West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-CS1.601 Claxton Smith Concrete - Poca **Expiration Date:**
Last Inspection: 11/08/2024 **Sticker Expires:** 05/08/2025 **Standard Deviation:** 1303.01 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100844-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	9/10/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	3000	1.604	3.615	840.09	4347.5	<	5262	<	6036.93

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-RRM1.02.601 The Wells Group - Belle **Expiration Date:**
Last Inspection: 04/29/2024 **Sticker Expires:** 10/29/2024 **Standard Deviation:** 818.42 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300402-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
73	3000	1.5	3	721.93	4082.9	<	4600.68	<	5165.79

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Less than 2 inches				
2300402-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
14	3000	1.557	3.313	917.86	4429.11	<	5695	<	6040.87

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-MRM1.601 The Wells Group - Winfield (Formerly Mozack) **Expiration Date:**
Last Inspection: 11/14/2024 **Sticker Expires:** 05/14/2025 **Standard Deviation:** 957.07 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200135-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/3/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
50	3000	1.5	3	629.85	3944.78	<	4656.6	<	4889.55

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300400-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
376	3000	1.5	3	677.78	4016.67	<	4763.35	<	5033.34

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301332-PCC	501.003.001.02 Concrete, Pavement, With Fly Ash, Slag Cement, Natural SCM	5/24/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
18	3000	1.533	3.175	866.95	4329.03	<	4777.78	<	5752.57

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Less than 2 inches				
2200135-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/3/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
12	3000	1.576	3.429	764.48	5631.67	>	5621.4	=	0

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Less than 2 inches				
2300400-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
24	3000	1.513	3.067	1089.57	4648.52	<	5441.67	<	6341.71

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-RRM1.03.601 The Wells Group - Mardi Gras, Winfield **Expiration Date:**
Last Inspection: 11/14/2024 **Sticker Expires:** 05/14/2025 **Standard Deviation:** 1698.55 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2002604-PCC	501.003.001.01 Concrete, Pavement	7/30/2023	752	705

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
41	3000	1.5	3	1141.04	7879.76	>	6423.12	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-TWG7.601 The Wells Group - Madison **Expiration Date:**
Last Inspection: 03/05/2025 **Sticker Expires:** 09/05/2025 **Standard Deviation:** 889.57 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300395-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	540.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
31	3000	1.5	3	593.92	4939.03	>	4781.76	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-CCC5.601 The Wells Group - Gallipolis, OH **Expiration Date:**
Last Inspection: 03/04/2025 **Sticker Expires:** 09/04/2025 **Standard Deviation:** 815.43 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300408-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
14	3000	1.557	3.313	596.7	3929.06	<	4917.14	<	4976.87

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-HMX5.601 Heidelberg - Winfield **Expiration Date:**
Last Inspection: 04/01/2025 **Sticker Expires:** 10/01/2025 **Standard Deviation:** 694.64 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100551-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/8/2024	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	3000	1.604	3.615	727.58	4167.04	<	4900	<	5630.2

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300378-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/31/2026	564	540.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
42	3000	1.5	3	557.28	4780	>	4671.84	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

05/16/2025

West Virginia
Department of Transportation

PCC Plant Evaluation with Cement Factors

District: District 01 **Facility:** F-HMX7.601 Heidelberg - Charleston **Expiration Date:**
Last Inspection: 05/09/2025 **Sticker Expires:** 11/09/2025 **Standard Deviation:** 985.46 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2000472-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	7/1/2023	545	498

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
26	3000	1.508	3.044	450.6	5205.77	>	4371.63	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2000477-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	7/1/2023	545	498

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
13	3000	1.565	3.365	529.02	5530.77	>	4780.15	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300381-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/31/2026	658	658

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
60	3000	1.5	3	953.01	4429.51	<	5289.17	<	5859.03

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2304015-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	03/01/2027	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
15	3000	1.549	3.27	683.38	4058.56	<	4954	<	5234.65

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 02 **Facility:** F-ATA1.601 Adams Trucking & Supply - Barboursville **Expiration Date:**
Last Inspection: 09/18/2024 **Sticker Expires:** 03/18/2025 **Standard Deviation:** 668.33 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1465018-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	7/17/2024	639	639

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
18	4000	1.533	3.175	516.55	4791.87	<	5236.67	<	5640.05

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1465064-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	7/17/2024	545	521.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X- (Fc+K2s)/200)
108	3000	1.5	3	616.75	5002.31	>	4850.25	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2400605-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	03/20/2024	564	540.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X- (Fc+K2s)/200)
65	3000	1.5	3	602.51	5021.69	>	4807.53	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 02 **Facility:** F-TWG1.601 The Wells Group - South Williamson, KY **Expiration Date:**
Last Inspection: 10/04/2024 **Sticker Expires:** 04/04/2025 **Standard Deviation:** 358.71 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301572-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	6/14/2026	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
14	3000	1.557	3.313	312.94	4864.29	>	4036.77	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 02 **Facility:** F-TWG3.601 The Wells Group - Wayne **Expiration Date:**
Last Inspection: 11/22/2024 **Sticker Expires:** 05/22/2025 **Standard Deviation:** 1093.63 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100167-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	2/24/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
14	3000	1.557	3.313	701.76	4092.64	<	4460	<	5324.93

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2303332-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	11/08/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
15	3000	1.549	3.27	588.29	3911.26	<	4502	<	4923.71

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 02 **Facility:** F-TWG6.601 The Wells Group - Logan **Expiration Date:**
Last Inspection: 03/06/2025 **Sticker Expires:** 09/06/2025 **Standard Deviation:** 971.71 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301570-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	6/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
86	3000	1.5	3	682.73	4024.1	<	4983.72	<	5048.19

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301577-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	6/21/2026	658	658

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
12	4000	1.576	3.429	837.33	5319.63	<	5841.67	<	6871.2

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301587-PCC	601.003.002.03 Concrete, Class K, Modified Strength	07/14/2026	658	658

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	4000	1.604	3.615	349.28	4560.25	<	5252	<	5262.65

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 02 **Facility:** F-HMX8.601 Heidelberg - Huntington **Expiration Date:**
Last Inspection: 11/11/2024 **Sticker Expires:** 05/11/2025 **Standard Deviation:** 843.55 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2304016-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/1/2027	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
172	3000	1.5	3	795.99	4193.99	<	4496.05	<	5387.97

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 03 **Facility:** F-CRH2.13.601 Central Supply - Pennsboro **Expiration Date:**
Last Inspection: 02/24/2025 **Sticker Expires:** 08/24/2025 **Standard Deviation:** 871.40 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1458976-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/18/2023	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	3000	1.604	3.615	817.24	4310.85	<	5198	<	5954.32

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301324-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	5/19/2026	524	524

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
24	3000	1.513	3.067	565.47	3855.56	<	3957.5	<	4734.3

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 03 **Facility:** F-CCC1.601 The Wells Group - Ravenswood **Expiration Date:**
Last Inspection: 12/23/2024 **Sticker Expires:** 06/23/2025 **Standard Deviation:** 645.23 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300397-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
11	3000	1.588	3.51	399.93	3635.09	<	4324.55	<	4403.75

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2302459-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	10/13/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
64	3000	1.5	3	514.17	4608.91	>	4542.51	=	0

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 03 **Facility:** F-CCC2.601 The Wells Group - Parkersburg **Expiration Date:**
Last Inspection: 02/28/2025 **Sticker Expires:** 08/31/2025 **Standard Deviation:** 914.83 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100404-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/9/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
41	3000	1.5	3	560.66	3840.99	<	4018.78	<	4681.98

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300398-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
144	3000	1.5	3	633.59	3950.38	<	4108.75	<	4900.77

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Less than 2 inches				
2300398-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/14/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
36	3000	1.5	3	608.01	3912.02	<	4567.5	<	4824.03

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 03 **Facility:** F-HMX6.601 Heidelberg - Parkersburg **Expiration Date:**

Last Inspection: 03/12/2025 **Sticker Expires:** 09/12/2025 **Standard Deviation:** 1160.82 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<---------- Evaluation of Cement Requirements ---------->									
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
2200191-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	11/21/2025	564	564	13	3000	1.565	3.365	700.83	4096.8	<	4483.08	<	5358.29
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26									

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<---------- Evaluation of Cement Requirements ---------->									
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
2400637-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	06/11/2027	564	564	34	3000	1.5	3	775.4	4163.1	<	4554.41	<	5326.2
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26									

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 03 **Facility:** F-SCC5.601 Smith Concrete - Belpre, OH **Expiration Date:**
Last Inspection: 02/24/2025 **Sticker Expires:** 08/24/2025 **Standard Deviation:** 621.53 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301358-PCC	601.003.003.01 Concrete, Class B - Straight Cement	06/22/2026	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
12	3000	1.576	3.429	463.54	5600	>	4589.48	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 04 **Facility:** F-CCC3.601 The Wells Group - Bridgeport **Expiration Date:**
Last Inspection: 01/17/2025 **Sticker Expires:** 07/17/2025 **Standard Deviation:** 1108.13 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100409-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/20/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
29	3000	1.503	3.016	616.44	3926.51	<	4464.83	<	4859.18

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301618-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	08/11/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
62	3000	1.5	3	532.79	3799.18	<	4495	<	4598.37

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 04 **Facility:** F-CRH2.01.601 Central Supply - Saltwell **Expiration Date:**
Last Inspection: 02/24/2025 **Sticker Expires:** 08/24/2025 **Standard Deviation:** 1255.51 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301317-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	5/15/2026	618	665

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K1s)		(Fc+K1s)-X /200)
20	4000	1.525	3.13	1163.24	5448.5	<	-2226.06	=	47

INCREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301318-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	5/16/2026	524	524

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
80	3000	1.5	3	748.84	4123.26	<	4497.88	<	5246.52

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301360-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	6/23/2026	592	592

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
18	4000	1.533	3.175	625.54	4958.95	<	5957.22	<	5986.09

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 04 **Facility:** F-CRH2.02.601 Central Supply - Westover **Expiration Date:**
Last Inspection: 02/24/2025 **Sticker Expires:** 08/24/2025 **Standard Deviation:** 982.91 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1434193-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/14/2024	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
27	3000	1.507	3.034	1021.74	4539.76	<	5059.26	<	6099.96

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301359-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	06/23/2026	524	524

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
176	3000	1.5	3	730.61	4095.92	<	4621.02	<	5191.83

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301631-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	08/25/2026	592	592

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
23	4000	1.515	3.081	879.05	5331.76	<	6221.74	<	6708.35

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301632-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	08/25/2026	618	618

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
42	4000	1.5	3	755.91	5133.86	<	5432.14	<	6267.73

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 04 **Facility:** F-RDR1.601 R.D.R. Concrete - Clarksburg **Expiration Date:**
Last Inspection: 03/24/2025 **Sticker Expires:** 09/24/2025 **Standard Deviation:** 1242.24 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300367-PCC	601.003.008.02 Concrete, Class DC, With Fly Ash, Slag Cement, Natural SCM	02/10/2023	705	775.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K1s)		(Fc+K1s)-X /200)
12	4500	1.576	3.429	687.4	5126.67	<	-3416.66	=	70.5

INCREASE CEMENT FACTOR BY 70.5 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300368-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	2/17/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
172	3000	1.5	3	576.35	3864.52	<	4570.12	<	4729.05

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301648-PCC	501.003.001.02 Concrete, Pavement, With Fly Ash, Slag Cement, Natural SCM	02/17/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
14	3000	1.557	3.313	530.21	3825.54	<	4364.29	<	4756.59

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2400628-PCC	601.003.003.03 Concrete, Class B, Modified Strength	06/26/2024	639	592

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
19	3000	1.528	3.151	728.6	7860	>	5295.82	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 05 **Facility:** F-TBH1.601 Thomas, Bennet & Hunter - Martinsburg **Expiration Date:**
Last Inspection: 03/10/2025 **Sticker Expires:** 09/10/2025 **Standard Deviation:** 785.82 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2000432-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	6/23/2022	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
308	3000	1.5	3	663.06	6004.29	>	4989.18	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300372-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/7/2026	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
134	3000	1.5	3	640.6	5848.96	>	4921.8	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Less than 2 inches				
2300372-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/7/2026	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
17	3000	1.538	3.202	670.91	6751.76	>	5148.25	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 05 **Facility:** F-FMI4.601 Fairfax Materials - PCC - Scherr USE THIS FACILITY **Expiration Date:**

Last Inspection: 03/25/2025 **Sticker Expires:** 09/25/2025 **Standard Deviation:** 1154.94 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1463275-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	10/13/2024	545	498

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
17	3000	1.538	3.202	726.46	5642.35	>	5326.12	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1463278-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	11/13/2024	635	635

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	4000	1.604	3.615	833.45	5336.85	<	5650	<	7012.92

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 06 **Facility:** F-TRS1.601 Smith Concrete @ Bellaire, OH **Expiration Date:**
Last Inspection: 03/18/2025 **Sticker Expires:** 09/18/2025 **Standard Deviation:** 2299.06 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301596-PCC	601.003.005.01 Concrete, Class D - Straight Cement	7/19/2026	400	353

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
21	2000	1.521	3.112	534.24	3987.14	>	3662.55	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301598-PCC	601.003.002.01 Concrete, Class K - Straight Cement	7/20/2026	658	658

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)	Average Strength (X)		(Fc + K2s)
30	4000	1.501	3.008	626.01	4939.64	< 5226.67	<	5883.04

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 06 **Facility:** F-WIC1.601 Weirton Ice & Coal - Weirton **Expiration Date:**

Last Inspection: 03/14/2025 **Sticker Expires:** 09/14/2025 **Standard Deviation:** 803.81 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<---------- Evaluation of Cement Requirements ---------->								
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
2301349-PCC	601.003.003.01 Concrete, Class B - Straight Cement	5/26/2026	564	517	78	3000	1.5	3	722.51	6065.51	>	5167.53	=	47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26								

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<---------- Evaluation of Cement Requirements ---------->								
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
2302488-PCC	601.003.002.01 Concrete, Class K - Straight Cement	10/16/2026	658	611	22	4000	1.518	3.096	612.49	7060	>	5896.27	=	47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26								

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 06 **Facility:** F-ABL1.601 A.B.&L. Concrete & Supply - Shadyside, OH **Expiration Date:**
Last Inspection: 11/27/2024 **Sticker Expires:** 05/27/2025 **Standard Deviation:** 2126.84 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300374-PCC	601.003.003.01 Concrete, Class B - Straight Cement	3/9/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
82	3000	1.5	3	596.01	3894.02	<	4602.44	<	4788.03

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300376-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	3/13/2026	648	648

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
11	4000	1.588	3.51	732.35	6632.73	>	6570.55	=	0

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300377-PCC	601.003.002.01 Concrete, Class K - Straight Cement	3/21/2026	658	658

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
25	4000	1.511	3.055	942.78	5424.54	<	5621.2	<	6880.19

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 06 **Facility:** F-HMX2.601 Heidelberg - New Martinsville **Expiration Date:**
Last Inspection: 03/11/2025 **Sticker Expires:** 09/11/2025 **Standard Deviation:** 1087.08 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300388-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/7/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
47	3000	1.5	3	763.69	4145.54	<	4553.4	<	5291.07

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300392-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	4/11/2026	648	648

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	4000	1.604	3.615	509.64	4817.46	<	5683	<	5842.35

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 06 **Facility:** F-HMX4.601 Heidelberg - McMechen **Expiration Date:**
Last Inspection: 03/11/2025 **Sticker Expires:** 09/11/2025 **Standard Deviation:** 1172.11 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2000471-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	7/1/2023	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
41	3000	1.5	3	633.07	3949.6	<	4751.95	<	4899.21

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300389-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/7/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
27	3000	1.507	3.034	813.84	4226.46	<	4687.04	<	5469.19

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300391-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	4/11/2026	658	728.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K1s)		(Fc+K1s)-X /200)
10	4000	1.604	3.615	608.99	4444	<	-3023.18	=	70.5

INCREASE CEMENT FACTOR BY 70.5 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 07 **Facility:** F-CRH2.04.601 Central Supply - Gassaway **Expiration Date:**
Last Inspection: 02/27/2025 **Sticker Expires:** 08/27/2025 **Standard Deviation:** 1226.60 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1434202-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/5/2026	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
11	3000	1.588	3.51	821.86	4305.11	<	4765.45	<	5884.73

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301321-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	5/19/2026	524	524

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
69	3000	1.5	3	818.79	4228.18	<	4741.74	<	5456.37

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301344-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	5/23/2026	618	618

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
28	4000	1.505	3.024	650.24	4978.61	<	5077.86	<	5966.33

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2302451-PCC	679.002.002.2 Concrete, Microsilica	11/01/2026	730	730

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
11	4000	1.588	3.51	1208.35	5918.86	<	6878.18	<	8241.31

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 07 **Facility:** F-CRH2.06.601 Central Supply - Buckhannon **Expiration Date:**
Last Inspection: 02/25/2025 **Sticker Expires:** 08/25/2025 **Standard Deviation:** 987.58 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1434200-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/5/2026	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
18	3000	1.533	3.175	648.22	3993.72	<	4756.11	<	5058.1

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301319-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	5/19/2026	524	524

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
51	3000	1.5	3	740.21	4110.32	<	4531.96	<	5220.63

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301342-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	5/23/2026	618	618

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
26	4000	1.508	3.044	708.08	5067.78	<	5331.54	<	6155.4

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 07 **Facility:** F-ACE1.701 Ace Materials - Buckhannon **Expiration Date:**
Last Inspection: 12/03/2024 **Sticker Expires:** 06/03/2025 **Standard Deviation:** 590.58 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2300410-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/20/2026	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
21	3000	1.521	3.112	676.08	4028.32	<	4212.38	<	5103.96

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 08 **Facility:** F-FMI3.601 Fairfax Materials - PCC - Thomas **Expiration Date:**
Last Inspection: 03/26/2025 **Sticker Expires:** 09/26/2025 **Standard Deviation:** 957.18 **Rating** A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1463273-PCC	601.003.003.01 Concrete, Class B - Straight Cement	11/13/2024	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
16	3000	1.543	3.233	669.41	4032.9	<	4735	<	5164.2
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26									

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 08 **Facility:** F-CRH2.03.601 Central Supply - Elkins **Expiration Date:**
Last Inspection: 02/26/2025 **Sticker Expires:** 08/26/2025 **Standard Deviation:** 1253.01 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1434201-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	3/5/2023	545	545

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	3000	1.604	3.615	663.65	4064.49	<	4734	<	5399.09

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301312-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	5/11/2026	592	568.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
22	4000	1.518	3.096	728.75	6394.55	>	6256.21	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301320-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	5/19/2026	524	524

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
33	3000	1.5	3	1020.86	4531.29	<	4580.3	<	6062.58

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301343-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	5/23/2026	618	712

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K1s)		(Fc+K1s)-X /200)
14	4000	1.557	3.313	1494.3	5575.71	<	-1673.37	=	94

INCREASE CEMENT FACTOR BY 94 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301613-PCC	601.003.001.02 Concrete, Class A, With Fly Ash, Slag Cement, Natural SCM	08/10/2026	682	682

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
15	3500	1.549	3.27	1339.98	5575.63	<	6386	<	7881.73

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 08 **Facility:** F-FMI5.601 Fairfax Materials - PCC - Parsons **Expiration Date:**
Last Inspection: 03/26/2025 **Sticker Expires:** 09/26/2025 **Standard Deviation:** 584.93 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100542-PCC	601.003.003.01 Concrete, Class B - Straight Cement	11/13/2024	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
22	3000	1.518	3.096	379.7	4737.27	>	4175.55	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100548-PCC	601.003.008.01 Concrete, Class DC - Straight Cement	10/22/2026	705	705

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)	Average Strength (X)		(Fc + K2s)
74	4500	1.5	3	436.51	5154.77	< 5587.84	<	5809.53

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100840-PCC	601.003.003.03 Concrete, Class B, Modified Strength	11/13/2024	555	508

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
228	3000	1.5	3	440.05	5194.65	>	4320.15	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200183-PCC	601.003.003.03 Concrete, Class B, Modified Strength	4/7/2027	564	517

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
176	3000	1.5	3	407.91	4908.64	>	4223.73	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2400630-PCC	601.003.003.03 Concrete, Class B, Modified Strength	05/22/2027	693	646

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
11	3000	1.588	3.51	589.97	6304.55	>	5070.79	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 09 **Facility:** F-CRH2.11.601 Central Supply - Alta **Expiration Date:**
Last Inspection: 04/15/2025 **Sticker Expires:** 10/15/2025 **Standard Deviation:** 1324.07 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200110-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	04/01/2025	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
13	3000	1.565	3.365	779.39	4219.75	<	4812.31	<	5622.65

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 10 **Facility:** F-CRH2.09.601 Central Supply - Princeton **Expiration Date:**
Last Inspection: 11/12/2024 **Sticker Expires:** 05/12/2025 **Standard Deviation:** 1208.08 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2103804-PCC	601.003.003.03 Concrete, Class B, Modified Strength	3/9/2025	600	600

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
10	3000	1.604	3.615	641.99	4029.75	<	4998	<	5320.79

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200112-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/4/2025	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
160	3000	1.5	3	605.98	3908.97	<	4351.88	<	4817.94

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200142-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	5/5/2025	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
102	3000	1.5	3	671.63	4007.44	<	4492.75	<	5014.89

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200156-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	06/03/2025	632	585

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
11	4000	1.588	3.51	322	6592.73	>	5130.22	=	47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200161-PCC	601.003.008.02 Concrete, Class DC, With Fly Ash, Slag Cement, Natural SCM	6/8/2025	705	705

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
11	4500	1.588	3.51	888.33	5910.67	<	7296.36	<	7618.04

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor

<---------- Evaluation of Cement Requirements ---------->

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

Data Slump Less than 2 inches

					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
2200112-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/4/2025	564	517	34	3000	1.5	3	429.03	5307.65	>	4287.09	=	47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26									

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 10 **Facility:** F-CRH2.07.601 Central Supply - Mabscott **Expiration Date:**
Last Inspection: 11/07/2024 **Sticker Expires:** 05/07/2025 **Standard Deviation:** 1590.86 **Rating** B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200115-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/6/2025	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
12	3000	1.576	3.429	458.3	3722.28	<	4257.5	<	4571.51

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301305-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	05/05/2025	564	540.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
37	3000	1.5	3	547.01	4810.54	>	4641.03	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301306-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/4/2025	564	564

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
174	3000	1.5	3	513.03	3769.54	<	4534.37	<	4539.09

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2301309-PCC	601.003.002.02 Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	05/10/2026	658	658

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
22	4000	1.518	3.096	631.73	4958.97	<	5516.82	<	5955.84

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: District 10 **Facility:** F-JRM1.601 Jowar Ready Mix - Ieager **Expiration Date:**
Last Inspection: 03/17/2025 **Sticker Expires:** 09/17/2025 **Standard Deviation:** 939.86 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
1463341-PCC	601.003.003.02 Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	4/23/2025	615	615

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
39	3000	1.5	3	541.61	4672.82	>	4624.83	=	0

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2000463-PCC	601.003.006.02 Concrete, Class H, With Fly Ash, Slag Cement, Natural SCM	7/23/2026	632	608.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
11	4000	1.588	3.51	571.79	6172.73	>	6006.98	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2100841-PCC	601.003.008.02 Concrete, Class DC, With Fly Ash, Slag Cement, Natural SCM	8/24/2024	705	752

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K1s)		(Fc+K1s)-X /200)
17	4500	1.538	3.202	1162.12	6005.88	<	-2712.66	=	47

INCREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: **Facility:** F-TRI0.601 Triton Construction **Expiration Date:**

Last Inspection: **Sticker Expires:** **Standard Deviation:** 3822.41 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<---------- Evaluation of Cement Requirements ---------->									
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
1459800-PCC	679.002.002.1 Concrete, Latex Modified	7/17/2026	354	354	13	4000	1.565	3.365	1445.45	6262.13	<	7715.38	<	8863.94
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26									

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<---------- Evaluation of Cement Requirements ---------->									
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc + K1s)		Average Strength (X)		(Fc + K2s)
2301595-PCC	679.002.002.1 Concrete, Latex Modified	07/19/2026	658	658	11	4000	1.588	3.51	1254.01	5991.37	<	7292.73	<	8401.58
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26									

West Virginia
Department of Transportation

05/16/2025

PCC Plant Evaluation with Cement Factors

District: **Facility:** F-IVS1.679 IVS Hydro Demolition - Mobile Plant **Expiration Date:**

Last Inspection: **Sticker Expires:** **Standard Deviation:** 1207.36 **Rating** A-2

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
Data Slump Greater than or equal to 2 inches				
2200133-PCC	679.002.002.1 Concrete, Latex Modified	4/28/2025	658	634.5

<---------- Evaluation of Cement Requirements ---------->

Pieces of Data	Design Strength (fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength (X)		(Fc + K2s)		X-(Fc+K2s)/200)
23	4000	1.515	3.081	1162.46	7703.48	>	7581.54	=	23.5

DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26