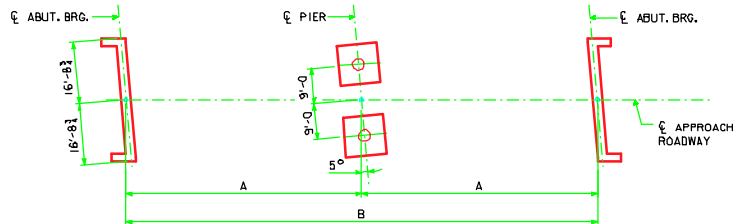
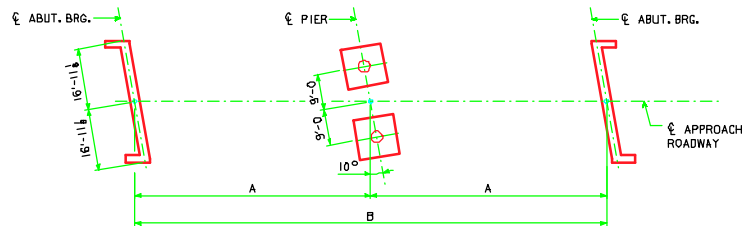


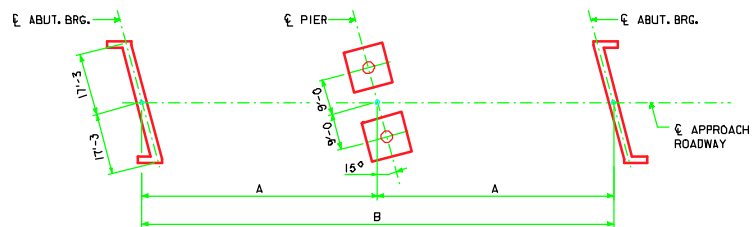
0° SKEW



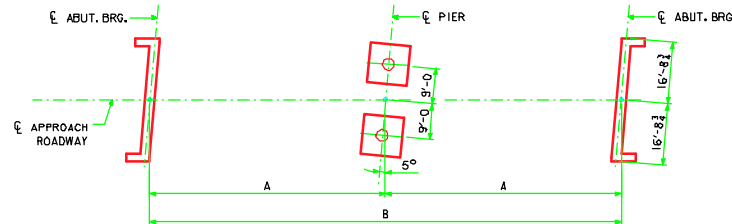
5° SKEW (R.A.)



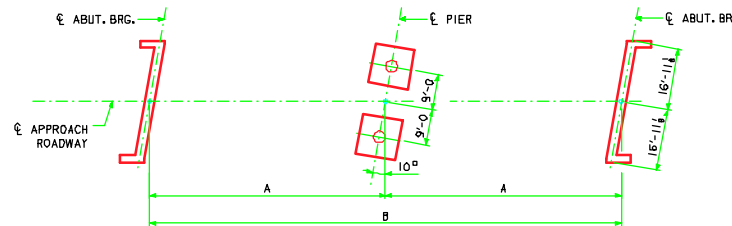
10° SKEW (R.A.)



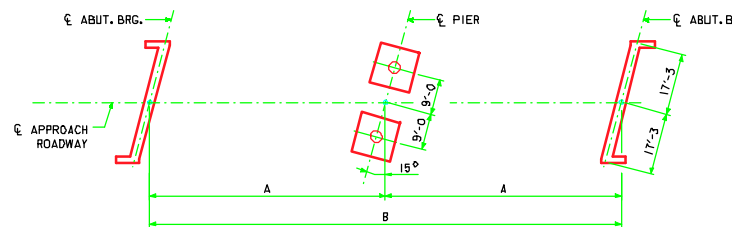
15° SKEW (R.A.)



5° SKEW (L.A.)



10° SKEW (L.A.)



15° SKEW (L.A.)

| TABLE OF DIMENSIONS |         |         |         |         |         |         |         |         |         |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| TO ABUT. BRG.       | 222'-0" | 232'-0" | 242'-0" | 252'-0" | 262'-0" |         |         |         |         |
| BEAM SERIES         | BTDI10  | BTDI15  | BTDI20  | BTDI25  | BTDI30  |         |         |         |         |
| LOCATION            | A       | B       | A       | B       | A       | B       | A       | B       | A       |
| DIMENSION           | 111'-0" | 222'-0" | 116'-0" | 232'-0" | 121'-0" | 242'-0" | 126'-0" | 252'-0" | 131'-0" |

NOTE: INDIVIDUAL SPANS AND BRIDGE LENGTHS ARE MEASURED ALONG GRADE.

NOTE:  
REFER TO SITUATION PLAN FOR  
NORTH ARROW AND STATIONS.

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER



Iowa Department of Transportation  
Highway Division

STANDARD DESIGN - 30' ROADWAY, 2 SPAN BRIDGES

PRETENSIONED PRESTRESSED  
BULB TEE CONCRETE BEAM BRIDGES

ALL SPANS

JULY, 2004

SUBSTRUCTURE  
LAYOUTS

BT30-SLI-04