

STRUCTURE 24A

This structure is a double-barreled, corrugated metal pipe culvert located in L-31N about 3½ miles south of S-24. Control is effected by manually operated sluice gates mounted on the east end of the culvert.

PURPOSE

This structure allows drainage of the area east of L-31N.

OPERATION

This structure is not operational because the structure cannot function as designed. Gate control is disabled.

FLOOD DISCHARGE CHARACTERISTICS

	Design
Discharge Rate	<u>unknown</u> c.f.s* ____ %SPF
Headwater Elevation	<u>unknown</u> feet
Tailwater	<u>unknown</u> feet
Type Discharge	<u>unknown</u>

*Design flow not related to Standard Project Flood

DESCRIPTION OF STRUCTURE

Type:	<u>Corrugated metal pipe culverts with upstream control</u>
Number of Barrels:	<u>2</u>
Size of Barrels:	<u>54 inches</u>
Length of Barrels:	_____
Flow line elevation:	_____
Service bridge elevation:	_____

Gates

Number 2
Type Sluice gate mounted on upstream end of culvert
Size 54 inch diameter
Control manual
Lifting Mechanism pedestal mounted, manually operated hoist

Date of Transfer: October 15, 1952

ACCESS: from U.S. Highway 41 via access road on Levee 31N

HYDRAULIC AND HYDROLOGIC MEASUREMENTS

Water Level Upstream and downstream staff gauges only

Gate Position Recorder none

DEWATERING FACILITIES - none