Bulk Specific Gravity of Compacted Bituminous Mixtures

Compark Village South Filling No.2 Amendment No.1

AASHTO T 166

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Client: Town of Parker
Project: Compark Village
Project Number: M23.1886.034
Lab Number: 9538
Coring Date:

Tested By: JR
Checked By: DH

1) Weighted average based on lift thicknesses of SX and S mixes for Maximum Theoretical Specific Gravity (SX (58-28) Mix = 2.490, S (58-28) Mix = 2.508).

2) 92% -96% of Maximum Thoeretical Specific Gravity Specified.

Core ID	Location	Notes	Design Thickness (in.)	Core Thickness (in.)	Top Lift Thickness (SX Mix) (in.)	Bulk Specific Gravity	Adjusted Maximum Theoretical Specific Gravity [1]	Core Unit Weight (pcf.)	Percent Compaction [2] (%)
C-1	Badger Run St 4+40 NB RWP		5	6.65	2.72				
C-2	Badger Run St 5+70 SB LWP		5	6.45	2.44				
C-3a	Elk Path Way 1+70 SB LWP		5	4.65	1.82				
C-3b	Elk Path Way 1+70 SB LWP		5	5.10	2.14				
C-4	Elk Path Way 3+20 NB C		5	5.30	2.30				
C-5	Wolf Fox St 1+90 SB LWP		6	6.77	2.79				
C-6a	Wolf Fox St 2+80 NB LWP		6	6.77	2.79				
C-6b	Wolf Fox St 2+80 NB LWP		6	5.92	2.43				
C-7	Raccoon Tail Way 10+70 NB LWP		5	5.67	2.44				
C-8a	Raccoon Tail Way 12+20 SB LWP		5	4.29	1.71				
C-8b	Raccoon Tail Way 12+20 SB LWP		5	4.50	2.11				
C-9	Deertrack Lane 17+40 EB LWP		5	6.59	3.09				
C-10	Deertrack Lane 20+10 WB C		5	5.47	2.64				
C-11	Deertrack Lane 21+80 EB LWP		5	6.17	2.61				
C-12	Deertrack Lane 24+60 WB LWP		5	5.92	2.65				
C-13	Deertrack Lane 26+90 EB LWP		5	5.83	2.81				
C-14	Deertrack Lane 28+80 WB RWP		5	6.07	2.56				
C-15	Bunny Hop Lane 1+10 EB C		5	5.96	2.43				
C-16a	Bunny Hop Lane 4+60 WB RWP		5	4.97	2.77				
C-16b	Bunny Hop Lane 4+60 WB RWP		5	5.14	2.42				
C-17	Bunny Hop Lane 8+20 EB C		5	5.79	2.71				
C-18a	Bunny Hop Lane 10+80 WB LWP		5	4.99	2.31				
C-18b	Bunny Hop Lane 10+80 WB LWP		5	5.02	2.34				
C-19a	Bunny Hop Lane 13+60 EB RWP		5	5.04	2.52				
C-19b	Bunny Hop Lane 13+60 EB RWP		5	4.79	2.30				
C-20	Bunny Hop Lane 14+70 WB RWP		5	5.49	2.93				

RWP = Right Wheel Path, LWP = Left Wheel Path, C = Center of Lane EB = East Bound, WB = Best Bound, NB = North Bound, SB = South Bound