



Department of Design and Construction

Thomas Foley
Commissioner

Safety & Site Support Division
Office of Quality Assurance

Alla Ayzenshtat
Deputy Commissioner
Safety & Site Support

Concrete and Asphalt Generic Mix Design Approval 2024 – 053

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1624
www.nyc.gov/ddc

Date: 7/5/2024
To: Larry Santana
Flushing Asphalt
From: Juan Martinez, PE, Director
Office of Quality Assurance

Date Submitted: 6/26/2024

Plant: Flushing Asphalt

NYSDOT Facility Numbers: H0239

Laboratory: N/A

Mix Design Type: 6FRA Top

Generic Mix Design Serial Number: FlushingAsphalt/6FRA/Top/Generic/NYCDDC/7/24/053

Generic Mix Design Date: 6/14/2024

Generic Mix Design Expiration Date: 6/30/2026

- Comments:**
- 1) This mix design is approved only for the NYSDOT Facility Numbers listed above.
 - 2) Approval is valid only if facilities listed above remain on the DDC OQA Approved list of Concrete and/or Asphalt Plants.
 - 3) Approval is limited to the material sources and aggregate sizes shown on the mix design.
 - 4) Dosage of admixtures may be adjusted by the plant within manufacturer's written guidelines, but admixtures not listed may not be added.

Reviewed & Prepared by:

Christopher Vagnone, QA Inspector

Christopher Vagnone

Recommended for Acceptance by: Alfred Roman, Engineer-in-Charge

FLUSHING ASPHALT QUALITY CONTROL

ASPHALT JOB MIX FORMULA SHEET - 6FRA TOP

PLANT NAME: FLUSHING ASPHALT
 NYSDOT FACILITY #: H0239
 PLANT ADDRESS: FLUSHING
 New York, NY

MIX DESIGN DATE: 6/14/2024
 PREPARED BY: MARIA MARCANO
 COMPANY: FLUSHING ASPHALT
 PLANT QC MGR: LARRY SANTANA

Item	Supplier / Quarry	NYSDOT Source	Friction Agg.	Agg. Blend %	Mix %	Lbs / Ton
					0.0%	0
#1 Stone	Tilcon, Mt Hope, NJ	8-32R	Yes	28.7%	27.7%	553
#1A Stone	Tilcon, Mt Hope, NJ	8-32R	Yes	18.0%	17.4%	347
					0.0%	0
Manufactured Sand	Tilcon, Mt Hope, NJ	8-32R	N/A	23.3%	22.5%	449
Screenings	Tilcon, Mt Hope, NJ	8-32R	N/A	0.0%	0.0%	0
RAP	Flushing Asphalt Co.	N/A	Yes	30.0%	28.9%	578
	RAP % Asphalt: 6.2%			RAP AC	1.8%	36
All RAP to be from Municipal Sources - Aggregates from State Quarries				RAP Aggregate	27.1%	542
		N/A			0.0%	0
	RAP % Asphalt:			RAP AC	0.0%	0
All RAP to be from Municipal Sources - Aggregates from State Quarries				RAP Aggregate	0.0%	0
Virgin Asphalt	Grade: PG64-22	SG (G _b):	1.034		3.6%	72
Total Asphalt Content (P _b)					5.4%	108
					100.0%	2,000

Project No: Generic
“APPROVED”
 NYC DDC - Office of Quality Assurance
 Date: 7/5/2024 Reviewed By: CN
 LOG No: 2024-053
 APPROVAL STAMP

Flushing Asphalt/6FRA/Top/Generic/NYCDDC/7/24/053 Expires: 7/31/2026

Sieve Size	1-1/2"	1"	3/4"	1/2"	1/4"	1/8"	# 20	# 40	# 80	# 200	P _b
Specification Limits	100-100	100-100	100-100	95-100	58-72	36-54	15-32	8-25	4-16	2-6	5-6.2
JMF Target	100	100	100	100	65	40	24	18	9	4	5.4
JMF Range	100-100	100-100	100-100	100-100	60-70	36-44	20-28	14-22	6-12	2-6	5-6.1

