

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 8:13:31 AM

Tech: J.Horsley

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: D6-6 DBI13G

P1 BX24300808VF

BOX BASE 8inW, 8inF, Variable Ht F/n

P3) 15" x 27" - P.I.P. - BY OTHERS - 8"

P2) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"

P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 25"

1) CASTING - HOE KY-230-G F/G (GRADE)

1) 24" x 30" - Conseal CS-102 1.00"

1) Hole - 18

2) Hole - 4

0 lb

963 lb

3397 lb

237 lb

0 lb

0 lb

0 lb

Structure Total: 4597 lb

Structure Notes:

KYTC STATE PROJECT

1. KYTC DBI TYPE 13G / ASTM C-913 SPEC'S.

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

3. CASTING BY ICAST (HOE KY-230-G F/G)

.

REINFORCING PER ASTM A615 (GRADE 60).

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

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

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

Rim: 885.63'

Rim to Invert: 3.48'

Slack: 0.76"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.15'	180°	20"	12" HDPE	14.5"	Hole 18	18"	18"	-3"	0"
Invert 2	883.57'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	17"	0"
Invert 3	883.57'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	17"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 1
Degree: 180°
Horz: 12"
Hole: 18"
Up(): -3"

Invert: 2
Degree: 90°
Horz: 15"
Hole: 4"
Up(): 17"

Invert: 3
Degree: 270°
Horz: 15"
Hole: 4"
Up(): 17"

24"

30"

+ 0°-

Invert: 1
Degree: 180°
Horz: 12"
Hole: 18"
Up(): -3"

Invert: 3
Degree: 270°
Horz: 15"
Hole: 4"
Up(): 17"

Invert: 2
Degree: 90°
Horz: 15"
Hole: 4"
Up(): 17"

24"

30"

- 0°+

INSIDE WALL DIMENSIONS

1

3

2

17"

17"

15"

15"

12"

15"

Left

Back (24")

Right (30")

Front

8"

25"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 25"
Height (Ext): 33"

Weight (Net): 3397 lb
Volume (Net): 0.87cu.yd