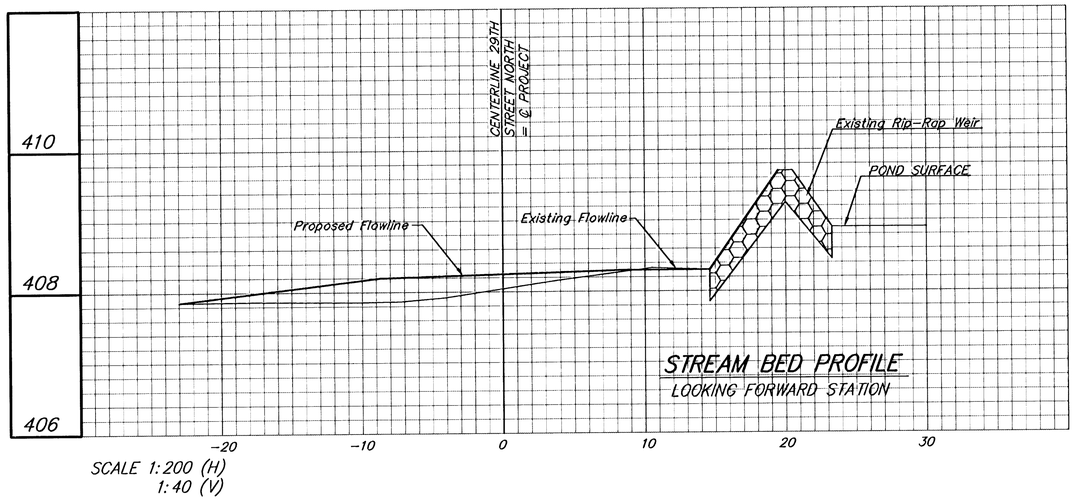
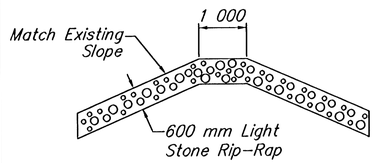
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87-N-0078-01	1997	9	33

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED

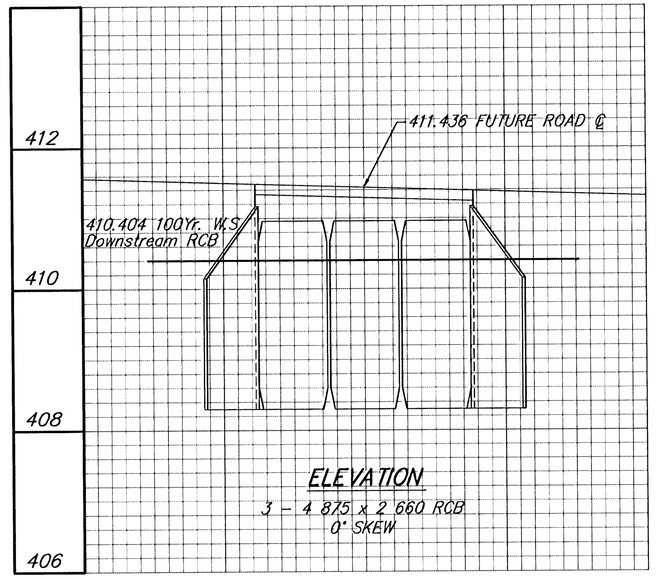


STREAM BED PROFILE
LOOKING FORWARD STATION

SCALE 1:200 (H)
1:40 (V)



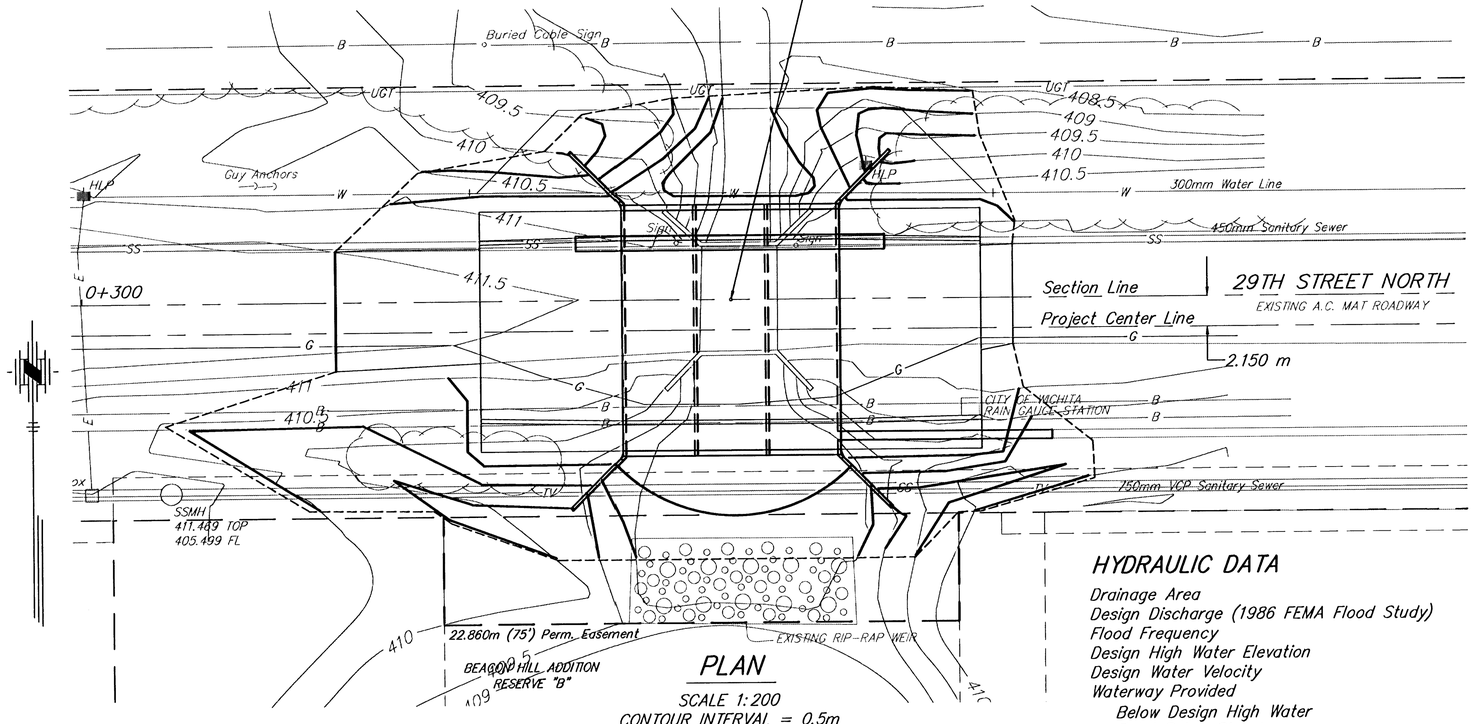
RIP-RAP DETAIL



ELEVATION
3 - 4.875 x 2.660 RCB
0° SKEW

SCALE 1:200 (H)
1:40 (V)

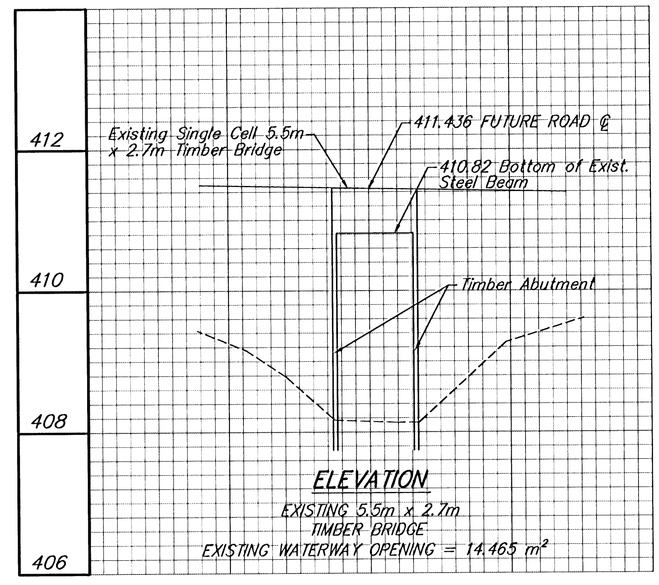
Station 0+346.000 Construct Bridge
3 - 4.875 X 2.660m RFB
0° Skew; See Sheet 11.



PLAN
SCALE 1:200
CONTOUR INTERVAL = 0.5m

HYDRAULIC DATA

Drainage Area	349.65 Hectares
Design Discharge (1986 FEMA Flood Study)	64.845 Cubic Meters/Sec
Flood Frequency	100 Year
Design High Water Elevation	410.404
Design Water Velocity	1.825 m/sec
Waterway Provided	
Below Design High Water	33.989 Square Meters
Total Below Structure	41.243 Square Meters



ELEVATION
EXISTING 5.5m x 2.7m
TIMBER BRIDGE
EXISTING WATERWAY OPENING = 14.465 m²

SCALE 1:200 (H)
1:40 (V)

CONTOUR MAP SHEET
29TH STREET BRIDGE

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER 472-82414

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SHB JOB
KWL	CMB/KWL		Jan. 24, 1997		95E

SHEET CONTENTS	SHEETS
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