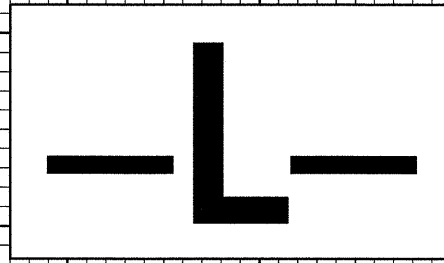


**BEGIN GRADE**  
-L- STA. 15+00.00  
EL = 762.59

**STRUCTURE HYDRAULIC DATA**

DESIGN DISCHARGE =5400 CFS  
DESIGN FREQUENCY =50 YRS  
DESIGN HW ELEVATION =760.52 FT  
BASE DISCHARGE =6530 CFS  
BASE FREQUENCY =100 YRS  
BASE HW ELEVATION =761.54 FT  
OVERTOPPING DISCHARGE =5665 CFS  
OVERTOPPING FREQUENCY =50+ YRS  
OVERTOPPING ELEVATION =761.1 FT



**BEGIN BRIDGE -L-**  
STA. 20+43.00

**BM**  
R/R SPIKE IN BASE OF 18" OAK  
ON SOUTH SIDE OF SR 1525  
252.67' RIGHT OF -L- STA. 13+44.56  
EL = 765.83

**END GRADE**  
-L- STA. 24+00.00  
EL = 772.83

PI = 16+39.91  
EL = 760.53'  
VC = 250'  
K = 116

**21" CORED SLAB BRIDGE**  
SPANS: 1@25'; 1@50'; 1@25'

PI = 21+97.99  
EL = 764.34'  
VC = 350'  
K = 99

TIE TO EXIST

INCIDENTAL MILLING  
AS NEEDED

DITCH RIGHT

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

**-DET-**

**STRUCTURE HYDRAULIC DATA**

DESIGN DISCHARGE =2500 CFS  
DESIGN FREQUENCY =5 YRS  
DESIGN HW ELEVATION =755.38 FT  
BASE DISCHARGE =6530 CFS  
BASE FREQUENCY =100 YRS  
BASE HW ELEVATION =760.69 FT

PI = 21+24.00  
EL = 767.39'  
VC = 100'  
K = 118

**BM**  
R/R SPIKE IN BASE OF 18" OAK  
ON SOUTH SIDE OF SR 1525  
252.61' RIGHT OF -DET- STA. 12+44.62  
EL = 765.83

**END GRADE**  
-DET- STA. 25+66.81 EL = 780.34'

PI = 16+27.00  
EL = 757.06'  
VC = 352'  
K = 79

15' CSP -DET- STA 17+64.22

15' CSP -DET- STA 21+11.84

SEE SHEETS 2-A TO 2-B FOR -DET- ALIGNMENT  
SEE SHEETS 4 TO 5 FOR -L- ALIGNMENT

DITCH RIGHT

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27