

LIST OF COMMERCIAL SOURCES**EFFECTIVE: October 31, 2019****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	1453269 1453270
AIC1.02.704	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1453747
AIC1.03.704	Aggregate Industries (Dolomite)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1453746 1453745
AAC1.02.704	Allegany Aggregates	Flintstone, MD	C. Agg-Limestone F. Agg- Limestone	1453804 1453803
AAC1.01.704	Allegany Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1453873 Note 1 1453874 Note 1
JFA2.02.704	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1453595 1453596
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1453593 1453594
BSG1.01.704	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1453908 Note 1 1453909 Note 1
LCC1.02.704	Martin Marietta***	Warfordsburg, PA	C. Agg-Limestone F. Agg-Limestone	1453802 1453801
BAC1.02.704	Appalachian Agg. of WV	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1453583 1453584
BAC1.03.704	Appalachian Agg. of WV	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1453587 1453588
BCS1.01.704	Brushey Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1453273 1453274
BSC2.01.704	Greer Industries	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1453671 1453672
CLC1.03.704	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1453307 1453308

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<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	1453826 Note 1 1453827 Note 1
CLC1.02.704	Carmeuse Lime	Strasburg, VA	C. Agg-Limestone F. Agg-Limestone	1453828 Note 1 1453829 Note 1
CSS1.01.704	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone F. Agg-Limestone	1453668 1453669
CSI2.01.704	Cranesville Stone	Cranesville, WV	C. Agg-Limestone F. Agg-Limestone	1453800 1453799
DEC1.01.704	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1453688 1453689
FMC1.01.704	Fairfax Materials	Arthur, WV	C. Agg-Limestone F. Agg-Limestone	1453877 Note 1 1453878 Note 1
FMC1.02.704	Fairfax Materials	Scherr, WV	C. Agg-Limestone F. Agg-Limestone	1453875 Note 1 1453876 Note 1
FMC1.03.704	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1453679
GIC1.02.704	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1453675 1453676
GIC1.03.704	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1453673 1453674
GIC1.04.704	Greer Industries (Cheat River)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1453677 1453678
GIC1.01.704	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone F. Agg-Limestone	1453879 Note 1 1453880 Note 1
HMC1.01.703	Haydon Materials	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1453931 Note 1 1453932 Note 1
HBB1.01.704	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1453933 Note 1 1453934 Note 1

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
HBR1.01.704	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel F. Agg-Silica Sand	1453935 Note 1 1453936 Note 1
IQC1.01.704	Inwood Quarry	Inwood, WV	C. Agg-Limestone F. Agg-Limestone	1453830 Note 1 1453831 Note 1
JIC1.01.704	Jaymar, Inc.	Reedsville, OH	C. Agg-Gravel F. Agg-Silica Sand	1453309 1453310
KLC1.02.709	Keystone Lime	Springs, PA	C. Agg-Limestone F. Agg-Limestone	1453798 1453797
LLL1.01.704	Latham Stone	Latham, OH	C. Agg-Limestone F. Agg-Limestone	1453312 1453311
LAC1.01.704	Laural Aggregates	Lake Lynn, PA	C. Agg-Limestone	1453670
LSG1.01.704	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1453313 1453314
LSC1.01.704	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	C. Agg-Diabase	1453749
LSC1.02.704	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1453744
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1453315 1453316
MMA1.05.704	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1453743 1453742
MMA1.02.704	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1453910 Note 1 1453911 Note 1
MMA1.03.704	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1453741 1453740
MMA1.06.704	LaFarge (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1900202 Note 1 1900454 Note 1
MMC2.01.704	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1453796

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<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	1453589
			F. Agg-Limestone	1453590
MCS1.01.704	Appalachian Aggregates	Princeton, WV	C. Agg-Limestone	1453686
			F. Agg-Limestone	1453687
MSG1.01.704	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel	1453912 Note 1
			F. Agg-Silica Sand	1453913 Note 1
MAC1.01.704	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone	1453265
			F. Agg-Limestone	1453266
MAC1.02.704	Mountain Aggregates	Jenkins, KY	C. Agg-Limestone	1453267
			F. Agg-Limestone	1453268
MMC1.02.704	Mountain Materials	Carter City, KY	C. Agg-Limestone	1453271
			F. Agg-Limestone	1453272
MMC1.01.704	Mountain Materials (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone	1452809
			F. Agg-Limestone	1452694
MSC1.01.704	Mountain Slag*	Greenup, KY	F. Agg-Slag	
MCS2.01.704	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone	1453939 Note 1
			F. Agg-Limestone	1453940 Note 1
MCS2.02.704	Mulzer Stone (Dolomite)	Charlestown, IN	C. Agg-Limestone	1453941 Note 1
			F. Agg-Limestone	1453942 Note 1
MCS2.03.704	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone	1453937 Note 1
			F. Agg-Limestone	1453938 Note 1
RAC1.01.704	Rockydale Aggregates	Broadway, VA	C. Agg-Limestone	1453832 Note 1
			F. Agg-Limestone	1453833 Note 1
RAC1.02.704	Rockydale Aggregates	Timberville, VA	C. Agg-Limestone	1453839 Note 1
			F. Agg-Limestone	1453834 Note 1
NLS1.01.704	National Lime and Stone	Carey, OH	C. Agg-Limestone	1453358
			F. Agg-Limestone	1453359

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<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	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1453806 1453805
NSG1.01.704	Nugent Sand & Gravel	Milton, KY	C. Agg-Gravel F. Agg-Silica Sand	1453943 Note 1 1453944 Note 1
PSG1.01.704	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel F. Agg-Silica Sand	1453319 1453320
PRS1.01.704	Hanson Aggregates (Plum Run Stone)	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1453321 1453322
PMQ1.02.704	Appalachian Aggregates	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1453684 1453685
PMQ1.01.704	Appalachian Aggregates	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1453682 1453683
PMQ1.03.704	Rocky Gap Quarry	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1453699 1453698
RBS1.01.704	RBS Quarry	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1453585 1453586
RFS1.01.702	Rappahannock Farms	King George, VA	F. Agg.-Silica Sand	1453739
RSC1.01.704	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone F. Agg-Limestone	1453945 Note 1 1453946 Note 1
SSC1.01.704	Salem Stone (Quartzite)	Sylvatus, VA	C. Agg-Quartzite F. Agg-Quartzite	1453700 1453701
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1453323 1453324
SMC1.01.704	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1453361 1453360
SCS1.01.704	South Central Sand and Gravel	Piketon, OH	F. Agg-Silica Sand	1453325

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
SWV1.01.704	Southern West Virginia Asphalt	Elkins, WV	C. Agg-Limestone	1453591
			F. Agg-Limestone	1453592
SSG1.01.704	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel	1453914 Note 1
			F. Agg-Silica Sand	1453915 Note 1
SMP2.01.704	Stuart M. Perry	Winchester, VA	C. Agg-Limestone	1453837 Note 1
			F. Agg-Limestone	1453838 Note 1
SMP2.02.704	Stuart M. Perry	Berryville, VA	C. Agg-Limestone	1453835 Note 1
			F. Agg-Limestone	1453836 Note 1
SMC2.01.704	Subtropolis Mining* Company	Petersburg, OH	C. Agg-Limestone F. Agg-Limestone	
VQC1.01.704	New Enterprise Stone	Chambersburg, PA	C. Agg-Limestone	1453810
			F. Agg-Limestone	1453807
VQC1.02.704	New Enterprise Stone	Gettysburg, PA	C. Agg-Dolomite	1453809
			F. Agg-Dolomite	1453808
WCC1.01.704	Melvin Stone*	Oak Hill, OH	F. Agg-Limestone	
VMC1.01.704	Vulcan Materials	Warrenton, VA	C. Agg- Basalt	1453738
			F. Agg- Basalt	1453737
WSC1.01.704	Wythe Stone	Wytheville, VA	C. Agg-Limestone	1453703
			F. Agg-Limestone	1453702
			F. Agg-Silica Sand (Manufactured)	1453782

- * 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	1453690 1453691

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 2017 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. (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
VQC1.02.704	New Enterprise Stone (Basalt)	Gettysburg, PA	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".

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AAC1.03.704	Aggregate Industries (Dolomite)	Millville, WV	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.

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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 (Limestone)	Lake Lynn, PA	A-3
SWV1.01.704	Southern West Virginia Asphalt (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.

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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.

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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>
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1453954
KSC1.01.703	Arcosa	Brooks, KY	Solite ¹ (Expanded Shale)	1453884

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>
SLA1.01.703	Stalite	Gold Hill, NC	Stalite ¹ (Expanded Slate)	1453889
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1453957
KSC1.01.703	Arcosa	Brooks, KY	Solite ¹ (Expanded Shale)	1453883

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.

Note 1: Sources sampled and tested this quarter and assigned new report numbers.

- * 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.