

LIST OF COMMERCIAL SOURCES**EFFECTIVE: July 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 1452687
AIC1.02.704	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1453082 Note 1
AIC1.03.704	Aggregate Industries (Dolomite)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1453084 Note 1 1453083 Note 1
AAC1.02.704	Allegany Aggregates	Flintstone, MD	C. Agg-Limestone F. Agg-Limestone	1453122 Note 1 1453123 Note 1
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	1452931 1452932
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452919 1452920
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	1453118 Note 1 1453119 Note 1
BAC1.02.704	Appalachian Agg. of WV	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1452929 1452930
BAC1.03.704	Appalachian Agg. of WV	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1452927 1452928
BCS1.01.704	Brushy Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1452688 1452689
BSC2.01.704	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1453053 Note 1 1453054 Note 1
CLC1.03.704	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1452726 1452725

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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	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	1453049 Note 1 1453050 Note 1
CSI2.01.704	Cranesville Stone	Cranesville, WV	C. Agg-Limestone F. Agg-Limestone	1453127 Note 1 1453128 Note 1
DEC1.01.704	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1452977 Note 1 1452978 Note 1
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	1453055 Note 1
GIC1.02.704	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1453056 Note 1 1453057 Note 1
GIC1.03.704	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1453060 Note 1 1453061 Note 1
GIC1.04.704	Greer Industries (Cheat River)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1453058 Note 1 1453059 Note 1
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	1453046 Note 1
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

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<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 1452742
KLC1.02.709	Keystone Lime	Springs, PA	C. Agg-Limestone F. Agg-Limestone	1453124 Note 1 1453125 Note 1
LLL1.01.704	Latham Stone	Latham, OH	C. Agg-Limestone F. Agg-Limestone	1452733 1452734
LAC1.01.704	Laural Aggregates	Lake Lynn, PA	C. Agg-Limestone	1453051 Note 1
LSG1.01.704	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1452727 1452728
LSC1.01.704	Lucks Stone Co.	Leesburg, VA (Goose Creek Plant)	C. Agg-Diabase	1453080 Note 1
LSC1.02.704	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1453079 Note 1
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1452737 1452738
MMA1.05.704	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1453078 Note 1 1453077 Note 1
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	1453070 Note 1 1453069 Note 1
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	1453126 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>
**MSP1.01.704	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone F. Agg-Limestone	1453042 Note 1 1452922 Note 1
MCS1.01.704	Mercer Crushed Stone	Princeton, WV	C. Agg-Limestone F. Agg-Limestone	1452979 Note 1 1452980 Note 1
MSG1.01.704	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel F. Agg-Silica Sand	1452644 1452645
MAC1.01.704	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone F. Agg-Limestone	1452690 1452691
MAC1.02.704	Mountain Aggregates	Jenkins, KY	C. Agg-Limestone F. Agg-Limestone	1452692 1452697
MMC1.02.704	Mountain Materials	Carter City, KY	C. Agg-Limestone F. Agg-Limestone	1450410 1450409
MMC1.01.704	Mountain Mat. (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1452809 1452694
MSC1.01.704	Mountain Slag	Greenup, KY	C. Agg-Slag F. Agg-Slag	1452695 1452696
MCS2.01.704	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone F. Agg-Limestone	1452625 1452626
MCS2.02.704	Mulzer Stone (Dolomite)	Charlestown, IN	C. Agg-Limestone F. Agg-Limestone	1452627 1452628
MCS2.03.704	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone F. Agg-Limestone	1452623 1452624
RAC1.01.704	Rockydale Aggregates	Broadway, VA	C. Agg-Limestone F. Agg-Limestone	1452532 1452531
RAC1.02.704	Rockydale Aggregates	Timberville, VA	C. Agg-Limestone F. Agg-Limestone	1452534 1452533
NLS1.01.704	National Lime and Stone	Carey, OH	C. Agg-Limestone F. Agg-Limestone	1452663 1452664

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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 (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1453120 Note 1 1453121 Note 1
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 1452731
PRS1.01.704	Hanson Aggregates (Plum Run Stone)	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1452735 1452736
PMQ1.02.704	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1452981 Note 1 1452982 Note 1
PMQ1.01.704	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1452983 Note 1 1452984 Note 1
PMQ1.03.704	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1452997 Note 1 1452998 Note 1
RBS1.01.704	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1452923 1452924
**RFS1.01.702	Rappahannock Farms	King George, VA	C. Agg.-Silica Sand	1453068 Note 1
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	1452999 Note 1 1453000 Note 1
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1452743 1452744
SMC1.01.704	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1452739 1452740
SCS1.01.704	South Central Sand and Gravel	Piketon, OH	F. Agg-Silica Sand	1452732
SWV1.01.704	Southern West Virginia Asphalt	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452925 1452926

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<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	New Enterprise Stone	Chambersburg, PA	C. Agg-Limestone	1453116 Note 1
			F. Agg-Limestone	1453117 Note 1
VQC1.02.704	New Enterprise Stone	Gettysburg, PA	C. Agg-Dolomite	1453114 Note 1
			F. Agg-Dolomite	1453115 Note 1
WCC1.01.704	Melvin Stone	Oak Hill, OH	F. Agg-Limestone	1452729
**VMC1.01.704	Vulcan Materials	Warrenton, VA	C. Agg- Basalt	1453066 Note 1
			F. Agg- Basalt	1453067 Note 1
WSC1.01.704	Wythe Stone	Wytheville, VA	C. Agg-Limestone	1453001 Note 1
			F. Agg-Limestone	1453002 Note 1
			F. Agg-Silica Sand	1453085 Note 1
			(Manufactured)	

* 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	1452975 Note 1 1452976 Note 1

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".

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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.

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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 (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.

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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>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1452786
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1452790
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1452785

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)	1452787
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1452789
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1452784

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.