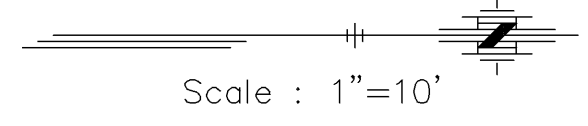


Note: The thermal movement at the abutments is 0.37".
 W = 2" (Type C only)

Note: For piling layout see "Bridge Geology" sheet.



DRAINAGE DATA

DRAINAGE AREA = 19.0 SQ. MI.
 OBSERVED H.W. ELEV. 1283.3

FLOOD	Q-CFS	V-FPS	ELEVATION
10 YEAR	6,750	7.6	1281.3
50 YEAR	10,360	8.6	1284.6
100 YEAR	12,000	9.1	1285.7

DESIGN WATERWAY PROVIDED (BELOW ELEV. 1285.7) = 1,725 SQ. FT.
 TOTAL WATERWAY PROVIDED = 2,175 SQ. FT.
 DESIGN FREQUENCY = 100 YEAR

PROJECT NO. 87 N-0359-01

CONSTRUCTION LAYOUT

HILLSIDE ST. BRIDGE OVER GYPSUM CREEK

STA. 35+05.75 CITY OF WICHITA

CFS
 Cook, Flatt & Strobel
 ENGINEERS, P.A.

DESIGNED	RSC	SCALE
DETAILED	DEG	DATE
QUANTITIES	SHEET	OF

J:\2004PROJ\04559\DWGS\CL 1"=10'