

NORMAL POOL DAM NO. 52
EL. 301.7 (1929 GEN. ADJ.)

Twenty One Mile Light
and Daymark Mile 20.5
FL (2) R 5s TR (U), TR (D)

**KENTUCKY LOCK, DAM
AND HYDRO POWER PLANT,
MILE 22.4**

Lower lock gage reads 12.7 at normal pool
Upper lock gage reads 24.0 at normal pool

DANGER AREA
PROJECT POOL KENTUCKY LAKE EL. 359

TENNESSEE RIVER

Miles
0 0.25 0.5 1

1"=1/2 MILE

CHART NO. 4

- NOTE:
The prepared channel between Mile 20.0 and Kentucky Lock has a depth of 11 feet at Pool Elevation 299.0
- NOTE:
See opposite page for data pertaining to aerial crossings, docks, water intakes and data pertaining to Kentucky Lock. See back of page for clearance data pertaining to bridges 6, 7, 8 and 12.
- NOTE:
See back of page 4A for clearance data pertaining to bridge 4.

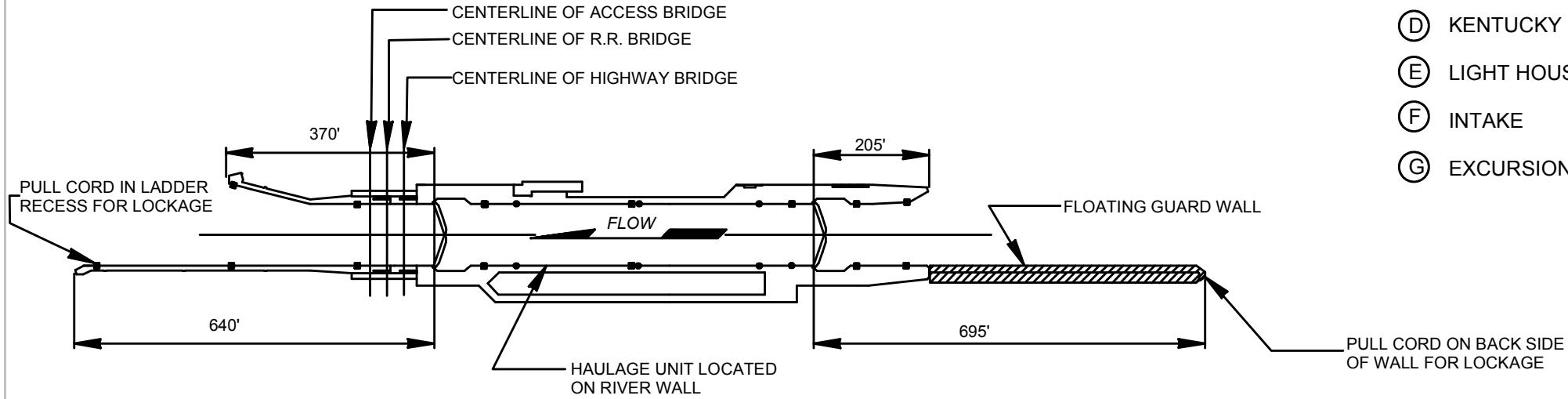
AERIAL POWER CROSSINGS

	①	②	③	⑤	⑨	⑩
ELEVATION LOW POINT OF SAG	430	425	429	409	447	395
VERTICAL CLEARANCE AT POOL STAGE	128'	123'	127'	107'	88'	93'
VERTICAL CLEARANCE AT REGULATED H. W.	93'	79'	83'	63'	72'	57'

AERIAL TELEPHONE CROSSINGS

	⑪
ELEVATION LOW POINT OF SAG	424
VERTICAL CLEARANCE AT POOL STAGE	65'
VERTICAL CLEARANCE AT REGULATED H. W.	49'

- ① ② ③ ⑤ ⑨ ⑩ AERIAL POWER CROSSING
- ④ KENTUCKY 453 HIGHWAY BRIDGE
- ⑥ P & L RAILROAD BRIDGE
- ⑦ KENTUCKY LOCK AND DAM HIGHWAY BRIDGE
- ⑧ RAILROAD BRIDGE (NOT IN USE)
- ⑪ AERIAL TELEPHONE CROSSING
- ⑫ I-24 HIGHWAY BRIDGE
- Ⓐ Ⓒ VULCAN MATERIALS
- Ⓓ KENTUCKY DAM SITE PARK AND DOCK
- Ⓔ LIGHT HOUSE LANDING
- Ⓕ INTAKE
- Ⓖ EXCURSION BOAT DOCK



LEGEND

- FLOATING MOORING BIT ●
- LADDER RECESS ■

KENTUCKY LOCK AND DAM
PLAN VIEW (NTS)

LOCK SIZE 600' X 110' (182.9m X 33.5m)

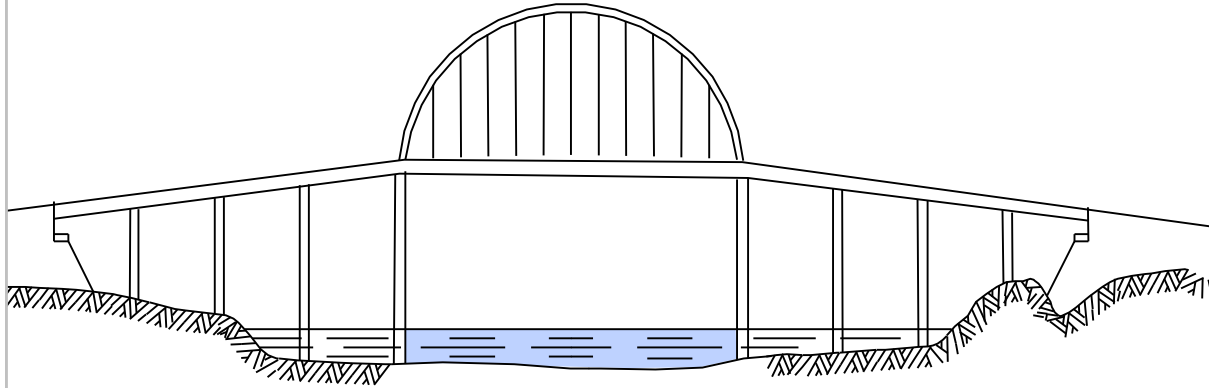
HOURS OF OPERATION

Lock will be operated 24 hours per day
 Telephone: (270) 362-4226
 Radio Station WUE 64, Maritime Channel 16 and 13
 PLEASE REFRAME FROM CONTACTING BY CELL PHONE

LOCK OUTAGE

LOCKING AT THIS LOCK WILL BE DISCONTINUED WHEN:
 TAILWATER GAGE REACHES 52.0 = ELEV. 341.0
 HEADWATER GAGE REACHES 39.0 = ELEV. 374.0

CHANNEL SPAN
MILE 21.1

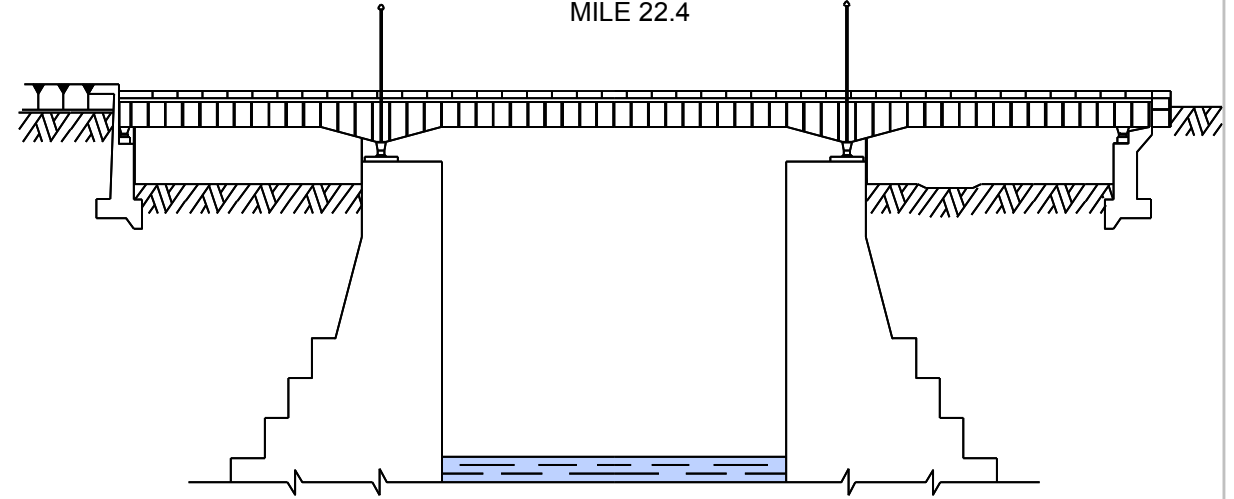


⑫

I-24 HIGHWAY BRIDGE
CHANNEL SPAN

ELEVATION OF LOW STEEL	389.0
VERTICAL CLEARANCE AT POOL STAGE	87.3'
VERTICAL CLEARANCE AT REGULATED H. W.	45.0'
HORIZONTAL CLEARANCE	500.0'

CHANNEL SPAN
MILE 22.4



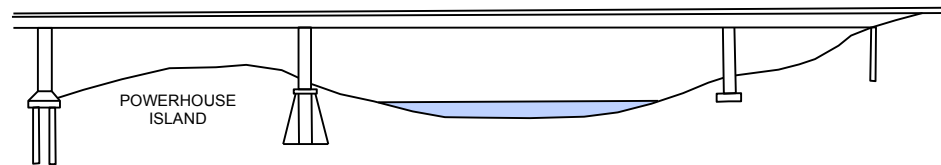
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RAILROAD BRIDGE & ACCESS BRIDGE
CHANNEL SPAN (NOT IN USE)

ELEVATION OF LOW STEEL	387.3
VERTICAL CLEARANCE AT POOL STAGE	85.6'
VERTICAL CLEARANCE AT REGULATED H. W.	43.3'
HORIZONTAL CLEARANCE	*110.0'

*Between Lock Walls

CHANNEL SPAN
MILE 22.1

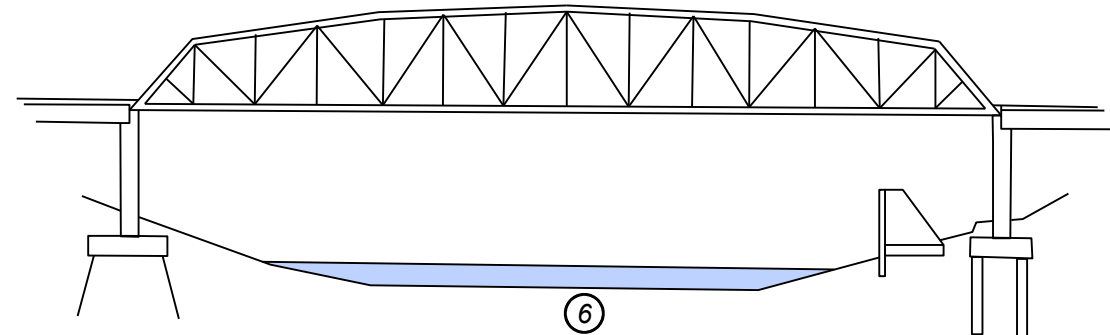


⑦

KENTUCKY LOCK AND DAM HIGHWAY BRIDGE
(HIGHWAY 62)
CHANNEL SPAN

ELEVATION OF LOW STEEL	386.5
VERTICAL CLEARANCE AT POOL STAGE	84.8'
VERTICAL CLEARANCE AT REGULATED H. W.	47.5'
HORIZONTAL CLEARANCE	387.0'

CHANNEL SPAN
MILE 22.1



⑥

P & L RAILWAY BRIDGE
CHANNEL SPAN

ELEVATION OF LOW STEEL	389.0
VERTICAL CLEARANCE AT POOL STAGE	87.0'
VERTICAL CLEARANCE AT REGULATED H. W.	45.2'
HORIZONTAL CLEARANCE	325.0'