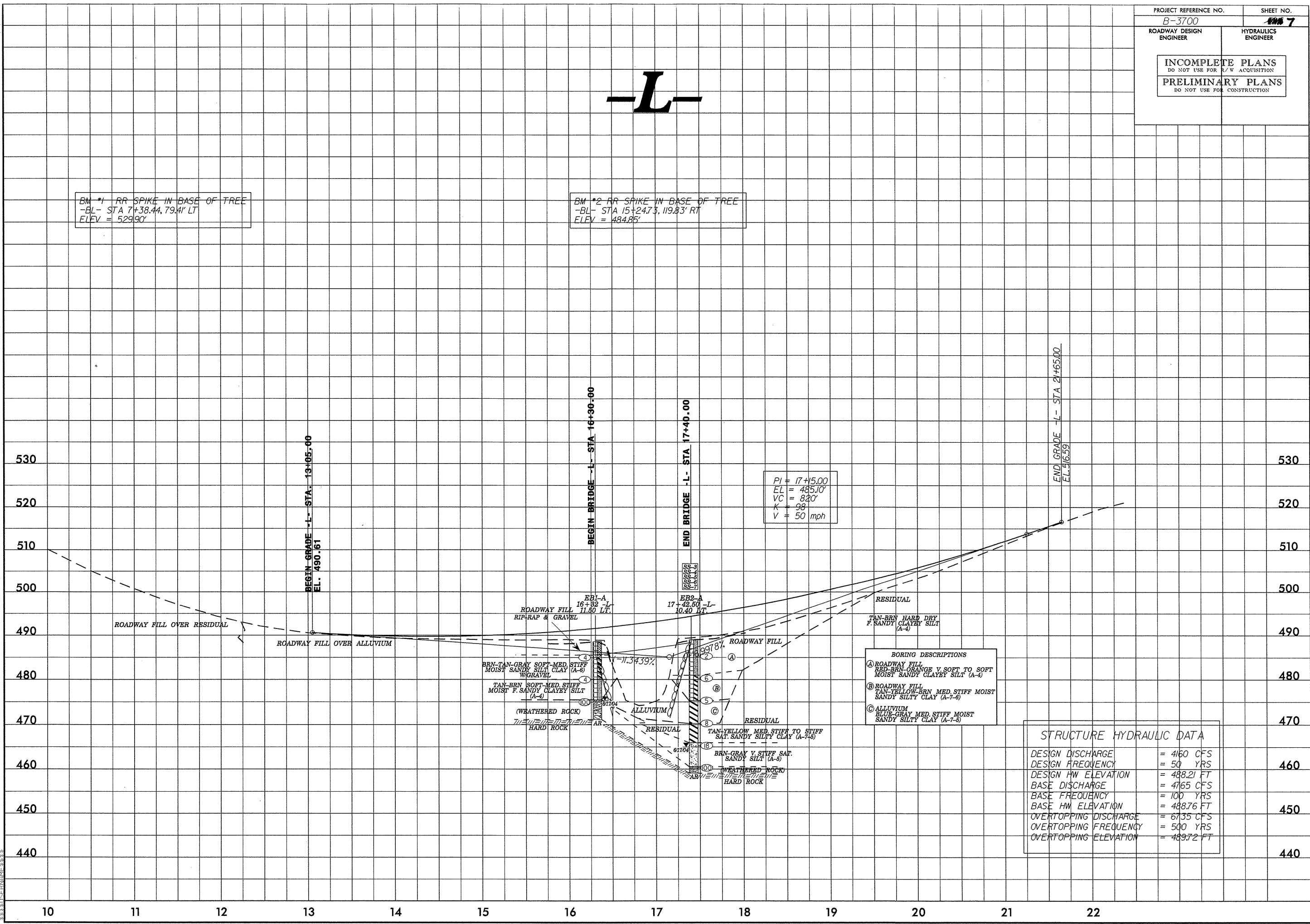


# -L-

BM #1 RR SPIKE IN BASE OF TREE  
 -BL- STA 7+38.44, 79.41' LT  
 ELEV = 529.90'

BM #2 RR SPIKE IN BASE OF TREE  
 -BL- STA 15+24.73, 119.83' RT  
 ELEV = 484.85'



PI = 17+5.00  
 EL = 485.10'  
 VC = 820'  
 K = 98  
 V = 50 mph

**BORING DESCRIPTIONS**

(A) ROADWAY FILL  
 RED-BRN-ORANGE V. SOFT TO SOFT  
 MOIST SANDY CLAYEY SILT (A-4)

(B) ROADWAY FILL  
 TAN-YELLOW-BRN MED. STIFF MOIST  
 SANDY SILTY CLAY (A-7-6)

(C) ALLUVIUM  
 BLUE-GRAY MED. STIFF MOIST  
 SANDY SILTY CLAY (A-7-6)

**STRUCTURE HYDRAULIC DATA**

|                       |             |
|-----------------------|-------------|
| DESIGN DISCHARGE      | = 4160 CFS  |
| DESIGN FREQUENCY      | = 50 YRS    |
| DESIGN HW ELEVATION   | = 488.21 FT |
| BASE DISCHARGE        | = 4765 CFS  |
| BASE FREQUENCY        | = 100 YRS   |
| BASE HW ELEVATION     | = 488.76 FT |
| OVERTOPPING DISCHARGE | = 6735 CFS  |
| OVERTOPPING FREQUENCY | = 500 YRS   |
| OVERTOPPING ELEVATION | = 489.72 FT |

5/14/11  
 TIME  
 DATE  
 NAME