

## STRUCTURE G-155

This structure is a concrete structure with fourteen bay flashboards on top of it, located at the northwest corner of Conservation Area 3A. Control is effected by flashboards.

### PURPOSE

The L-1/L-2/L-3/L-4 borrow canal terminates at this structure which, with G-88 and G-89, determines how flows in the borrow canal will be discharged. In dry season, this structure will prevent overdrainage in the borrow canal.

### OPERATION

The operation of this structure has changed due to the construction of STA-5, STA-6, G-404, and G-409. The structure will now stay open at a flow line elevation of 9.70.

### FLOOD DISCHARGE CHARACTERISTICS

	Design
Discharge Rate	<u>700</u> cfs
Headwater Elevation	<u>14.5</u> feet
Tailwater Elevation	<u>N/A</u>

### DESCRIPTION OF STRUCTURE

Type Reinforced concrete fixed weir with flash board control

Top of Concrete Sill 10.09

Service bridge elevation 16.79 feet

Water level which will bypass structure: 19 feet

Stop Logs:

Number of Bays: 14

Size: 4" X 4" X 68.75"

Reference point: Top of grating elevation 16.79 feet

**ACCESS:** Structure is located 6 miles west of S-8 via L-4.

**HYDRAULIC AND HYDROLOGIC MEASUREMENT**

Water Level Upstream and downstream staff gauge  
and digital recorders

Rain Gauge None