

Crook Dam and Lake Crook

OWNER

City of Paris.

ENGINEER

John W. Cooke.

LOCATION

On Pine Creek in Lamar County, 5 miles north of Paris.

DRAINAGE AREA

52 square miles.

DAM

Type	Earthfill
Length	3,100 ft
Maximum height	38 ft
Top width	17 ft
Top elevation	484.0 ft above msl

SPILLWAY (emergency)

Location	Near center of dam
Type	Uncontrolled concrete weir
Crest length	300 ft
Crest elevation	476.0 ft above msl

OUTLET WORKS (water supply)

Type	Gated concrete structure
Discharge	Pipe through embankment to pump house below the dam

OUTLET (low flow)

Type	Pipe, 18-inch diameter
Invert elevation	456.8± ft above msl
Control	Valve on downstream end

STATE AUTHORIZATION

Permit No. 646 (Application No. 679), February 26, 1923, authorizes the construction of a dam to impound and use 12,000 acre-feet of water annually for municipal purposes.

RESERVOIR DATA (Based on 1956 U.S. Soil Conservation Service sediment survey)

Capacity	9,964 acre-feet at elevation 476.0 ft above msl
Area	1,226 acres at elevation 476.0 ft above msl
Capacity	6,884 acre-feet at elevation 473.0 ft above msl
Area	920 acres at elevation 473.0 ft above msl

GENERAL

Construction started	February 1922
Dam completed	1923
Deliberate impoundment	1923
General contractor	Denison and Burcher and McGuire and Cavander
Estimated cost of the dam	\$250,000

