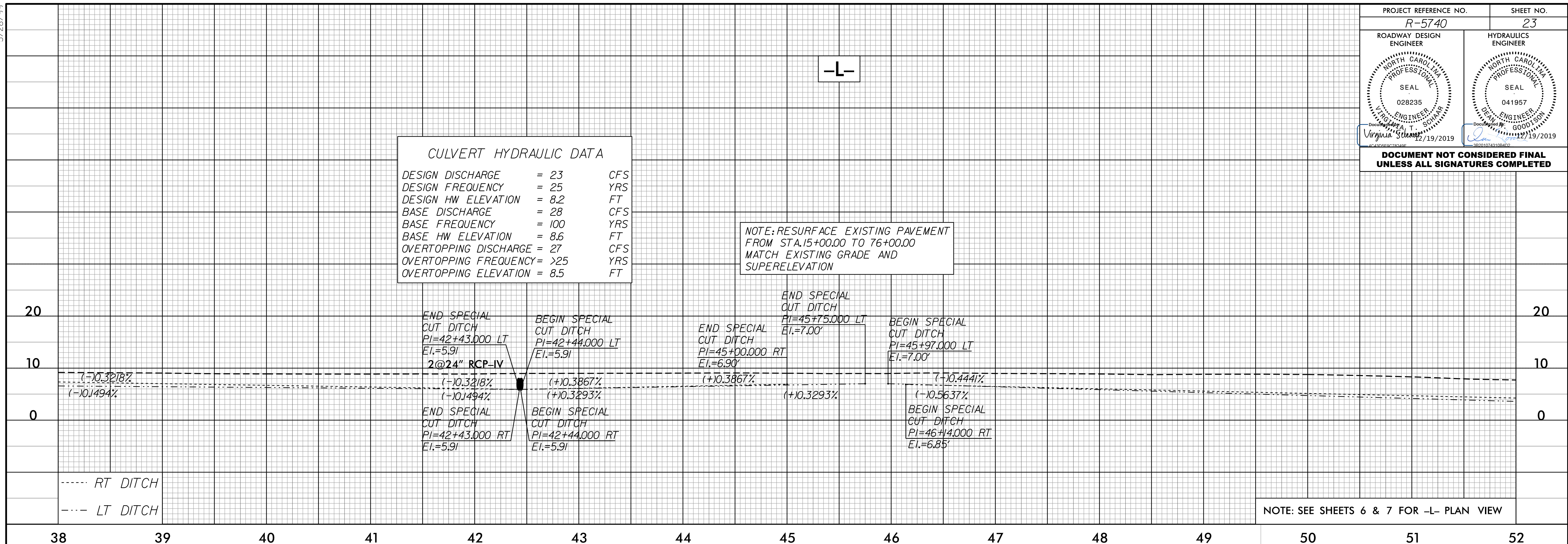


5/26/99

PROJECT REFERENCE NO. R-5740	SHEET NO. 23
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

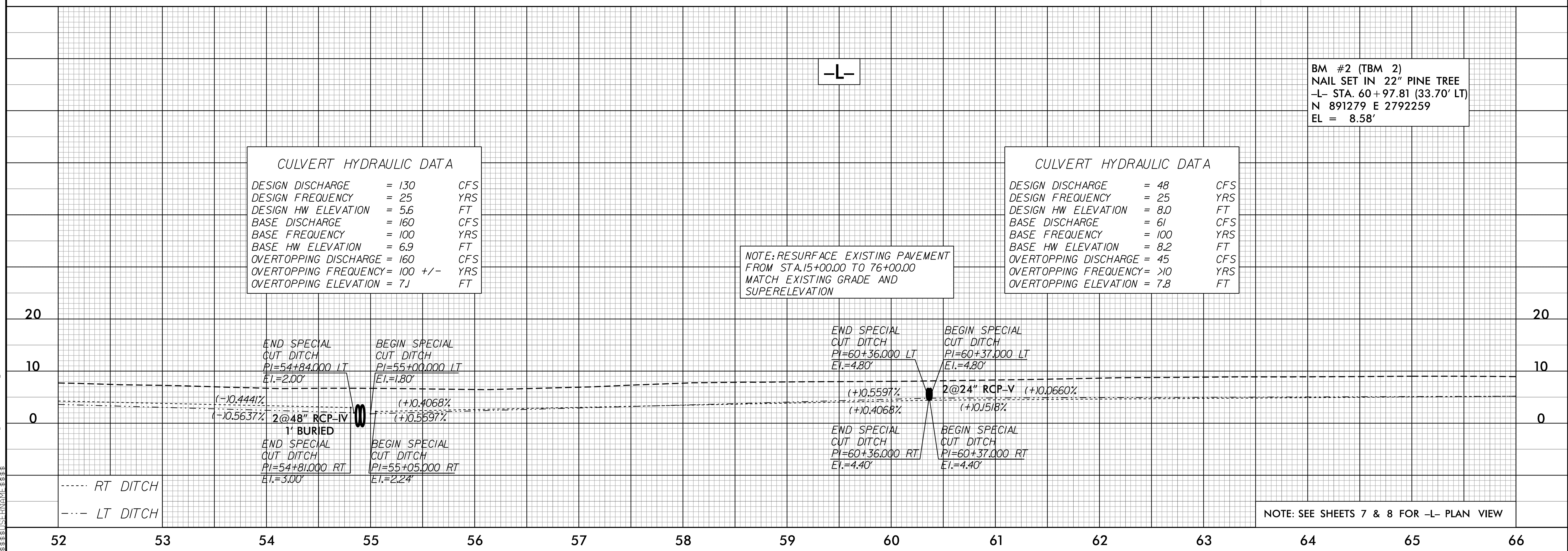


CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 23	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 8.2	FT
BASE DISCHARGE	= 28	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 8.6	FT
OVERTOPPING DISCHARGE	= 27	CFS
OVERTOPPING FREQUENCY	= >25	YRS
OVERTOPPING ELEVATION	= 8.5	FT

NOTE: RESURFACE EXISTING PAVEMENT
FROM STA.15+00.00 TO 76+00.00
MATCH EXISTING GRADE AND
SUPERELEVATION

NOTE: SEE SHEETS 6 & 7 FOR -L- PLAN VIEW



CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 130	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 5.6	FT
BASE DISCHARGE	= 160	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 6.9	FT
OVERTOPPING DISCHARGE	= 160	CFS
OVERTOPPING FREQUENCY	= 100 +/-	YRS
OVERTOPPING ELEVATION	= 7J	FT

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 48	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 8.0	FT
BASE DISCHARGE	= 61	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 8.2	FT
OVERTOPPING DISCHARGE	= 45	CFS
OVERTOPPING FREQUENCY	= >10	YRS
OVERTOPPING ELEVATION	= 7.8	FT

NOTE: RESURFACE EXISTING PAVEMENT
FROM STA.15+00.00 TO 76+00.00
MATCH EXISTING GRADE AND
SUPERELEVATION

BM #2 (TBM 2)
NAIL SET IN 22" PINE TREE
-L- STA. 60+97.81 (33.70' LT)
N 891279 E 2792259
EL = 8.58'

NOTE: SEE SHEETS 7 & 8 FOR -L- PLAN VIEW

17 DEC 2019 11:50 AM R5740_rdy_pfl_PSH.dgn