

Job Name: 26-1545 - KYTC Boone Co. Camp Ernst Roundabout (ID 3002312)

Job Location: Burlington, KY

Contractor: Lawrence Construction & Leasing, Inc.

Plant: 100

6/2/2026 8:09:23 AM

Tech: J.Horsley

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: D7-9 JBB

P1 BX2424-08BA30

BOX BASE 8inW, 8inF F/n

P3) CASTING (cast in) - 0

P2) 24" x 24" - BX FLAT LID 8inW SPEC. (KY JB-B1) F/F - 8"

P1) 24" x 24" - BOX BASE 8inW, 8inF F/n - 30"

1) CASTING - HOE KY-206 F/C (KY TY1)

1) 24" x 24" - SGL 1"x14.5' Butyl

2) Hole - 18

0 lb

770 lb

3310 lb

206 lb

0 lb

0 lb

Structure Total: 4287 lb

Structure Notes:

\*\* KYTC STATE PROJECT \*\*

1. KYTC JUNCTION BOX B1 / PER ASTM C913 SPEC'S.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. TOP SLAB w KYTC TYPE 1 F/C CAST FLUSH.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As. 62) #5 BARS AT 6" C.C.E.W.

- WALLS (As .31) #5 BARS AT 12" C.C.E.W.

- FLOOR (As .31) #5 BARS AT 12: C.C.E.W.

Rim: 878.92'

Rim to Invert: 3.4'

Slack: 2.8"

Sump: 0"

Step Position:

| Position | Elev    | Angle | Ext. (cw) | Pipe     | Pipe OD | Connector | Hole | Horz Size | Up ( ) | Offset |
|----------|---------|-------|-----------|----------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 875.52' | 180°  | 20"       | 12" HDPE | 14.5"   | Hole 18   | 18"  | 18"       | -3"    | 0"     |
| Invert 2 | 875.52' | 270°  | 20"       | 12" HDPE | 14.5"   | Hole 18   | 18"  | 18"       | -3"    | 0"     |
| Invert 3 |         |       |           |          |         |           |      |           |        |        |
| Invert 4 |         |       |           |          |         |           |      |           |        |        |
| Invert 5 |         |       |           |          |         |           |      |           |        |        |
| Invert 6 |         |       |           |          |         |           |      |           |        |        |
| Invert 7 |         |       |           |          |         |           |      |           |        |        |
| Invert 8 |         |       |           |          |         |           |      |           |        |        |

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P3)

(P2)

(P1) <<

Invert: 1

Degree: 180°

Horz: 12"

Hole: 18"

Up( ): -3"

Invert: 2

Degree: 270°

Horz: 12"

Hole: 18"

Up( ): -3"

24"

24"

+ 0°-

24"

24"

- 0°+

INSIDE WALL DIMENSIONS

2

1

-3"

-3"

12"

12"

Left

Back (24")

Right (24")

Front

8"

30"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 30"

Height (Ext): 38"

Weight (Net): 3310 lb

Volume (Net): 0.85cu.yd