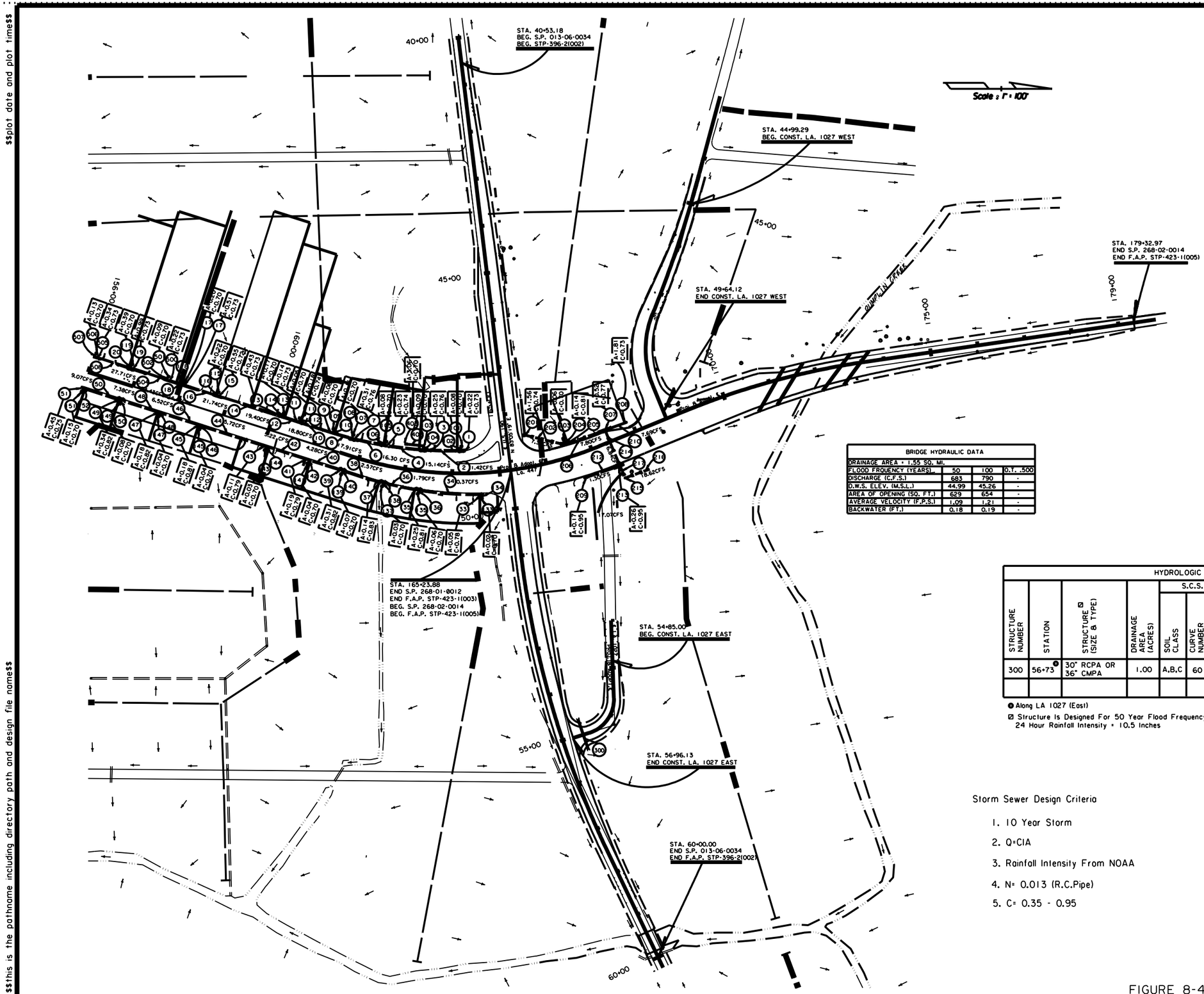
$$plot date and plot time$$



BRIDGE HYDRAULIC DATA			
DRAINAGE AREA = 1.55 SQ. MI.			
FLOOD FROUENCY (YEARS)	50	100	0.1 .500
DISCHARGE (C.F.S.)	683	790	-
D.W.S. ELEV. (M.S.L.)	44.99	45.26	-
AREA OF OPENING (SQ. FT.)	629	654	-
AVERAGE VELOCITY (F.P.S.)	1.09	1.21	-
BACKWATER (FT.)	0.18	0.19	-

PH & RESISTIVITY TABLE

STATION	PH	RESISTIVITY
159+74	6.3	2,100
160+00	6.1	6,500
42+00 Δ	7.9	4,500
45+00 Δ	7.9	3,900
52+00 Δ	8.2	3,700
55+00 Δ	8.4	1,300
55+50 O	7.9	4,400
45+00 Ø	8.1	2,800
47+00 Ø	7.8	4,500

Δ STA. ALONG U.S. 190
O STA. ALONG LA. 1027 EAST
Ø STA. ALONG LA. 1027 WEST

HYDROLOGIC SUMMARY TABLE

STRUCTURE NUMBER	STATION	STRUCTURE (SIZE & TYPE) Ø	DRAINAGE AREA (ACRES)	S.C.S. METHOD				DESIGN DISCHARGE (C.F.S.)	TAILWATER ELEVATION	HEADWATER ELEVATION	DIFFERENTIAL HEAD (FT.)	OUTLET VELOCITY (F.P.S.)
				SOIL CLASS	CURVE NUMBER	AVERAGE WATERSHED SLOPE (%)	HYDRAULIC LENGTH (FT.)					
300	56+73 ❶	30" RCPA OR 36" CMPA	1.00	A,B,C	60	0.50	600	2.86	41.80	42.18	0.38	3.51

❶ Along LA 1027 (East)
Ø Structure Is Designed For 50 Year Flood Frequency.
24 Hour Rainfall Intensity = 10.5 Inches

Storm Sewer Design Criteria

1. 10 Year Storm
2. Q=CIA
3. Rainfall Intensity From NOAA
4. N= 0.013 (R.C.Pipe)
5. C= 0.35 - 0.95

STATE OF LOUISIANA
HAROON R. ABDOH
REG. NO. 26304
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
Haroon Abdoh
10/17/97

FIGURE 8-44: DESIGN DRAINAGE MAP (URBAN)

SHEET NUMBER 45

PARISH	FEDERAL PROJECT	STATE PROJECT
LIVINGSTON	STP-423-1(003) STP-423-1(005)	268-01-0012 268-02-0014

DESIGNED	H. ABDOH
CHECKED	S. PERAULT
DETAILED	T. LAM
CHECKED	H. ABDOH
DATE	JUNE 1995
SHEET	DRAIN1.DGN

NO.	DATE	REVISION DESCRIPTION	BY

DESIGN DRAINAGE MAP

ROAD DESIGN

$$this is the pathname including directory path and design file name$$