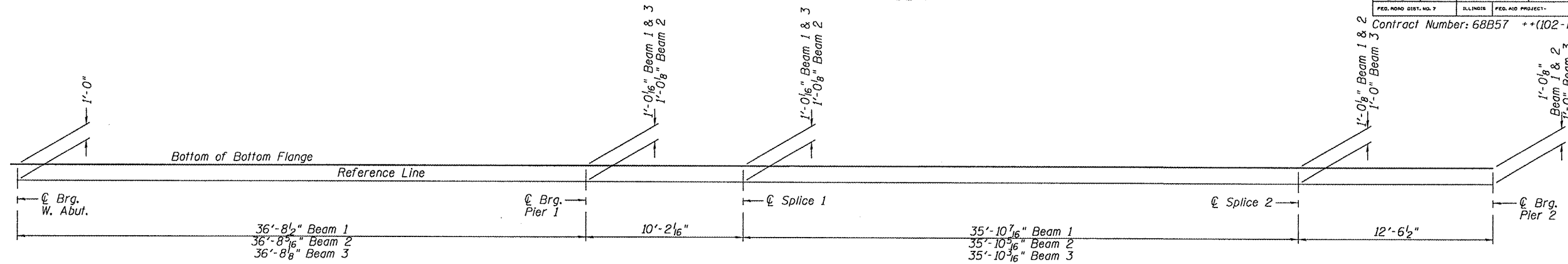
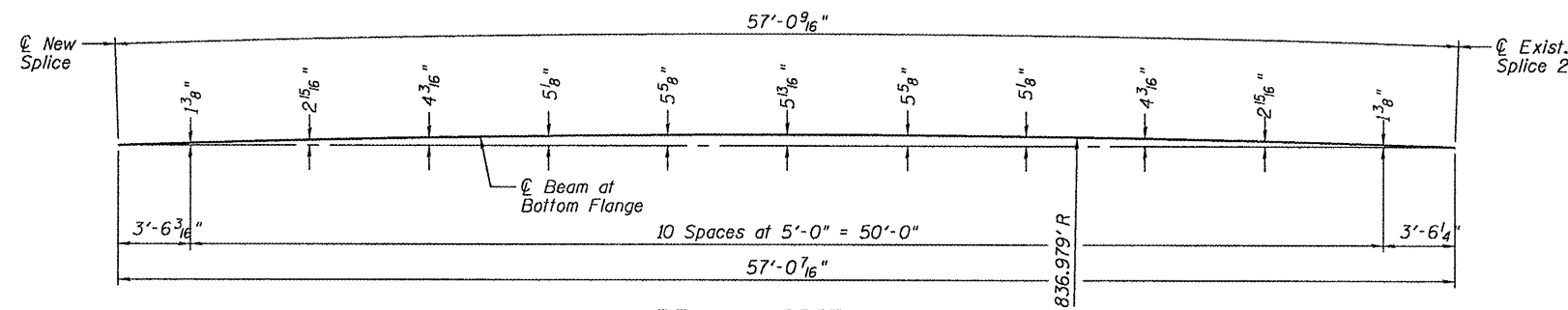


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

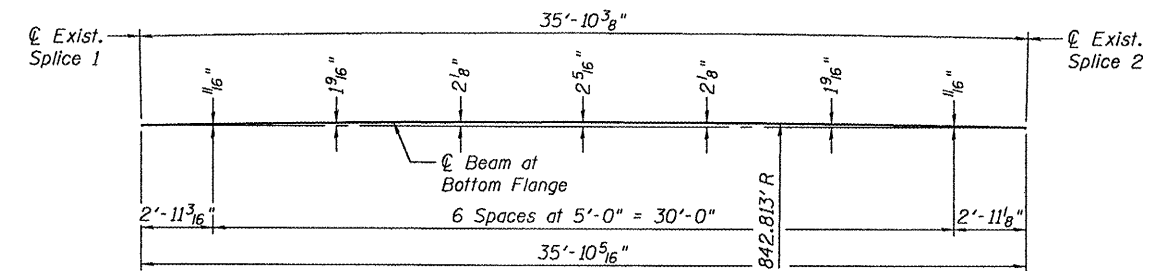
| ROUTE NO.            | SECTION  | COUNTY           | TOTAL SHEETS                             | SHEET | SHEET NO. |
|----------------------|----------|------------------|--|-------|-----------|
| F.A.P.<br>673        | ++       | Tazewell         | 17                                       | 17    | 7 SHEETS  |
| FED. AID DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | Contract Number: 68B57 ++ (102-HB-2) I-2 |       |           |



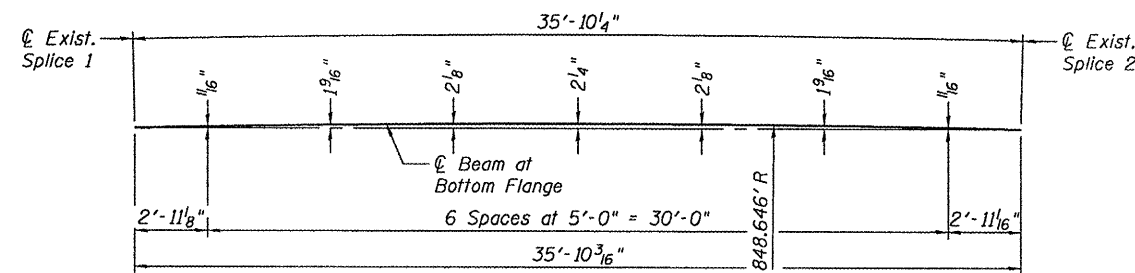
**BEAMS 1, 2 AND 3 VERTICAL BLOCKING DIAGRAM**



**BEAM 1 HORIZONTAL CURVING DIAGRAM**



**BEAM 2 HORIZONTAL CURVING DIAGRAM**



**BEAM 3 HORIZONTAL CURVING DIAGRAM**

|          |                  |
|----------|------------------|
| DESIGNED | A.J.B.           |
| CHECKED  | S.J.B.           |
| DRAWN    | Drew Christopher |
| CHECKED  | A.J.B. S.J.B.    |

March 19, 2009  
EXAMINED *Carl Perry*  
ENGINEER OF STRUCTURAL SERVICES  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES

**BEAM CURVING DIAGRAMS**  
F.A. RT. 317  
TAZEWELL COUNTY  
SN 090-0069