

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Aca Products Inc.

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022030	ACA606	Concrete, Class D	4.0	0.41	Class 1 Sulfate Resistance	11/17/2023

## Aggregate Industries - WCR (Holcim-US)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021166	9456830S	Concrete, Class G	4.5	0.41	Class 2 Sulfate Resistance	10/07/2023
2022058	94526285	Concrete, Class DR	6.0	0.33	Class 1 Sulfate Resistance	11/19/2023
2022086	945662MF	Concrete, Class DF	3.25	0.42	Class 2 Sulfate Resistance	01/11/2024
2022110	9506722	Concrete, Class S35	5.0	0.36	Class 2 Sulfate Resistance	01/11/2024

## All Rite Paving & Redi Mix

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023110	ALLBZA20F23	Concrete, Class BZ	7.0	0.44	Class 2 Sulfate Resistance	03/01/2025
2023111	ALLDP20F23	Concrete, Class D/P	3.25	0.99	Class 2 Sulfate Resistance	03/01/2025

## Boulder Ready Mix

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023052	BRM076	Concrete, Class D	5.0	0.38	Class 0 Sulfate Resistance	12/27/2024

## Brannan - Ready Mixed

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022035	108814GE	Concrete, Class D/P	4.0	0.32	Class 2 Sulfate Resistance	11/04/2023
2022047	840917R	Concrete, Class BZ	6.1	0.41	Class 2 Sulfate Resistance	01/01/2024
2022056	245814G	Concrete, Class P	4.00	0.40	Class 2 Sulfate Resistance	11/04/2023
2022061	145813R	Concrete, Class D	3.0	0.40	Class 2 Sulfate Resistance	12/07/2023
2022063	245814R	Concrete, Class P	4.0	0.40	Class 2 Sulfate Resistance	11/04/2023
2022064	845COLOR	Concrete, Class B	3.0	0.40	Class 2 Sulfate Resistance	01/01/2024
2022084	145812G	Concrete, Class D	2.0	0.34	Class 2 Sulfate Resistance	11/04/2023
2022088	245812G	Concrete, Class D/P	2.0	0.39	Class 2 Sulfate Resistance	11/04/2023
2022089	845814R	Concrete, Class DT	4.0	0.40	Class 2 Sulfate Resistance	01/01/2024
2022092	145815G	Concrete, Class D	5.0	0.38	Class 2 Sulfate Resistance	11/04/2023
2022093	145814R	Concrete, Class D	4.0	0.38	Class 2 Sulfate Resistance	12/07/2023
2022094	145814G	Concrete, Class S35	4.0	0.40	Class 2 Sulfate Resistance	11/04/2023
2022095	845813R	Concrete, Class B	3.0	0.40	Class 2 Sulfate Resistance	01/01/2024
2022096	158814G	Concrete, Class S40	4.0	0.38	Class 2 Sulfate Resistance	11/04/2023
2022109	145813GM	Concrete, Class DF	3.0	0.40	Class 2 Sulfate Resistance	11/04/2023
2023006	145813G	Concrete, Class D	3.0	0.40	Class 2 Sulfate Resistance	11/04/2023

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Brannan - Ready Mixed (Continued)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023027scc	370819R	Concrete, Class D	26.0	0.28	Class 2 Sulfate Resistance	12/07/2023
2023036	145812R	Concrete, Class D	2.0	0.42	Class 2 Sulfate Resistance	01/01/2024
2023039	145816RM	Concrete, Class DF	6.0	0.41	Class 2 Sulfate Resistance	12/07/2024
2023082	150814R	Concrete, Class S35	4.0	0.43	Class 2 Sulfate Resistance	01/01/2024

## Brannan Ready Mix

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021161	350919R	Concrete, Class S35	26	0.29	Class 2 Sulfate Resistance	08/31/2023
2022046	840907R	Concrete, Class BZ	8.0	0.42	Class 2 Sulfate Resistance	01/01/2024
2022055	112814GE	Concrete, Class P	4.0	0.31	Class 2 Sulfate Resistance	11/04/2023
2022057	124814GE	Concrete, Class P	4.0	0.35	Class 2 Sulfate Resistance	11/04/2023
2022085	245814G	Concrete, Class P	4.0	0.40	Class 2 Sulfate Resistance	11/04/2023

## BURNCO

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021191	40C1C0D7C	Concrete, Class BZ	7.5	0.44	Class 2 Sulfate Resistance	09/27/2023
2021192	40C1C1D7C	Concrete, Class BZ	7.5	0.44	Class 2 Sulfate Resistance	09/27/2023
2021193	45J3C1N6C	Concrete, Class G	6.0	0.36	Class 2 Sulfate Resistance	09/27/2023
2022002	45A1N1C2C	Concrete, Class D/P	2.0	0.38	Class 2 Sulfate Resistance	08/19/2023
2022003	45A1N1C4C	Concrete, Class D/P	4.0	0.40	Class 2 Sulfate Resistance	08/12/2023
2022103	45A2N1C4L	Concrete, Class D/P	4.0	0.42	Class 2 Sulfate Resistance	09/27/2023
2022122	45C1C1C2C	Concrete, Class D/P	2.0	0.43	Class 2 Sulfate Resistance	09/20/2024
2022123	45C1C1C4C	Concrete, Class D/P	4.0	0.43	Class 2 Sulfate Resistance	09/20/2024
2023005	45J1D1C2C	Concrete, Class D/P	2.5	0.43	Class 2 Sulfate Resistance	10/24/2024
2023016	45J1C1C2C	Concrete, Class D/P	2.0	0.43	Class 2 Sulfate Resistance	10/24/2024
2023017	45J1C1C4C	Concrete, Class D/P	4.0	0.43	Class 2 Sulfate Resistance	10/24/2024
2023018	45J1D1C4C	Concrete, Class D/P	4.5	0.43	Class 2 Sulfate Resistance	10/24/2024
2023084	45A2N1C4L	Concrete, Class DF	3.5	0.42	Class 2 Sulfate Resistance	10/18/2024

## BURNCO (fka Action Ready Mix)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022102	45F5C1C2K	Shotcrete	2.5	0.43	Class 2 Sulfate Resistance	05/16/2024
2022130	40F5C0C8C	Concrete, Class BZ	7.0	0.45	Class 2 Sulfate Resistance	05/16/2024
2022131	45E5C1C4C	Concrete, Class D/P	3.0	0.45	Class 2 Sulfate Resistance	07/13/2024
2022132	45E5C1C2C	Concrete, Class D/P	4.5	0.45	Class 2 Sulfate Resistance	07/13/2024
2022133	A45SHOTE	Shotcrete	2.75	0.43	Class 2 Sulfate Resistance	05/16/2024
2023003	S35	Concrete, Class S35	7.0	0.44	Class 2 Sulfate Resistance	05/16/2024

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## BURNCO (fka Action Ready Mix) (Continued)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023020	N40BZ	Concrete, Class BZ	7.0	0.45	Class 2 Sulfate Resistance	05/16/2024

## Concrete Works Of Colorado Inc.

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023054	77563	Concrete, Class D/P	2.0	0.41	Class 2 Sulfate Resistance	01/11/2024

## ENCON Colorado

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023010	900-18	Concrete, Class PS	26.0	0.28	Class 0 Sulfate Resistance	01/11/2024
2023015	700-F	Concrete, Class PS	26.0	0.32	Class 0 Sulfate Resistance	01/11/2024

## Four Corners Materials

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022079	37536344	Concrete, Class D/P	3.5	0.43	Class 2 Sulfate Resistance	09/14/2023
2022080	33836344	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	09/14/2023
2022090	37536346	Concrete, Class D	3.5	0.43	Class 2 Sulfate Resistance	09/14/2023
2022091	37536344	Concrete, Class D/P	3.75	0.43	Class 2 Sulfate Resistance	09/14/2023

## Fremont Paving And Redi-Mix, Inc.

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022014	PWBZA25F21	Concrete, Class BZ	6.0	0.44	Class 2 Sulfate Resistance	11/01/2023
2022015	PWBZ25F21	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	11/01/2023
2022016	PWDP20F21	Concrete, Class D/P	3.75	0.42	Class 2 Sulfate Resistance	11/01/2023
20220273	PWDP20RFA22	Concrete, Class D/P	3.75	0.43	Class 2 Sulfate Resistance	11/01/2023
2022075	PWBZ20RFA22	Concrete, Class BZ	8.5	0.45	Class 2 Sulfate Resistance	11/01/2023
2022076	PWBZA20RFA22	Concrete, Class BZ	6.25	0.45	Class 2 Sulfate Resistance	11/01/2023

## GCC of America [Pueblo]

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023001	108754	Concrete, Class B	3.5	0.45	Class 2 Sulfate Resistance	03/01/2024

## Hard Rock Concrete

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023098	HRDP20F23	Concrete, Class D/P	2.75	0.42	Class 2 Sulfate Resistance	02/01/2025

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Hard Rock Concrete (Continued)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023105	HRBZA20F23	Concrete, Class BZ	7.0	0.43	Class 2 Sulfate Resistance	02/01/2025

## Holcim (US) Inc. [Portland]

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023106	74592110DT	Concrete, Class B	6.0	0.45	Class 2 Sulfate Resistance	02/27/2025

## Holcim-US (fka Aggregate Industries)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022129	9458423F	Concrete, Class B	4.0	0.42	Class 2 Sulfate Resistance	01/11/2024
2023007	94088087	Concrete, Class BZ	8.5	0.44	Class 2 Sulfate Resistance	01/11/2024
2023022	94099097	Concrete, Class BZ	8.75	0.45	Class 2 Sulfate Resistance	01/11/2024
2023024	9456623	Concrete, Class D/P	3.0	0.42	Class 2 Sulfate Resistance	01/11/2024
2023079	94098887	Concrete, Class BZ	7.5	0.45	Class 2 Sulfate Resistance	02/22/2024
2023081	94088887	Concrete, Class BZ	7.75	0.44	Class 2 Sulfate Resistance	02/22/2024
2023083	94563463	Concrete, Class P	7.0	0.30	Class 2 Sulfate Resistance	01/11/2024
2023090	94093087	Concrete, Class BZ	9.0	0.40	Class 2 Sulfate Resistance	05/06/2024
2023091	9456749D	Concrete, Class D	5.0	0.39	Class 2 Sulfate Resistance	09/22/2024
2023092	94088090	Concrete, Class BZ	7.5	0.44	Class 2 Sulfate Resistance	09/23/2024
2023114	94080987	Concrete, Class BZ	8.0	0.44	Class 2 Sulfate Resistance	03/03/2025
2023115	94090987	Concrete, Class BZ	9.0	0.44	Class 2 Sulfate Resistance	03/03/2025
2023119	94084922	Concrete, Class BZ	6.75	0.40	Class 2 Sulfate Resistance	12/11/2024

## Holcim-US (fka Transit Mix)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023004	87092110	Slope Ditch Pave, Grout Riprap	6.0	0.45	Class 2 Sulfate Resistance	09/22/2024
2023008	74182110	Concrete, Class BZ	8.25	0.45	Class 2 Sulfate Resistance	03/14/2024
2023099	7418201025	Concrete, Class BZ	9.0	0.45	Class 2 Sulfate Resistance	02/27/2025
2023101	64532120	Concrete, Class D/P	6.25	0.42	Class 2 Sulfate Resistance	04/18/2024
2023102	64592120	Concrete, Class D/P	4.0	0.43	Class 2 Sulfate Resistance	04/18/2024
2023104	64682120	Concrete, Class D/P	2.0	0.38	Class 2 Sulfate Resistance	01/16/2025
2023116	74182120	Concrete, Class BZ	8.5	0.45	Class 2 Sulfate Resistance	04/22/2024
2023121	87092120	Slope Ditch Pave, Grout Riprap	6.0	0.45	Class 2 Sulfate Resistance	08/22/2024

## Johnstown Ready Mix

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023034	JRM 076	Concrete, Class D	4.0	0.40	Class 0 Sulfate Resistance	12/01/2024

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Johnstown Ready Mix (Continued)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023035	JRM 076-F	Concrete, Class D/P	4.5	0.38	Class 2 Sulfate Resistance	12/01/2024

## Langston Concrete

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021157	90579	Concrete, Class D	3.0	0.45	Class 1 Sulfate Resistance	08/24/2023
2023002	108756	Concrete, Class B	6.5	0.45	Class 2 Sulfate Resistance	03/01/2024

## Leone Ready Mix LLC

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022042	79912	Concrete, Class BZ	7.0	0.45	Class 2 Sulfate Resistance	10/20/2023
2022043	79911	Concrete, Class D/P	2.5	0.39	Class 2 Sulfate Resistance	10/20/2023
2023012	79913	Concrete, Class DF	2.5	0.44	Class 2 Sulfate Resistance	10/20/2023

## Loveland Ready Mix

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023043	LRM076	Concrete, Class D	4.75	0.39	Class 0 Sulfate Resistance	12/01/2024
2023044	LRM076F	Concrete, Class D/P	4.75	0.38	Class 2 Sulfate Resistance	12/01/2024

## Martin Marietta Materials Inc.

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021132	CD4575	Concrete, Class D/P	4.5	0.44	Class 2 Sulfate Resistance	07/01/2023
2021136	CD4750	Concrete, Class D	5.0	0.44	Class 0 Sulfate Resistance	07/28/2023
2021137	CD4570	Concrete, Class D	5.0	0.44	Class 0 Sulfate Resistance	07/01/2023
2021145	CCD4125	Concrete, Class D	2.25	0.44	Class 0 Sulfate Resistance	07/01/2023
2021146	PBZ4775	Concrete, Class BZ	6.0	0.44	Class 1 Sulfate Resistance	08/01/2023
2021153	CD4945	Concrete, Class D	2.5	0.44	Class 0 Sulfate Resistance	07/28/2023
2021173	CD4465	Concrete, Class D	5.0	0.44	Class 1 Sulfate Resistance	08/01/2023
2022017	CD4575-755/756	Concrete, Class D/P	5.0	0.44	Class 2 Sulfate Resistance	06/30/2023
2022029	CBZ4938-755/756	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	06/30/2023

## Mathias Concrete, Inc.

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022077	CT16807001	Concrete, Class D/P	4.5	0.37	Class 2 Sulfate Resistance	03/17/2024

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Mountain Cement Company [Laramie, WY]

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023051	CDOT45070-3	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	08/10/2024

## On-Demand Concrete

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022117	BZ4000NAE	Concrete, Class BZ	9.00	0.45	Class 2 Sulfate Resistance	11/19/2023
2023028	BZE4000	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	12/29/2023

## Pate Construction

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022124	CD45D	Concrete, Class D	3.0	0.45	Class 2 Sulfate Resistance	09/10/2023
2022128	CD40BZ	Concrete, Class BZ	6.0	0.44	Class 2 Sulfate Resistance	09/06/2023

## Peak Ready Mix

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021123	82652065	Concrete, Class BZ	8.0	1.01	Class 2 Sulfate Resistance	06/15/2023
2021189	56021	Concrete, Class D	4.5	0.44	Class 2 Sulfate Resistance	10/13/2023
2022052	41122	Concrete, Class B	3.74	0.45	Class 2 Sulfate Resistance	11/29/2023
2022053	51022	Concrete, Class D/P	3.75	0.41	Class 2 Sulfate Resistance	11/29/2023
2022054	91022	Concrete, Class D/P	1.75	0.42	Class 2 Sulfate Resistance	11/29/2023
2022081	52222	Concrete, Class D	3.5	0.42	Class 2 Sulfate Resistance	12/27/2023
2022097	76022	Concrete, Class BZ	8.0	0.44	Class 2 Sulfate Resistance	11/29/2023

## Peak Ready Mix - Clear Creek Plant

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023011	58223(DF)	Concrete, Class DF	5.25	0.43	Class 2 Sulfate Resistance	12/29/2023
2023030	58023	Concrete, Class D/P	4.75	0.43	Class 2 Sulfate Resistance	12/29/2023
2023064	88023	Shotcrete	2.5	0.45	Class 2 Sulfate Resistance	12/21/2024

## Peak Ready Mix - Craig Plant

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023047	53223	Concrete, Class DF	4.5	0.43	Class 2 Sulfate Resistance	01/31/2025
2023048	53023	Concrete, Class D/P	4.5	0.42	Class 2 Sulfate Resistance	01/03/2025

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Peak Ready Mix - Silverthorne Plant

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023037	56023	Concrete, Class D/P	4.5	0.42	Class 2 Sulfate Resistance	11/29/2023
2023088	56223	Concrete, Class DF	4.0	0.42	Class 2 Sulfate Resistance	01/13/2025

## Plum Creek Structures

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2021090	830CFA20	Concrete, Class PS	26.0	0.28	Class 0 Sulfate Resistance	06/09/2023

## Ritchey's Redi-Mix Concrete

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022074	3225004A	Concrete, Class D/P	4.0	0.43	Class 2 Sulfate Resistance	09/01/2023

## Simon Contractors

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022024	3215008A	Concrete, Class G	3.00	0.41	Class 2 Sulfate Resistance	11/11/2023
2022048	3225003A	Concrete, Class D/P	3.5	0.40	Class 2 Sulfate Resistance	01/19/2024

## Smith's Materials (fka Stone Send & Gravel)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022021	4501	Concrete, Class D	3.5	0.42	Class 2 Sulfate Resistance	07/28/2023

## SRM (fka Martin Marietta)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023023	CDOT45350	Concrete, Class D	3.0	0.40	Class 2 Sulfate Resistance	01/04/2024
2023038	CDOT45071-3	Concrete, Class D/P	2.0	0.44	Class 2 Sulfate Resistance	08/10/2024
2023041	CDOT45071-4	Concrete, Class D/P	2.0	0.44	Class 2 Sulfate Resistance	09/03/2023
2023042	ZCDOT45071-4	Concrete, Class D/P	2.0	0.44	Class 2 Sulfate Resistance	09/03/2023
2023056	CDOT45070-1	Concrete, Class D	4.0	0.45	Class 0 Sulfate Resistance	04/14/2024
2023057	CDOT45071-1	Concrete, Class D	2.0	0.45	Class 0 Sulfate Resistance	04/14/2024
2023058	CDOT45878-1	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	04/14/2024
2023065	ZCDOT45878-2	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	02/23/2024
2023066	CDOT45878-2	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	02/23/2024
2023067	CDOT40180-3	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	09/15/2024
2023071	ZCDOT45070-4	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	09/03/2023
2023103	ZCDOT45878-01	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	04/14/2024
2023122	CDOT45070-4	Concrete, Class D/P	4.0	0.44	Class 2 Sulfate Resistance	08/22/2024

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## SRM (fka Martin Marietta) (Continued)

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023123	CDOT40180-4	Concrete, Class BZ	7.0	0.45	Class 2 Sulfate Resistance	07/13/2024
2023124	ZCDOT45070-1	Concrete, Class D	4.0	0.45	Class 0 Sulfate Resistance	04/14/2024
2023125	ZCDOT45071-1	Concrete, Class D	2.0	0.45	Class 0 Sulfate Resistance	04/14/2024

## Tomichi Materials

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022065	CDOT Class DB	Concrete, Class D	4.5	0.43	Class 2 Sulfate Resistance	04/01/2024

## Transit Mix Concrete Colorado Springs

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022098	T34682110	Concrete, Class D/P	1.5	0.40	Class 2 Sulfate Resistance	03/02/2024
2022099	T34592110	Concrete, Class D/P	5.0	0.43	Class 2 Sulfate Resistance	03/02/2024
2022100	645321G	Concrete, Class G	6.75	0.41	Class 2 Sulfate Resistance	03/03/2024
2022101	T34532110	Concrete, Class D/P	6.5	0.43	Class 2 Sulfate Resistance	03/03/2024
2023009	64552110	Concrete, Class DF	7.0	0.43	Class 2 Sulfate Resistance	08/22/2024

## Transit Mix Concrete Pueblo

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022067	645552120	Concrete, Class D	4.0	0.44	Class 2 Sulfate Resistance	03/03/2024

## United Companies - River Road

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022125	37020153	Concrete, Class D	5.0	0.44	Class 2 Sulfate Resistance	10/04/2024
2022126	36520150	Concrete, Class D	3.0	0.43	Class 2 Sulfate Resistance	10/04/2024
2022127	37520145	Concrete, Class BZ	8.0	0.43	Class 2 Sulfate Resistance	10/04/2024
2023014	37010209	Concrete, Class B	5.0	0.44	Class 2 Sulfate Resistance	10/04/2024
2023026	37020151	Concrete, Class DF	4.0	0.44	Class 2 Sulfate Resistance	10/04/2024
2023096	37020153	Concrete, Class D	4.0	0.44	Class 2 Sulfate Resistance	10/04/2024

## United Companies Delta

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022018	37020362	Concrete, Class D	5.5	0.44	Class 2 Sulfate Resistance	10/12/2023
2022018D22943	37020362	Concrete, Class D	5.5	0.44	Class 2 Sulfate Resistance	10/12/2023
2022019	37520355	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	12/21/2023
2022045	37020363	Concrete, Class D	4.0	0.44	Class 2 Sulfate Resistance	12/21/2023



# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## United Companies Gunnison

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023087	37020650	Concrete, Class D	4.0	0.45	Class 2 Sulfate Resistance	07/05/2024

## United Companies Gypsum Ranch

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022068	37010453	Concrete, Class B	4.0	0.44	Class 2 Sulfate Resistance	01/05/2024
2022069	38510400	Shotcrete	3.0	0.42	Class 2 Sulfate Resistance	01/05/2024
2022070	38510400	Shotcrete	2.75	0.42	Class 2 Sulfate Resistance	01/05/2024
2022071	37510459	Concrete, Class BZ	8.0	0.45	Class 2 Sulfate Resistance	01/05/2024
2022072	37010451	Concrete, Class D	4.0	0.44	Class 2 Sulfate Resistance	01/05/2024

## United Companies Montrose

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023074	36520962	Concrete, Class D	2.0	0.43	Class 2 Sulfate Resistance	10/20/2024
2023075	37020962	Concrete, Class D	4.0	0.44	Class 2 Sulfate Resistance	10/20/2024

## United Companies Powers Pit

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022040	37010051	Concrete, Class D/P	5.0	0.44	Class 2 Sulfate Resistance	02/03/2024
2022050	38510000	Shotcrete	2.5	0.4	Class 2 Sulfate Resistance	02/25/2024

## United Companies Rifle

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023062	38510750	Concrete, Class D/P	8.0	0.38	Class 2 Sulfate Resistance	06/20/2024
2023068	37010753	Concrete, Class DF	4.0	0.44	Class 2 Sulfate Resistance	06/20/2024
2023072	37010750	Concrete, Class D	4.0	0.43	Class 2 Sulfate Resistance	02/10/2024
2023073	37010753	Concrete, Class DF	4.0	0.44	Class 2 Sulfate Resistance	06/20/2024
2023085	37010750	Concrete, Class P	5.0	0.43	Class 2 Sulfate Resistance	06/20/2024

## United Companies-Steamboat

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023094	37060850	Concrete, Class D	4.5	0.44	Class 2 Sulfate Resistance	08/26/2024
2023095	36860850	Concrete, Class D	2.0	0.42	Class 2 Sulfate Resistance	08/26/2024

# Pre-Approved Concrete Mix Designs

These concrete mix designs meet the requirements of CDOT Standard Specifications and the CDOT Field Materials Manual CP 62. Inclusion on the APL does not guarantee that a mix will be approved for use on a project.

Please contact the Concrete & Physical Properties Unit at DOT\_ConcreteMixDesigns@state.co.us for more information on these mix designs.

Updated: 5/31/2023

## Varra Companies

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2022078	MBDPF15S	Concrete, Class D/P	4.0	0.37	Class 2 Sulfate Resistance	11/29/2023
2023019	MBDPC15S	Concrete, Class D	4.0	0.38	Class 0 Sulfate Resistance	12/21/2023

## Velocity Ready Mix - Denver Plant

CDOT Mix Number	Supplier Mix ID		Slump	W/Cm Ratio		Expiration Date
2023076	BZA4020	Concrete, Class BZ	6.5	0.45	Class 2 Sulfate Resistance	12/11/2024