



2023 -2024 APPROVED ASPHALT MIX DESIGNS FOR MAJOR ARTERIAL OR ARTERIAL STREETS

Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Solterra	Tuthill	Estrella	S22-2-1W	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.8	4.8	1.0	Western
Solterra	Tuthill	Estrella	S22-2-2W	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.2	5.0	1.0	Western
Southwest	10	New River	131AH	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.6	5.0	1.0	Holly Frontier
Southwest	10	New River	121AH	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.4	5.3	1.0	Holly Frontier
Southwest	4	El Mirage	431AH	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.9	5.0	1.0	Holly Frontier
Southwest	4	El Mirage	421AH	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.0	5.3	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271517D	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.5	4.7	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271517D	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.3	4.7	1.0	Marathon
Vulcan	5223	Gomez	271517G	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.1	4.5	1.0	Holly Frontier
Vulcan	5223	Gomez	271517G	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.8	4.5	1.0	Marathon
Vulcan	5224	19th Ave	271517H	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.0	4.6	1.0	Holly Frontier
Vulcan	5224	19th Ave	271517H	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.9	4.6	1.0	Marathon
Vulcan	5180	Sun City	271517S	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.5	4.6	1.0	Marathon
Vulcan	5180	Sun City	271517S	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.4	4.6	1.0	Wright
Vulcan	5184	West Broadway	271517W	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.5	4.9	1.0	Holly Frontier
Vulcan	5184	West Broadway	271517W	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.4	4.9	1.0	Marathon
Vulcan	5182	West 43rd Ave	371517D	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.8	5.1	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	371517D	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.7	5.1	1.0	Marathon
Martin Marietta	35	Glendale	AZ3512MR-2023	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.8	5.7	1.0	Holly Frontier
Martin Marieta	35	Glendale	AZ3519SPMA	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.7	5.0	1.0	Holly Frontier
Martin Marieta	35	Glendale	AZ3512SPMA	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.4	5.3	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-1H	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.4	4.8	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-1R	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.0	4.8	1.0	Wright
Solterra	Estrella	Estrella	S22-2-2H	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.2	5.0	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-2R	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.9	5.0	1.0	Wright
Solterra	Ridge	Ridge	S23-3-1H	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.2	4.9	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-1R	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.8	4.9	1.0	Wright

MAR = MARSHALL

GYR = GYRATORY



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Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Solterra	Ridge	Ridge	S23-3-1W	Major Arterial / Arterial	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.7	4.9	1.0	Western
Solterra	Ridge	Ridge	S23-3-2H	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-2R	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Wright
Solterra	Ridge	Ridge	S23-3-2W	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Western



2023 -2024 APPROVED ASPHALT MIX DESIGNS FOR MAJOR COLLECTOR STREETS

Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Vulcan	5223	Gomez	371517G	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.5	5.0	1.0	Holly Frontier
Vulcan	5223	Gomez	371517G	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.1	5.0	1.0	Marathon
Vulcan	5224	19th Ave	371517H	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.1	5.0	1.0	Holly Frontier
Vulcan	5224	19th Ave	371517H	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.9	5.0	1.0	Marathon
Vulcan	5180	Sun City	371517S	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.9	5.0	1.0	Marathon
Vulcan	5180	Sun City	371517S	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.7	5.0	1.0	Wright
Vulcan	5184	West Broadway	371517W	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.1	5.4	1.0	Holly Frontier
Vulcan	5184	West Broadway	371517W	Major Arterial / Arterial	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	150.9	5.4	1.0	Marathon
Solterra	Tuthill	Estrella	S22-2-1W	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.8	4.8	1.0	Western
Solterra	Tuthill	Estrella	S22-2-2W	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.2	5.0	1.0	Western
Solterra	Tuthill	Estrella	S23-2-4W	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	153.0	5.1	1.0	Western
Solterra	Tuthill	Estrella	S23-2-3W	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	153.0	5.1	1.0	Western
Southwest	10	New River	131DH	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.9	5.0	1.0	Holly Frontier
Southwest	10	New River	121DH	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.4	5.3	1.0	Holly Frontier
Southwest	10	New River	131AH	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.6	5.0	1.0	Holly Frontier
Southwest	10	New River	121AH	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.4	5.3	1.0	Holly Frontier
Southwest	4	El Mirage	431DH	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	154.6	5.0	1.0	Holly Frontier
Southwest	4	El Mirage	421DH	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.1	5.3	1.0	Holly Frontier
Southwest	4	El Mirage	431AH	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.9	5.0	1.0	Holly Frontier
Southwest	4	El Mirage	421AH	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.0	5.3	1.0	Holly Frontier
Southwest	10	New River	131DH	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.9	5.0	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271517D	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.5	4.7	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271517D	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.3	4.7	1.0	Marathon
Vulcan	5223	Gomez	271517G	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.1	4.5	1.0	Holly Frontier
Vulcan	5223	Gomez	271517G	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.8	4.5	1.0	Marathon
Vulcan	5224	19th Ave	271517H	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.0	4.6	1.0	Holly Frontier
Vulcan	5224	19th Ave	271517H	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.9	4.6	1.0	Marathon

MAR = MARSHALL

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Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Vulcan	5180	Sun City	271517S	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.5	4.6	1.0	Marathon
Vulcan	5180	Sun City	271517S	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.4	4.6	1.0	Wright
Vulcan	5184	West Broadway	271517W	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.5	4.9	1.0	Holly Frontier
Vulcan	5184	West Broadway	271517W	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.4	4.9	1.0	Marathon
Vulcan	5182	West 43rd Ave	271518D	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.2	5.0	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271518D	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	151.9	5.0	1.0	Marathon
Vulcan	5223	Gomez	271518G	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.7	5.0	1.0	Holly Frontier
Vulcan	5223	Gomez	271518G	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.9	5.0	1.0	Marathon
Vulcan	5224	19th Ave	271518H	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	151.9	5.1	1.0	Holly Frontier
Vulcan	5224	19th Ave	271518H	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	151.8	5.1	1.0	Marathon
Vulcan	5180	Sun City	271518S	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.9	5.0	1.0	Marathon
Vulcan	5180	Sun City	271518S	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	153.1	5.0	1.0	Wright
Vulcan	5184	West Broadway	271518W	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	151.0	5.4	1.0	Holly Frontier
Vulcan	5184	West Broadway	271518W	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	151.1	5.4	1.0	Marathon
Vulcan	5182	West 43rd Ave	371517D	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.8	5.1	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	371517D	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.7	5.1	1.0	Marathon
Vulcan	5223	Gomez	371517G	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.5	5.0	1.0	Holly Frontier
Vulcan	5223	Gomez	371517G	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.1	5.0	1.0	Marathon
Vulcan	5224	19th Ave	371517H	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.1	5.0	1.0	Holly Frontier
Vulcan	5224	19th Ave	371517H	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.9	5.0	1.0	Marathon
Vulcan	5180	Sun City	371517S	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.9	5.0	1.0	Marathon
Vulcan	5180	Sun City	371517S	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.7	5.0	1.0	Wright
Vulcan	5184	West Broadway	371517W	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.1	5.4	1.0	Holly Frontier
Vulcan	5184	West Broadway	371517W	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	150.9	5.4	1.0	Marathon
Vulcan	5182	West 43rd Ave	371518D	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.2	5.4	1.0	Holly Frontier
Vulcan	5183	West 43rd Ave	371518D	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.3	5.4	1.0	Marathon

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Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Vulcan	5223	Gomez	371518G	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.8	5.5	1.0	Holly Frontier
Vulcan	5223	Gomez	371518G	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.7	5.5	1.0	Marathon
Vulcan	5224	19th Ave	371518H	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.8	5.6	1.0	Holly Frontier
Vulcan	5224	19th Ave	371518H	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.5	5.6	1.0	Marathon
Vulcan	5180	Sun City	371518S	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.0	5.6	1.0	Marathon
Vulcan	5180	Sun City	371518S	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.2	5.6	1.0	Wright
Vulcan	5184	West Broadway	371518W	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.4	5.7	1.0	Holly Frontier
Vulcan	5184	West Broadway	371518W	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.3	5.7	1.0	Marathon
Martin Marretta	35	51st Ave and Broadway	AZ3512MR-2023	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	145.7	5.7	1.0	Holly Frontier
Martin Marieta	35	Glendale	AZ3519SPMA	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.7	5.0	1.0	Holly Frontier
Martin Marieta	35	Glendale	AZ3512SPMA	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.4	5.3	1.0	Holly Frontier
Martin Marietta	35	Glendale	AZ3512MR-2023	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.8	5.7	1.0	Holly Frontier
Martin Marietta	36	Glendale	AZ3519MR-2023	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Marshall	152.7	5.3	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-1H	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.4	4.8	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-1R	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.0	4.8	1.0	Wright
Solterra	Estrella	Estrella	S22-2-2H	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.2	5.0	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-2R	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.9	5.0	1.0	Wright
Solterra	Estrella	Estrella	S23-2-3H	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	153.5	5.0	1.0	Holly Frontier
Solterra	Estrella	Estrella	S23-2-3R	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	152.9	5.1	1.0	Wright
Solterra	Estrella	Estrella	S23-2-4H	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	153.5	5.1	1.0	Holly Frontier
Solterra	Estrella	Estrella	S23-2-4R	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.9	5.1	1.0	Wright
Solterra	Ridge	Ridge	S23-3-1R	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.8	4.9	1.0	Wright
Solterra	Ridge	Ridge	S23-3-1W	Major Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.7	4.9	1.0	Western

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Solterra	Ridge	Ridge	S23-3-2H	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-2R	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Wright
Solterra	Ridge	Ridge	S23-3-2W	Major Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Western
Solterra	Ridge	Ridge	S23-3-3H	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	154.7	5.0	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-3R	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	154.4	5.0	1.0	Wright
Solterra	Ridge	Ridge	S23-3-3W	Major Collector	3/4" - 19.0mm	MAR	3/4", 19.0mm Marshall	154.8	5.0	1.0	Western
Solterra	Ridge	Ridge	S23-3-4R	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.4	5.0	1.0	Wright
Solterra	Ridge	Ridge	S23-3-4W	Major Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.8	5.0	1.0	Western

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Solterra	Tuthill	Estrella	S22-2-1W	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.8	4.8	1.0	Western
Solterra	Tuthill	Estrella	S22-2-2W	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.2	5.0	1.0	Western
Solterra	Tuthill	Estrella	S23-2-4W	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	153.0	5.1	1.0	Western
Southwest	11	New River	121DH	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.4	5.3	1.0	Holly Frontier
Southwest	11	New River	121DH	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.4	5.3	1.0	Holly Frontier
Southwest	10	New River	131AH	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.6	5.0	1.0	Holly Frontier
Southwest	11	New River	121AH	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.4	5.3	1.0	Holly Frontier
Southwest	4	El Mirage	421DH	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.1	5.3	1.0	Holly Frontier
Southwest	4	El Mirage	431AH	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.9	5.0	1.0	Holly Frontier
Southwest	4	El Mirage	421AH	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.0	5.3	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271517D	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.5	4.7	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	271517D	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.3	4.7	1.0	Marathon
Vulcan	5223	Gomez	271517G	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.1	4.5	1.0	Holly Frontier
Vulcan	5223	Gomez	271517G	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.8	4.5	1.0	Marathon
Vulcan	5224	19th Ave	271517H	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	154.0	4.6	1.0	Holly Frontier
Vulcan	5224	19th Ave	271517H	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.9	4.6	1.0	Marathon
Vulcan	5180	Sun City	271517S	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.5	4.6	1.0	Marathon
Vulcan	5180	Sun City	271517S	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.4	4.6	1.0	Wright
Vulcan	5184	West Broadway	271517W	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.5	4.9	1.0	Holly Frontier
Vulcan	5184	West Broadway	271517W	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	152.4	4.9	1.0	Marathon
Vulcan	5182	West 43rd Ave	371517D	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.8	5.1	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	371517D	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.7	5.1	1.0	Marathon
Vulcan	5223	Gomez	371517G	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.5	5.0	1.0	Holly Frontier
Vulcan	5223	Gomez	371517G	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.1	5.0	1.0	Marathon
Vulcan	5224	19th Ave	371517H	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.1	5.0	1.0	Holly Frontier
Vulcan	5224	19th Ave	371517H	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.9	5.0	1.0	Marathon
Vulcan	5180	Sun City	371517S	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.9	5.0	1.0	Marathon

MAR = MARSHALL

GYR = GYRATORY



2023 - 2024 APPROVED ASPHALT MIX DESIGNS FOR COLLECTOR STREETS

Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Vulcan	5180	Sun City	371517S	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.7	5.0	1.0	Wright
Vulcan	5184	West Broadway	371517W	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.1	5.4	1.0	Holly Frontier
Vulcan	5184	West Broadway	371517W	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	150.9	5.4	1.0	Marathon
Vulcan	5182	West 43rd Ave	371518D	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.2	5.4	1.0	Holly Frontier
Vulcan	5183	West 43rd Ave	371518D	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.3	5.4	1.0	Marathon
Vulcan	5223	Gomez	371518G	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.8	5.5	1.0	Holly Frontier
Vulcan	5223	Gomez	371518G	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.7	5.5	1.0	Marathon
Vulcan	5224	19th Ave	371518H	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.8	5.6	1.0	Holly Frontier
Vulcan	5224	19th Ave	371518H	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.5	5.6	1.0	Marathon
Vulcan	5180	Sun City	371518S	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.0	5.6	1.0	Marathon
Vulcan	5180	Sun City	371518S	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.2	5.6	1.0	Wright
Vulcan	5184	West Broadway	371518W	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.4	5.7	1.0	Holly Frontier
Vulcan	5184	West Broadway	371518W	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.3	5.7	1.0	Marathon
Martin Marretta	35	51st Ave and Broadway	AZ3512MR-2023	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	145.7	5.7	1.0	Holly Frontier
Martin Marieta	35	Glendale	AZ3519SPMA	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.7	5.0	1.0	Holly Frontier
Martin Marieta	35	Glendale	AZ3512SPMA	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.4	5.3	1.0	Holly Frontier
Martin Marietta	35	Glendale	AZ3512MR-2023	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.8	5.7	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-1H	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.4	4.8	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-1R	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.0	4.8	1.0	Wright
Solterra	Estrella	Estrella	S22-2-2H	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	152.2	5.0	1.0	Holly Frontier
Solterra	Estrella	Estrella	S22-2-2R	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	151.9	5.0	1.0	Wright
Solterra	Estrella	Estrella	S23-2-4H	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	153.5	5.1	1.0	Holly Frontier
Solterra	Estrella	Estrella	S23-2-4R	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.9	5.1	1.0	Wright

MAR = MARSHALL

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2023 - 2024 APPROVED ASPHALT MIX DESIGNS FOR COLLECTOR STREETS

Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Solterra	Ridge	Ridge	S23-3-1R	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.8	4.9	1.0	Wright
Solterra	Ridge	Ridge	S23-3-1W	Collector	3/4" - 19.0mm	GYR	3/4", 19.0mm Gyratory	153.7	4.9	1.0	Western
Solterra	Ridge	Ridge	S23-3-2H	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-2R	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Wright
Solterra	Ridge	Ridge	S23-3-2W	Collector	1/2" - 12.5mm	GYR	1/2", 12.5mm gyratory	154.4	5.2	1.0	Western
Solterra	Ridge	Ridge	S23-3-4H	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.7	5.0	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-4R	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.4	5.0	1.0	Wright
Solterra	Ridge	Ridge	S23-3-4W	Collector	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.8	5.0	1.0	Western

MAR = MARSHALL
GYR = GYRATORY



2023 - 2024 APPROVED ASPHALT MIX DESIGNS FOR MAJOR LOCAL OR LOCAL STREETS

Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %	Binder Source
Solterra	Tuthill	Estrella	S23-2-4W	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	153.0	5.1	1.0	Western
Southwest	11	New River	121DH	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.4	5.3	1.0	Holly Frontier
Southwest	4	El Mirage	421DH	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.1	5.3	1.0	Holly Frontier
Vulcan	5182	West 43rd Ave	371518D	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.2	5.4	1.0	Holly Frontier
Vulcan	5183	West 43rd Ave	371518D	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.3	5.4	1.0	Marathon
Vulcan	5223	Gomez	371518G	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.8	5.5	1.0	Holly Frontier
Vulcan	5223	Gomez	371518G	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.7	5.5	1.0	Marathon
Vulcan	5224	19th Ave	371518H	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.8	5.6	1.0	Holly Frontier
Vulcan	5224	19th Ave	371518H	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.5	5.6	1.0	Marathon
Vulcan	5180	Sun City	371518S	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.0	5.6	1.0	Marathon
Vulcan	5180	Sun City	371518S	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	151.2	5.6	1.0	Wright
Vulcan	5184	West Broadway	371518W	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.4	5.7	1.0	Holly Frontier
Vulcan	5184	West Broadway	371518W	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	150.3	5.7	1.0	Marathon
Martin Marretta	35	51st Ave and Broadway	AZ3512MR-2023	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	145.7	5.7	1.0	Holly Frontier
Solterra	Estrella	Estrella	S23-2-4H	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	153.5	5.1	1.0	Holly Frontier
Solterra	Estrella	Estrella	S23-2-4R	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	152.9	5.1	1.0	Wright
Solterra	Ridge	Ridge	S23-3-4H	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.7	5.0	1.0	Holly Frontier
Solterra	Ridge	Ridge	S23-3-4R	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.4	5.0	1.0	Wright
Solterra	Ridge	Ridge	S23-3-4W	Major Local / Local	1/2" - 12.5mm	MAR	1/2", 12.5mm Marshall	154.8	5.0	1.0	Western

MAR = MARSHALL
GYR = GYRATORY