

STRUCTURE 39A

The structure is a triple-barrel, corrugated metal pipe culvert, located in the L-36 borrow canal at its junction with the Hillsboro Canal, and about 13 miles west of Boca Raton. Control is effected by flashboards mounted on a steel frame erected on the upstream or south end of the structure.

PURPOSE

This structure, together with S-38B, controls the seepage rate from Conservation Area 2A by regulating the water level in the north half of the Levee 36 borrow canal.

OPERATION

This structure is manually operated to regulate the north portion of the L-36 borrow canal, if needed. Normally, the structure is opened.

FLOOD DISCHARGE CHARACTERISTICS

	Design
Discharge Rate	<u> * </u> cfs
	<u> * </u> % of SPF
Headwater Elevation	<u> </u> feet
Tailwater Elevation	<u> -- </u> feet
Type Discharge	<u> -- </u>
* No design flow	

DESCRIPTION OF STRUCTURE

Type	<u>corrugated metal pipe culvert</u>
Number of barrels	<u> 3 </u>
Size of barrels	<u> 72" diameter </u>
Length of barrels	<u> 54" feet </u>
Flow line elevation	<u> +3.2 " ft </u>
Service bridge elevation	<u> </u>
Water level which will by-pass structure	<u> </u> feet

ACCESS: Structure located adjacent to SR 827

HYDRAULIC AND HYDROLOGIC MEASUREMENTS

Water Level upstream and downstream staff gauges only

Gate Position Recorder none

DEWATERING FACILITIES (per barrel) - None