

LIST OF COMMERCIAL SOURCES**EFFECTIVE: January 31, 2018****ATTENTION: ALL DISTRICTS****LIST OF SOURCES CHECKED UNDER ARTICLE 703.2 OF THE 2002 CONSTRUCTION MANUAL FOR QUALITY CONTROL OF COMMERCIAL SOURCES, NOTE 4, AND MP 700.00.01.**

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
AAQ1.01.704	“AA” Quarry	Grayson, KY	C. Agg-Limestone F. Agg-Limestone	1452810 Note 1 1452687 Note 1
AIC1.02.704	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1452489
AIC1.03.704	Aggregate Industries (Dolomite)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1452392 1452393
AAC1.02.704	Allegany Aggregates	Flintstone, MD	C. Agg-Limestone F. Agg- Limestone	1452466 1452467
AAC1.01.704	Allegany Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1452582 1452583
JFA2.02.704	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452319 1452320
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452321 1452322
BSG1.01.704	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1452638 1452639
LCC1.02.704	Bluegrass Material	Warfordsburg, PA	C. Agg-Limestone F. Agg-Limestone	1452466 1452467
BAC1.02.704	Appalachian Agg. of WV	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1452313 1452314
BAC1.03.704	Appalachian Agg. of WV	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1452315 1452316
BCS1.01.704	Brushey Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1452688 Note 1 1452689 Note 1
BSC2.01.704	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1452509 1452508
CLC1.03.704	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1452726 Note 1 1452725 Note 1

List of Commercial Sources
Effective January 31, 2018
Page 2

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
CLC1.01.704	Carmeuse Lime	Clearbrook, VA	C. Agg-Limestone F. Agg-Limestone	1452538 1452537
CLC1.02.704	Carmeuse Lime	Strasburg, VA	C. Agg-Limestone F. Agg-Limestone	1452536 1452535
CSS1.01.704	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone F. Agg-Limestone	1452505 1452504
CSI2.01.704	Cranesville Stone	Cranesville, WV	C. Agg-Limestone F. Agg-Limestone	1452479 1452480
DEC1.01.704	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1452386 1452387
FMC1.01.704	Fairfax Materials	Arthur, WV	C. Agg-Limestone F. Agg-Limestone	1452584 1452585
FMC1.02.704	Fairfax Materials	Scherr, WV	C. Agg-Limestone F. Agg-Limestone	1452586 1452587
FMC1.03.704	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1452503
GIC1.02.704	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1452502 1452501
GIC1.03.704	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1452507 1452506
GIC1.04.704	Greer Industries (Cheat River)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1452500 1452499
GIC1.01.704	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone F. Agg-Limestone	1452588 1452589
HAC1.02.704	Hanson Aggregates	New Kensington, PA	C. Agg-Gravel	1452498
HBB1.01.704	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1452619 1452620
HBR1.01.704	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel F. Agg-Silica Sand	1452617 1452618

**List of Commercial Sources
Effective January 31, 2018
Page 3**

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
IQC1.01.704	Inwood Quarry	Inwood, WV	C. Agg-Limestone F. Agg-Limestone	1452544 1452543
JIC1.01.704	Jaymar, Inc.	Reedsville, OH	C. Agg-Gravel F. Agg-Silica Sand	1452741 Note 1 1452742 Note 1
KLC1.02.709	Keystone Lime	Springs, PA	C. Agg-Limestone F. Agg-Limestone	1452470 1452471
LLL1.01.704	Latham Stone	Latham, OH	C. Agg-Limestone F. Agg-Limestone	1452733 Note 1 1452734 Note 1
LAC1.01.704	Laural Aggregates	Lake Lynn, PA	C. Agg-Limestone F. Agg-Limestone	1452497 1452496
LSG1.01.704	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1452727 Note 1 1452728 Note 1
LSC1.01.704	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	C. Agg-Diabase	1452394
LSC1.02.704	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1452395
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1452737 Note 1 1452738 Note 1
MMA1.05.704	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1452396 1452397
MMA1.02.704	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1452642 1452643
MMA1.03.704	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1452398 1452399
MMA1.06.704	LaFarge (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1452712 1452711
MMC2.01.704	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1452472

**List of Commercial Sources
Effective January 31, 2018
Page 4**

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
MSP1.01.704	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone	1452317
			F. Agg-Limestone	1452318
MCS1.01.704	Mercer Crushed Stone	Princeton, WV	C. Agg-Limestone F. Agg-Limestone	1452390 1452391
MSG1.01.704	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel	1452644
			F. Agg-Silica Sand	1452645
MAC1.01.704	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone	1452690 Note 1
			F. Agg-Limestone	1452691 Note 1
MAC1.02.704	Mountain Aggregates	Jenkins, KY	C. Agg-Limestone	1452692 Note 1
			F. Agg-Limestone	1452697 Note 1
MMC1.02.704	Mountain Materials	Carter City, KY	C. Agg-Limestone	1450410
			F. Agg-Limestone	1450409
MMC1.01.704	Mountain Mat. (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone	1452809 Note 1
			F. Agg-Limestone	1452694 Note 1
MSC1.01.704	Mountain Slag	Greenup, KY	C. Agg-Slag	1452695 Note 1
			F. Agg-Slag	1452696 Note 1
MCS2.01.704	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone	1452625
			F. Agg-Limestone	1452626
MCS2.02.704	Mulzer Stone (Dolomite)	Charlestown, IN	C. Agg-Limestone	1452627
			F. Agg-Limestone	1452628
MCS2.03.704	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone	1452623
			F. Agg-Limestone	1452624
RAC1.01.704	Rockydale Aggregates	Broadway, VA	C. Agg-Limestone	1452532
			F. Agg-Limestone	1452531
RAC1.02.704	Rockydale Aggregates	Timberville, VA	C. Agg-Limestone	1452534
			F. Agg-Limestone	1452533
NLS1.01.704	National Lime and Stone	Carey, OH	C. Agg-Limestone	1452663
			F. Agg-Limestone	1452664

List of Commercial Sources
Effective January 31, 2018
Page 5

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
NES1.01.704	New Enterprise Stone (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1452473 1452474
NSG1.01.704	Nugent Sand & Gravel	Milton, KY	C. Agg-Gravel F. Agg-Silica Sand	1452629 1452630
PSG1.01.704	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel F. Agg-Silica Sand	1452730 Note 1 1452731 Note 1
PRS1.01.704	Hanson Aggregates (Plum Run Stone)	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1452735 Note 1 1452736 Note 1
PMQ1.02.704	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1452382 1452383
PMQ1.01.704	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1452384 1452385
PMQ1.03.704	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1452444 1452443
RBS1.01.704	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1452311 1452312
RSC1.01.704	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone F. Agg-Limestone	1452621 1452622
SSC1.01.704	Salem Stone (Quartzite)	Sylvatus, VA	C. Agg-Quartzite F. Agg-Quartzite	1452442 1452441
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1452743 Note 1 1452744 Note 1
SMC1.01.704	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1452739 Note 1 1452740 Note 1
SCS1.01.704	South Central Sand and Gravel	Piketon, OH	F. Agg-Silica Sand	1452732 Note 1
SWV1.01.704	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452323 1452324

**List of Commercial Sources
Effective January 31, 2018
Page 6**

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
SSG1.01.704	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel	1452647
			F. Agg-Silica Sand	1452646
SMP2.01.704	Stuart M. Perry	Winchester, VA	C. Agg-Limestone	1452542
			F. Agg-Limestone	1452541
SMP2.02.704	Stuart M. Perry	Berryville, VA	C. Agg-Limestone	1452540
			F. Agg-Limestone	1452539
SMC2.01.704	Subtropolis Mining Company	Petersburg, OH	C. Agg-Limestone	1452648
			F. Agg-Limestone	1452649
VQC1.01.704	Valley Quarries	Chambersburg, PA	C. Agg-Limestone	1452475
			F. Agg-Limestone	1452476
VQC1.02.704	Valley Quarries	Gettysburg, PA	C. Agg-Dolomite	1452477
			F. Agg-Dolomite	1452478
WCC1.01.704	Melvin Stone	Oak Hill, OH	F. Agg-Limestone	1452729 Note 1
WSC1.01.704	Wythe Stone	Wytheville, VA	C. Agg-Limestone	1452440
			F. Agg-Limestone	1452439
			F. Agg-Silica Sand (Manufactured)	1452438

* Removed from list this quarter

** Added to list this quarter

*** Name change

**** Location change

THE FOLLOWING SOURCES ARE APPROVED FOR LIMITED APPLICATION ONLY. SEE QUALIFYING STATEMENT ON TEST REPORT TO DETERMINE WHICH APPLICATIONS ARE NOT SUITABLE FOR THIS MATERIAL.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
BAC1.01.704	Appalachian Aggregates	Beckley, WV	C. Agg-Sandstone F. Agg-Sandstone	1452388 1452389

Aggregate from the above named company and producing site(s) have been sampled and tested in compliance with the 2002 Construction Manual. Said tests have been evaluated with respect to the Standard Specifications 2010 and the sources are identified as supplying materials which have been found to meet the requirements of said specs, exceptions noted above. Additional sources and/or types of material will be sampled and tested as outlined above and corresponding evaluations will be supplied as an addendum to this report. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

Note 1:

Sources sampled and tested this quarter and assigned new report numbers.

Note 2:

Because of the additional qualifications required for Item 402, Hot-Mix Asphalt Skid Resistant Pavement, this list of sources and the corresponding report numbers may not be used for approval of any quantities of said item unless otherwise noted. Notification of acceptable and potential skid resistant aggregate sources and means of evaluation are contained in the "List of Potential Skid Resistant Sources and Ratings".

LIST OF POTENTIAL SKID RESISTANT SOURCES AND RATING

The following aggregate sources have demonstrated skid resistant potential and may be considered for use in Item 402; Hot Mix Asphalt Skid Resistant Pavement. There may be inadvertent omissions from this list which would include sources unknown to the Division at the time this list was compiled. Failure to appear on this list does not necessarily preclude the use of such material providing acceptance of that material, through appropriate testing, is documented by the Division. Final acceptance will be based on test results derived prior to use and applicable to Section 402.2. Each source has been rated in accordance with the sampling and acceptance procedures applicable to that source. The different ratings for said procedures were derived dependent upon accumulated data and/or conditions existing within the quarry (production processes). To determine acceptance procedures and testing necessary for approval of a particular source, compare the applicable rating with the rating description included herewith. All sampling, testing, and documentation will be in accordance with Division policy. This list will be issued periodically as additions and/or rating changes occur.

<u>SOURCE CODE</u>	<u>COMPANY & MATERIAL</u>	<u>PRODUCTION SITE</u>	<u>SOURCE RATING</u>
BAC1.01.704	Appalachian Aggregates (Sandstone)	Beckley, WV	A-1
BAC1.04.704	Boxley Aggregates (Granite)	Martinsville, VA	A-1
LSC1.01.704	Luck Stone Co. (Goose Creek Plant) (Diabase)	Leesburg, VA	A-1
LSC1.02.704	Luck Stone Co. (Leesburg Plant) (Diabase)	Leesburg, VA	A-1
MSC1.01.704	Mountain Slag (Slag)	Greenup, KY	A-1
SSC1.01.704	Salem Stone (Quartzite)	Sylvatus, VA	A-1

A-1 RATING

The source is listed on the Division's "List of Commercial Sources". Material from this source may be used without further quality testing. Coverage for the use of this source material need only reference source report number documented on the Division's "List of Commercial Sources".

List of Commercial Sources
Effective January 31, 2018
Page 9

HAC1.02.704	Hanson Aggregates (Gravel)	New Kensington, PA	A-2
JIC1.01.704	Jaymar, Inc. (Gravel)	Reedsville, OH	A-2
MMA1.04.704	Martin Marietta Aggregates (Gravel)	Apple Grove, OH	A-2
MMC1.02.704	Mountain Materials (Dolomite)	Carter City, KY	A-2
MCS2.02.704	Mulzer Stone (Dolomite)	Charlestown, IN	A-2
PSG1.01.704	Piketon Sand & Gravel (Gravel)	Piketon, OH	A-2
PRS1.01.704	Hanson Aggregates (Plum Run) (Dolomite)	Peebles, OH	A-2
SMC1.02.704	Shelly Materials (Willow Island/Reno) (Gravel)	Marietta, OH	A-2
SSG1.01.704	Stocker Sand & Gravel (Gravel)	Gnadenhutten, OH	A-2

A-2 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, needs further testing, i.e., carbonate or elemental magnesium content. Coverage for the quality (LA, soundness, deleterious) of the source material may reference source report number documented on the Division's "List of Commercial Sources". Coverage for carbonate or elemental magnesium content must reference the carbonate or elemental magnesium report number. Sampling for the above tests will be performed by District personnel before utilization and at a subsequent frequency of one sample per 10,000 tons utilized.

List of Commercial Sources
Effective January 31, 2018
Page 10

JFA2.02.704	Allen, J. F. (Limestone)	Elkins, WV	A-3
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry) (Limestone)	Elkins, WV	A-3
BSC2.01.704	Greer Industries (Buckeye Stone) (Limestone)	Blaney Hollow, WV	A-3
LAC1.01.704	Laural Aggregates (Lake Lynn Quarry) (Limestone)	Lake Lynn, PA	A-3
SWV1.01.704	Southern West Virginia Asphalt (Kelly Mountain) (Limestone)	Elkins, WV	A-3
CSS1.01.704	Cool Springs Stone Supply (Limestone)	Hopwood, PA	A-3
KLC1.01.709	Keystone Lime (Red) (Limestone)	Springs, PA	A-3

A-3 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, must be sampled and approved per stockpile. Coverage for quality (LA, soundness, deleterious) and other qualifying skid criteria, if applicable, shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (Materials Control, Soils and Testing Division) personnel.

List of Commercial Sources
Effective January 31, 2018
Page 11

LSC1.03.704	Lucks Stone Co. (Granite)	Charlottesville, VA	B-1
VMC1.01.704	Vulcan Materials (Sanders Quarry) (Dolomite)	Warrenton, VA	B-1

B-1 RATING

This source is not listed on the Division's "List of Commercial Sources". Acceptance of this material shall be by the "Local Source" system of approval. That is, this source will be sampled for quality (LA, soundness, deleterious) by District personnel utilizing a sampling frequency of one sample for each 6 days of production. Because of the nature of this material, and its relationship to total production, further qualifying skid criteria is not required.

List of Commercial Sources
Effective January 31, 2018
Page 12

GSG2.01.704	Georgetown Sand & Gravel (Gravel)	Georgetown, PA	B-2
KLC1.02.709	Keystone Lime (Gray) (Limestone)	Springs, PA	B-2
NES1.03.704	New Enterprise Stone (Limestone)	Bakersville, PA	B-2
NES1.02.704	New Enterprise Stone (Limestone)	Roaring Springs, PA	B-2
SSC2.01.704	Shelly and Sands (Gravel)	Richmondale, OH	B-2

B-2 RATING

The source is not listed on the Division's "List of Commercial Sources". Acceptance of this material will be per stockpile. Coverage for quality (LA, soundness, deleterious) and other applicable qualifying skid criteria shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (MCS&T Division) personnel.

LIST OF LIGHTWEIGHT FINE AGGREGATE FOR CONCRETE CONSTRUCTION

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1452100
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1452086
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1452099

Lightweight Fine Aggregate (LFA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the Special Provisions, Section 601, Structural Concrete Internal Curing. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

LIST OF LIGHTWEIGHT COARSE AGGREGATE FOR CONCRETE CONSTRUCTION

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1452101
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1452084
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1452098

Lightweight Coarse Aggregate (LCA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the West Virginia Division of Highways Standard Specifications 2010, Section 703.5 Structural Concrete. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

* Removed from list this quarter

** Added to list this quarter

*** Name change

***** Acceptable dolomite may be used alone or as a part of a coarse aggregate blend on roadways with a projected ESAL value of less than 3,000,000. On roadways with a projected ESAL value of 3,000,000 or greater, acceptable dolomite may be used only as a part of the coarse aggregate blend and shall not exceed 50% of that blend.

***** The Source Rating has been changed.