

Job Name: 26-2863 - ORA Rail Improvemnet

Job Location: Owensboro, KY

Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam, KY

9/15/2026 8:32:50 AM

Tech: J. Ross

PC: M. Sullivan



Structure ID: QL2 MHB

P3MH048RS36MH RISER T/G

P5) 24" - CASTING HEIGHT - 8"

P4) 48" - ECC CONE w/ 24" HOLE F/G - 30"

P3) 48" - MH RISER T/G - 36"

P2) 72" - MH Transition Slab 48" Hole T/G - 15"

P1) 72" - MH BASE (10"F) Custom Ht T/n - 84"

1) CASTING - HOE KY-510 F/C (KY TY.2)

1) 72" - Conseal CS-102 1.00"

2) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 54

14) MH Step ML-10-TDS-NCR - 10"

0 lb

2050 lb

2515 lb

3864 lb

14144 lb

510 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 23083 lb

Structure Notes:

1. PER KYTC MH B / ASTM C478 SPEC'S

2. CONCRETE = 4,000 PSI AT 28 DAYS

3. REINFORCING PER ASTM A615 (GRADE 60)

4. HOE KY-510 F/C (KY TY2) CASTING PROVIDED BY ICAST

Rim: 381'Rim to Invert: 14.42'Slack: 0.04"Sump: 0"Step Position: 237.5°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (┘)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P5)

(P4)

(P3) <<

(P2)

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Step: 237.5°

Horz: 99.5°

+ 0°-

INSIDE WALL DIMENSIONS

0°90°180°270°360°

(P3)

36"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 36"

Height (Ext): 36"

Weight (Net): 2515 lb

Volume (Net): 0.64cu.yd