

State of Louisiana
Department of Transportation and Development

APPROVED MATERIALS LIST

AGGREGATES

Aggregates from the following sources have demonstrated the capability to conform to the quality requirements of Section 1003 of the Department’s Standard Specifications for Roads and Bridges, except as noted.

Superscript numbers placed **behind** the producer/supplier, material, or column heading throughout this list indicate the existence of restrictions, exceptions, or special applications for sources and/or material. See ‘Endnotes’ and ‘Notes’ at the end of each section for legend and application.

A. CHERT GRAVEL AND SILICA SAND

Chert gravels on this list have a Friction Rating of III when used as a coarse aggregate for Asphaltic Concrete. Friction Ratings are defined in Subsection 1003.06

1. IN-STATE PRODUCER/SUPPLIERS - BY DISTRICT

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD) ^{A-3}
DISTRICT 03		
A307	Acadiana Home & Lawn, (Broussard) Eunice, LA SMM: APS00005690	Sand Only
A305	B & D Sand Pit (Parks) SMM: APS00005800	Sand Only
A309	DuPont Sand, LLC (Carencro) SMM: APS00006160	Sand Only
A308	L & W Sand Pit, LLC (Carencro) SMM: APS00006550	Sand Only
A312	Lafayette Sand & Fill, LLC (Carencro) Lafayette, LA SMM: APS00011760	Sand Only
A311	Perero Co. DBA, DND Landscape (Broussard) SMM: APS00011660	Sand Only
----	Red Hawk Materials Company (Maurice) ² SMM: APS00012000	Sand Only
----	Red Hawk Materials (Carencro Pit) SMM: APS00012200	Sand Only

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD) ^{A-3}
DISTRICT 03 (continued)		
A310	Vermillion Shell & Limestone Co. Inc. (Maurice) <i>SMM: APS00007310</i>	Sand Only
DISTRICT 04		
A429	Blount Bros. Construction, Inc. (Blount Bros. Pit) Shreveport, LA <i>SMM: APS00011330</i>	Sand Only
----	Hat Creek Dirt Pit – Bossier City <i>SMM: APS00011910</i>	Sand Only
A428	MRH Sand & Gravel (Benton, LA) ³ <i>SMM: APS00006830</i>	2.60
----	SiteWurx Sand Highway 164 Pit (Sibley) <i>SMM: APS00012310</i>	Sand Only
----	Skyplex Trucking (Wallace Pit) <i>SMM: APS00012660</i>	Sand Only
A427	South Land Sand (Ringgold) <i>SMM: APS00007000</i>	2.60 Gravel Only
DISTRICT 05		
A509	Century Ready Mix #2 (Jonesboro Road) Monroe <i>SMM: APS00006000</i>	Sand Only
A502	TXI (Perryville) <i>SMM: APS00007270</i>	2.54
DISTRICT 07		
A712	DSD Energy Services (Oakdale Pit) Oakdale <i>SMM: APS00006130</i>	Sand Only
----	Gator Aggregates (Pippin Pit) Deridder <i>SMM: APS00012390</i>	2.53
A710	Kinder Sand Company (Kinder) ² <i>SMM: APS00006520</i>	Sand Only
A702	Trinity (Indian Village Plant 1284) <i>SMM: APS00007230</i>	2.55
A709	Village Sand, Inc. (Indian Village) <i>SMM: APS00007320</i>	Sand Only
DISTRICT 08		
A849	Diamond B Construction, LLC (Hot Wells/Gardener Pit) Boyce <i>SMM: APS00011710</i>	Sand Only

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD)A-3
DISTRICT 08 (continued)		
A850	Diamond B Construction, LLC (Woodworth Pit) Woodworth <i>SMM: APS00011720</i>	Sand Only
A847	Larry Grayson & Son Trucking, LLC (Ahtus Melder Rd Pit) Forest Hill, LA <i>SMM: APS00011680</i>	2.57
A844	Tanner Heavy Equipment Co. (Tanner Pit #2) (Leesville) <i>SMM: APS00007150</i>	Sand Only
A846	Trinity Materials, Inc. (Anacoco #1391) Merryville <i>SMM: APS00007220</i>	2.56
A822	TXI (Woodworth) ⁵ <i>SMM: APS00007300</i>	2.54
DISTRICT 58		
A915	Aimwell Aggregates, Inc. (Aimwell) <i>SMM: APS00005720</i>	2.54
A916	Amberg Construction (Aimwell) Olla <i>SMM: APS00011810</i>	2.53
A914	Swim Enterprises, Inc. (Columbia) <i>SMM: APS00007130</i>	Sand Only
A913	TXI Corporation (Jena) ³ <i>SMM: APS00007290</i>	2.55
DISTRICT 61		
A643	B. & M. B., Inc. (Thompson Pit) St. Francisville <i>SMM: APS00005820</i>	2.55
A644	Fleniken Sand & Gravel, Inc. (Acme Pit) Clinton <i>SMM: APS00011640</i>	2.55
A628	Bear Industries (Port Allen) ¹ <i>SMM: APS00002200</i>	Sand Only
A646	Bunch's Gravel Inc., Pit 1 (Clinton) ² <i>SMM: APS00005950</i>	2.56
----	Dennis Stewart Equipment Rental, Inc. (Joor Rd Pit) Baton Rouge <i>SMM: APS000012530</i>	Sand Only
A645	Dolese Bros. Co. (St. Helena S & G Pit) Pine Grove ² <i>SMM: APS00011650</i>	2.55

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD)A-3
DISTRICT 61 (continued)		
A636	Feliciana Farms, Inc. (Bayou Sara) <i>SMM: APS00006180</i>	2.54
A632	Hooper Road Dirt Pit (Baton Rouge) <i>SMM: APS00006400</i>	Sand Only
A638	Odom Doze Service LLC (Clinton) <i>SMM: APS00011440</i>	2.53
----	Regional Sand & Gravel, LLC (Clinton) ² Highway 960 Pit <i>SMM: APS00011920</i>	2.50
A640	Southern Aggregates (Felps) Norwood <i>SMM: APS00007010</i>	2.53
A633	Southern Filter Media (Baywood North) Baywood ³ <i>SMM: APS00007050</i>	2.50
----	Southern Aggregates, LLC Plant 15 (Clinton) <i>SMM: APS00012120</i>	2.50
----	Southern Aggregates, LLC Plant 16 (Denham Springs) <i>SMM: APS00012400</i>	2.54
A642	Tri-State Resources, LLC (Mine Site #1) Clinton <i>SMM: APS00011570</i>	2.53
DISTRICT 62		
A156	A-1 Sand and Gravel (Warnerton) Mt. Hermon <i>SMM: APS00005680</i>	2.52
AX04	Accardo Materials, Inc. (Isabel) ³ <i>SMM: APS00005700</i>	2.57
AY21	Angelle Aggregates (Greensburg) <i>SMM: APS00005760</i>	2.56
AX42	B & J, Inc. (McCain Pit) Franklinton ³ <i>SMM: APS00005810</i>	2.53
AY29	BMS, L.L.C. (Amite Pit) ⁴ <i>SMM: APS00011340</i>	2.52
-----	Baldwin Redi-Mix Co., Inc. (Greensburg) <i>SMM: APS00011940</i>	2.54

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD)A-3
DISTRICT 62 (continued)		
AX81	Barriere Construction Co., LLC (Franklinton) <i>SMM: APS00005850</i>	2.53 Gravel Only
AY25	Barriere Construction Co., LLC (Franklinton) Barriere-Knight Pit <i>SMM: APS00005840</i>	2.49
AY27	Barriere Construction Co., LLC #4 (Roseland) <i>SMM: APS00005860</i>	2.53
AY06	Bass Sand & Gravel (Bogalusa) <i>SMM: APS00005870</i>	2.47
AX94	Bayou Sand & Gravel, LLC (Tangipahoa) <i>SMM: APS00005890</i>	2.55
AX97	Bayou Sand & Gravel, LLC (Amite) <i>SMM: APS00005880</i>	2.53
AY20	Blackwell Aggregates, Inc. (Hickory Pit) ² <i>SMM: APS00005910</i>	2.46
AY33	Bunch's Gravel Inc., Pit 2 (Greensburg) <i>SMM: APS00011800</i>	2.55
AY10	Cash Sand & Gravel, Inc. (Easterly Plant) Denham Springs, LA <i>SMM: APS00005990</i>	2.52
----	Crawford Aggregate Industries, LLC (Amite) ³ <i>SMM: APS00006040</i>	2.49
AY04	Crawford Aggregate Industries, LLC (Powers Lane) Pine Grove <i>SMM: APS00006070</i>	2.53
----	Crawford Aggregate Industries, LLC (Jenkins Lane) Pine Grove <i>SMM: APS00006060</i>	2.54
AY28	Crawford Aggregate Industries, LLC (Dennis Mills) Denham Springs, LA <i>SMM: APS00006050</i>	2.52
AX71	Daley Sand and Gravel (Roseland) <i>SMM: APS00006100</i>	2.50

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD)A-3
DISTRICT 62 (continued)		
AY34	Diamond B Construction, LLC (Roseland) Drude Pit <i>SMM: APS00011700</i>	2.53
AY17	Enon Sand and Gravel, LLC Enon Plant (Franklinton) <i>SMM: APS00006170</i>	2.54
AY24	Florida Parishes Aggregate, Kent Pit (Fluker) <i>SMM: APS00006190</i>	2.56
AX91	Gillman Enterprises, LLC (Independence) <i>SMM: APS00006240</i>	2.52
AX75	Hard Rock Sand & Gravel LLC (Franklinton) ⁴ <i>SMM: APS00011410</i>	2.51
AY14	Hard Rock Sand & Gravel LLC #2 (Franklinton) <i>SMM: APS00006350</i>	2.54
AX89	Hard Rock Sand & Gravel, LLC (Mt. Hermon) <i>SMM: APS00006360</i>	2.55
AY30	Hunt Gravel (Franklinton) <i>SMM: APS00011460</i>	2.51
AX72	Industrial Aggregates, LLC (Franklinton) <i>SMM: APS00006450</i>	2.53
----	Industrial Aggregates, LLC (Covington) ² Enon Plant #2 Pit <i>SMM: APS00012510</i>	2.55
----	Industrial Aggregates (Franklinton) Pine Cliff Pit <i>SMM: APS00012620</i>	2.50
AY31	Industrial Mining Plant #5 (Tickfaw) Black Cat Pit <i>SMM: APS00011520</i>	2.50
AX68	K & C Gravel (Independence) <i>SMM: APS00006510</i>	Sand Only
AY01	Lafarge (Isabel) Bogalusa <i>SMM: APS00006600</i>	2.52

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD)A-3
DISTRICT 62 (continued)		
AY03	Lafarge (Honey Island) Pearl River <i>SMM: APS0006590</i>	2.51
AX43	Lon-Land Gravel Company (Franklinton) ³ <i>SMM: APS00006670</i>	2.53
A135	Mears Sand & Gravel (Dennis Mills) <i>SMM: APS00006770</i>	2.51
AY12	P & J Sand & Gravel, LLC (Independence) <i>SMM: APS00006850</i>	2.48
AX29	Ram Industries (Franklinton) ⁴ <i>SMM: APS00006920</i>	2.55
----	River Road Rock (Mt. Hermon Pit) ² <i>SMM: APS00012340</i>	2.53
AY05	Sand Hill Aggregates (Watson) <i>SMM: APS00006950</i>	2.51
AX93	SGM, LLC (Kentwood) <i>SMM: APS00006970</i>	2.55
AX69	Smith Sand & Gravel (Franklinton) <i>SMM: APS00006990</i>	2.52
AX59	Southern Aggregates, L.L.C. (Dennis Mills) Walker <i>SMM: APS00007040</i>	2.52
AY16	Southern Aggregates, LLC (Clemon's) Watson <i>SMM: APS00007020</i>	2.51
AY26	Southern Aggregates, LLC (Plant #7) Denham Springs <i>SMM: APS00007030</i>	2.52
AY32	Southern Aggregates, LLC (Plant #9) Amite <i>SMM: APS00011790</i>	2.53
----	Southern Aggregates, LLC (Plant #12) Greensburg <i>SMM: APS00012030</i>	2.53 Gravel Only
----	Southern Aggregates, LLC (Plant 16 Pit) Denham Springs <i>SMM: APS000012400</i>	2.54
AX13	Standard Gravel Company, Inc. (Nicholson #7) Pearl River ³ <i>SMM: APS00007100</i>	2.51

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	SPECIFIC GRAVITY OF GRAVEL (SSD)A-3
DISTRICT 62 (continued)		
AX84	Standard Gravel Company (Franklinton) <i>SMM: APS00007070</i>	2.53 Gravel Only
AX88	Standard Gravel Company (Warnerton Plant) (Franklinton) <i>SMM: APS00007120</i>	2.54 Gravel Only
AY09	Standard Gravel Company (Green Lakes Pit) Franklinton ² <i>SMM: APS00007090</i>	2.55
AY18	Standard Gravel Company (Honey Island Swamp) Pearl River Pit (Pearl River) <i>SMM: APS00007110</i>	2.49
AX96	T & D Sand & Gravel, LLC (Amite) <i>SMM: APS00007140</i>	2.53
----	Tate Construction, LLC (Tate Pit) Franklinton <i>SMM: APS00012420</i>	2.52
AB98	Willis Sand & Gravel (Sun) <i>SMM: APS00007490</i>	2.52

-End 'In-State' Producer/Suppliers

2. OUT-OF-STATE PRODUCER/SUPPLIERS

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	TYPE OF MATERIAL	SPECIFIC GRAVITY (SSD) ^{A-3}
ASAN	Alabama Sand & Gravel (Billingsley Pit) Prattville, AL <i>SMM: APS00005730</i>	Gravel Sand	2.63 2.62
ASAV	Alliance Sand and Gravel, LLC (Phil Campbell Pit) Phil Campbell, AL <i>SMM: APS00005740</i>	Sand	2.62
ASAK	Allstate Deatsville, LLC - Deatsville Pit Deatsville, AL <i>SMM: APS00005750</i>	Sand	2.62
ABAO	Arkansas Gravel Co., Inc. (Bradshaw Mine) Hampton, AR <i>SMM: APS00005780</i>	Gravel Sand	2.56 2.62

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	TYPE OF MATERIAL	SPECIFIC GRAVITY (SSD)A-3
OUT-OF-STATE PRODUCER/SUPPLIERS (continued)			
AB76	B & B Gravel And Trucking Co. Bearden, AR <i>SMM: APS00005790</i>	Gravel Sand	2.55 2.62
ASAR	Baldwin Sand & Gravel (Crystal Springs Pit) ⁴ Philadelphia, MS <i>SMM: APS00005830</i>	Gravel Sand	2.57 2.62
ASAM	Blackwell Aggregates, Inc. (Jackson Landing Pit) Nicholson, MS <i>SMM: APS00005920</i>	Gravel Sand	2.48 2.62
AA57	Blain Sand & Gravel, Inc. Crystal Springs, MS <i>SMM: APS00005940</i>	Gravel Sand	2.54 2.62
AB31	Blain Sand & Gravel, Inc. ³ Natchez, MS (Cloverhill Pit) <i>SMM: APS00005930</i>	Gravel Sand	2.57 2.62
----	Cossatot Rock, LLC ⁴ Old Deirks Hwy Pit Lockesburg, AR <i>SMM: APS00006030</i>	Gravel Sand	2.54 2.59
AB46	D & B Sand & Gravel Co., Inc. ³ Georgetown, MS <i>SMM: APS00006090</i>	Gravel Sand	2.53 2.62
----	Dickerson & Bowen Co., Inc. D & B Brookhaven Pit Brookhaven, MS <i>SMM: APS00012160</i>	Gravel	2.53
AA80	Dickerson & Bowen Riverside Gravel McComb, MS <i>SMM: APS00006110</i>	Gravel Sand	2.46 2.62
ASAS	Eastern Oklahoma Quarries, LLC (Spiro Pit) Spiro, OK <i>SMM: APS00011350</i>	Sand	2.62
ASBB	Eastern Oklahoma Quarries (Chieftan Sand Pit) ² Garland, AR <i>SMM: APS00011470</i>	Sand	2.63

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	TYPE OF MATERIAL	SPECIFIC GRAVITY (SSD)A-3
OUT-OF-STATE PRODUCER/SUPPLIERS (continued)			
ASAJ	Foley Materials Company – Plant 505 Phenix City, AL <i>SMM: APS00006210</i>	Sand	2.62
ASAT	Foley Materials Company – Plant 501 Phenix City, AL <i>SMM: APS00006200</i>	Sand	2.62
ASAI	Fouke Aggregate, LLC Fouke, AR <i>SMM: APS00006230</i>	Gravel Sand	2.61 2.62
ABAK	Green Bros. Gravel Co. #22 Hazlehurst, MS <i>SMM: APS00006260</i>	Gravel Sand	2.50 2.62
ABAL	Green Bros. Gravel Co. #65 Crystal Springs, MS <i>SMM: APS00006270</i>	Gravel Sand	2.50 2.62
ASAW	Hallett Materials – Texas Division (Porter Plant) Porter, TX <i>SMM: APS00006290</i>	Sand	2.63
ASBF	Hammett & Green Aggregates, LLC (Henry Mine Pit) ² Vicksburg, MS <i>SMM: APS00011690</i>	Gravel Sand	2.56 2.62
ASAU	Hammett Gravel Co., Inc. (Yazoo City Operation) Benton, MS <i>SMM: APS00006300</i>	Gravel Sand	2.56 2.62
AA70	Hanson Aggregates (Eagle Mills) Bearden, AR <i>SMM: APS00006310</i>	Gravel Sand	2.57 2.62
A092	Hanson Aggregates (Little River) Ashdown, AR <i>SMM: APS00006320</i>	Gravel Sand	2.56 2.62
ASBE	Hanson Aggregate (Bristol Plant) Ennis, TX <i>SMM: APS00011630</i>	Sand	2.63
AB07	Huey P. Stockstill, LLC (12 Oaks Pit) ³ Picayune, MS <i>SMM: APS00006420</i>	Gravel Sand	2.47 2.62

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	TYPE OF MATERIAL	SPECIFIC GRAVITY (SSD)A-3
OUT-OF-STATE PRODUCER/SUPPLIERS (continued)			
ASBC	Huey P. Stockstill, LLC (Santa Rosa Pit) ² Picayune, MS <i>SMM: APS00011450</i>	Sand	2.63
AB26	Huey P. Stockstill, LLC (Pine Grove Pit) ⁴ Picayune, MS <i>SMM: APS00006430</i>	Gravel Sand	2.53 2.62
ABAP	JJ Ferguson Sand & Gravel Blackhawk Pit ² Greenwood, MS <i>SMM: APS00006490</i>	Sand Gravel	2.62 2.54
A091	Johnsville Sand & Gravel Hermitage, AR <i>SMM: APS00006500</i>	Gravel Sand	2.55 2.62
ASAG	King Sand & Gravel Kerens, TX <i>SMM: APS00006530</i>	Sand	2.62
AB91	Krystal Gravel, Inc. Crystal Springs, MS <i>SMM: APS00006540</i>	Gravel Sand	2.53 2.62
----	LeHigh Hanson (Arena Pit) Garwood, TX <i>SMM: APS00012380</i>	Sand	2.62
ASAL	Marion Clay and Gravel, L.L.C. Columbia, MS <i>SMM: APS00006680</i>	Gravel Sand	2.48 2.62
ABAS	Martin Marietta Materials (Broken Bow Sand & Gravel) Eagleton, OK <i>SMM: APS00006700</i>	Gravel	2.56
ASAX	Martin Marietta Materials (Garwood Plant) Humble, TX <i>SMM: APS00006720</i>	Gravel	2.57
ABAC	Memphis Stone & Gravel Co. (Anderson Plant) Nesbit, MS <i>SMM: APS00006780</i>	Sand	2.62
ABAD	Memphis Stone & Gravel Co. (Perry Plant) Senatobia, MS <i>SMM: APS00006790</i>	Sand	2.62

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	TYPE OF MATERIAL	SPECIFIC GRAVITY (SSD)A-3
OUT-OF-STATE PRODUCER/SUPPLIERS (continued)			
ASAQ	Oddee Smith Construction, Inc. (Oddee California Camp Pit) Brookhaven, MS <i>SMM: APS00006840</i>	Gravel	2.56
A018	Perkinston Sand & Gravel Perkinston, MS <i>SMM: APS00006860</i>	Sand	2.62
ASAF	R & R Logging & Gravel Columbia, MS <i>SMM: APS00006910</i>	Gravel Sand	2.49 2.62
ASAP	Riverside Sand & Gravel (NW St. Paul Pit) Tylertown, MS <i>SMM: APS00006930</i>	Sand	2.62
ASAZ	Shale Support Holdings, LLC (Nicholson Pit) ⁴ Nicholson, MS <i>SMM: APS00011360</i>	Gravel Sand	2.49 2.63
ASAY	Simpson Materials Company (Ranken Site) Valley Park, MO <i>SMM: APS00006980</i>	Gravel	2.51
ASBA	South Gate Aggregates, L.L.C. ³ (Burge Pit) Nicholson, MS <i>SMM: APS00011380</i>	Gravel Sand	2.47 2.63
AB69	Standard Gravel Company (SGC Glendale Pit) Hattiesburg, MS <i>SMM: APS00007080</i>	Gravel Sand	2.56 2.62
ASAO	Standard Gravel Company Columbia, MS (Bradley Pit) <i>SMM: APS00007060</i>	Gravel	2.54
ASBD	Standard Gravel Company ² Columbia, MS (Gross/Webb Pit) <i>SMM: APS00011550</i>	Gravel Sand	2.53 2.63
----	Standard Gravel Company (Evelyn Gandy Pit) Hattiesburg, MS <i>SMM: APS00012330</i>	Gravel Sand	2.53 2.63
AB27	The Fordyce Company ³ Victoria, TX (Briggs Plant) <i>SMM: APS00007170</i>	Gravel Sand	2.74 2.62

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	TYPE OF MATERIAL	SPECIFIC GRAVITY (SSD)A-3
OUT-OF-STATE PRODUCER/SUPPLIERS (continued)			
ASAH	Triangle Aggregates, Inc. Couch – Triangle Pit Jackson, AL SMM: APS00007210	Gravel	2.61
		Sand	2.63
ASAE	Trinity Materials - W. Lockesburg, AR SMM: APS00007250	Gravel	2.56
		Sand	2.62
ASAA	Wooten Sand & Gravel Fouke, AR SMM: APS00007510	Gravel	2.60
		Sand	2.62

-End 'Out-of-State' Producer/Suppliers

ENDNOTES TO SECTION A:

1. Sand from this source is approved for asphaltic concrete only.
2. Sand from this source is restricted in Portland Cement Concrete to cements or cement/fly ash combinations with 0.6% alkalis or less.
3. Gravel from this source is restricted in Portland Cement Concrete to cements or cement/fly ash combinations with 0.6% alkalis or less.
4. Sand and Gravel from this source are restricted in Portland Cement Concrete to cements or cement/fly ash combinations with 0.6% alkalis or less.
5. Gravel from this source contains an unusual amount of hematite iron ore. If used in Portland Cement Concrete, the hematite content cannot exceed 2%.

NOTES:

Note A-1:

Source approval samples of gravel and sand are obtained by personnel from the Materials and District Laboratories. The source is defined as the pit or quarry which produces the aggregate being evaluated. All aggregate which does not pass through the 4.75mm (No. 4) sieve shall be source approved prior to use. Certain aggregates may be approved for restricted use. A complete source approval analysis shall be run on each aggregate source.

NOTE A-2:

All material, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual and tested for conformance to the appropriate specifications. An deviation in performance from the original sample submitted may result in removal of the material from the qualified list.

NOTE A-3:

A specific gravity value of 2.62 (SSD) may be used for all in-state silica sands used for portland cement concrete.

NOTE A-4:

Because absorption has been found to correlate with the type and specific gravity of silica sands and chert gravels, the water absorption factors given in the following table may be used:

Specific Gravity (SSD)	Water Absorption Factor
SAND	
2.62	0.5
GRAVEL	
2.45	4.0
2.46	4.0
2.47	3.5
2.48	3.5
2.49	3.5
2.50	3.0
2.51	2.5
2.52	2.5
2.53	2.2
2.54	1.7
2.55	1.5
2.56	1.2
2.57	1.0
2.58	1.0
2.59	1.0
2.60	1.0
2.61	0.8
2.62	0.8
2.63	0.8

B. OTHER AGGREGATE MATERIALS

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS^{B-1}
ABBC	Agrecasa Del Caribe Relelpedregal 21 y 23 Calle 22 Ave. B San Pedro Sula-Honduras (Water Absorption = 1.6) (Spec. Gravity - SSD = 2.63) <i>SMM: APS00005710</i>	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBY	APAC-Brickey's Stone 13588 Brickey's Road Bloomsdale, MO 63627 (Water Absorption = 1.4) (Spec. Gravity - SSD = 2.64) <i>SMM: APS00005770</i>	Stone (Limestone) Burlington Formation	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABCD	APAC-Brickey's Stone 13588 Brickey's Road Bloomsdale, MO 63627 (Water Absorption = 1.9) (Spec. Gravity - SSD = 2.61) <i>SMM: APS00011430</i>	Stone (Limestone) Plattin Formation	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABCJ	Arkansas Aggregates, Inc. 3M - Big Rock Quarry 6350 Arch Street Little Rock, AR 72216 (Water Absorption = 0.6%) (Spec. Gravity - SSD = 2.59) <i>SMM: APS00011730</i>	Granite	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB25	Big River Industries, Inc. Erwinville, LA 70729 (Water Absorption = 16.3) (Spec. Gravity - SSD = 1.65) <i>SMM: APS00005900</i>	Expanded Clay Lightweight Aggregate	1) Asphaltic Surface Treatment (Type B, C, & D applications only) 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = I) 3) Portland Cement Concrete
ABBK	Capital Aggregates Marble Falls 8147 US-281 North Burnet, TX 78611 (Water Absorption = 0.6) (Spec. Gravity - SSD = 2.79) <i>SMM: APS00005970</i>	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
ABAR	Carolina Stalite Company P. O. Box 186 Gold Hill, NC 28072 (Water Absorption = 3.7) (Spec. Gravity - SSD = 1.45) <i>SMM: APS00005980</i>	Lightweight Aggregate (Expanded Slate); Gold Hill, NC	1) Asphaltic Surface Treatment 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = I) 3) Portland Cement Concrete (where specified)
ABCI	Central Stone Co. (Butler Hill Granite Quarry) 5601 Hwy DD Farmington, MO 63640 (Water Absorption = 0.3) (Spec. Gravity – SSD = 2.62) <i>SMM: APS00011620</i>	Granite	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AA89	Certain Teed Gads Hill P. O. Box 307 Piedmont, MO 63957 (Water Absorption = 0.3) (Spec. Gravity – SSD = 2.64) <i>SMM: APS00006010</i>	Stone ² (Rhyolite ‘Traprock’; Gads Hill, MO)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBX	Columbus Quarry, L.L.C. Fortson Quarry 3001 Smith Road Fortson, GA 31808 (Water Absorption = 0.7) (Spec. Gravity – SSD = 2.66) <i>SMM: APS00006020</i>	Granite	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBN	Crystal Hill Quarry (Granite Mountain Quarries) 9100 Rowlett Drive North Little Rock, AR 72113 (Water Absorption = 0.9) (Spec. Gravity - SSD = 2.62) <i>SMM: APS00006080</i>	Stone (Sandstone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB04	Delta Materials P. O. Box 99 Marble Falls, TX 78654 (Water Absorption = 2.1) (Spec. Gravity OSSD = 2.56) <i>SMM: APS00007520</i>	Stone (Sandstone; Fairland, TX)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
AB28	3M Industrial Minerals 3110 Walters Road Little Rock, AR 72206 (Spec. Gravity – Apparent = 2.62) <i>SMM: APS00006120</i>	Stone (Syenite Granite Fines)	This is a manufactured sand approved for the following applications 1) Special Embankment (non-plastic) 2) Select Materials 3) Granular Material for Subbase 4) Supplemental Fines (screenings) for Asphaltic Concrete (Friction Rating – III)
ABAE	Duffield Gravel Co. 16 Bluff Drive Russellville, AR 72802 (Water Absorption = 1.4) (Sp. Grav. (SSD) = 2.62) <i>SMM: APS00006150</i>	Stone (Sandstone; New Hope Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAF	Duffield Gravel Co. 16 Bluff Drive Russellville, AR 72802 (Water Absorption = 1.5) (Sp. Grav. (SSD) = 2.60) <i>SMM: APS00006140</i>	Stone (Sandstone; Gum Log Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
AA15	Foster Yoeman Limited Shepton Mallet Somerset, England BA4 4SQ (Water Absorption = 0.5) (Spec. Gravity - SSD = 2.62) <i>SMM: APS00006220</i>	Stone (Granite; Glensanda Quarry, Scotland)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
AB85	G & S Marketing Group, LLC 5001 Red Rock Road Adamsville, AL (Water Absorption = 4.3) (Spec. Gravity – SSD = 2.31) <i>SMM: APS00011480</i>	Stone ⁵ (Alumina Chert, Red Rock Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
A033	Granite Mountain Quarries P. O. Box 138 Sweet Home, AR 72164 (Water Absorption = 0.9) (Spec. Gravity - SSD = 2.59) <i>SMM: APS00006250</i>	Stone (Syenite Granite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Portland Cement Concrete 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
A077	Hanson Aggregates P. O. Box 190999 Dallas, TX 75219 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.68) <i>SMM: APS00006340</i>	Stone ² (Limestone; Perch Hill Plant; Bridgeport, TX)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB18	Hanson Aggregates P. O. Box 31135 New Braunfels, TX (Water Absorption = 1.6) (Spec. Gravity - SSD = 2.58) <i>SMM: APS00006330</i>	Stone ² (Limestone; New Braunfels, TX)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AA90	Hastie Mining Company 5845 Carsten Road Medina, OH 44256 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.66) <i>SMM: APS00006370</i>	Stone (Sandstone; Hastie Mining Company Quarry; Cave-In-Rock, IL)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABCM	Hastie Mining & Trucking RR1 Box 55 Cave-In-Rock, IL 62919 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.67) <i>SMM: APS00011780</i>	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
----	Hastie Mining & Trucking Route #1 Box 55 Cave-In-Rock, IL 62919 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.69) <i>SMM: APS00012590</i>	Stone (Limestone; Lead Hill Quarry; St. Genevieve Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Riprap & Stone Revetment
AB55	Heckett/MultiServ Plant #51 P. O. Box 822 Warsaw, KY 41095 (Water Absorption = 2.0) (Spec. Gravity - SSD = 3.26) <i>SMM: APS00006390</i>	Slag (EAF Steel Slag; Gallatin Steel Co., Ghent, KY)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I)

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
AB71	Heckett/MultiServ Plant #54 P. O. Box 247 Amorel, AR 72310 (Water Absorption = 1.6) (Spec. Gravity - SSD = 3.60) <i>SMM: APS00006380</i>	Steel Slag ¹ (Nucor-Yamato Steel Co., Blytheville, AR)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Bedding Material
ABBM	Howe Mine P. O. Box 11050 Fort Smith, AR 72956 (Water Absorption = 2.5) (Spec. Gravity = 2.49) <i>SMM: APS00006410</i>	Stone (Sandstone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AA91	Ideal Dominicana, S.A. P. O. Box 1323 Santo Domingo, Dominican Republic (Water Absorption = 1.3) (Spec. Gravity - SSD = 2.61) <i>SMM: APS00006440</i>	Stone (Limestone)	1) Base & Surface Course
ABCE	Industrias de Agregados Peralvillo los Montones, S.R.L. Avenida Romulo Batancourt #2058 Suite 202 Santo Domingo, Dominican Republic (Water Absorption = 0.8) (Spec. Gravity – SSD = 3.0) <i>SMM: APS00011390</i>	Stone ¹ (Basalt Rock)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
AB14	International Mill Service 100 Old Highway 90 Rose City, TX 77662 (Water Absorption = 1.5) (Spec. Gravity - SSD = 3.60) <i>SMM: APS00006460</i>	Steel Slag ¹ (North Star Steel Company)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II)
AB73	Iron Mountain Trap Rock Co. 325 Highway W, Box 8 Iron Mountain, MO 63650 (Water Absorption = 0.2) (Sp. Grav.- SSD = 2.65) <i>SMM: APS00006470</i>	Stone (Rhyolite: Iron Mountain, MO)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
ABBO	Jamaica Aggregates Limited dba Lafarge 31 Molynes Road Kingston Jamaica (Water Absorption = 1.0%) (Spec. Gravity - SSD = 2.72) <i>SMM: APS00006480</i>	Stone (Crushed Alluvial Stone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAM	Lafarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.68) <i>SMM: APS00006570</i>	Stone (Siliceous Limestone; Cave-In-Rock, IL; Ledges 8 - 10)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAN	Lafarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.67) <i>SMM: APS00006560</i>	Stone (Sandstone; Cave-In-Rock, IL)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
----	Lafarge North America Three Rivers Quarry – Pit #1 830 Three Rivers Quarry Road Smithland, KY 42081 (Water Absorption = 0.89) (Spec. Gravity-SSD = 2.68) <i>SMM: APS0011870</i>	Stone St. Louis Limestone Bench S1 (Siliceous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Riprap & Stone Revetment
ABCA	Lafarge North America Fredonia Quarry 297 Fredonia Quarry Road Fredonia, KY 42411 (Water Absorption = 0.7) (Spec. Gravity-SSD=2.69) <i>SMM: APS00006580</i>	Stone (Siliceous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABCB	Lafarge North America Perryville Quarry 521 Quarry Lane Perryville, MO 63775 (Water Absorption=0.5) (Spec. Gravity-SSD=2.70) <i>SMM: APS00006610</i>	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
ABCC	Lafarge North America Rosclair Quarry Rural Rt. 1, Box 128 Golconda, IL 62938 (Water Absorption=0.6) (Spec. Gravity-SSD=2.68) <i>SMM: APS00006620</i>	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABCF	Lafarge North America 2509 Mound Avenue Joliet, IL 60439 (Water Absorption – 1.3) (Spec. Gravity – SSD = 2.71) <i>SMM: APS00011490</i>	Stone (Dolomitic Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
A067	Little Rock Quarry Company P. O. Box 548 Benton, AR 72015 (Water Absorption = 1.2) (Spec. Gravity 0 SSD = 2.62) <i>SMM: APS00006660</i>	Stone (Sandstone; Arkadelphia, OR)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AA92	Martin Marietta Aggregates P. O. Box 1325 Mena, AR 71953 (Water Absorption = 1.0) (Spec. Gravity - SSD = 2.64) <i>SMM: APS00006710</i>	Stone ³ (Rhyloite ‘Traprock’; Cove, AR)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
AA39	Martin Marietta Aggregates 3019 Riverwatch Parkway Augusta, GA 30907 (Water Absorption = 0.9) (Spec. Gravity - SSD = 2.70) <i>SMM: APS00006750</i>	Stone (Granite; Nova Scotia, Construction Aggregate Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
AA86	Martin Marietta Aggregates 3019 Riverwatch Parkway Augusta, GA 30907 (Water Absorption = 3.9) (Spec. Gravity - SSD = 2.38) <i>SMM: APS00006690</i>	Stone (Porous Limestone; Bahama Island, Freeport)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
AA51	Martin Marietta Aggregates P. O. Box 219 Powderly, TX 75473 (Water Absorption = 2.3) (Spec. Gravity - SSD = 2.52) <i>SMM: APS00006760</i>	Stone (Sandstone; Sawyer, OK)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAW	Martin Marietta Aggregates 524 Central Avenue Hot Springs, AR 71901 (Water Absorption = 2.2) (Spec. Gravity - SSD = 2.53) <i>SMM: APS00006730</i>	Stone (Sandstone; Jones Mill Pit, Malvern, AR)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAX	Martin Marietta Aggregates 524 Central Avenue Hot Springs, AR 71901 (Water Absorption = 0.9) (Spec. Gravity - SSD = 2.58) <i>SMM: APS00006740</i>	Stone (Syenite Granite; Jones Mill Pit, Malvern, AR)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
----	Martin Marietta – MMR 204 County Road 421 Hondo, TX 78861 (Water Absorption = 2.2) (Spec. Gravity – SSD = 2.53)	Stone (Limestone; Medina Rock & Rail Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Riprap & Stone Revetment
ABAG	Mineral Technology Systems 61 Nor Brook Drive Kingston, Jamaica W.I. (Water Absorption = 3.9) (Spec. Gravity - SSD = 2.40) <i>SMM: APS00006800</i>	Stone (Porous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks)
AB88	Missouri Red Quarries, Inc. HCR 63 Box 3371 Ironton, MO 63650 (Water Absorption = 0.4) (Sp. Gravity - SSD = 2.62) <i>SMM: APS00006810</i>	Stone (Granite: Ironton, Missouri)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB75	MMD Stone, LLC 600 N.E. Quarry Drive Jackson, MO 63755 (Water Absorption = 1.2) (Spec. Gravity - SSD = 2.64) <i>SMM: APS00006820</i>	Stone Siliceous Limestone; (Bailey Formation) Jackson, MO	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
ABBF	Pike County Constr./Earnest Investments P. O. Box 141 Kirby, AR 71950 (Water Absorption = 2.0) (Spec. Gravity - SSD = 2.56) SMM: APS00006870	Stone (Sandstone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB13	Pine Bluff Sand & Gravel Co. P. O. Box 80 New Blaine, AR 72851 (Water Absorption = 1.0) (Spec. Gravity - SSD = 2.63) SMM: APS00006880	Stone (Sandstone; River Mountain Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABBS	Pine Bluff Sand & Gravel Co. Cumberland River Quarry 780 Spencer Road Salem, KY 42078 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.68) SMM: APS00006890	Stone (Siliceous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABBH	Productos Mitza, S.A. DE C.V. KM 4.5 Carr. A. Caucel Merida Yucatan, Mexico 97248 (Water Absorption = 6.1) (Spec. Gravity - SSD = 2.32) SMM: APS00006900	Stone (Porous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks)
AB15	Texas Crushed Stone Co., Inc. Georgetown, TX (Water Absorption = 3.6) (Spec. Gravity - SSD = 2.48) SMM: APS00007160	Stone ² (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
A056	Tower Rock Stone Company 19829 Lower Frenchman Road, Ste Genevieve, MO 63670 (Water Absorption = 1.6) (Spec. Gravity - SSD = 2.64) (Spec. Gravity - App = 2.72) (Spec. Gravity - Bulk = 2.60) SMM: APS00007180	Stone ² (Limestone; St. Genevieve, MO)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
A079	Tower Rock Stone Company P. O. Box 69 Columbia, IL 62236 (Water Absorption = 4.8) (Spec. Gravity - SSD = 2.47) <i>SMM: APS00007190</i>	(Oolitic Stone; St. Genevieve, MO)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
----	Tower Rock Stone Company P. O. Box 111 Ste Genevieve, MO 63670 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.68) <i>SMM: APS00012130</i>	(Stone Limestone; Ledge 12 St. Louis Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Riprap & Stone Revetment
ABCK	Trap Rock & Granite Quarries, LLC 1952 Country Road 96 Ironton, MO 63650 (Water Absorption = 0.3) (Spec. Gravity – SSD =2.67) <i>SMM: APS00011770</i>	Stone (Granite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABCL	Trap Rock & Granite Quarries, LLC 1952 Country Road 96 Ironton, MO 63650 (Water Absorption = 0.3) (Spec. Gravity – SSD =2.65) <i>SMM: APS00011770</i>	Stone (Rhyolite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBD	Travis Creek Entergy, LLC 5969 Deans Ferry Road Trafford, AL 35233 (Water Absorption = 1.6) (Spec. Gravity - SSD = 2.64) <i>SMM: APS00007200</i>	Stone (Granite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
AB10	TXI P. O. Box 217 Streetman, TX 75859 (Water Absorption = 1.3) (Spec. Gravity – SSD = 2.64) <i>SMM: APS00007280</i>	Expanded Shale Lightweight Aggregate (Streetman- Lightweight)	1) Asphaltic Surface Treatment 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = I) 4) Portland Cement Concrete (where specified)

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
AB61	TXI 4600 Lee Street Alexandria, LA 71302 (Water Absorption = 1.3) (Spec. Gravity - SSD = 2.64) SMM: APS00007260	Stone (Limestone; Bridgeport, TX)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
A042	Vulcan Materials Company P. O. Box 7497 Birmingham, AL 35263 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.71) SMM: APS00007340	Stone ² (Limestone Calera Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB42	Vulcan Materials Company P. O. Box 459 Cherokee, AL 35616 (Water Absorption = 0.9) (Spec. Gravity - SSD = 2.62) SMM: APS00007360	Stone ² (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB53	Vulcan Materials Company P. O. Box 193 Georgetown, TX 78622 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.64) SMM: APS00007440	Stone (Limestone; Spicewood, TX)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB35	Vulcan Materials Company 1277 S. 7000 West Road Kankakee, IL 60901 (Water Absorption = 1.5) (Spec. Gravity - SSD = 2.69) SMM: APS00007400	Stone ² (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB36	Vulcan Materials Company 6141 North Route 50 Manteno, IL 60950 (Water Absorption = 1.6) (Spec. Gravity - SSD = 2.65) SMM: APS00007330	Stone ² (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
AA95	Vulcan Materials Company 285 West Esplanade Avenue Suite 402 Kenner, LA 70065 (Water Absorption = 3.7) (Spec. Gravity - SSD = 2.38) <i>SMM: APS00007350</i>	Stone (Porous Limestone - Sactun; Cancun, MX)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete
AB19	Vulcan Materials Company P. O. Box 96 Trinity, AL 35673 (Water Absorption = 1.2) (Spec. Gravity - SSD = 2.65) <i>SMM: APS00007450</i>	Stone ² (Limestone; Trinity Plant; Decatur, AL)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AB41	Vulcan Materials Company P. O. Box 110 Tuscumbia, AL 35674 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.64) <i>SMM: APS00007460</i>	Stone ² (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBP	Vulcan Materials Company 947 U. S. Highway 62 Grand Rivers, KY 42045 (Water Absorption = 0.9) (Spec. Gravity - SSD = 2.67) <i>SMM: APS00007390</i>	Stone (Limestone; Grand Rivers Quarry Warsaw Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBQ	Vulcan Materials Company 947 U. S. Highway 62 Grand Rivers, KY 42045 (Water Absorption = 0.2) (Spec. Gravity - SSD = 2.68) <i>SMM: APS00007380</i>	Stone (Siliceous Limestone; Grand Rivers Quarry Ft. Payne Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) <i>for ADT ≤ 20,000</i> 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABBR	Vulcan Materials Company 947 U. S. Highway 62 Grand Rivers, KY 52045 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.24) <i>SMM: APS00007420</i>	Stone (Siliceous Limestone; Lake City Quarry Salem Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (Bridge Decks Excluded) 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
ABBT	Vulcan Materials Company Pride Quarry 18055 Highway 72 West Tuscumbia, AL 35674 (Water Absorption = 1.9) (Spec. Gravity – SSD = 2.60) <i>SMM: APS00007430</i>	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBV	Vulcan Materials Company LaGrange Quarry 628 Vulcan Materials Road LaGrange, GA 30241 (Water Absorption = 0.4) (Spec. Gravity – SSD=2.66) <i>SMM: APS00007410</i>	Granite	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
----	Vulcan Materials Company Notsulga Quarry 8938 Alabama Hwy 14 West Loachapoka, AL 36864 <i>SMM: APS00012300</i>	Stone; (Granite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
----	Vulcan Materials Company Barin Quarry Columbus, GA <i>SMM: APS00012500</i>	Stone (Granite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Bedding Material 5) Riprap & Stone Revetment
ABAY	Warren Paving 712 Lee Lane Salem, KY 42078 (Water Absorption = 0.3) (Spec. Gravity - SSD = 2.70) <i>SMM: APS00007480</i>	Stone (Limestone; Slats Lucas Quarry)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II; <10,000 ADT) 4) Riprap & Stone Revetment
----	Warren Paving Inc. Slats Lucas Quarry 712 Lee Lane Salem, KY 42078 (Water Absorption 0.6957) (Spec. Gravity – SSD = 2.67) <i>SMM: APS00012680</i>	Stone (Limestone, Lower Warsaw Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment

PRODUCT SOURCE CODE	PRODUCER/SUPPLIER	MATERIAL	APPROVED USES & FRICTION RATINGSB-1
OTHER AGGREGATE MATERIALS (continued)			
AB78	Winn Materials Clarksville, TN (Water Absorption = 0.6) (Sp. Gravity - SSD = 2.7) (Sp. Gravity - App = 2.72) (Sp. Gravity - Bulk = 2.68) SMM: APS00007500	Stone (Siliceous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete and PCC (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBU	Winn Materials of Kentucky, LLC Chaudet Creek Quarry 877 Dover Road Grand Rivers, KY 42025 (Water Absorption = 0.5) (Spec. Gravity – SSD = 2.68) SMM: APS00005960	Stone (Siliceous Limestone: St. Louis Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Riprap & Stone Revetment
-----	Winn Materials of Kentucky, LLC Chaudet Creek Quarry 877 Dover Road Grand Rivers, KY 42025 SMM: APS00012320	Stone (Siliceous Limestone: Warsaw Formation)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Riprap & Stone Revetment

ENDNOTES TO SECTION B:

1. *Due to the high apparent gravity of this aggregate, the yield of asphaltic concrete mixtures utilizing this material would be less than standard mixtures.*
2. *May be used in a final Asphaltic Concrete Wearing Course where the ADT per lane is less than 1000 VPD or the ADT per roadway is less than 2000 VPD and this aggregate does not constitute more than 70% by volume of the total aggregate in the mixture.*
3. *May be used as a Friction Rating of II in final Asphaltic Concrete Wearing Surfaces where the ADT for the total roadway is less than 40,000 VPD.*
4. *May be used in Asphaltic Surface Treatment for Type B and Type D applications only.*
5. *Material from this source is restricted in Portland Cement Concrete mixes to cement or cement/fly ash combinations with 0.6% alkalis or less.*

NOTES:

NOTE B-1:

Refer to Subsections 501.02 and 1003.06 for definition and application of Friction Ratings.

NOTE B-2:

All material, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual and tested for conformance to the original specification. Any deviation in composition or performance from the original sample submitted may result in removal of the product from the qualified list.

REFERENCE:

- DOTD Standard Specifications and Special Provisions, Section 1003
- DOTD Supplemental Specifications
- DOTD Maintenance Specifications

No information contained in this list is to be used for promotional purposes.