

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320)

Job Location: Independence, KY

Contractor: Eaton Asphalt

Plant: 100

6/4/2026 4:51:14 PM

Tech: Jared - A

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 586

P1 BX2436-08BVF

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

P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"

P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33"

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

1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast)

1) 24" x 36" - Conseal CS-102 1.00"

1) Hole - 24

2) Hole - 20

2) Hole - 8

3400 lb

5270 lb

4114 lb

206 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 12990 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TY A / ASTM C-913 SPECS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. NO STORM INVERT

5. NO STEPS

6. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP

7. INVERT 4 OFFSET 14" FROM CENTER OF WALL

Rim: 905.05'

Rim to Invert: 5.09'

Slack: 0.08"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	899.96'	0°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	899.96'	180°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 3	899.96'	270°	26"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 4	901.88'	90°	12"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	-14"
Invert 5	901.88'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P3)

(P2)

(P1) <<

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 5
Degree: 180°
Horz: 12"
Hole: 8"
Up(_): 21"

Invert: 2
Degree: 180°
Horz: 12"
Hole: 20"
Up(_): -2.5"

Invert: 3
Degree: 270°
Horz: 18"
Hole: 20"
Up(_): -2.5"

Invert: 4
Degree: 90°
Horz: 4"
Hole: 8"
Up(_): 21"

Invert: 1
Degree: 0°
Horz: 12"
Hole: 24"
Up(_): -3"

INSIDE WALL DIMENSIONS

3

2

1

5

4

Left

Back (24")

Right (36")

Front

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 33"

Height (Ext): 41"

Weight (Net): 4114 lb

Volume (Net): 1.05cu.yd