

## G-69

This structure was named as L-29-1 with two culverts. Two additional culverts were added as part of the L-67 pilot test by the U.S. Army Corps of Engineers in 1995. The structure now is named as G-69. Control is effected by a sluice gate at each culvert.

### PURPOSE

The structure is operated to release water from WCA 3B into L-29.

### OPERATION

The structure will be operated as directed by the Corps of Engineers.

### DESCRIPTION OF STRUCTURE

#### Existing culvert

Type Corrugated metal pipe with upstream control  
Number of Barrels 2  
Size of Barrels 6 feet  
Length of Barrels 80 feet  
Flow line Elevation -1.0 feet  
Water Level which will by-pass structure 13 feet  
Control Discharge is controlled by a manually operated sluice gate  
Gate Size 6 feet x 6 feet  
Date of Acceptance into service \_\_\_\_\_

#### New culvert

Type Corrugated metal pipe with upstream control  
Number of Barrels 2  
Size of Barrels 6 feet  
Length of Barrels 80 feet  
Flow line Elevation -1.5 feet  
Water Level which will by-pass structure 13 feet  
Control Discharge is controlled by a manually operated sluice gate  
Gate Size 6 feet x 6 feet  
Date of Acceptance into Service 1995

# HYDRAULIC AND HYDROLOGIC MEASUREMENT

Upstream and downstream staff gauges