LIST OF COMMERCIAL SOURCES

EFFECTIVE: May 19, 2023

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.

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|----------------|------------------------------------|--------------------|---------------------------------------|----------------------------------|---------------------------|
| AAQ1.01.704 | AA Quarry | Grayson, KY | C. Agg-Limestone F. Agg-Limestone | 2201374 2201376 | R1 R1 |
| GAI1.01.704 | Ace Aggregates | Philippi, WV | C. Agg-Limestone F. Agg-Limestone | 2200892 2200598 | R1 R1 |
| AIC1.03.704 | Aggregate Industries (Dolomite) | Millville, WV | C. Agg-Limestone F. Agg-Limestone | 2200634 2200632 | R0 R0 |
| AAC1.02.704 | Allegany Aggregates | Flintstone, MD | C. Agg-Limestone F. Agg- Limestone | 2200928 2200929 | R1 R1 |
| AAC1.01.704 | Allegany Aggregates | Short Gap, WV | C. Agg-Limestone F. Agg-Limestone | 2200631 2200635 | R0 R0 |
| JFA2.02.704 | Allen, J. F. | Elkins, WV | C. Agg-Limestone F. Agg-Limestone | 2301003 Note 1 2301002 Note 1 | R1 R1 |
| JFA2.01.704 | Allen, J. F. (Mashey Gap Quarry | Elkins, WV | C. Agg-Limestone F. Agg-Limestone | 2300999 Note 1 2301000 Note 1 | R1 R1 |
| BSG1.01.704 | Belpre Sand & Gravel | Little Hocking, OH | C. Agg- Gravel F. Agg-Silica Sand | 2201905 2201904 | R1 R1 |
| BIZC.01.704 | Bizzack Corporation | Castlewood, VA | C. Agg-Limestone F. Agg-Limestone | 2202275 2202275 | R2 R2 |

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT NUMBER | REACTIVITY CLASS (Note 3) |
|----------------|------------------------------|-------------------|--|----------------------------------|---------------------------|
| BVR1.01.704 | Buffalo Valley Resources | Grayson, KY | C. Agg- Limestone F. Agg- Limestone | 2201379 2201378 | R1 R1 |
| LCC1.02.704 | Martin Marietta | Warfordsburg, PA | C. Agg-Limestone F. Agg-Limestone | 2200926 2200927 | R3 R3 |
| BAC1.02.704 | Appalachian Agg. of WV | Lewisburg, WV | C. Agg-Limestone F. Agg-Limestone | 2300728 Note 1 2300729 Note 1 | R1 R1 |
| BAC1.03.704 | Appalachian Agg. of WV | Mill Point, WV | C. Agg-Limestone F. Agg-Limestone | 2300994 Note 1 2300995 Note 1 | R1 R1 |
| BCS1.01.704 | Mountain Materials | Olive Hill, KY | C. Agg-Limestone F. Agg-Limestone | 2202272 2202271 | R1 R1 |
| BSC2.01.704 | Greer Industries | Blaney Hollow, WV | C. Agg-Limestone F. Agg-Limestone | 2200599 2200600 | R1 R1 |
| CLC1.03.704 | Carmeuse Lime | Maysville, KY | C. Agg-Limestone F. Agg-Limestone | 2300704 Note 1 2300705 Note 1 | R0 R0 |
| CLC1.01.704 | Carmeuse Lime | Clearbrook, VA | C. Agg-Limestone F. Agg-Limestone | 2200639 2200638 | R1 R1 |
| CLC1.02.704 | Carmeuse Lime | Strasburg, VA | C. Agg-Limestone F. Agg-Limestone | 2200622 2200627 | R2 R2 |
| CSS1.01.704 | Cool Springs Stone Supply | Hopwood, PA | C. Agg-Limestone F. Agg- Limestone | 2200601 2200602 | R1 R1 |

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|----------------|-------------------------------------|------------------|--------------------------------------|-------------------------|---------------------------|
| CSI2.01.704 | Cranesville Stone | Cranesville, WV | C. Agg-Limestone F. Agg-Limestone | 2200603 2200604 | R1 R1 |
| DEC1.01.704 | Dillon, E. & Co. | Swords Creek, VA | C. Agg-Limestone F. Agg-Limestone | 2200222 2200223 | R0 R0 |
| ERA1.01.704 | East River Aggregates | Princeton, WV | C. Agg-Limestone F. Agg-Limestone | 2201382 2200223 | R1 R1 |
| FMC1.01.704 | Fairfax Materials | Arthur, WV | C. Agg-Limestone F. Agg-Limestone | 2200245 2200244 | R0 R0 |
| FMC1.02.704 | Fairfax Materials | Scherr, WV | C. Agg-Limestone F. Agg-Limestone | 2200246 2200243 | R0 R0 |
| FMC1.03.704 | Fairfax Materials | Thomas, WV | F. Agg-Silica (Man) | 2200642 | R1 |
| GIC1.02.704 | Greer Industries | Greer, WV | C. Agg-Limestone F. Agg-Limestone | 2200605 2200606 | R2 R2 |
| GIC1.03.704 | Greer Industries (Deckers Creek) | Greer, WV | C. Agg-Limestone F. Agg-Limestone | 2200607 2200608 | R1 R1 |
| GIC1.01.704 | Greer Lime (Germany Valley) | Riverton, WV | C. Agg-Limestone F. Agg-Limestone | 2200640 2200641 | R0 R0 |
| HMC1.01.703 | Haydon Materials | Battletown, KY | C. Agg-Limestone F. Agg-Limestone | 2202255 2202256 | R0 R0 |

| SOURCE CODE | <u>COMPANY</u> | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|--------------------|---|----------------------|---------------------------------------|----------------------------------|---------------------------|
| HBB1.01.704 (Bi | Hilltop ig Bend Quarry) | Battletown, KY | C. Agg-Limestone F. Agg-Limestone | 2202257 2202258 | R0 R0 |
| HBR1.01.704 | Hilltop Basic Resources | Patriot, IN | C. Agg-Gravel F. Agg-Silica Sand | 2300708 Note 1 2300709 Note 1 | R1 R1 |
| IQC1.01.704 | Inwood Quarry | Inwood, WV | C. Agg-Limestone F. Agg-Limestone | 2200624 2200620 | R1 R1 |
| JIC1.01.704 | Jaymar, Inc. | Reedsville, OH | C. Agg-Gravel F. Agg-Silica Sand | 2201899 2201900 | R1 R1 |
| KLC1.02.709 | Keystone Lime | Springs, PA | C.Agg-Limestone F. Agg-Limestone | 2200613 2200614 | R2 R2 |
| LLL1.01.704 | Latham Stone | Latham, OH | C. Agg-Limestone F. Agg-Limestone | 2202262 2202263 | R0 R0 |
| LAC1.01.704 | Laural Aggregates | Lake Lynn, PA | C. Agg-Limestone F. Agg -Limestone | 2200611 2200612 | R1 R1 |
| LSG1.01.704 | Letart Sand & Gravel | Gallipolis Ferry, WV | C. Agg-Gravel F. Agg-Silica Sand | 2202269 2202270 | R1 R1 |
| LSC1.01.704 | Lucks Stone Co. (Goose Creek Plant) | Leesburg, VA | C. Agg-Diabase | 2200630 | R0 |
| LSC1.02.704 | Lucks Stone Co. (Leesburg Plant) | Leesburg, VA | C. Agg-Diabase | 2200633 | R0 |

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|----------------|--------------------------------------|------------------|---------------------------------------|----------------------------------|---------------------------|
| LSC1.04.704 | Luck Stone Co. | Ruckersville, VA | C. Agg- Granite F. Agg Granite | 2200913 2200914 | R0 R0 |
| MMA1.04.704 | Martin Marietta Aggregates | Apple Grove, OH | C. Agg-Gravel F. Agg-Silica Sand | 2201895 2201896 | R0 R0 |
| MMA1.05.704 | Martin Marietta Aggregates | Boonesboro, MD | C. Agg-Limestone F. Agg-Limestone | 2200636 2200637 | R0 R0 |
| MMA1.13.704 | Martin Marietta Aggregates | Petersburg, KY | C. Agg- Gravel F. Agg- Silica Sand | 2300706 Note 1 2300707 Note 1 | R1 R1 |
| MMA1.02.704 | Martin Marietta (Burning Springs) | Petroleum, WV | C. Agg-Limestone F. Agg-Limestone | 2201879 2201880 | R0 R0 |
| MMA1.03.704 | Martin Marietta Aggregates | Pinesburg, MD | C. Agg-Limestone F. Agg-Limestone | 2200621 2200623 | R0 R0 |
| MMC2.01.704 | Maryland Minerals | Accident, MD | F. Agg-Silica Sand Manufactured | 2200643 | R0 |
| MSP1.01.704 | Meadows Stone & Paving | Monterville, WV | C. Agg-Limestone F. Agg-Limestone | 2300996 Note 1 2300997 Note 1 | R1 R1 |
| MCS1.01.704 | Appalachian Aggregates | Princeton, WV | C. Agg-Limestone F. Agg-Limestone | 2200220 2200221 | R0 R2 |
| MSG1.01.704 | Midvale Sand & Gravel | Midvale, OH | C. Agg-Gravel F. Agg-Silica Sand | 2201875 2201876 | R1 R1 |

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|----------------|---------------------------|---------------------|---------------------|-------------------------|---------------------------|
| MAC1.01.704 | Mountain | Elkhorn City, KY | C. Agg-Limestone | 2101393 | R1 |
| | Aggregates | | F. Agg-Limestone | 2101394 | R1 |
| MAC1.02.704 | Mountain | Jenkins, KY | C. Agg-Limestone | 2202273 | R1 |
| | Aggregates | | F. Agg-Limestone | 2202274 | R1 |
| MMC1.01.704 | Mountain Materials | Olive Hill, KY | C. Agg-Limestone | 2202272 | R0 |
| | (Valley Quarry) | | F. Agg-Limestone | 2202271 | R0 |
| MCS2.01.704 | Mulzer Stone | Cape Sandy, IN | C. Agg-Limestone | 2202251 | R0 |
| | | 1 | F. Agg-Limestone | 2202252 | R0 |
| MCS2.02.704 | Mulzer Stone | Charlestown, IN | C. Agg-Limestone | 2202249 | R1 |
| | (Dolomite) | , | F. Agg-Limestone | 2202250 | R1 |
| MCS2.03.704 | Mulzer Stone | New Amsterdam, IN | C. Agg-Limestone | 2202253 | R2 |
| | | , | F. Agg-Limestone | 2202254 | R2 |
| NLS1.01.704 | National Lime | Carey, OH | C. Agg-Limestone | 2202482 | R0 |
| | and Stone | • , | F. Agg-Limestone | 2202481 | R0 |
| NES1.01.704 | New Enterprise | Everett, PA | C. Agg-Limestone | 2200919 | R1 |
| | Stone | | F. Agg-Limestone | 2200920 | R1 |
| NES1.05.704 | New Enterprise | Fayetteville, PA | F. Agg- Silica Sand | 2200925 | R1 |
| NES1.02.704 | New Enterprise | Roaring Springs, PA | C. Agg- Limestone | 2201365 | R1 |
| | 1 | 0 i 0 / | F. Agg- Limestone | 2201366 | R1 |

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|----------------|---------------------------------------|-------------------|--------------------------------------|----------------------------------|---------------------------|
| NSG1.01.704 | Nugent Sand & Gravel | Milton, KY | C. Agg-Gravel F. Agg-Silica Sand | 2202247 2202248 | R0 R0 |
| PSG1.01.704 | Piketon Sand & Gravel | Piketon, OH | C. Agg-Gravel F. Agg-Silica Sand | 2202266 2202267 | R1 R1 |
| PRS1.01.704 | Hanson Aggregates (Plum Run Stone) | Peebles, OH | C. Agg-Limestone F. Agg-Limestone | 2202264 2202265 | R0 R0 |
| PMQ1.02.704 | Appalachian Aggregates | Pounding Mill, VA | C. Agg-Limestone F. Agg-Limestone | 2200234 2200235 | R1 R1 |
| PMQ1.01.704 | Appalachian Aggregates | Bluefield, VA | C. Agg-Limestone F. Agg-Limestone | 2200224 2200225 | R0 R0 |
| PMQ1.03.704 | Rocky Gap Quarry | Rocky Gap, VA | C. Agg-Limestone F. Agg-Limestone | 2200216 2200217 | R1 R1 |
| RBS1.01.704 | RBS Quarry | Lewisburg, WV | C. Agg-Limestone F. Agg-Limestone | 2300730 Note 1 2300731 Note 1 | R1 R1 |
| RFS1.01.702 | Aggregate Industries | s King George, VA | F. AggSilica Sand | 2200916 | R1 |
| RSC1.01.704 | Yager Materials | Wolf Creek, KY | C. Agg-Limestone F. Agg-Limestone | 2202259 2202259 | R0 R0 |
| SSC1.01.704 | Salem Stone (Quartzite) | Sylvatus, VA | C. Agg-Quartzite F. Agg-Quartzite | 2200212 2200213 | R1 R1 |

| SOURCE CODE | <u>COMPANY</u> | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> | REACTIVITY CLASS (Note 3) |
|----------------|--|----------------------|--|----------------------------------|---------------------------|
| SMC1.02.704 | Shelly Materials (Willow Island/Ren | Marietta, OH o) | C. Agg-Gravel F. Agg-Silica Sand | 2201901 2201902 | R0 R1 |
| SMC1.01.704 | Shelly Materials (Portland Plant) | Portland, OH | C. Agg-Gravel F. Agg-Silica Sand | 2201897 2201898 | R1 R0 |
| SCS1.01.704 | South Central Sand and Gravel | Piketon, OH | F. Agg-Silica Sand | 2202268 | R1 |
| SGI1.01.703 | Specialty Granules | Blueridge Summit, PA | C. Agg-Phylite | 2202486 | R2 |
| SWV1.01.704 | Appalachian Aggregates | Elkins, WV | C. Agg-Limestone F. Agg-Limestone | 2301001 Note 1 2301004 Note 1 | R1 R1 |
| SSG1.01.704 | Stocker Sand & Gravel | Gnadenhutten, OH | C. Agg-Gravel F. Agg-Silica Sand | 2201877 2201878 | R1 R1 |
| SMP2.01.704 | Stuart M. Perry | Winchester, VA | C. Agg-Limestone F. Agg-Limestone | 2200626 2200625 | R1 R1 |
| SMP2.02.704 | Stuart M. Perry | Berryville, VA | C. Agg-Limestone F. Agg-Limestone | 2200628 2200629 | R0 R0 |
| SMC2.01.704 | Subtropolis Mining | Petersburg, OH | C. Agg- Limestone F. Agg- Limestone | 2202477 2202476 | R1 R1 |
| VQC1.01.704 | New Enterprise Stone | Chambersburg, PA | C. Agg-Limestone F. Agg-Limestone | 2200922 2200921 | R1 R1 |

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT NUMBER | REACTIVITY CLASS (Note 3) |
|----------------|-------------------------|----------------|------------------------------------|--------------------|---------------------------|
| VQC1.02.704 | New Enterprise Stone | Gettysburg, PA | C. Agg-Dolomite F. Agg-Dolomite | 2200923 2200924 | R1 R1 |
| VMC1.01.704 | Vulcan Materials | Warrenton, VA | C. Agg- Basalt F. Agg- Basalt | 2200911 2200912 | R1 R1 |
| WSC1.01.704 | Wythe Stone | Wytheville, VA | C. Agg-Limestone F. Agg-Silica | 2200214 2200215 | R1 R0 |

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

| SOURCE CODE | COMPANY | PRODUCING SITE | TYPE MATERIAL | REPORT NUMBER | REACTIVITY CLASS (Note 3) |
|----------------|---------------------------|----------------|--------------------------------------|--------------------|---------------------------|
| BAC1.01.704 | Appalachian Aggregates | Beckley, WV | C. Agg-Sandstone F. Agg-Sandstone | 2200236 2200237 | R1 R2 |

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.

- * Removed from list this quarter
- ** Added to list this quarter
- *** Name change
- **** Location change

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".

Note 3:

Alkali-Silica Reaction (ASR): The reaction between the alkalis (sodium and potassium) present in the concrete pore solution and certain siliceous rocks or minerals, such as opaline chert, strained quartz, and acidic volcanic glass, present in significant quantities in some aggregates. The production of the reaction may cause deleterious expansion and cracking of concrete.

According to AASHTO R 80 (Standard Practice for Determining the Reactivity of Concrete Aggregates and Selecting Appropriate Measures for Preventing Deleterious Expansion in New Concrete Construction), the reactivity classes of aggregates were determined after testing of aggregates according to AASHTO T 303 (Standard Method of Test for Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silica Reaction) by this division. Testing shall be performed once every 3 years. If one or both of the aggregates (coarse or fine) used in a mix is reactive (any reactivity class other than R0), mitigation is required as specified in Section 601.3.1. This requirement applies to all concrete used in paving or permanent structures on DOH project.

RX denotes a new quarry whose material has not been tested for ASR. New ASR testing results will be posted as they are received.

Classification of Aggregate Reactivity

| Aggregate-Reactivity Class | Description of Aggregate Reactivity | 14-Day Expansion when tested in accordance with AASHTO T 303, % |
|-------------------------------|-------------------------------------|---|
| R0 | Non-Reactive | ≤0.10 |
| R1 | Moderately Reactive | >0.10 to ≤0.30 |
| R2 | Highly Reactive | >0.30 to ≤0.45 |
| R3 | Very Highly Reactive | >0.45 |

Should you have any questions or request additional information about ASR Specification, please feel free to contact Mr. Suman Thapa at 304-414-6662 or at Suman.Thapa@WV.Gov.

XX: These newly added Sources samples have not yet been evaluated for Alkali-Silica Reaction and will be updated as available. Contact dohconcretemixdesign@wv.gov prior to use in the Concrete Mix.

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.

A-1 RATING

| SOURCE CODE | COMPANY & <u>MATERIAL</u> | PRODUCTION SITE | SOURCE RATING |
|----------------|------------------------------------|------------------|---------------|
| 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 |
|-------------|---|----------------------|-----|
| SGI1.01.704 | Specialty Granules (Phylite) | Blueridge Summit, PA | 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".

A-2 RATING

| 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) | Marietta, OH | A-2 |

(Gravel)

SSG1.01.704 Stocker Sand & 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.

A-3 RATING

| 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.

B-1 RATING

LSC1.03.704 Lucks Stone Co. (Granite)

VMC1.01.704 Vulcan Materials (Sanders Quarry) (Dolomite)

Charlottesville, 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.

B-2 RATING

| 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 COARSE AGGREGATE FOR CONCRETE CONSTRUCTION

| SOURCE CODE | <u>COMPANY</u> | PRODUCING SITE | TYPE MATERIAL | REPORT <u>NUMBER</u> |
|----------------|----------------|----------------|--|-------------------------|
| SLA1.01.703 | Stalite | Gold Hill, NC | Stalite ¹ (Expanded Slate) | 2201908 |
| KSC1.01.703 | Arcosa | Brooks, KY | Solite ¹ (Expanded Shale) | 2202261 |

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.