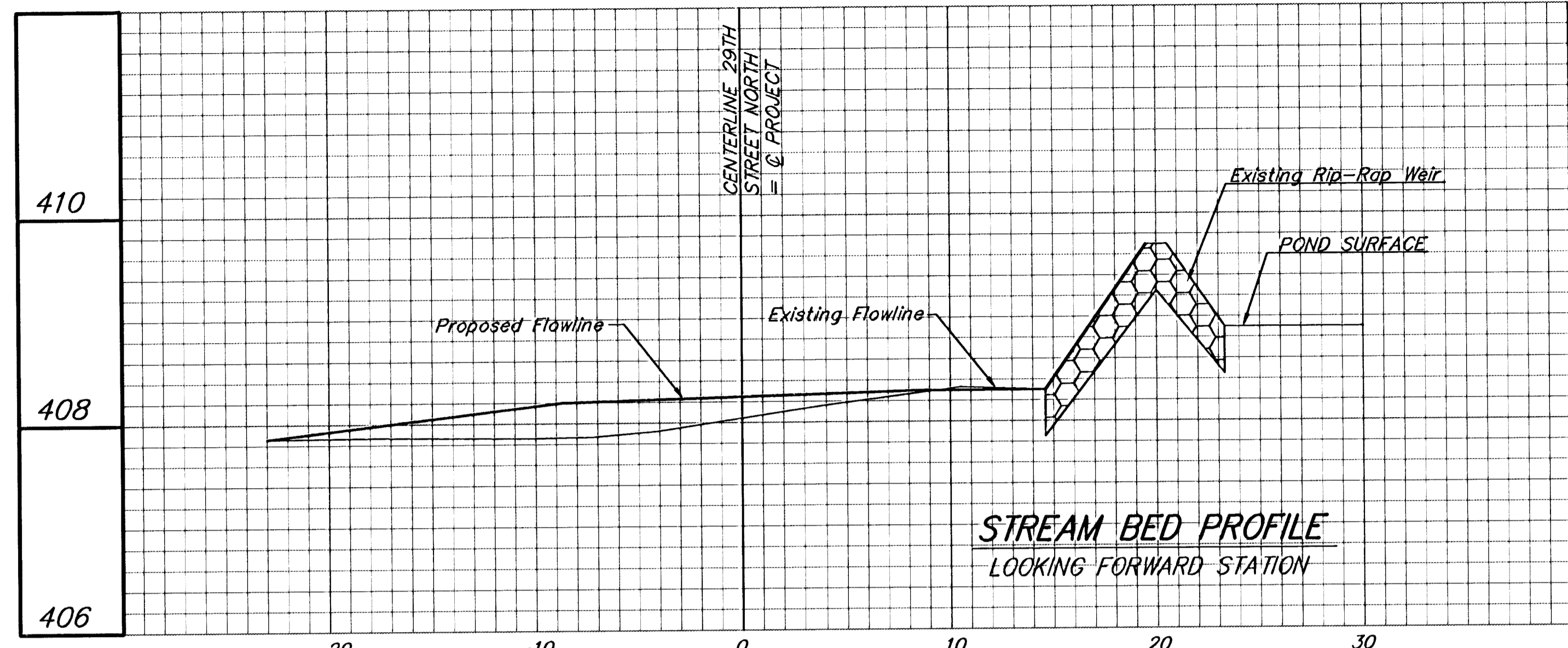
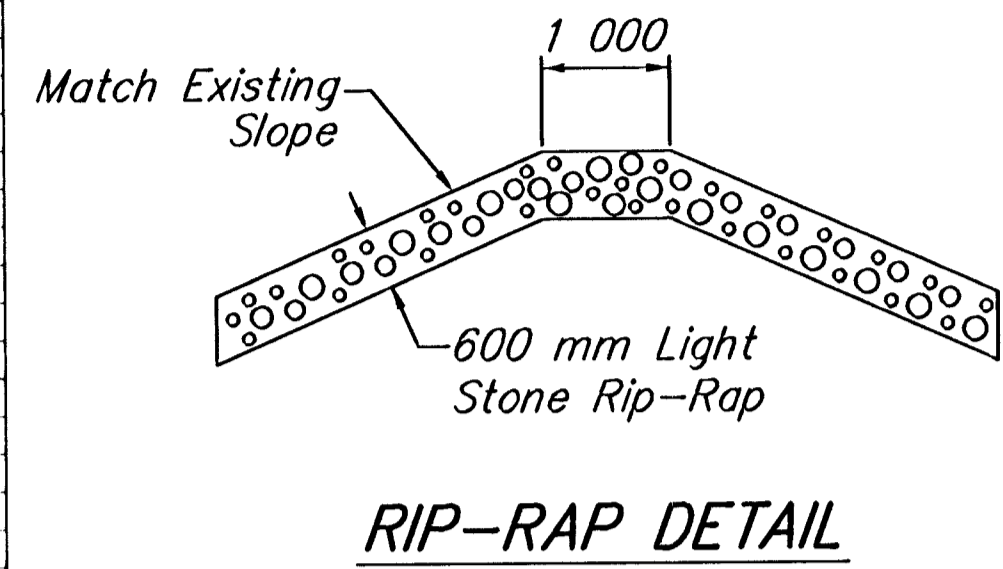


FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87-N-0078-01	1997	9	33

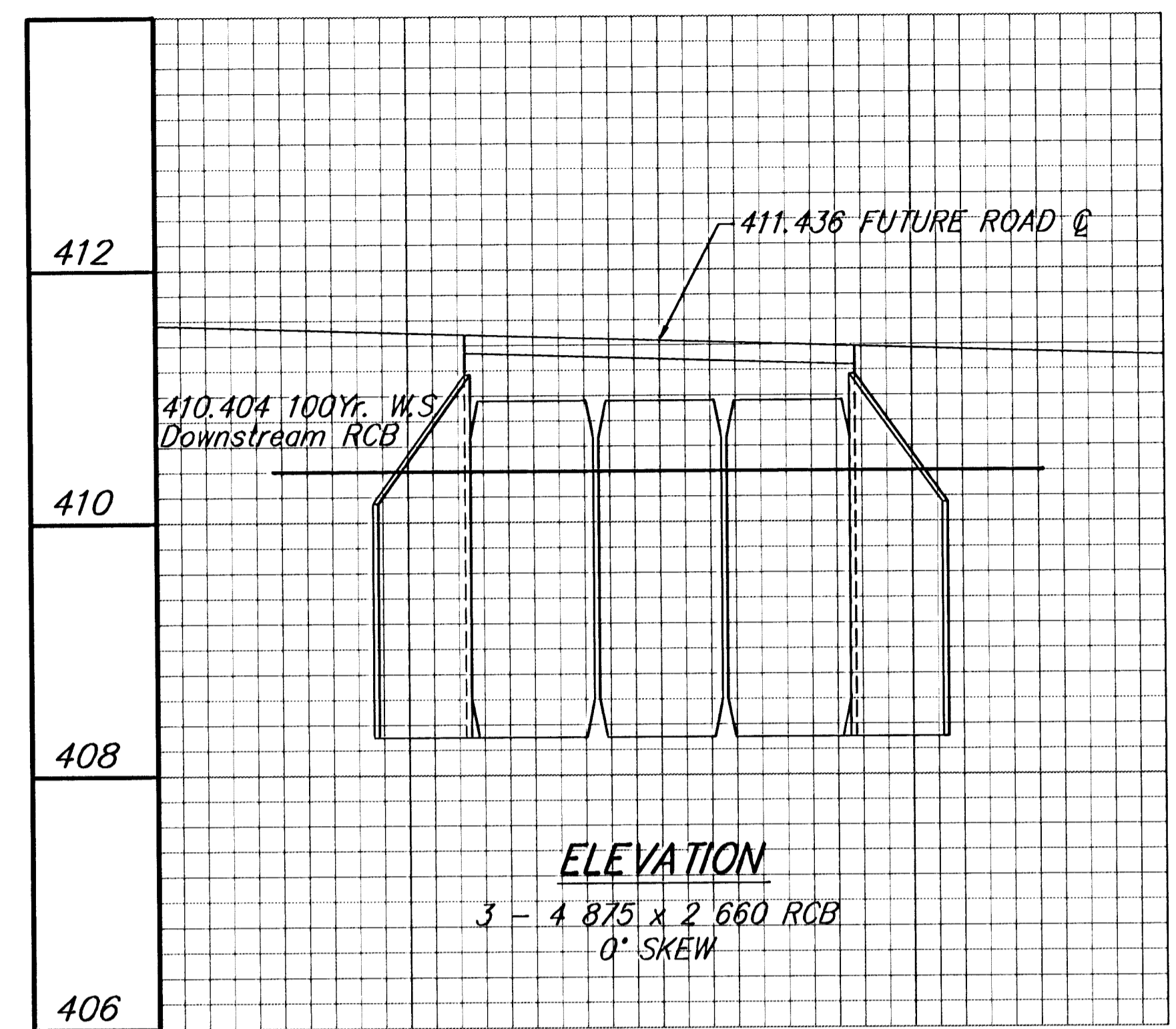
BY	DATE



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

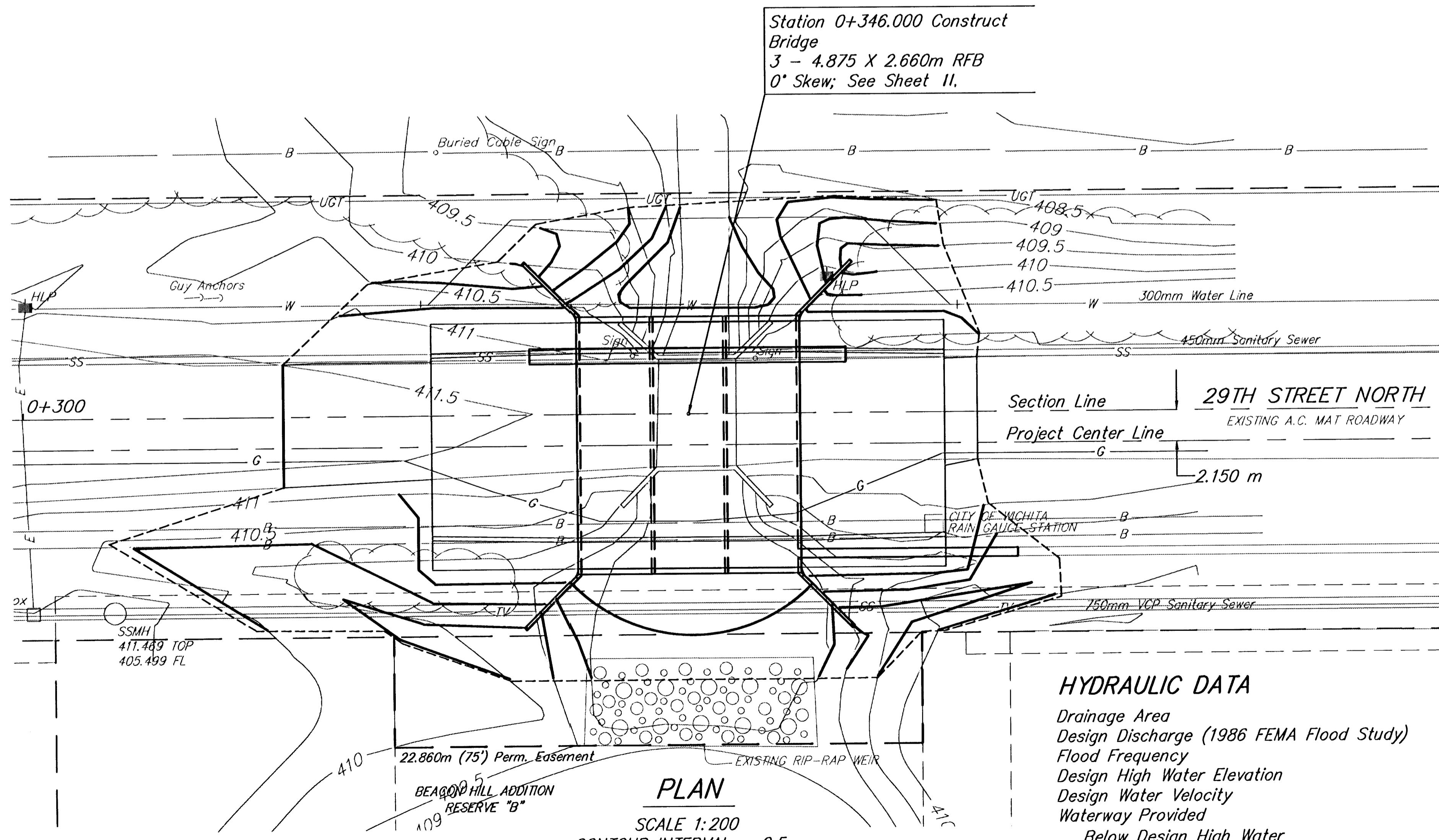


RIP-RAP DETAIL



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

ELEVATION

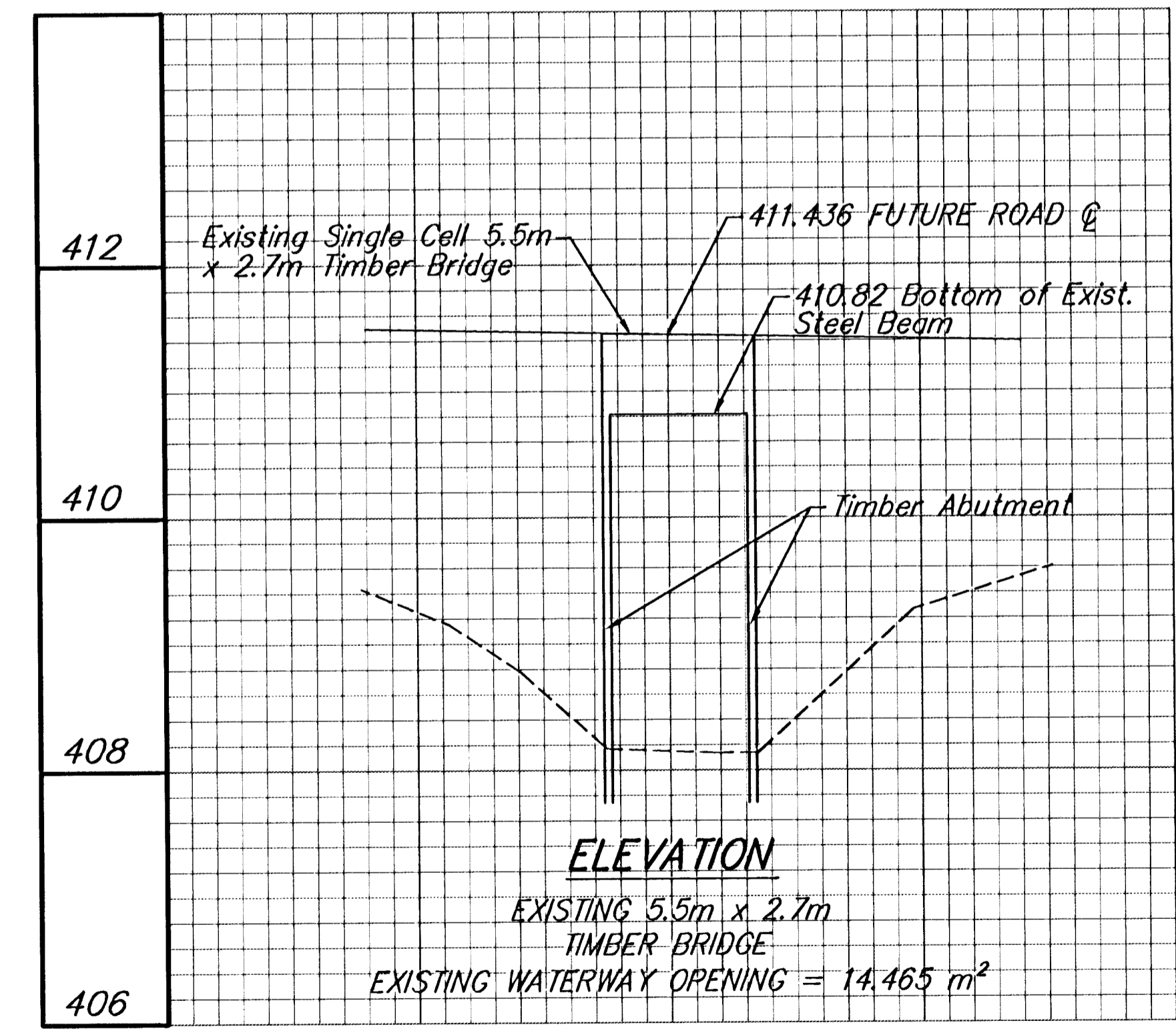


PLAN

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 33.989 Square Meters
 Below Design High Water 41.243 Square Meters
 Total Below Structure



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

ELEVATION

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

**CONTOUR MAP SHEET
29TH STREET BRIDGE**

SRB		924 NORTH MAIN WICHITA, KANSAS 67203	316-264-8008 FAX 264-4821
SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING			
PROJECT NUMBER 472-82414			
DRAWN KWL	DESIGN CMB/KWL	REVIEW JAN 24, 1997	UTILITY CMB JCB 95E

SHEET NO. 9
TOTAL SHEETS 33