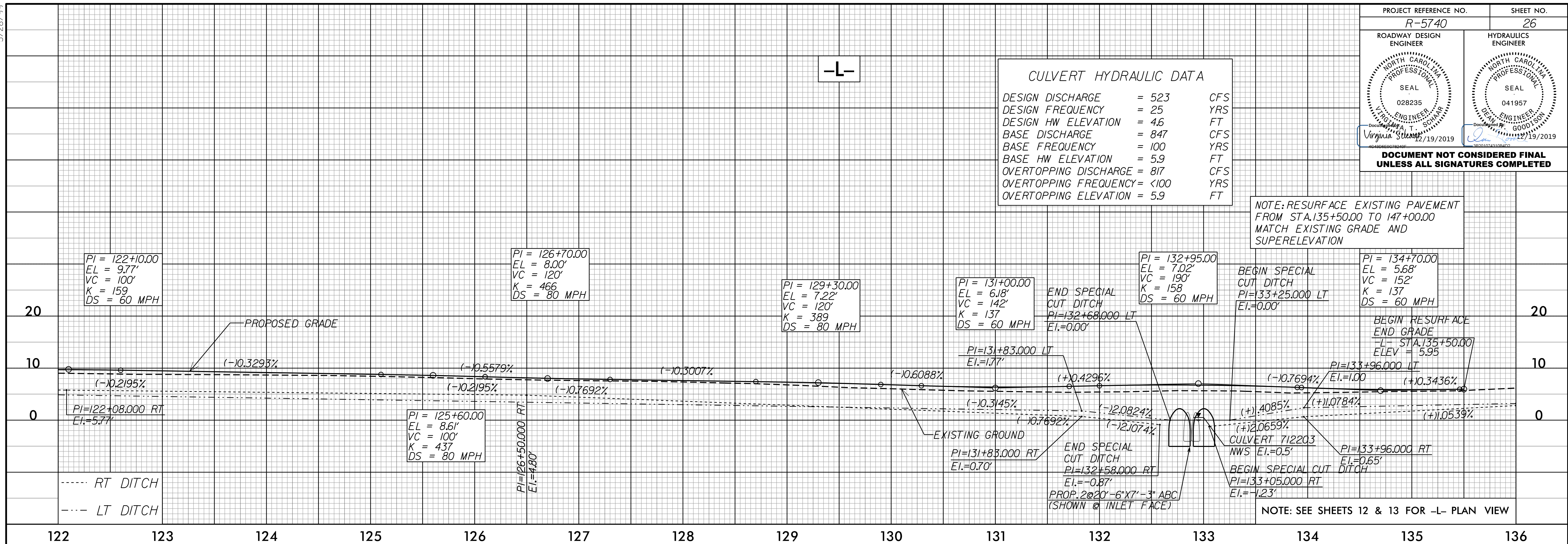


5/26/99

PROJECT REFERENCE NO. R-5740	SHEET NO. 26
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER

CULVERT HYDRAULIC DATA		
DESIGN DISCHARGE	= 523	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 4.6	FT
BASE DISCHARGE	= 847	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 5.9	FT
OVERTOPPING DISCHARGE	= 817	CFS
OVERTOPPING FREQUENCY	= <100	YRS
OVERTOPPING ELEVATION	= 5.9	FT

NOTE: RESURFACE EXISTING PAVEMENT FROM STA.135+50.00 TO 147+00.00 MATCH EXISTING GRADE AND SUPERELEVATION



PI = 122+10.00
EL = 9.77'
VC = 100'
K = 159
DS = 60 MPH

PI = 126+70.00
EL = 8.00'
VC = 120'
K = 466
DS = 80 MPH

PI = 129+30.00
EL = 7.22'
VC = 120'
K = 389
DS = 80 MPH

PI = 131+00.00
EL = 6.18'
VC = 142'
K = 137
DS = 60 MPH

PI = 132+95.00
EL = 7.02'
VC = 190'
K = 158
DS = 60 MPH

PI = 134+70.00
EL = 5.68'
VC = 152'
K = 137
DS = 60 MPH

PI=122+08.000 RT
EI=5.77'

PI = 125+60.00
EL = 8.61'
VC = 100'
K = 437
DS = 80 MPH

PI=126+50.000 RT
EI=4.80'

PI=131+83.000 LT
EI=1.77'

PI=131+83.000 RT
EI=0.70'

END SPECIAL CUT DITCH
PI=132+58.000 RT
EI=-0.87'

PROP. 20'x20'-6"x7'-3" ABC (SHOWN @ INLET FACE)

BEGIN SPECIAL CUT DITCH
PI=133+25.000 LT
EI=0.00'

CULVERT 712203
NWS EI=0.5'

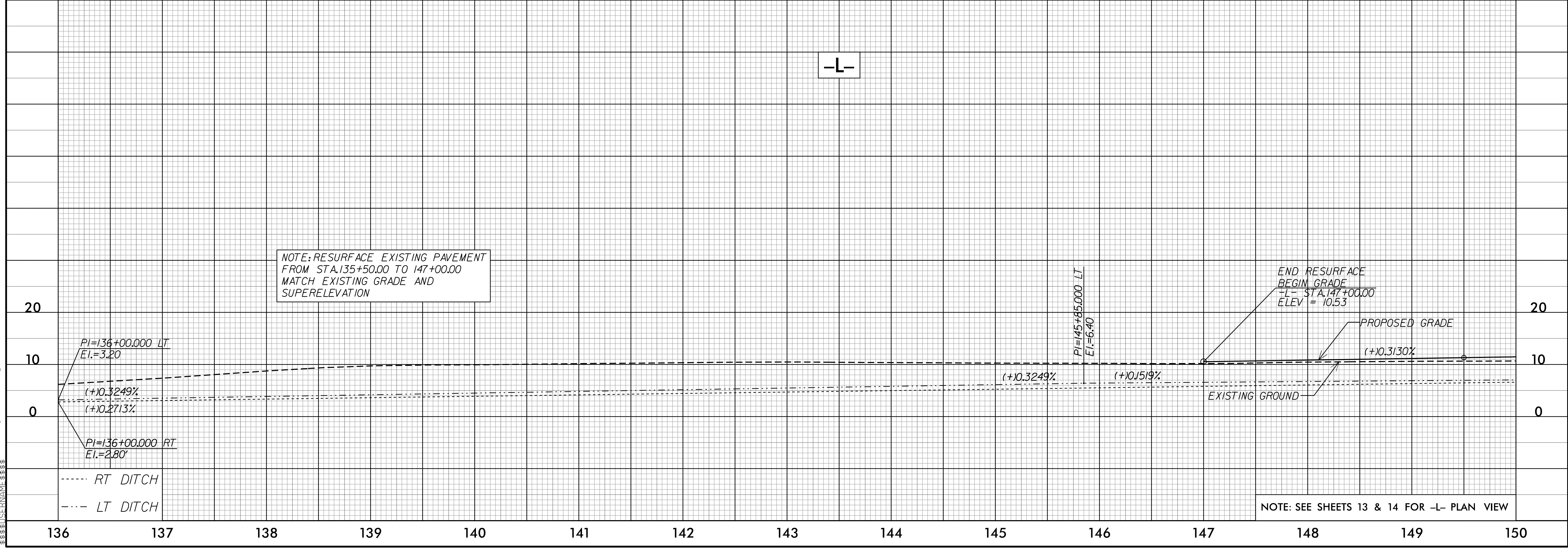
BEGIN SPECIAL CUT DITCH
PI=133+05.000 RT
EI=-1.23'

BEGIN RESURFACE END GRADE
-L- STA.135+50.00
ELEV = 5.95

PI=133+96.000 RT
EI=0.65'

NOTE: SEE SHEETS 12 & 13 FOR -L- PLAN VIEW

17 DEC 2019 11:50 AM R5740_rdy_pf1_PSH.dgn



NOTE: RESURFACE EXISTING PAVEMENT FROM STA.135+50.00 TO 147+00.00 MATCH EXISTING GRADE AND SUPERELEVATION

PI=136+00.000 LT
EI=3.20'

PI=136+00.000 RT
EI=2.80'

PI=145+85.000 LT
EI=6.40'

END RESURFACE BEGIN GRADE
-L- STA.147+00.00
ELEV = 10.53

NOTE: SEE SHEETS 13 & 14 FOR -L- PLAN VIEW