

| DIMENSION | PRECAST BOX CULVERT |       |        |        |        |        |        |        |        |         |        |        | DIMENSION |
|-----------|---------------------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|-----------|
|           | 3'x2'               | 3'x3' | 4'x2'  | 4'x3'  | 4'x4'  | 5'x3'  | 5'x4'  | 5'x5'  | 6'x3'  | 6'x4'   | 6'x5'  | 6'x6'  |           |
| A         | 3'-4"               | 4'-4" | 3'-6"  | 4'-6"  | 5'-6"  | 4'-8"  | 5'-8"  | 6'-8"  | 4'-10" | 5'-10"  | 6'-10" | 8'-0"  | A         |
| B         | 1'-0"               | 1'-6" | 1'-0"  | 1'-6"  | 2'-0"  | 1'-6"  | 2'-0"  | 2'-6"  | 1'-6"  | 2'-0"   | 2'-6"  | 3'-0"  | B         |
| C         | 3'-0"               | 4'-0" | 3'-1"  | 4'-1"  | 5'-1"  | 4'-2"  | 5'-2"  | 6'-2"  | 4'-3"  | 5'-3"   | 6'-3"  | 7'-5"  | C         |
| E         | 3'-8"               |       | 4'-10" |        |        | 6'-0"  |        |        | 7'-2"  |         |        |        | E         |
| F         | 3'-10"              | 5'-0" | 4'-0"  | 5'-2"  | 6'-4"  | 5'-5"  | 6'-7"  | 7'-8"  | 5'-7"  | 6'-9"   | 7'-11" | 9'-3"  | F         |
| H         | 7'-6"               | 8'-8" | 8'-10" | 10'-0" | 11'-2" | 11'-5" | 12'-7" | 13'-8" | 12'-9" | 13'-11" | 15'-1" | 16'-5" | H         |
| J         | 3'-9"               | 4'-4" | 4'-5"  | 5'-0"  | 5'-7"  | 5'-8"  | 6'-3"  | 6'-10" | 6'-4"  | 6'-11"  | 7'-6"  | 8'-2"  | J         |
| M         | 0'-5"               |       |        |        |        |        |        |        |        |         |        | 0'-6"  | M         |
| T         | 0'-4"               |       | 0'-5"  |        |        | 0'-6"  |        |        | 0'-7"  |         |        |        | T         |
| U         | 1'-0"               |       |        |        |        |        |        |        |        |         |        |        | U         |
| V         | 0'-8"               |       |        |        |        |        |        |        |        |         |        | 1'-0"  | V         |
| W         | 0'-8"               |       |        |        |        |        |        |        |        |         |        | 0'-10" | W         |
| X         | ----                |       |        |        |        |        |        |        |        |         |        | 2'-0"  | X         |
| Y         | 2'-0"               |       |        |        |        |        |        |        |        |         |        | 2'-6"  | Y         |
| Z         | ----                |       |        |        |        |        |        |        |        |         |        | 1'-3"  | Z         |

**KENTUCKY**  
**DEPARTMENT OF HIGHWAYS**  
*DIMENSIONS*  
*3'x2' - 6'x6' HEADWALLS*  
*PRECAST BOX CULVERT*  
*0° SKEW*  
 STANDARD DRAWING NO. RDH-1100-02  
 SUBMITTED \_\_\_\_\_ DIRECTOR DIVISION OF DESIGN \_\_\_\_\_ DATE \_\_\_\_\_  
 APPROVED \_\_\_\_\_ STATE HIGHWAY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_