

City of Columbus

Approved Asphalt Mix Designs

August 9, 2019

City of Columbus JMF #	Producer	Plant Number	2012 CMSC Mix ID	2018 CMSC Mix ID	Binder Grade	Virgin Binder %	Traffic Designation	Conversion Factor (Tons/CY)	Expiration Date	Minimum Compaction Temperature At The Paver [1]
COC18001	RAP Man.	1	Surface	T1S	64-22	5.4	Light	1.9804	12/31/2019	250
COC18002	RAP Man.	1	Intermediate	T2I	64-22	4.1	Light	1.9999	12/31/2019	250
COC18003	RAP Man.	1	301	301	64-22	4.1	--	1.9999	12/31/2019	230
COC18004	Mar-Zane	26	301	301	64-28	3.2	--	2.0000	12/31/2019	230
COC18005	KMI	509	Intermediate	T2I	64-22	3.0	Medium	2.0040	12/31/2019	250
COC18006	Apple Smith	NA	301	301	64-22	5.0	--	2.0000	12/31/2019	230
COC18007	Apple Smith	NA	Surface	T1S	64-22	6.6	Medium	1.9541	12/31/2019	250
COC18008	Apple Smith	NA	Surface	T1S	64-22	5.1	Medium	1.9664	12/31/2019	250
COC18009	Apple Smith	NA	301	301	64-22	3.8	--	2.0000	12/31/2019	230
COC18010	Apple Smith	NA	Intermediate	T2I	64-22	5.4	Medium	1.9836	12/31/2019	250
COC18011	Apple Smith	NA	Intermediate	T1I	64-22	4.7	Medium	1.9708	12/31/2019	250
COC18012	Apple Smith	NA	Intermediate	T2I	64-22	3.7	Medium	1.9745	12/31/2019	250
COC18013	Shelly	90	301	301	64-22	2.6	--	2.0000	12/31/2019	230
COC18014	Shelly	94	301	301	64-22	2.6	--	2.0000	12/31/2019	230
COC18015	Shelly	94	301	301	64-22	2.9	--	2.0000	12/31/2019	230
COC18016	Shelly	90	Surface	T1S	64-22	5.2	Medium	1.9682	12/31/2019	250
COC18017	Scioto	130	301	301	64-22	5.0	--	2.0000	12/31/2019	230
COC18018	Mar-Zane	26	Thinlay	Special	64-22	5.5	Medium	1.9694	12/31/2019	250
COC18019	Mar-Zane	1	Surface	T1S	70-22	5.3	Medium	1.9438	12/31/2019	250
COC18020	Mar-Zane	1	Surface	T1S	64-22	5.4	Medium	1.9438	12/31/2019	250
COC18021	Mar-Zane	1	12.5mm A	12.5mm A	70-22	5.5	Medium	1.9495	12/31/2019	250
COC18022	Mar-Zane	1	Intermediate	T2I	64-22	3.9	Medium	1.9694	12/31/2019	250
COC18023	Mar-Zane	1	19mm A	19mm A	64-28	3.6	Medium	1.9903	12/31/2019	250
COC18024	Mar-Zane	1	301	301	64-22	3.7	--	2.0000	12/31/2019	230
COC18025	Mar-Zane	26	Intermediate	T2I	76-22	3.5	Heavy	1.9943	12/31/2019	250
COC18026	Mar-Zane	26	Surface	T1S	76-22	5.0	Heavy	1.9873	12/31/2019	250
COC18027	Scioto	130	Surface	T1S	64-22	5.3	Medium	1.9782	12/31/2019	250
COC18028	Shelly	90	Intermediate	T2I	64-22	3.0	Medium	2.0067	12/31/2019	250
COC18029	Shelly	94	Intermediate	T2I	64-22	3.5	Medium	1.9996	12/31/2019	250
COC18030	Shelly	94	Surface	T1S	70-22	5.1	Medium	1.9721	12/31/2019	250
COC18031	Shelly	94	Surface	T1S	64-22	5.0	Medium	1.9832	12/31/2019	250
COC18032	Mar-Zane	26	9.5mm A	9.5mm A	76-22	5.3	Heavy	1.9755	12/31/2019	250
COC18033	Scioto	130	Intermediate	T2I	64-22	4.0	Medium	1.9957	12/31/2019	250
COC18034	Shelly	90	Surface	T1S	70-22	5.2	Medium	1.9731	12/31/2019	250
COC18035	Shelly	24	Surface	T1S	64-22	5.6	Medium	1.9780	12/31/2019	250
COC18036	Shelly	24	301	301	64-22	3.1	--	2.0000	12/31/2019	230
COC18037	Shelly	93	Surface	T1S	64-22	5.7	Medium	1.9583	12/31/2019	250
COC18038	Shelly	129	Surface	T1S	70-22	5.1	Medium	1.9485	12/31/2019	250
COC18039	KMI	509	301	301	64-22	3.2	--	2.0000	12/31/2019	230
COC18040	KMI	509	Surface	T1S	64-22	5.1	Medium	1.9856	12/31/2019	250
COC18041	Shelly	93	301	301	64-22	2.6	--	2.0000	12/31/2019	230
COC18042	Shelly	93	Surface	T1S	64-22	5.3	Medium	1.9797	12/31/2019	250
COC18043	Shelly	90	Surface	T1S	64-22	5.0	Heavy	1.9773	12/31/2019	250
COC18044	Westfall	NA	301	301	64-22	3.8	--	2.0000	12/31/2019	230
COC18045	Westfall	NA	Surface	T1S	64-22	5.3	Medium	1.9760	12/31/2019	250
COC18046	Westfall	NA	Intermediate	T2I	64-22	3.9	Medium	1.9922	12/31/2019	250

City of Columbus

Approved Asphalt Mix Designs

August 9, 2019

City of Columbus JMF #	Producer	Plant Number	2012 CMSC Mix ID	2018 CMSC Mix ID	Binder Grade	Virgin Binder %	Traffic Designation	Conversion Factor (Tons/CY)	Expiration Date	Minimum Compaction Temperature At The Paver [1]
COC18047	Shelly	90	Surface	T1S	64-22	5.3	Light	1.9733	12/31/2019	250
COC18048	Shelly	93	Surface	T1S	64-22	5.2	Medium	1.9733	12/31/2019	250
COC18049	Shelly	90	Surface	T1S	64-22	5.2	Medium	1.9746	12/31/2019	250
COC18050	Mar-Zane	26	301	301	64-22	4.2	--	2.0000	12/31/2019	230
COC18051	Mar-Zane	26	Intermediate	T2I	64-22	4.4	Medium	1.9933	12/31/2019	250
COC18052	Mar-Zane	26	Surface	T1S	64-22	5.6	Medium	1.9714	12/31/2019	250
COC18053	Mar-Zane	26	Surface	12.5 mm	76-22	5.3	A	1.9874	12/31/2019	250
COC18054	Mar-Zane	26	Porous Base / Fiber	Special	76-22	3.5	Medium	2.0000	12/31/2019	230
COC18055	Mar-Zane	26	Porous Sur. / Fiber	Special	76-22	6.0	Medium	2.0000	12/31/2019	250
COC18056	Shelly	90	302	302	64-22	2.8	--	2.0206	12/31/2019	230
COC18057	Shelly	90	Intermediate	T1I	64-22	5.0	Heavy	1.9773	12/31/2019	250
COC18058	Shelly	90	Intermediate	19mm A	64-28	4.6	Heavy	2.0122	12/31/2019	250
COC18059	Shelly	90	Intermediate	T2I	70-22	3.0	Medium	2.0173	12/31/2019	250
COC18060	KMI	509	Surface	T1S	70-22	5.3	Medium	1.9831	12/31/2019	250
COC18061	KMI	509/514	Intermediate	T2I	70-22	3.6	Medium	2.0218	12/31/2019	250
COC18062	Shelly	90	Intermediate	T2I	64-22	3.0	Heavy	2.0240	12/31/2019	250
COC18063	KMI	509	Surface	T1S	64-22	5.7	Light	1.9519	12/31/2019	250
COC18064	KMI	509/514	Intermediate	T2I	64-28	3.3	Heavy	2.0134	12/31/2019	250
COC18065	KMI	509/514	Surface	T1S	70-22	5.2	Heavy	1.9873	12/31/2019	250
COC18066	KMI	509	Intermediate	T1I	64-22	4.5	Medium	1.9805	12/31/2019	250
COC18067	KMI	509	Surface/Cont.	T1S	64-22	5.1	Medium	1.9788	12/31/2019	Per Munir
COC18068	Mar-Zane	26	Intermediate	19mm >4000	64-28	4.8	Heavy	2.0139	12/31/2019	250
COC18069	KMI	509	Surface/Sylva	T1S	64-22	2.7	Medium	1.9906	12/31/2019	Per Munir
COC18070	KMI	509	Surface/Sylva	T1S	64-22	3.4	Medium	1.9906	12/31/2019	Per Munir
COC18071	KMI	509	Surface/Sylva	T1S	64-22	4.4	Medium	1.9847	12/31/2019	Per Munir
COC18072	KMI	509	Surface/Hyd.	T1S	64-22	3.4	Medium	1.9906	12/31/2019	Per Munir
COC18073	KMI	509	Surface/Hyd.	T1S	64-22	4.4	Medium	1.9847	12/31/2019	Per Munir
COC18074	KMI	509	Surface	T1S	64-22	4.4	Medium	1.9864	12/31/2019	Per Munir
COC18075	KMI	509	Surface/Hyd.	T1S	64-22	2.7	Medium	1.9906	12/31/2019	Per Munir
COC18076	Shelly	130	Surface	T1S	70-22	5.3	Medium	1.9613	12/31/2019	250
COC18077	Shelly	90	Surface	12.5mm A	70-22	5.2	Heavy	1.9856	12/31/2019	250
COC18078	KMI	509	Surface	12.5mm A	70-22	5.0	Heavy	1.9957	12/31/2019	250
COC18079	KMI	509	Intermediate	19mm A	64-28	3.3	Heavy	2.0126	12/31/2019	250
COC18080	RAP Man.	1	301	301	58-28	2.5	--	2.0000	12/31/2019	230
COC18081	RAP Man.	1	Surface	T1S	64-22	5.0	Medium	1.9537	12/31/2019	250
COC18082	RAP Man.	1	Intermediate	T2I	58-28	3.4	Medium	1.9751	12/31/2019	250
COC18083	Shelly	24	Surface	12.5mm A	70-22	5.0	Heavy	1.9868	12/31/2019	250
COC18084	Shelly	94	Intermediate	T2I	70-22	3.7	Medium	1.9935	12/31/2019	250
COC18085	Shelly	94	Intermediate	T1I	64-22	5.0	Medium	1.9832	12/31/2019	250
COC18086	Scioto	130	Surface	12.5mm A	70-22	5.0	Heavy		12/31/2019	250
COC19001	Scioto	130	301	301	64-22	5.0	--	2.0000	12/31/2020	230
COC19002	Scioto	130	Surface	T1S	64-22	5.5	Medium	1.9610	12/31/2020	250
COC19003	Shelly	24	Surface	T1S	70-22	5.5	Medium	1.9574	12/31/2020	250
COC19004	RAP Man.	1	301	301	58-28	5.0	--	2.0000	12/31/2020	230
COC19005	RAP Man.	1	Surface	T1S	64-22	5.0	Medium	1.9601	12/31/2020	250
COC19006	RAP Man.	1	Intermediate	T2I	58-28	3.5	Medium	1.9800	12/31/2020	250

City of Columbus

Approved Asphalt Mix Designs

August 9, 2019

City of Columbus JMF #	Producer	Plant Number	2012 CMSC Mix ID	2018 CMSC Mix ID	Binder Grade	Virgin Binder %	Traffic Designation	Conversion Factor (Tons/CY)	Expiration Date	Minimum Compaction Temperature At The Paver [1]
COC19007	Mar-Zane	26 & 12	301	301	64-22	3.8	--	2.0000	12/31/2020	230
COC19008	Mar-Zane	26 & 12	Surface	12.5 mm	70-22	5.4	>4000	1.9756	12/31/2020	250
COC19009	Mar-Zane	26 & 12	Intermediate	T2I	64-22	3.6	Medium	2.0038	12/31/2020	250
COC19010	Mar-Zane	26 & 12	302	302	64-22	3.0	--	2.0137	12/31/2020	230
COC19011	Mar-Zane	26 & 12	Surface	T1S	64-22	5.1	Medium	1.9780	12/31/2020	250
COC19012	Mar-Zane	26 & 12	Surface	T1S	64-22	5.1	Medium	1.9724	12/31/2020	250
COC19013	Shelly	24	Surface	T1S	64-22	5.6	Light	1.9524	12/31/2020	250
COC19014	Shelly	24	Intermediate	T2I	64-22	4.1	Medium	1.9940	12/31/2020	250
COC19015	Scioto	130	301	301	58-28	3.3	--	2.0000	12/31/2020	230
COC19016	Scioto	130	Surface	T1S	64-22	5.4	Medium	1.9770	12/31/2020	250
COC19017	Shelly	93	301	301	64-22	5.0	--	2.0000	12/31/2020	230
COC19018	Mar-Zane	26 & 12	302	302	64-22	2.5	--	2.0215	12/31/2020	230
COC19019	Mar-Zane	26 & 12	Surface	12.5mm A	76-22	5.4	>4000	1.9824	12/31/2020	250
COC19020	Mar-Zane	26 & 12	Intermediate	19mm A	64-28	3.6	>4000	2.0142	12/31/2020	250
COC19021	Mar-Zane	26 & 12	Surface	T1S	64-22	5.4	Light	1.9606	12/31/2020	250
COC19022	KMI	509	301	301	58-28	3.5	--	2.0000	12/31/2020	230
COC19023	Mar-Zane	26 & 12	Intermediate	T2I	64-22	3.5	Heavy	1.9935	12/31/2020	250
COC19024	Mar-Zane	26 & 12	Surface	T1S	64-22	5.0	Heavy	1.9898	12/31/2020	250
COC19025	Shelly	93	Surface	T1S	64-22	5.0	Heavy	1.9569	12/31/2020	250
COC19026	Mar-Zane	26 & 12	Surface	T1S	70-22	5.0	Medium	1.9847	12/31/2020	250
COC19027	Scioto	130	301	301	58-28	3.3	--	2.0000	12/31/2020	230
COC19028	Shelly	94	302	302	64-22	2.8	--	2.0185	12/31/2020	230
COC19029	Scioto	130	Surface	T1S	64-22	5.3	Medium	1.9603	12/31/2020	250
COC19030	Mar-Zane	26 & 12	Intermediate	T2I	70-22	3.5	Heavy	1.9871	12/31/2020	250
COC19031	Mar-Zane	26 & 12	Surface	T1S	70-22	5.0	Heavy	1.9864	12/31/2020	250
COC19032	Mar-Zane	26 & 12	Intermediate	T2I	70-22	3.5	Medium	1.9893	12/31/2020	250
COC19033	Mar-Zane	26 & 12	Surface	9.5mm A	70-22	5.4	A	1.9783	12/31/2020	250
COC19034	Scioto	130	Intermediate	T2I	64-22	4.1	Medium	1.9910	12/31/2020	250
COC19035	Shelly	90	Surface	T1S	76-22	5.2	Heavy	1.9866	12/31/2020	250
COC19036	Shelly	90	301	301	58-28	3.3	--	2.0000	12/31/2020	230
COC19037	Shelly	90	Surface	T1S	64-22	5.3	Medium	1.9630	12/31/2020	250
COC19038	Scioto	130	Surface	12.5mm A	76-22	5.0	Heavy	1.9841	12/31/2020	250
COC19039	Shelly	94	Surface	T1S	64-22	5.4	Light	1.9687	12/31/2020	250
COC19040	Shelly	93	Surface	T1S	64-22	5.3	Medium	1.9645	12/31/2020	250
COC19041	Shelly	93	Intermediate	T2I	58-28	3.8	Medium	1.9896	12/31/2020	250
COC19042	Shelly	93	301	301	58-28	2.8	--	2.0000	12/31/2020	230
COC19043	Shelly	90	Intermediate	T2I	58-28	3.9	Medium	1.9928	12/31/2020	250
COC19044	Shelly	94	Surface	T1S	64-22	5.4	Light	1.9392	12/31/2020	250
COC19045	Shelly	94	Surface	T1S	64-22	5.1	Medium	1.9662	12/31/2020	250
COC19046	Shelly	94	301	301	58-28	5.0	--	2.0000	12/31/2020	230
COC19047	Shelly	94	Intermediate	T2I	58-28	3.6	Medium	2.0004	12/31/2020	250
COC19048	Mar-Zane	26	Intermediate	19mm	64-28	3.8	A	2.0109	12/31/2020	250
COC19049	Scioto	130	301	301	58-28	3.3	--	2.0000	12/31/2020	230
COC19050	Scioto	130	Intermediate	T2I	64-22	4.1	Medium	2.0009	12/31/2020	250
COC19051	Scioto	130	Surface	12.5	70-22	5.0	A	1.9922	12/31/2020	250
COC19052	Scioto	130	302	302	64-22	3.1	--	2.0117	12/31/2020	230

City of Columbus Approved Asphalt Mix Designs August 9, 2019

City of Columbus JMF #	Producer	Plant Number	2012 CMSC Mix ID	2018 CMSC Mix ID	Binder Grade	Virgin Binder %	Traffic Designation	Conversion Factor (Tons/CY)	Expiration Date	Minimum Compaction Temperature At The Paver [1]
COC19053	Scioto	130	Surface	T1S	64-22	5.3	Medium	1.9733	12/31/2020	250
COC19054	Shelly	90	Intermediate	T1I	64-22	5.3	Medium	1.9630	12/31/2020	250
COC19055	Scioto	130	Intermediate	T1I	64-22	5.3	Medium	1.9733	12/31/2020	250
COC19056	KMI	509	Surface	T1S	70-22	5.1	Medium	1.9788	12/31/2020	Per Munir
COC19057	KMI	509	301	301	64-22	3.4	--	2.0000	12/31/2020	230
COC19058	RAP Man.	1	Surface	T1S	70-22	4.9	Medium		12/31/2020	250
COC19059	RAP Man.	1	Surface	T1S	64-22	4.9	Medium		12/31/2020	250
COC19060	RAP Man.	1	Intermediate	T2I	58-28	3.5	Medium		12/31/2020	250
COC19061	RAP Man.	1	301	301	58-28	2.7	--	2.0000	12/31/2020	230
COC19062	RAP Man.	1	301	301	58-28	2.7	--	2.0000	12/31/2020	230

[1] Per CMSC Item 401.16/301.04/302.04