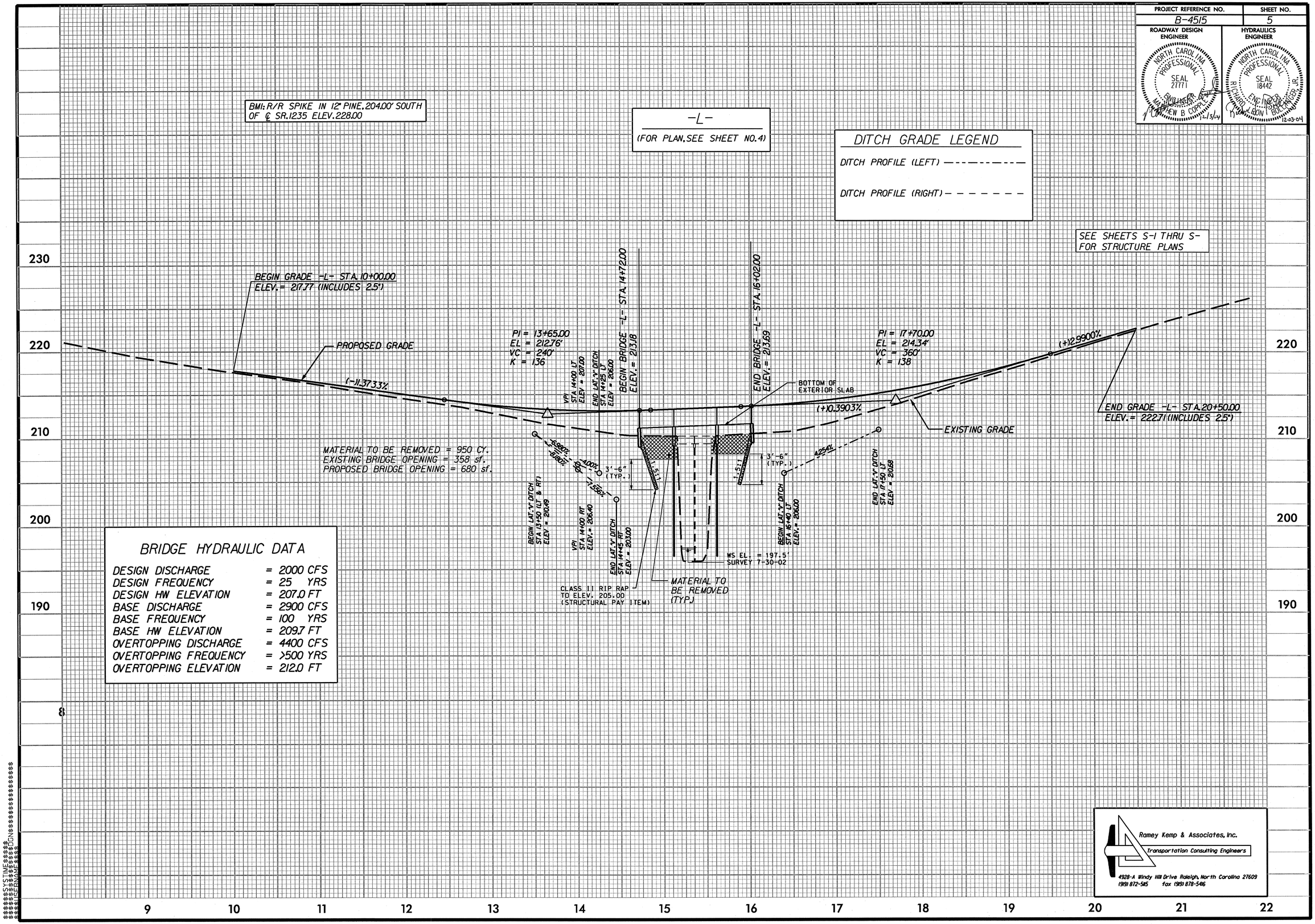
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| B-4515 | 5 |

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 27771 ENGINEER MATTHEW B COPPLE 12/13/04

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18442 ENGINEER RICHARD LEON BOLLINGER JR. 12-03-04




## BRIDGE HYDRAULIC DATA

| | |
|---|---|
| DESIGN DISCHARGE | = 2000 CFS |
| DESIGN FREQUENCY | = 25 YRS |
| DESIGN HW ELEVATION | = 207.0 FT |
| BASE DISCHARGE | = 2900 CFS |
| BASE FREQUENCY | = 100 YRS |
| BASE HW ELEVATION | = 209.7 FT |
| OVERTOPPING DISCHARGE | = 4400 CFS |
| OVERTOPPING FREQUENCY | = >500 YRS |
| OVERTOPPING ELEVATION | = 212.0 FT |


Ramey Kemp & Associates, Inc.
Transportation Consulting Engineers
4928-A Windy Hill Drive Raleigh, North Carolina 27609
(919) 872-5115 fax (919) 878-5416


$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$USERNAME$$$$