

Job Name: 25-3264 - Sam Ridley Parkway Roadway Improvements
Job Location: Smyrna, TN
Contractor: Capital City Construction Services LLC

PC: A. Chambers
 TECH: J. Horsley - F
 Plant: 100



Structure ID: **CB-06**
 Spec: TDOT
 Type: CB TYPE 14SE
 Size: 108" x 108"

Rim: 594.06'
 Invert: 587.05'
 Rim to Invert: 7.01'

Sump: 4"
 Floor (Top): 586.717'
 Floor Height: 10"

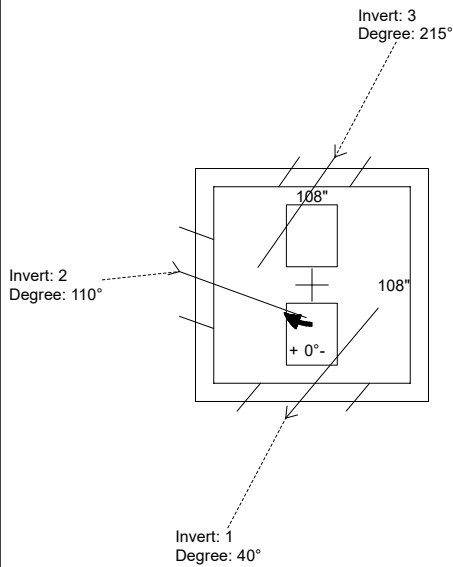
Floor (Bot): 585.883'
 Overall Height: 8.167'
 Slack: 0.12"

Structure Notes:

1. PER TDOT STANDARD DRAWING D-CB-14SE & ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER TDOT & ASTM A615 SPECS
4. NO STEPS
5. NO INVERT CHANNEL
6. CASTING BY ICAST (JBS 3123-14 MOD. DOUBLE SET)

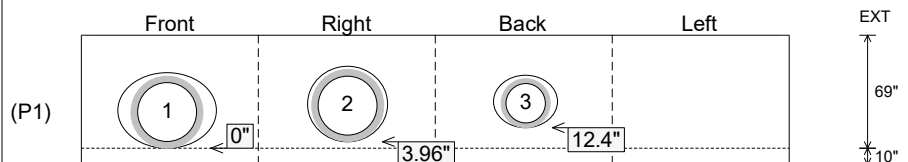
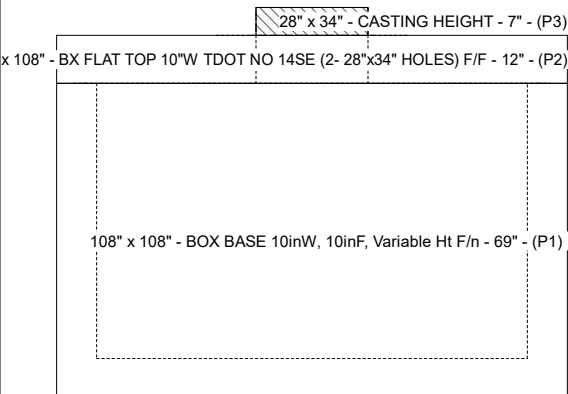
STRUCTURE SUMMARY:

- P3) 28" x 34" - CASTING HEIGHT - 7" 0 lb
 - P2) 108" x 108" - BX FLAT TOP 10"W TDOT NO 14SE (2- 28"x34" HOLES) F/F - 12" 15167 lb
 - P1) 108" x 108" - BOX BASE 10inW, 10inF, Variable Ht F/n - 69" 36948 lb
 - 1) SECONDARY POUR 0 lb
 - 1) CASTING - JBS 3123-14 Mod. Double Set 250 lb
 - 1) 108" x 108" - Conseal CS-102 1.00" 0 lb
 - 1) 28" x 34" - Conseal CS-102 1.00" 0 lb
 - 2) Hole - 46 0 lb
 - 1) Hole - 32 0 lb
- Structure Total: **52365 lb**



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	594.06'							
Reducer								
Invert 1	587.05'	40°	36" RCP B WALL	44"	46"	Hole 46	0"	P1
Invert 2	587.38'	110°	36" RCP B WALL	44"	46"	Hole 46	3.96"	P1
Invert 3	588'	215°	24" RCP B WALL	30"	32"	Hole 32	12.4"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 12/16/2025 7:55:05 AM

SUBMITTAL
 APPROVED BY: