

DITCH LEGEND

LEFT DITCH - - - - -

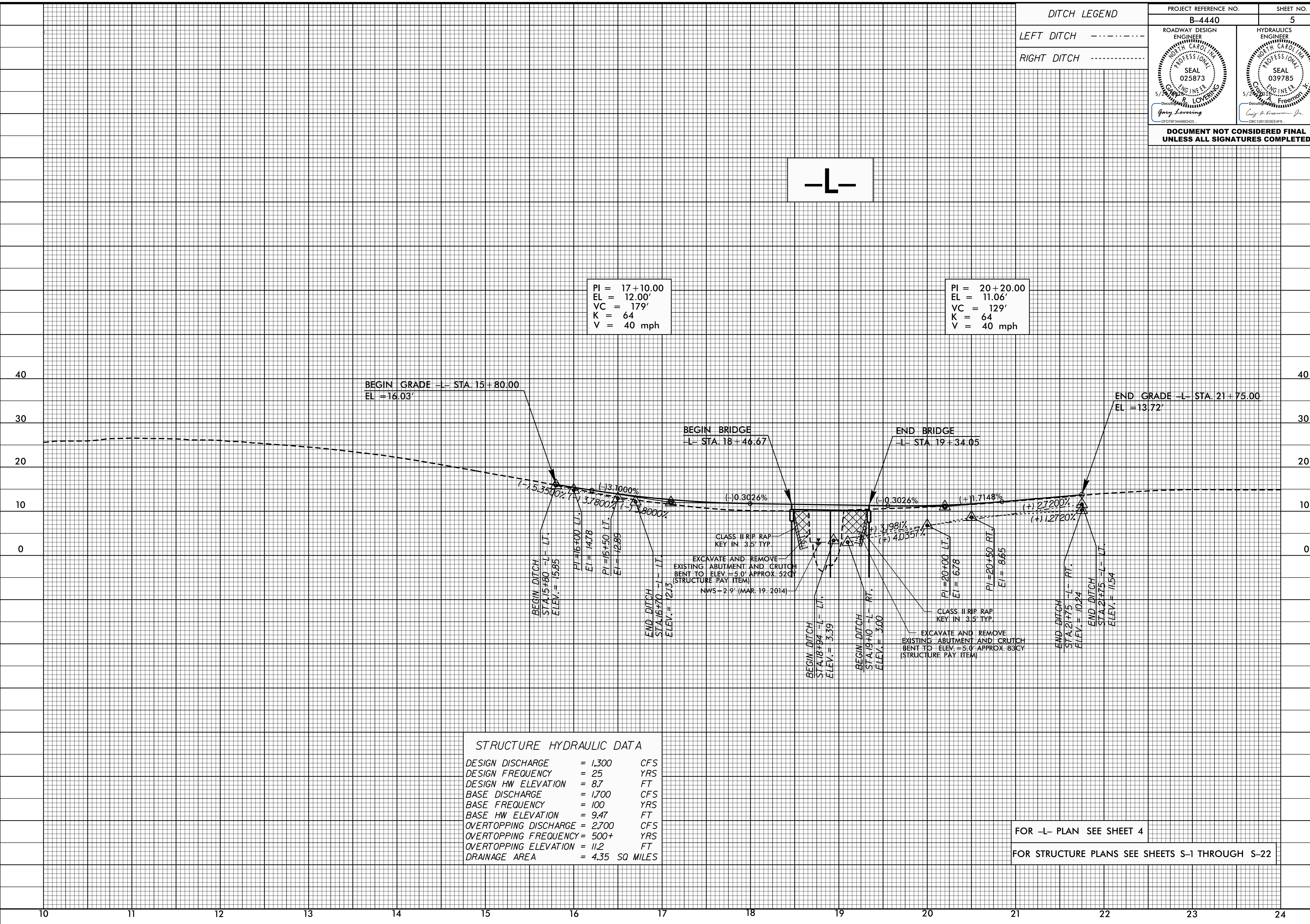
RIGHT DITCH - - - - -

PROJECT REFERENCE NO. B-4440	SHEET NO. 5
ROADWAY DESIGN ENGINEER GARY LOVERING SEAL 025873 5/20/16	HYDRAULICS ENGINEER GARY FREEMAN JR. SEAL 039785 5/20/16

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PI = 17+10.00
EL = 12.00'
VC = 179'
K = 64
V = 40 mph

PI = 20+20.00
EL = 11.06'
VC = 129'
K = 64
V = 40 mph



STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 1,300	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 8.7	FT
BASE DISCHARGE	= 1,700	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 9.47	FT
OVERTOPPING DISCHARGE	= 2,700	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 11.2	FT
DRAINAGE AREA	= 4.35	SQ MILES

FOR -L- PLAN SEE SHEET 4

FOR STRUCTURE PLANS SEE SHEETS S-1 THROUGH S-22