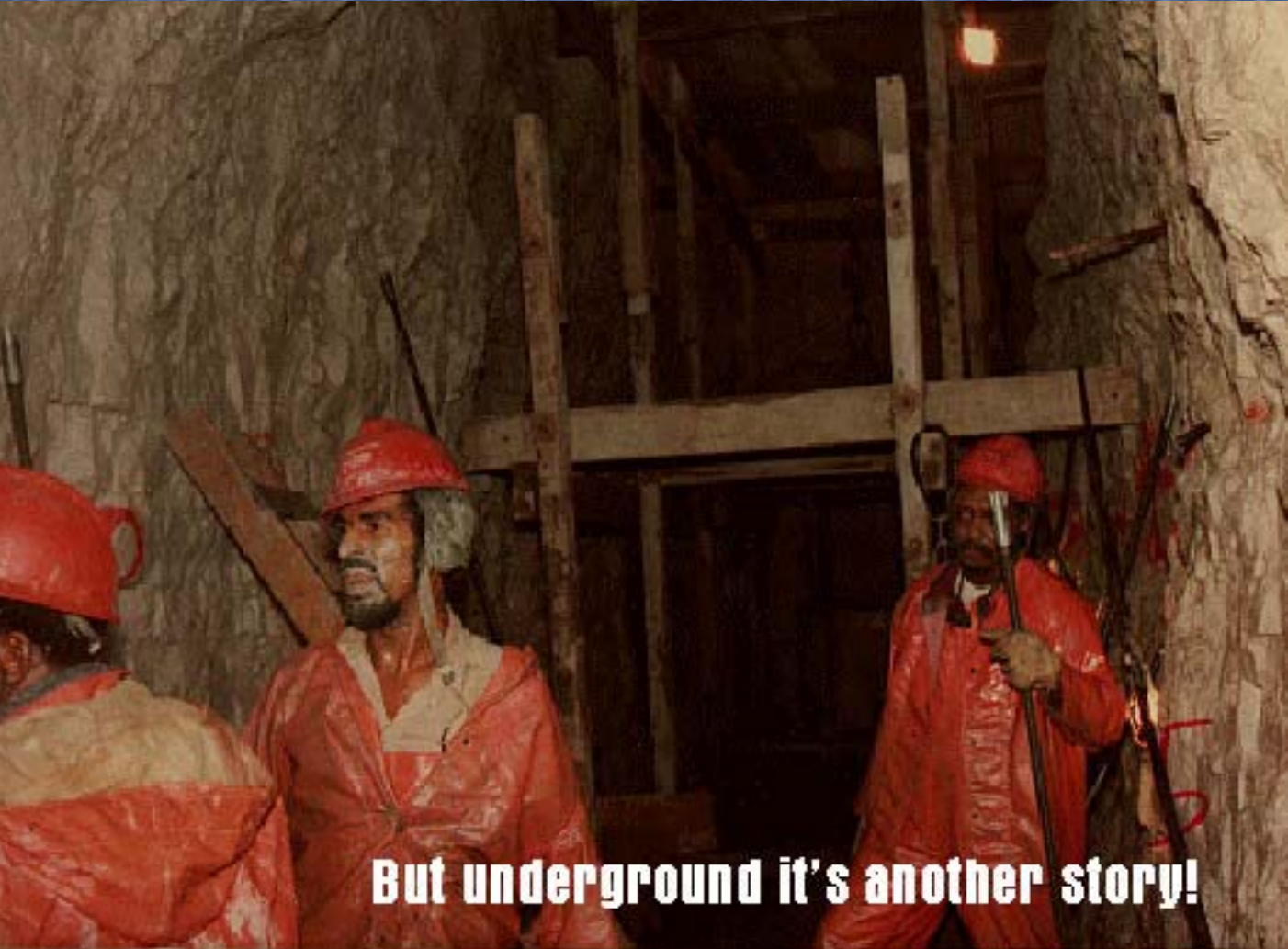
**In the Chicago area, there are
375 square miles of served
areas carrying both sanitary
sewage, and rain water.**

**When those “combined sewers”
get over loaded, they empty into
the Chicago and Des Plaines River
systems, through 440 over flows,
resulting in serious health, water
pollution and flooding problems.**

The **TUNNEL AND RESERVOIR PLAN** is the solution! Phase I of **"TARP"** is the pollution control portion. At street level, **TARP** starts out . . .



... hardly being noticed ...



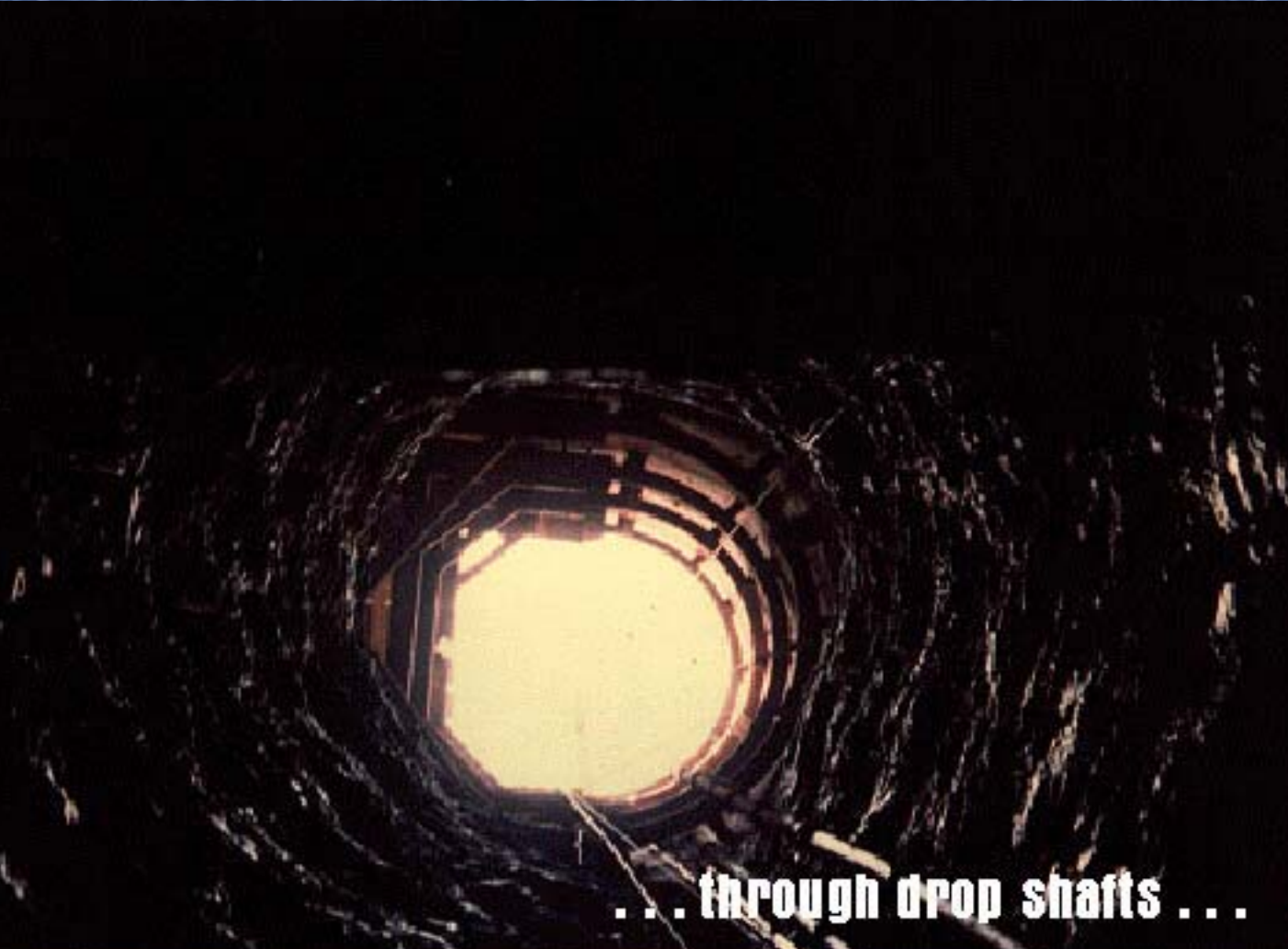
But underground it's another story!



Surface connections tie in . . .



... to upper level sewers ...

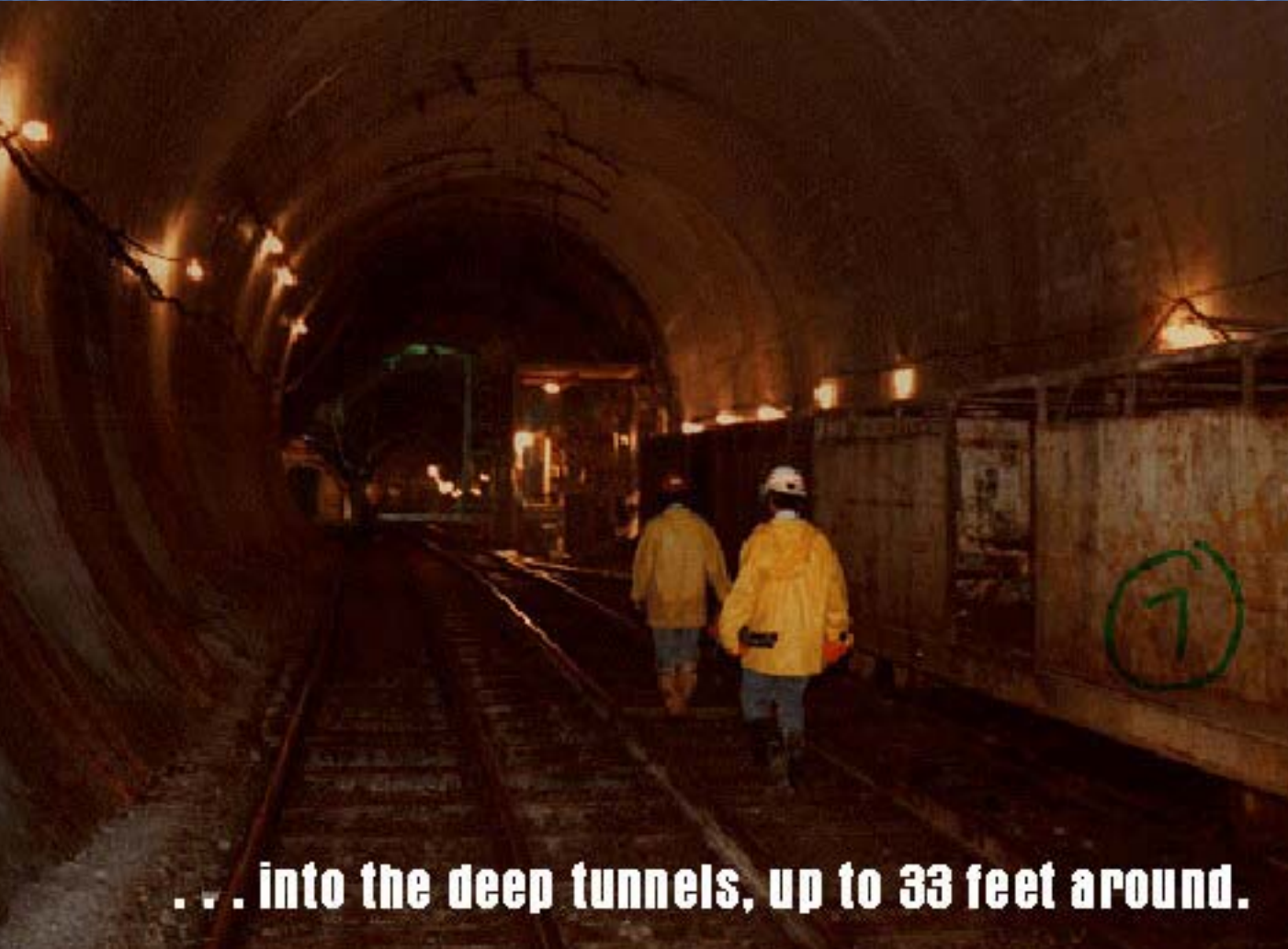


... through drop shafts ...



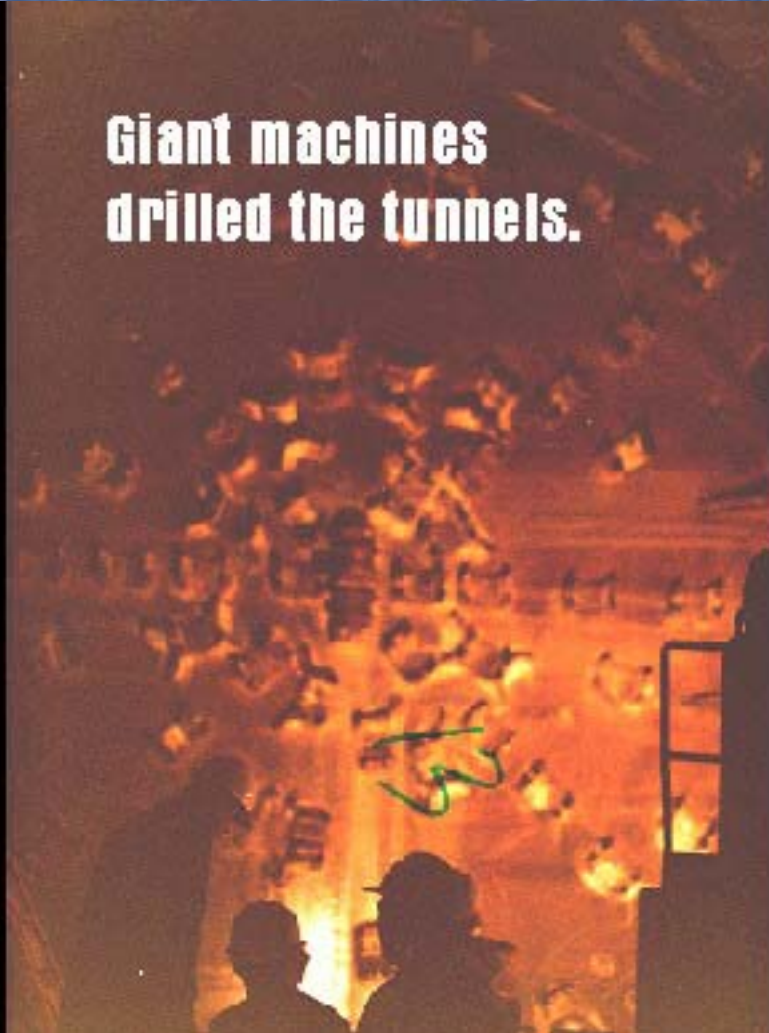
... which are up to 17 feet in diameter ...

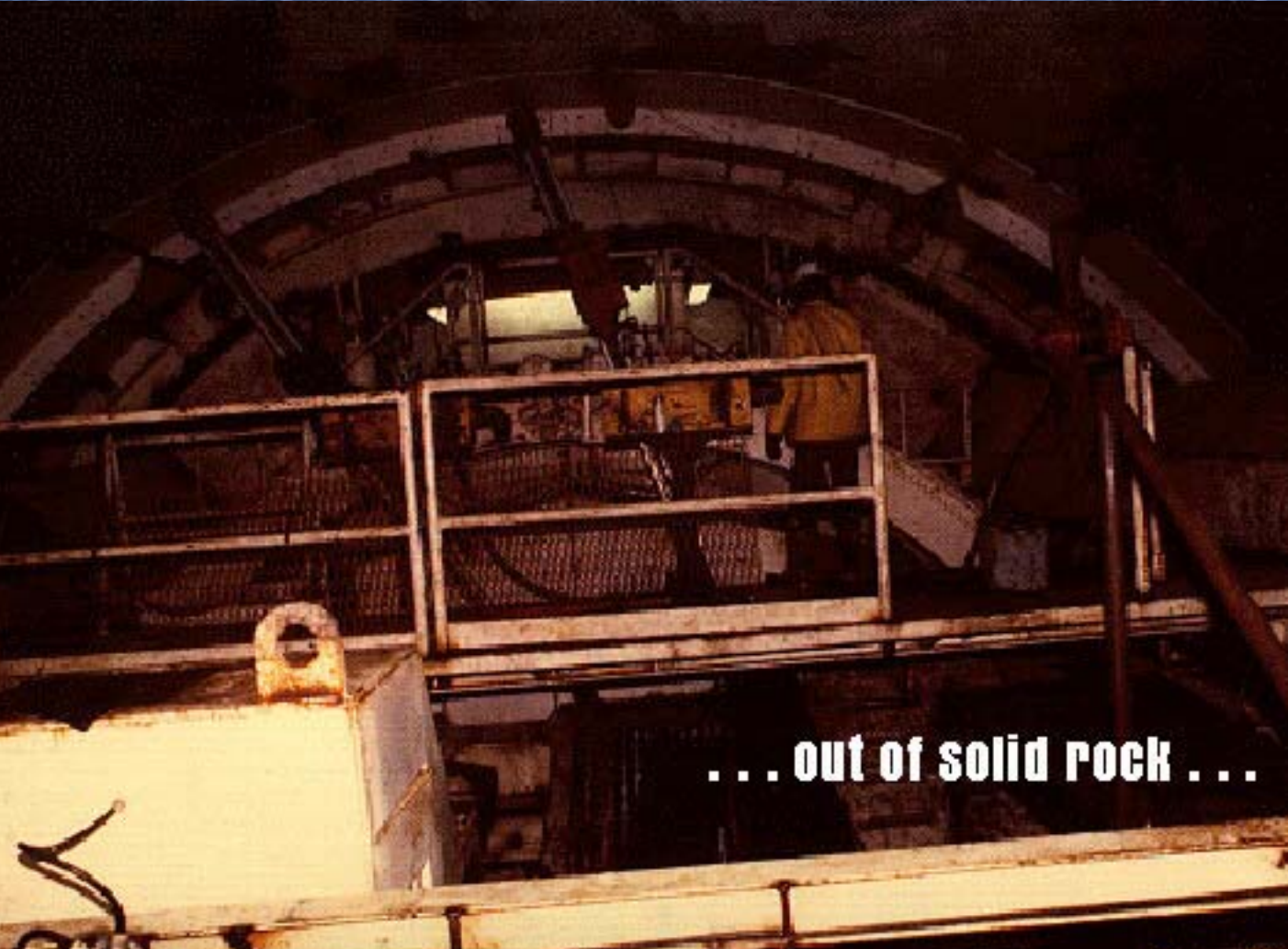
**The combined sewage and
rain water drops "300" feet.**



... into the deep tunnels, up to 33 feet around.

**Giant machines
drilled the tunnels.**

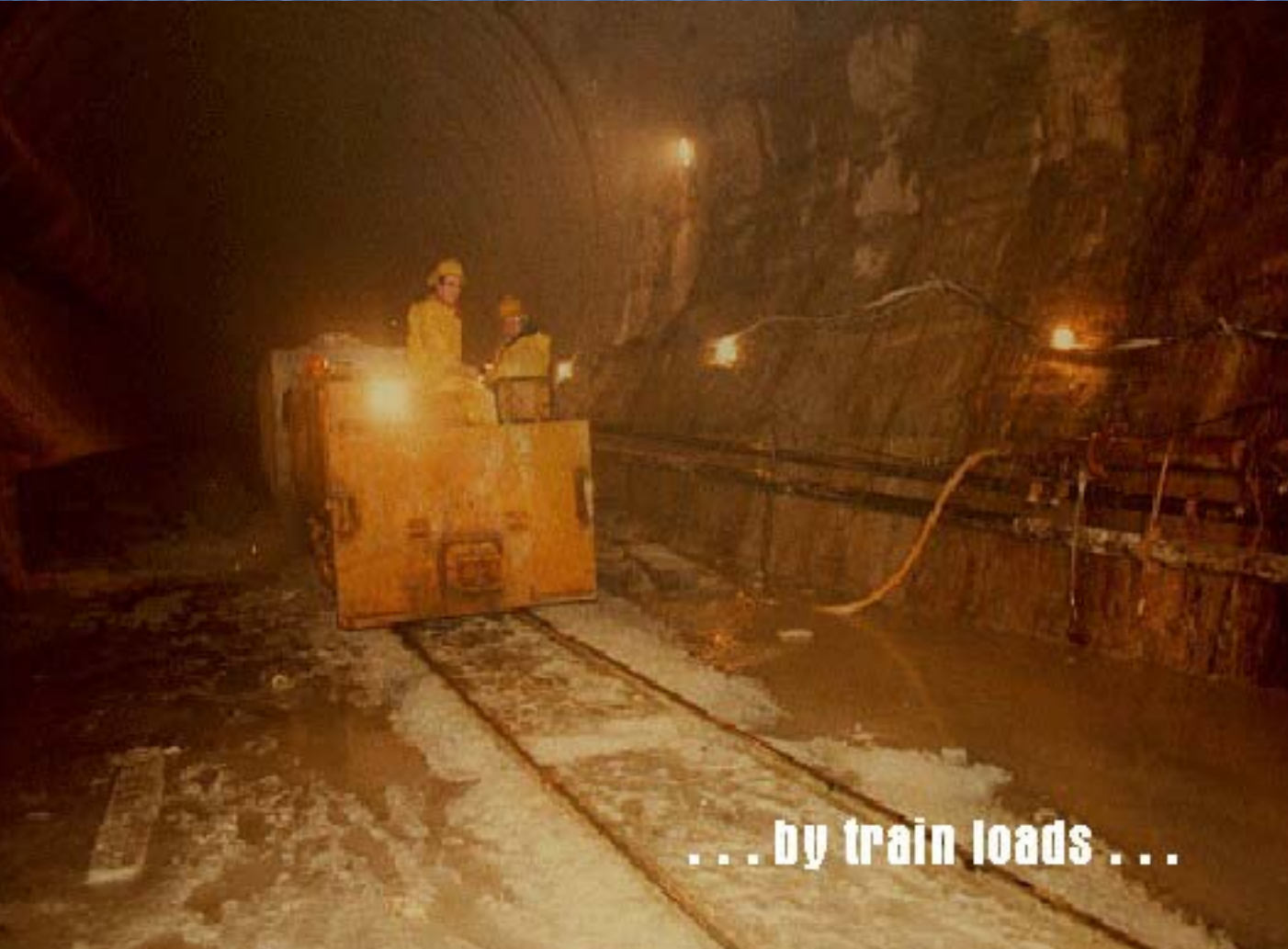




... out of solid rock ...



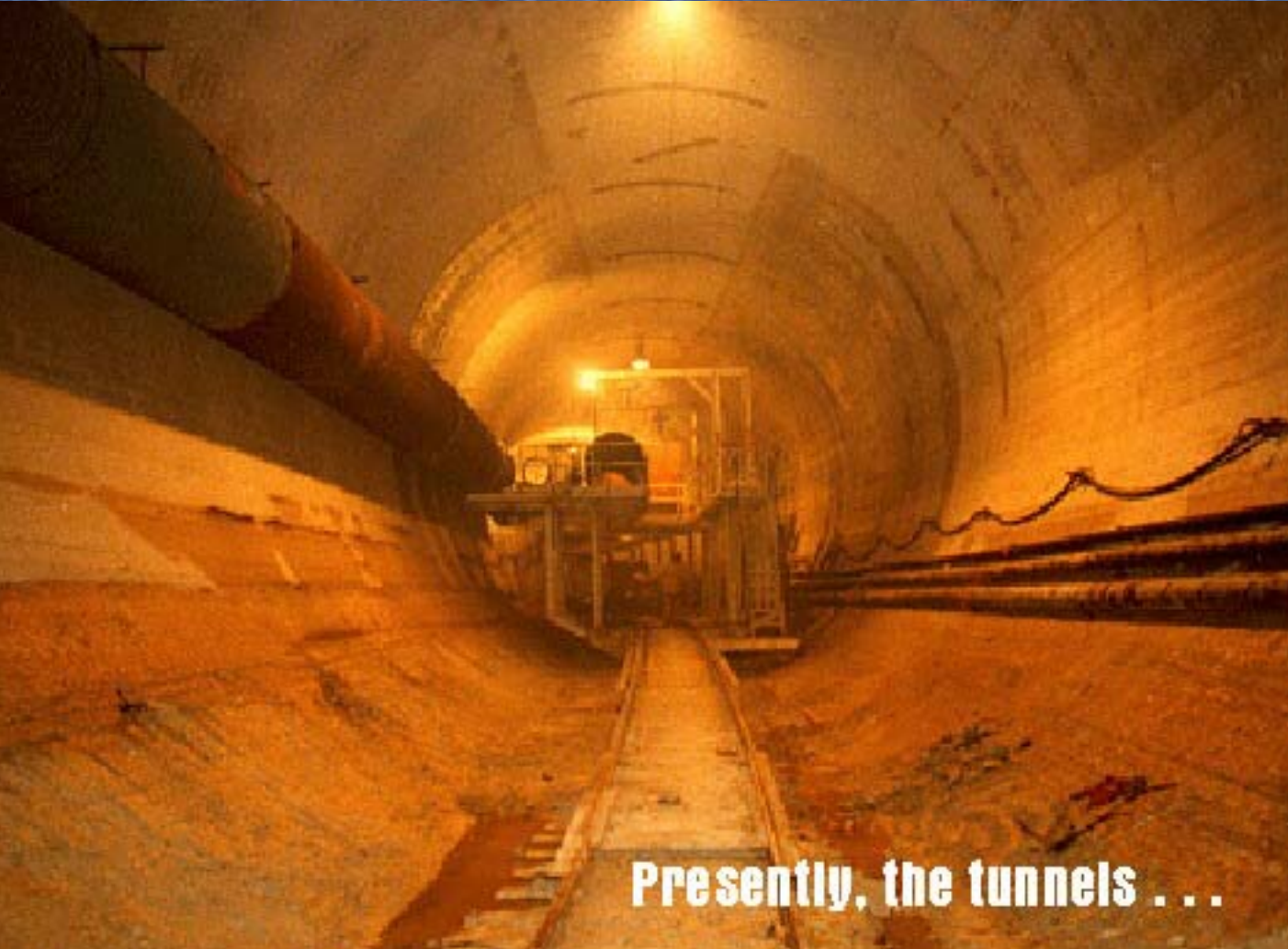
... and carry out the rock.



... by train loads ...



**... which
are lifted
out by
car loads.**



Presently, the tunnels . . .

... hold over 2 billion gallons of combined sewerage, reducing the pollution loads in the Chicago area rivers by 85%.

The **TUNNELS** tie in with with the rock quarries, or **RESERVOIRS** which will be necessary to further aid in flood control, and are Phase II of **TARP**.

To remove the waste water from the tunnels, huge pump stations were built 300 feet under ground.









... to pump the flows ...



... to treatment plants ...



... at the surface.

These waste water treatment plants also under went massive rebuilding in order to . . .



... protect our waters ...





... preserve the way of life ...



... and so we can enjoy our water ways.