

**CITY OF BUCKEYE**  
ENGINEERING DEPARTMENT  
2016 APPROVED ASPHALT MIX DESIGNS

<b>ASPHALT MIX DESIGNS FOR ARTERIAL STREETS</b>										
Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %
Vulcan Materials	5182-211/VMC	West 43rd Ave	27151D	ART	19MM	GYR	SHRP Gyratory 3/4"	151.2	4.8	1.0
Vulcan Materials	5182-211/VMC	West 43rd Ave	37151D	ART	12.5MM	GYR	SHRP Gyratory 1/2"	150.9	5.1	1.0
Vulcan Materials	5224	19th Avenue	27151H	ART	19MM	GYR	MAG/EVAC 3/4" Gyratory Mix	155.6	4.5	1.0
Vulcan Materials	5224	19th Avenue	37151H	ART	12.5MM	GYR	MAG/EVAC 1/2" Gyratory Mix	154.0	5.0	1.0
Vulcan Materials	5223-221	Gomez Plant	27151G	ART	19MM	GYR	MAG/EVAC 3/4" Gyratory Mix High Traffic	155.3	4.5	1.0
Vulcan Materials	5223-221	Gomez Plant	37151G	ART	12.5MM	GYR	MAG/EVAC 1/2" Gyratory Mix High Traffic	154.2	5.0	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	37151W	ART	12.5MM	GYR	MAG/EVAC 1/2" Gyratory Mix High Volume	149.3	5.2	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	27151W	ART	19MM	GYR	MAG/EVAC 3/4" Gyratory Mix High Volume	150.3	4.7	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	27151S	ART	19MM	GYR	MAG/EVAC 3/4" Gyratory High Traffic	149.2	4.5	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	37151S	ART	12.5MM	GYR	MAG/EVAC 1/2" Gyratory High Traffic	148.9	4.7	1.0
Southwest Asphalt	10	New River	131AH	ART	19MM	GYR	MAG/EVAC A-3/4" SHRP High Volume	153.1	5.0	1.0
Southwest Asphalt	10	New River	121AH	ART	12.5MM	GYR	MAG/EVAC 1/2" Gyratory High Traffic	152.5	5.3	1.0
Southwest Asphalt	4	El Mirage	421AH	ART	12.5MM	GYR	MAG/EVAC 1/2" Gyratory High Traffic	152.1	5.3	1.0
Southwest Asphalt	4	El Mirage	431AH	ART	19.0MM	GYR	MAG/EVAC 3/4" Gyratory High Traffic	152.6	5.0	1.0

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<b>ASPHALT MIX DESIGNS FOR COLLECTOR STREETS</b>										
Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %
Vulcan Materials	5182-211/VMC	West 43rd Ave	27153D	MJR COLL	19MM	MAR	MAG/EVAC 3/4" High Volume Marshall	150.9	4.8	1.0
Vulcan Materials	5224	19th Avenue	27153H	MJR COLL	19MM	MAR	MAG/EVAC 3/4" High Volume Marshall	153.6	5.0	1.0
Vulcan Materials	5224	19th Avenue	37153H	MJR COLL	12.5MM	MAR	MAG/EVAC 1/2" High Volume Marshall	153.0	5.5	1.0
Vulcan Materials	5223-221	Gomez Plant	27153G	MJR COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Mix High Traffic	153.7	5.0	1.0
Vulcan Materials	5223-221	Gomez Plant	37153G	MJR COLL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix High Traffic	152.5	5.5	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	37153W	MJR COLL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix High Traffic	149.7	5.5	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	27153W	MJR COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Mix High Traffic	149.9	5.3	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	27153S	MJR COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Mix High Traffic	150.9	4.9	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	37153S	MJR COLL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix High Traffic	150.2	5.6	1.0
Vulcan Materials	5182-211/VMC	West 43rd Ave	27151D	MJR COLL	19MM	GYR	SHRP Gyratory 3/4"	151.2	4.8	1.0
Vulcan Materials	5224	19th Avenue	37151H	MJR COLL	12.5MM	GYR	MAG/EVAC 1/2" Gyratory Mix	154.0	5.0	1.0
Vulcan Materials	5223-221	Gomez Plant	27151G	MJR COLL	19MM	GYR	MAG/EVAC 3/4" Gyratory Mix High Traffic	155.3	4.5	1.0
Vulcan Materials	5223-221	Gomez Plant	37151G	MJR COLL	12.5MM	GYR	MAG/EVAC 1/2" Gyratory Mix High Traffic	154.2	5.0	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	37151W	MJR COLL	12.5MM	GYR	MAG/EVAC 1/2" Gyratory Mix High Volume	149.3	5.2	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	27151W	MJR COLL	19MM	GYR	MAG/EVAC 3/4" Gyratory Mix High Volume	150.3	4.7	1.0

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<b>ASPHALT MIX DESIGNS FOR COLLECTOR STREETS</b>										
Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	27151S	MJR COLL	19MM	GYR	MAG/EVAC 3/4" Gyratory High Traffic	149.2	4.5	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	37151S	MJR COLL	12.5MM	GYR	MAG/EVAC 1/2" Gyratory High Traffic	148.9	4.7	1.0
Southwest Asphalt	10	New River	131AH	MJR COLL	19MM	GYR	MAG/EVAC A-3/4" SHRP High Volume	153.1	5.0	1.0
Southwest Asphalt	10	New River	121AH	MJR COLL	12.5MM	GYR	MAG/EVAC 1/2" Gyratory High Traffic	152.5	5.3	1.0
Southwest Asphalt	4	El Mirage	421AH	MJR COLL	12.5MM	GYR	MAG/EVAC 1/2" Gyratory High Traffic	152.1	5.3	1.0
Vulcan Materials	5182-211/VMC	West 43rd Ave	37151D	MJR COLL	12.5MM	GYR	SHRP Gyratory 1/2"	150.9	5.1	1.0
Vulcan Materials	5224	19th Avenue	27151H	MJR COLL	19MM	GYR	MAG/EVAC 3/4" Gyratory Mix	155.6	4.5	1.0
Southwest Asphalt	4	El Mirage	431AH	MJR COLL	19.0MM	GYR	MAG/EVAC 3/4" Gyratory High Traffic	152.6	5.0	1.0
Vulcan Materials	5182-211/VMC	West 43rd Ave	27154D	COLL	19MM	MAR	MAG/EVAC 3/4" Low Volume Marshall	150.9	4.8	1.0
Vulcan Materials	5223-221	Gomez Plant	27154G	COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Mix Low Traffic	153.7	5.0	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	27154W	COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Low Traffic	149.9	5.3	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	27154S	COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Mix Low Traffic	150.9	4.9	1.0
Southwest Asphalt	10	New River	131DH	COLL	19MM	MAR	MAG/EVAC 3/4" Marshall Mix Low Traffic	152.9	5.0	1.0
Southwest Asphalt	4	El Mirage	431DH	COLL	19.0MM	MAR	MAG/EVAC 3/4" Marshall Mix Low Traffic	152.4	5.1	1.0

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<b>ASPHALT MIX DESIGNS FOR LOCAL STREETS</b>										
Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %
Vulcan Materials	5182-211/VMC	West 43rd Ave	37154D	LCL	12.5MM	MAR	MAG/EVAC 1/2" Low Volume Marshall	150.9	4.8	1.0
Vulcan Materials	5182-211/VMC	West 43rd Ave	37154D	LCL	12.5MM	MAR	MAG/EVAC 1/2" Low Volume Marshall	149.9	5.5	1.0
Vulcan Materials	5223-221	Gomez Plant	37154G	LCL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix Low Traffic	152.5	5.5	1.0
Vulcan Materials	5223-221	Gomez Plant	37154H	LCL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix Low Traffic	153.0	5.5	1.0
Vulcan Materials	Phx Plant	West Broadway Plant	37154W	LCL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix Low Traffic	149.7	5.5	1.0
Vulcan Materials	5180	Sun City Plant - 15521 North 115th Ave.	37154S	LCL	12.5MM	MAR	MAG/EVAC 1/2" Marshall Mix Low Traffic	150.2	5.6	1.0
Southwest Asphalt	4	El Mirage	421DH	LCL	12.5MM	MAR	MAG/EVAC R-1/2" Marshall Low Traffic	152.2	5.3	1.0
Southwest Asphalt	10	New River	121DH	LCL	12.5MM	MAR	MAG/EVAC R-1/2" Marshall Low Traffic	152.9	5.3	1.0

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<b>ASPHALT MIX DESIGNS FOR SPECIAL LOCATIONS ONLY WITH ENGINEERING APPROVAL</b>										
Supplier Name	Hot-Plant #	Hot-Plant Location	Product Code	Road Type	Mix Size	Mix Type	AC Mix Size	Max Unit Weight	Oil %	Admix %
Vulcan Materials	5182-211/VMC	West 43rd Ave	27153D	ART	19MM	MAR	3/4" 75 Blow Marshall	150.9	4.8	1.0
Vulcan Materials	5224	19th Avenue	27154H	COLL	19MM	MAR	MAG/EVAC 3/4" Low Volume Marshall	153.6	5.0	1.0

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