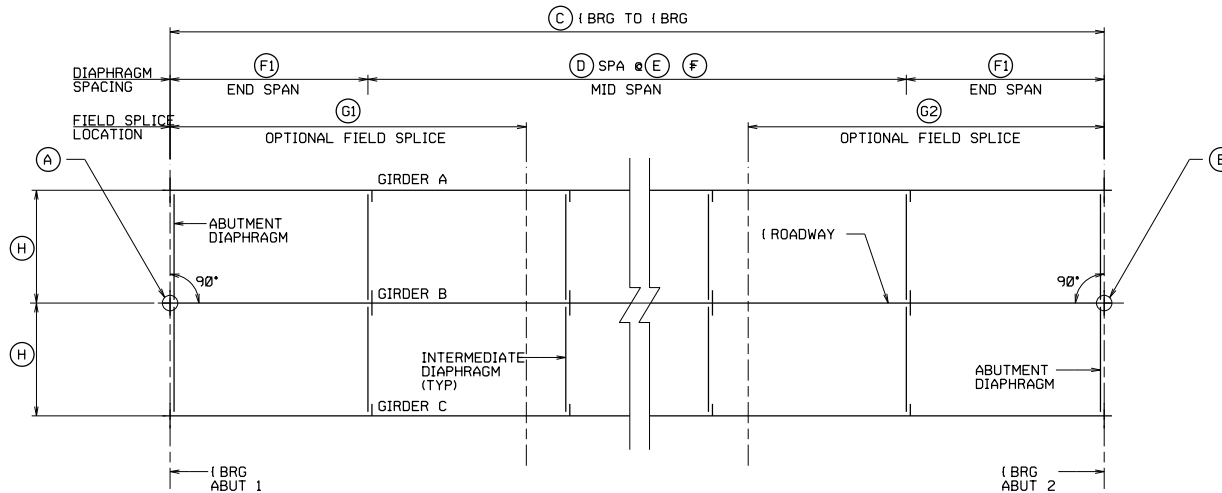
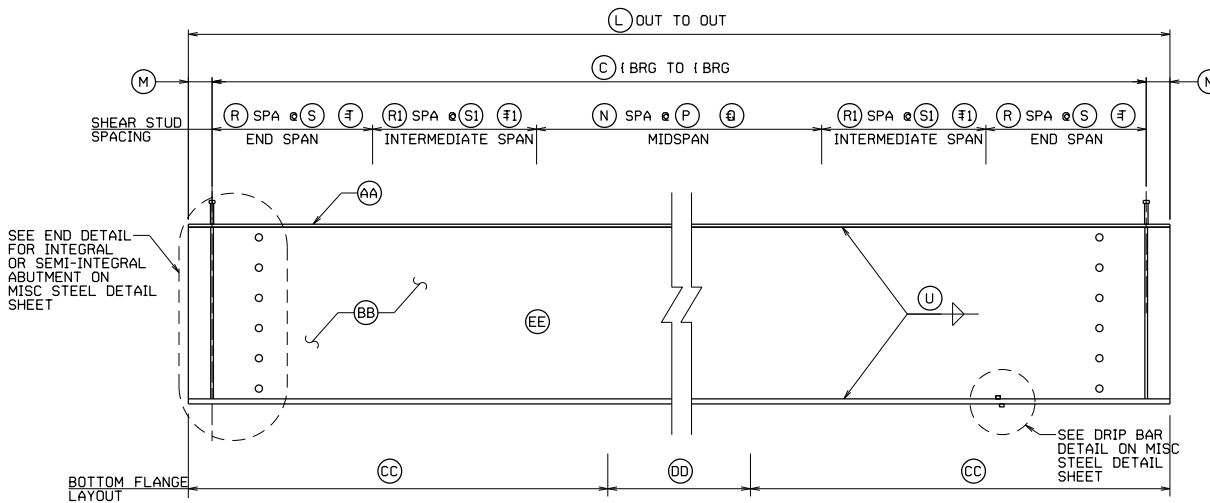


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**FRAMING PLAN**

| FRAMING PLAN CONTROL POINTS |                                     |           |
|-----------------------------|-------------------------------------|-----------|
| CODE                        | DESCRIPTION                         | DIMENSION |
| A                           | WP 1 (STATION)                      |           |
| B                           | WP 2 (STATION)                      |           |
| C                           | BEARING TO BEARING LENGTH           |           |
| D                           | NUMBER OF MID SPAN DIAPHRAGM SPACES |           |
| E                           | MID SPAN DIAPHRAGM SPACING          |           |
| F                           | MID SPAN DIAPHRAGM LENGTH           |           |
| F1                          | END SPAN DIAPHRAGM LENGTH           |           |
| G1                          | LOCATION OF FIELD SPLICE FROM WP 1  |           |
| G2                          | LOCATION OF FIELD SPLICE FROM WP 2  |           |
| H                           | GIRDER SPACING                      |           |



**ELEVATION**

| GIRDER CONTROL POINTS |   |           |
|-----------------------|---|-----------|
| CODE                  | DESCRIPTION                                   | DIMENSION |
| L                     | OVERALL GIRDER LENGTH                         |           |
| M                     | BEGINNING OFFSET                              |           |
| N                     | NUMBER OF SHEAR STUD SPACING                  |           |
| P                     | SHEAR STUD SPACES                             |           |
| Q                     | LENGTH OF MIDSPAN SHEAR STUDS                 |           |
| R                     | NUMBER OF END SPAN SHEAR STUD SPACES          |           |
| R1                    | NUMBER OF INTERMEDIATE SPAN SHEAR STUD SPACES |           |
| S                     | END SPAN SHEAR STUD SPACING                   |           |
| S1                    | INTERMEDIATE SPAN SHEAR STUD SPACING          |           |
| T                     | LENGTH OF END SPAN SHEAR STUD                 |           |
| T1                    | LENGTH OF INTERMEDIATE SPAN SHEAR STUD        |           |
| U                     | WELD  |           |

| STEEL GIRDER DIMENSIONS |                      |                                  |        |                      |
|-------------------------|----------------------|----------------------------------|--------|----------------------|
| CODE                    | DESCRIPTION          | PLATE DIM.                       | LENGTH | F <sub>y</sub> (KSI) |
| AA                      | TOP PLATE            |                                  |        |                      |
| BB                      | WEB PLATE            |                                  |        |                      |
| CC                      | BOTTOM PLATE ENDSpan |                                  |        |                      |
| DD                      | BOTTOM PLATE MIDSPAN |                                  |        |                      |
| OR                      |                      |                                  |        |                      |
| EE                      | W BEAM               |                                  |        |                      |
| QUANTITIES              |                      |                                  |        |                      |
|                         |                      | NUMBER OF SHEAR STUDS PER GIRDER |        |                      |

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
|     |          |      |    |
|     |          |      |    |

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

| DESIGNED<br>ON | DATE | CHECKED  | DATE |
|----------------|------|----------|------|
| DRAWN          | DATE | REVIEWED | DATE |
|                |      |          |      |
|                |      |          |      |

NOT TO SCALE

STANDARD BRIDGE PLANS  
**FRAMING STEEL**  
**3 GIRDER NO SKEW**  
SHEET NUMBER 1002ER1