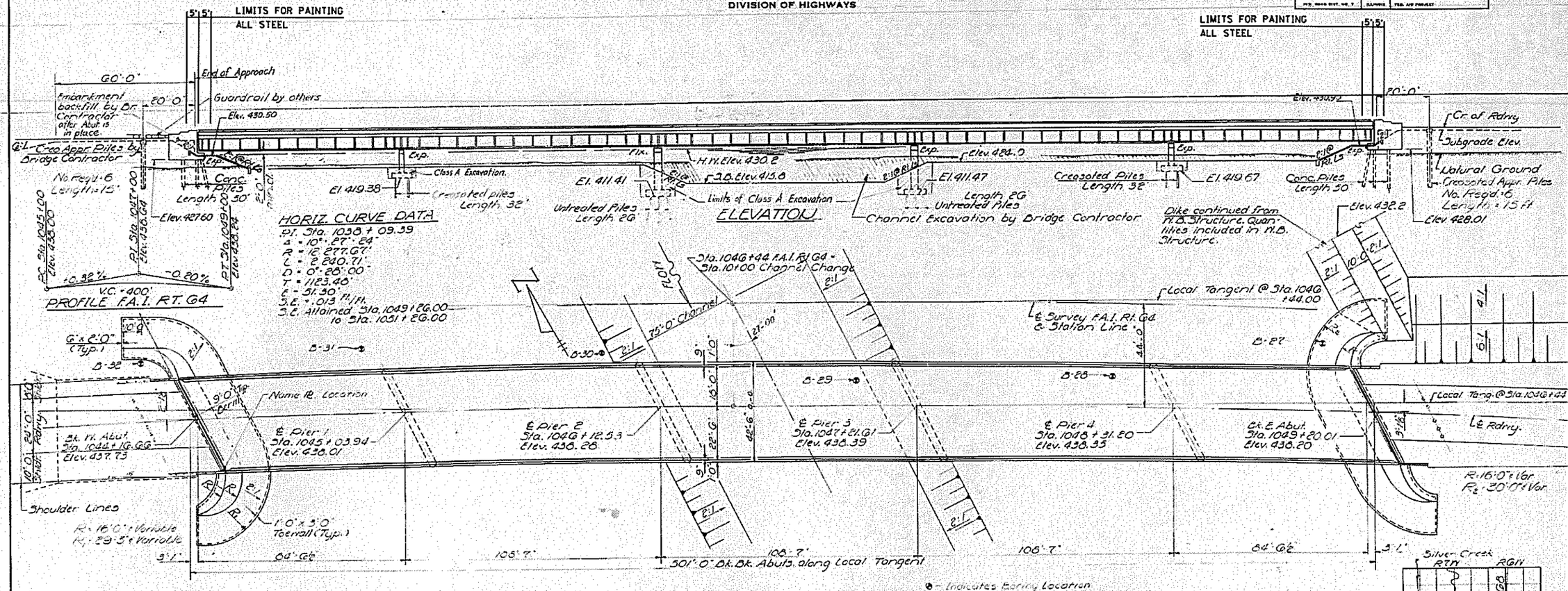
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-8B	ST. CLAIR	107	32

SHEET NO. 1
10 SHEETS



WATERWAY INFORMATION

Drainage Area (Total) 249,700 Acres
Character Rolling, Wooded & Cultivated
Required Opening (50 Yr. Flood):

Silver Creek	3240 Sq. Ft.
Little Silver Creek	2160 Sq. Ft.
Total Req'd. Opening	5400 Sq. Ft.
Present Opening	None
Proposed Opening:	
Silver Creek	3240 Sq. Ft.
Little Silver Creek	2160 Sq. Ft.
Total Prop. Opening	5400 Sq. Ft.
Ordinary Water Elev.	424.0
Low Water Elev.	421.0
Design Frequency Discharge:	
Silver Creek, Q50	25,000 c.f.s.
Combined flows, Q50	27,000 c.f.s.

DESIGN STRESSES

fc = 1200 p.s.i. (Deck Slab)
fs = 20000 p.s.i. (Reinf.)
fs = 20000 p.s.i. (Struct.)
Vc = 75 p.s.i. (Ftgs.)
n = 10
Allowable ℄ Defl. = L/1000 (Non Comp.)
fc = 1400 p.s.i. (Curbs, Parapets & Sub.)
LOADING HS20-44 & ALT.

DESIGNED	I. Kasper
CHECKED	RAO G.K.
DRAWN	
CHECKED	R.G.K.

EXAMINED March 19 1968
PASSED W.E. Baumann
APPROVED V.E. Staff

GENERAL PLAN & ELEVATION
PROJ. I-64-1(50)17
OVER SILVER CREEK
F.A.I. RT. 64 SEC. 82-8B(E.B.)
ST. CLAIR COUNTY
STA. 1046+44

Rev. 7/16/70 Rao G.K.

Rev. Shld 6-14-70

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE DETAILS STRUCTURE NO. 082-0187	F.A. RTE. 64	SECTION 82-8B-P	COUNTY ST CLAIR	TOTAL SHEETS 29	SHEET NO. 13
		DRAWN -	REVISED -					CONTRACT NO. 76G63		
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -		SCALE: N/A	SHEET NO. __ OF __ SHEETS	STA. ____ TO STA. ____	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
	PLOT DATE = $DATE$	DATE -	REVISED -							