

5/14/99

PROJECT REFERENCE NO. B-4248	SHEET NO. 5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-DRIVE-

BEGIN GRADE
-DRIVE- STA. 10+11.50
EL= 127.54

PI = 10+78.00
EL = 125.98'
K = 40
VC = 75'

END GRADE
-DRIVE- STA. 11+17.00
EL= 124.47

BM #80 RR SPIKE IN BASE OF 8" GUM TREE
TO -L- STA. 11+50.00 IS S 82° 09' 06" E
DISTANCE 429.95' ELEV.=120.66'
N 304920.91 E 1887138.98

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 2700 CFS
DESIGN FREQUENCY	= 25 YRS
DESIGN HW ELEVATION	= 121.51 FT
BASE DISCHARGE	= 3800 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 122.87 FT
OVERTOPPING DISCHARGE	= 5500 CFS
OVERTOPPING FREQUENCY	= 500 YRS
OVERTOPPING ELEVATION	= 124.47 FT

-L-

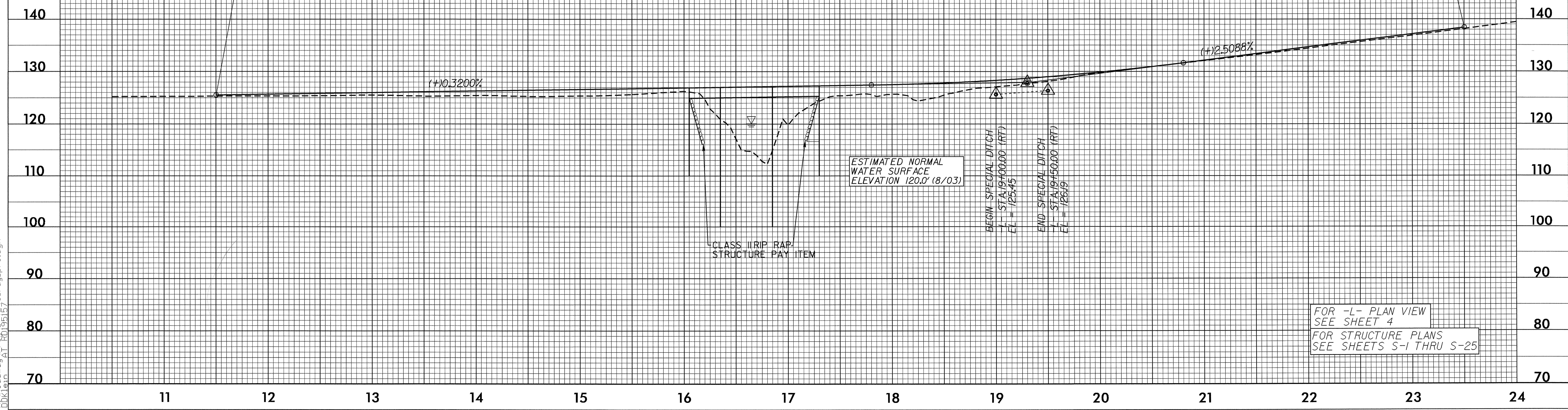
BM #81 RR SPIKE IN BASE OF 12" PINE TREE
53.25' RIGHT OF -L- LINE STA. 23+58.77
ELEV. 140.63'

PI = 19+30.00
EL = 128.02'
K = 137
VC = 300'

END GRADE
-L- STA. 23+50.00
EL= 138.56

BEGIN GRADE
-L- STA. 11+50.00
EL= 125.53

PROPOSED 2" CORED
SLAB BRIDGE
1 SPAN @ 30'
1 SPAN @ 50'
1 SPAN @ 45'
SKEW = 90°
CL -L- STA. 16+67.50



ESTIMATED NORMAL
WATER SURFACE
ELEVATION 120.0' (8/03)

CLASS II RIP RAP
STRUCTURE PAY ITEM

BEGIN SPECIAL DITCH
-L- STA. 19+00.00 (RT)
EL = 125.45

END SPECIAL DITCH
-L- STA. 19+50.00 (RT)
EL = 126.19

FOR -L- PLAN VIEW
SEE SHEET 4
FOR STRUCTURE PLANS
SEE SHEETS S-1 THRU S-25

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