



June 9th, 2023

City of Winnipeg Approved Concrete Suppliers

The following Concrete Suppliers have been approved for the 2023 construction season. Select the supplier to view the Approved Concrete Mix Designs:

[Able Concrete](#)

[Building Products](#)

[City Mix](#)

[Lafarge](#)

[Northland and Perimeter](#)

[Maple Leaf Construction](#)

Redonda Plant

Cole and Kenaston Plants

Kenaston, Redonda and Headingley Plants

Dawson Plants

Oak Bluff Plant

Brookside Plant

Concrete mix design information must be submitted directly to:

Ahmed Ghazy, Ph.D., P.Eng., PMP
Research and Standards Engineer
Public Works Department, Engineering Division
106-1155 Pacific Avenue
Winnipeg, MB R3E 3P1
Email: aghazy@winnipeg.ca
Phone: 204-986-4038



2023 CONCRETE MIX DESIGN APPROVAL

Concrete Supplier: Building Products and Able Concrete
Plant Location: Plants 1&5, 75 Cole Ave. Plant 11, 1195 Kenaston Blvd.

Date: June 2023

Period	Type of Concrete	Type of Paving	Mix Code	Status	Period	Type of Concrete	Type of Paving	Mix Code	Status
Period 1	Type 1	SF**	R686105F	Approved	Period 2	Type 1	SF**	R678105F	Approved
		HP**	R686105H	Approved			HP**	R678105H	Approved
	Type 2	SF	R687105F	Approved		Type 2	SF	R689105F	Approved
		HP	R687105H	Approved			HP	R689105H	Approved
	Type 3	SF	R806105F	Approved		Type 3	SF	R804105F	Approved
		HP	R806105H	Approved			HP	R806105H	Approved
	Type 4	SF	R696105F	Approved		Type 4	SF	R695105F	Approved
		HP	R696105H	Approved			HP	R695105H	Approved
	Type 5	SF	-	-		Type 5	SF	-	-
		HP	R610105H	Approved			HP	R700105H	Approved
	Type 6	SF	-	-		Type 6	SF	-	-
		HP	R687105H	Approved			HP	R689105H	Approved
	Type 7	SF	-	-		Type 7	SF	-	-
		HP	400105	Approved			HP	401105	Approved
					Cold Weather Concrete	SF	R804105FCW	Approved	
						HP	R806105HCW	Approved	

Should you have any questions, or if clarification is required, please contact me at your convenience.

Yours truly,

Ahmed Ghazy, Ph.D., P.Eng., PMP, Research and Standards Engineer

2023 CONCRETE MIX DESIGN APPROVAL

Concrete Supplier: Building Products

Date: June 2023

Plant Location: 75 Cole Avenue Plants #1 & #5; and 1191 Kenaston Plant, plant #11

Reference Section – 6.2 in CW3310-R17

TYPE 1 Concrete for Pavements, Commercial Approaches, Curb and Gutter Sections, Curbs, Monolithic Curb and Sidewalks, Splash Strips and Bull-noses:

Slip Form Paving

Hand Placement

Curbs	Pavements
687105C – Period 1*	687105F – Period 1*
689105C – Period 2*	689105F – Period 2*

687105H – Period 1*
689105H – Period 2*

Slump=50 +/- 20mm

Slump=70 +/- 20mm

TYPE 2 Concrete for Sidewalks, Residential Approaches, Median Slabs and Other Related Works:

610105 – Period 1*
700105 – Period 2*

Slump=80+/- 20mm

Reference Section – 6.4 in CW3310-R17

Concrete for Early Opening of Pavements

20 MPA in 72 hours:

Slip Form Paving
696105F – Period 1*
695105F – Period 2*

Hand Placement
696105H – Period 1*
695105H – Period 2*

20 MPA in 24 hours:

806105 – No Fly ash Allowed

Reference Section – 6.6 in CW3310-R17

Concrete for Temporary Restoration of Utility Pavement Cuts

815105 – No Fly ash Allowed

*** Fly Ash Restrictions - Period 1 – May 16 through September 30, Period 2 – October 1 through May 15**



2023 CONCRETE MIX DESIGN APPROVAL

Concrete Supplier: City Mix Inc.

Date: June 2023

Plant Location: Plant #1 – Kenaston Boulevard, Plant #2 – Redonda Street, Plant #3 – 6 Wanda Way, Headingley

Period	Type of Concrete	Type of Paving	Mix Code	Status	Period	Type of Concrete	Type of Paving	Mix Code	Status
Period 1	Type 1	SF**	CW355D0S	Approved	Period 2	Type 1	SF**	CW355A0S	Approved
		HP**	CW355D0H	Approved			HP**	CW355A0H	Approved
	Type 2	SF	CW325D0S	Approved		Type 2	SF	CW325A0S	Approved
		HP	CW325D0H	Approved			HP	CW325A0H	Approved
	Type 3	SF	CW245A0S	Approved		Type 3	SF	CW245A0S	Approved
		HP	CW245A0H	Approved			HP	CW245A0H	Approved
	Type 4	SF	CW725D0S	Approved		Type 4	SF	CW725A0S	Approved
		HP	CW725D0H	Approved			HP	CW725A0H	Approved
	Type 5	SF	-			Type 5	SF	-	-
		HP	CW30AC0H	Approved			HP	CW30AA0H	Approved
	Type 6	SF	-			Type 6	SF	-	
		HP	CWPC5D0H	Approved			HP	CWPC5A0H	Approved
	Type 7	SF	-			Type 7	SF	-	-
		HP	CWTR5D0H	Approved			HP	CWTR5D0H	Approved
				Cold weather Mix	SF	CWWM5D0S	Approved		
					HP	CWWM5D0H	Approved		

Should you have any questions, or if clarification is required, please contact me at your convenience.

Yours truly,

Ahmed Ghazy, Ph.D., P.Eng., PMP, Research and Standards Engineer

Reference Section – 6.2 in CW3310-R17

TYPE 1 Concrete for Pavements, Commercial Approaches, Curb and Gutter Sections, Curbs, Monolithic Curb and Sidewalks, Splash Strips and Bull-noses:

Slip Form Paving

Hand Placement

Curbs	Pavements	
1A32AC0S – Period 1*	1A32AC0C – Period 1*	1A32AC0H – Period 1*
1A32AA0S – Period 2*	1A32AA0C – Period 2*	1A32AA0H – Period 2*

TYPE 2 Concrete for Sidewalks, Residential Approaches, Median Slabs and Other Related Works:

1A30AC0C – Period 1*	1A30AC0H – Period 1*
1A30AA0C – Period 2*	1A30AA0H – Period 2*

Reference Section – 6.4 in CW3310-R17

**Concrete for Early Opening of Pavements
20 MPA in 72 hours:**

Slip Form

Hand Placement

1A32AC0M – Period 1*	1A32AC0E – Period 1*
1A32AA0M – Period 2*	1A32AA0E – Period 2*

20MPa in 24 Hours:

1A24HS0C – No Fly ash Allowed

Reference Section – 6.6 in CW3310-R17

Concrete for Temporary Restoration of Utility Pavement Cuts

1A285A0C – No Fly ash Allowed

*** Fly Ash Restrictions - Period 1 – May 16 through September 30, Period 2 – October 1 through May 15**



2023 CONCRETE MIX DESIGN APPROVAL

Concrete Supplier: LAFARGE CANADA INC & NORTHLAND/PERIMETER CONCRETE, OAK BLUFF, and MCPHILLIPS

Date: June 2023

Plant Location: 220 Dawson Road

Period	Type of Concrete	Type of Paving	Mix Code	Status		Period	Type of Concrete	Type of Paving	Mix Code	Status
Period 1	Type 1	SF**	RMX4J35A7GF	Approved		Type 1	SF**	RMX4L35A7GP	Approved	
		HP**	RMX8J35A7GF	Approved			HP**	RMX8L35A7GP	Approved	
	Type 2	SF	RMX4J32A7GF	Approved		Type 2	SF	RMX4L32A7GP	Approved	
		HP	RMX8J32A7GF	Approved			HP	RMX8L32A7GP	Approved	
	Type 3	SF	RMXEG45A6GF	Approved		Type 3	SF	RMXEG45A6GP	Approved	
		HP	RMXEG45A7GF	Approved			HP	RMXEG45A7GP	Approved	
	Type 4	SF	RMXEG32A6GF	Approved		Type 4	SF	RMXEG32A6GP	Approved	
		HP	RMXEG32A7GF	Approved			HP	RMXEG32A7GP	Approved	
	Type 5	SF	-	-		Type 5	SF	-	-	
		HP	RMXWJ30A7GF	Approved			HP	RMXWL30A7GP	Approved	
	Type 6	SF	-	-		Type 6	SF	-	-	
		HP	RMXUF20A6G0	Approved			HP	RMXUF20A7GP	Approved	
	Type 7	SF	-	-		Type 7	SF	-	-	
		HP	RMXUF15A6G0	Approved			HP	RMXUF15A7GP	Approved	
					Cold Weather Concrete	SF	RMXEG45A6GW	Approved		
						HP	RMXEG45A7GW	Approved		

Should you have any questions, or if clarification is required, please contact me at your convenience.

Yours truly,

Ahmed Ghazy, Ph.D., P.Eng., PMP, Research and Standards Engineer

Reference Section – 6.2 in CW 3310-R17

TYPE 1 Concrete for Pavements, Commercial Approaches, Curb and Gutter Sections, Curbs, Monolithic Curb and Sidewalks, Splash Strips and Bull-noses:

Slip Form Paving

[4J32A71F](#) – Period 1*
[4L32A71P](#) – Period 2*

Hand Placement

[8J32A71F](#) – Period 1*
[8L32A71P](#) – Period 2*

TYPE 2 Concrete for Sidewalks, Residential Approaches, Median Slabs and Other Related Works:

[WJ30A71F](#) – Period 1*
[WL30A71P](#) – Period 2*

Reference Section – 6.4 in CW 3310-R17

**Concrete for Early Opening of Pavements
20 MPA in 72 hours**

Slip Form Paving

[EG32A61F](#) – Period 1*
[EG32A61P](#) – Period 2*

Hand Placement

[EG32A71F](#) – Period 1*
[EG32A71P](#) – Period 2*

20 MPA in 24 hours

Slip Form Paving

[EG45A61P](#) – No Fly ash Allowed

Hand Placement

[EG45A71P](#) – Period 1*
[EG45A71W](#) – Period 2*

Reference Section – 6.6 in CW 3310-R17

Concrete for Temporary Restoration of Utility Pavement Cuts

[UF15A6E0](#) – No Fly ash Allowed

*** Fly Ash Restrictions - Period 1 – May 16 through September 30, Period 2 – October 1 through May 15**



2023 CONCRETE MIX DESIGN APPROVAL

Concrete Supplier: Maple Leaf Construction Ltd.
Plant Location: 2245 Brookside Blvd

Date: June 2023

Period	Type of Concrete	Type of Paving	Mix Code	Status		Period	Type of Concrete	Type of Paving	Mix Code	Status
Period 1	Type 1	SF**	352010	Approved		Type 1	SF**	352011	Approved	
		HP**	352012	Approved			HP**	352013	Approved	
	Type 2	SF	322020	Approved		Type 2	SF	322021	Approved	
		HP	322022	Approved			HP	322023	Approved	
	Type 3	SF	352030	Approved		Type 3	SF	352031	Approved	
		HP	352032	Approved			HP	352033	Approved	
	Type 4	SF	352040	Approved		Type 4	SF	352041	Approved	
		HP	352042	Approved			HP	352043	Approved	
	Type 5	SF	-	-		Type 5	SF	-	-	
		HP	302052	Approved			HP	302053	Approved	
	Type 6	SF	-	-		Type 6	SF	-	-	
		HP	352063	Approved			HP	352063	Approved	
	Type 7	SF	-	-		Type 7	SF	-	-	
		HP	302073	Approved			HP	302073	Approved	
					Cold Weather Concrete	SF	CWC01	Approved		
						HP	CWC02	Approved		

Should you have any questions, or if clarification is required, please contact me at your convenience.

Yours truly,

Ahmed Ghazy, Ph.D., P.Eng., PMP, Research and Standards Engineer

Reference Section – 6.2 in CW3310-R17

TYPE 1 Concrete for Pavements, Commercial Approaches, Curb and Gutter Sections, Curbs, Monolithic Curb and Sidewalks, Splash Strips and Bull-noses:

<u>Slip Form Paving</u>		<u>Hand Placement</u>
Curbs	Pavements	
322071 – Period 1*	322071 – Period 1*	322073 – Period 1*
322072 – Period 2*	322072 – Period 2*	322074 – Period 2*

TYPE 2 Concrete for Sidewalks, Residential Approaches, Median Slabs and Other Related Works:

302075 – Period 1*
302076 – Period 2*

Reference Section – 6.4 in CW3310-R17

**Concrete for Early Opening of Pavements
20 MPA in 72 hours:**

<u>Slip Form</u>	<u>Hand Placement</u>
202071HE – Period 1*	202073HE – Period 1*
202072HE – Period 2*	202074HE – Period 2*

20MPa in 24 Hours:

202081HE – No Fly Ash Allowed

Reference Section – 6.6 in CW3310-R17

Concrete for Temporary Restoration of Utility Pavement Cuts

202081HE

*** Fly Ash Restrictions - Period 1 – May 16 through September 30, Period 2 – October 1 through May 15**