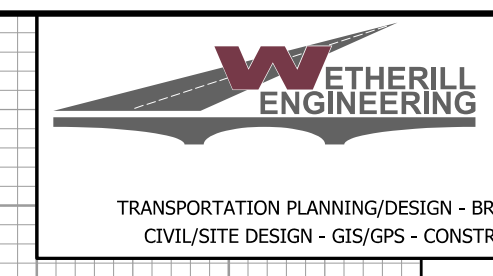


5/28/99



1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

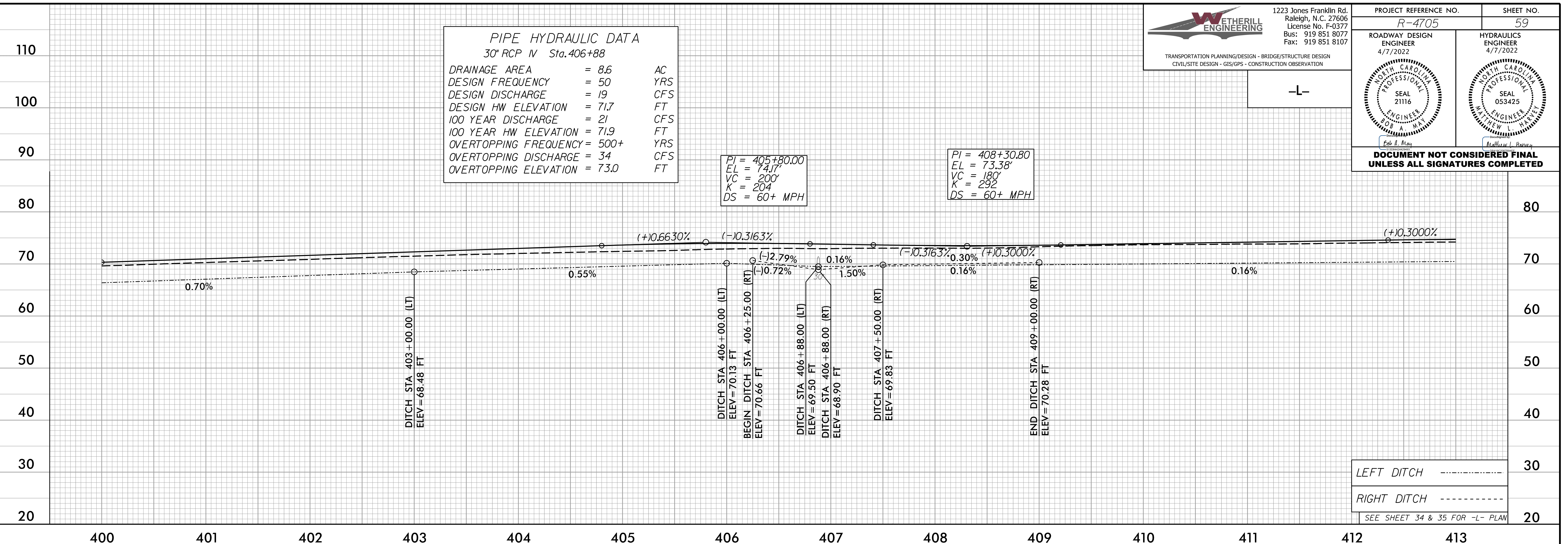
PROJECT REFERENCE NO. R-4705	SHEET NO. 59
ROADWAY DESIGN ENGINEER 4/7/2022	HYDRAULICS ENGINEER 4/7/2022
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PIPE HYDRAULIC DATA
30" RCP N Sta. 406+88

DRAINAGE AREA	= 8.6	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 19	CFS
DESIGN HW ELEVATION	= 71.7	FT
100 YEAR DISCHARGE	= 21	CFS
100 YEAR HW ELEVATION	= 71.9	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 34	CFS
OVERTOPPING ELEVATION	= 73.0	FT

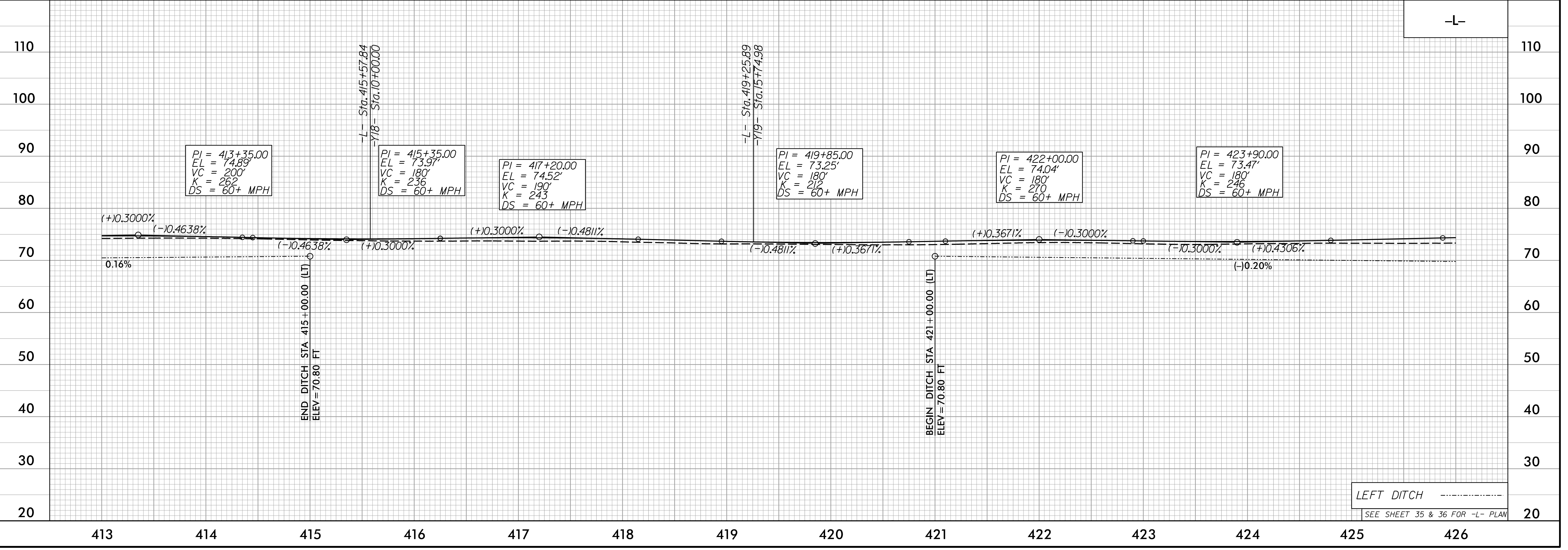
PI = 405+80.00
EL = 74.17'
VC = 200'
K = 204
DS = 60+ MPH

PI = 408+30.80
EL = 73.38'
VC = 180'
K = 292
DS = 60+ MPH



LEFT DITCH -----
RIGHT DITCH -----
SEE SHEET 34 & 35 FOR -L- PLAN

3/7/2022 11:58:59 AM R:\4705_Rdy_psh_59_PFL.dgn



LEFT DITCH -----
SEE SHEET 35 & 36 FOR -L- PLAN