

GENERAL AGGREGATE SOURCE INFORMATION

GENERAL

Only those sources which have been sampled or tested within the last ten years are listed. This listing additionally ranks sources in accordance with a frictional classification as defined herein for aggregates used in Hot Mix Asphalt (HMA) construction, durability class for coarse aggregates used in Portland Cement Concrete (PCC) construction, and Approved Fine Aggregate. Upon request, new sources or different combinations of beds within an existing source can be evaluated for classification. These rankings do not in any way waive the normal quality requirements for the particular types of aggregates indicated in contract documents.

Aggregate sources are continuously updated and the most current version of this IM can be found on the Materials Approved Product List Enterprise (MAPLE) website at <https://maple.iowadot.gov/>.

Products listed in this document may not always be available. Contact the supplier for availability.

PORTLAND CEMENT CONCRETE AGGREGATES

Aggregates shall be produced from sources approved in accordance with the requirements of Office of Materials IM 409. The engineer may approve scalping of some portion of the coarser fraction.

All aggregates produced and inspected for intended use in contracts under Iowa Department of Transportation Specifications shall be stored in identifiable stockpiles unless they are being delivered as produced.

DURABILITY CLASSIFICATION

The coarse aggregates have been divided into three classes in accordance with their durability level as determined by performance or laboratory testing.

Class 2 durability aggregates will produce no deterioration of pavements of the non-interstate segments of the road system after 15 years and only minimal deterioration in pavements after 20 years.

Class 3 durability aggregates will produce no deterioration of pavements of non-interstate segments of the road system after 20 years of age and less than 5% deterioration of the joints after 25 years.

Class 3i durability aggregates will produce no deterioration of the interstate road system after 30 years of service and less than 5% deterioration of the joints after 35 years.

NOTE: Those sources with a "B" in their durability class designation are approved for 1/2 in. Bridge Deck Overlay/Repair material.

HOT MIX ASPHALT AGGREGATES

Aggregates for HMA construction have been classified into five main functional types in accordance with their frictional characteristics. Those aggregates with the potential to develop the greatest amount of friction under traffic conditions are classified as Type 1 with the potential for friction decreasing as the type number increases. One or more friction types may be specified for use in pavement surface courses. If a type is not specified in the contract documents, Type 5 or better will be acceptable. Tentative bed limitations are shown in this publication.

The frictional classification types are listed and defined in order of descending quality as follows.

Type 1: Aggregates, which are generally, a heterogeneous combination of minerals with coarse-grained microstructure of very hard particles (generally, a Mohs hardness range of 7 to 9) bonded together by a slightly softer matrix. These aggregates are typified by those developed for and used by the grinding-wheel industry such as calcined bauxite (synthetic) and emery (natural). They are not available from Iowa sources. Due to their high cost, these aggregates would be specified only for use in extremely critical situations.

Type 2: Natural aggregates in this class are crushed quartzite and both fine and coarse-grained crushed igneous rocks. The mineral grains in these materials generally have a Mohs hardness range of 5 to 7. Synthetic aggregates in this class are some air-cooled steel furnace slags and others with similar characteristics. For asphalt mixtures, pipestone and sandstone in quartzite may not exceed 5 percent.

Type 3: Natural aggregates in this class are crushed gravels. The crushed gravels shall contain 40% or more igneous and metamorphic particles. Synthetic aggregates in this class are the expanded shales with a Los Angeles abrasion loss less than 35 percent.

Type 4: Aggregates crushed from dolomitic or limestone ledges in which 80 percent of the grains are 20 microns or larger. The mineral grains in the approved ledges for this classification generally have a Mohs hardness range of 3 to 4. For natural gravels, the Type 5 carbonate (see below) particles, as a fraction of the total material, shall not exceed the non-carbonate particles by more than 20 percent.

Type 5: Aggregates crushed from dolomitic or limestone ledges in which 20 percent or more of the grains are 30 microns or smaller.

REVTMENT CLASSIFICATIONS

Revetment or rip-rap is rock or other material used to armor bridge abutments, pilings, and rivers or shorelines against scour and water erosion. The Iowa DOT uses five Classes of Revetment based on the size of the aggregate. See the table below for nominal top size. The Engineer may approve revetment containing material larger than the nominal top size. For this product, individual beds are approved at each source based on quality and bed thickness.

Revetment Class	Nominal top size
Class A	400 pounds
Class B	650 pounds
Class C	450 pounds
Class D and Class E	250 pounds

SOURCE LISTING – Explanation

NOTE: - Number indicates additional source restrictions (see bottom of page)

Revetment class approval for size and quality of quarried stone used for river, lake bank, and water-way stabilization

Bed number shown for PCC aggregate are those on the formal source approval letter, Beds shown for HMA source are those which have prior approval for use and have the designated friction type. Beds are also indicated for revetment (rip rap) approvals.

Source restrictions for L2 Friction HMA surface mix designs. L=limestone (<15% MgO) and D=dolomite (≥15% MgO), defines rock type.

Frictional Classification – as indicated on page 2
Hot Mix Asphalt – Type A and B

Durability Class for Portland Cement Concrete Coarse Aggregate (“B” indicates acceptability for Bridge Deck Overlay/Repair)
Fine Aggregate (X=PCC and HMA Approval, H=HMA use only)

Source Code Number (A-number) used to identify sources.
Ex. A29002: 29=County, 0=crushed stone, 02= unique source identifier
Ex. A29502: 29=County, 5=sand & gravel, 02= unique source identifier
Out of State Sources: Ex. AMN004: MN=State, 0=crushed stone, 04= unique source identifier

Specific Gravity
DWU-Determine When Used by

CODE	OPERATOR		SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA A B	L2 ROCK TYPE	BEDS	REVETMENT CLASS	NOTES
29	DES MOINES	DIST 5	CRUSHED STONE								
A29002	L&W QUARRIES INC		MEDIAPOLIS	SE 01 T071N R04W	2.65	3	4 4 4 4 5 5	L L L	15 15-18 20 3-7	A B C D E A B C D E	1
			SAND AND GRAVEL								
A29052	CESSFORD CONST CO		SPRING GROVE	SW 36 T069 R04W	DWU 2.66	3 X	4 4				

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B				
1	ADAIR	DIST 4 CRUSHED STONE									
A01002	SCHILDBERG CONSTRUCTION CO	MENLO	NE 21 T77N R31W			5	5	L	15A-15C	A B C D E	
							4		14		
A01006	SCHILDBERG CONSTRUCTION CO	HOWE	SW 1 T76N R31W				5		25		
									25B-25E	D	
A01008	SCHILDBERG CONSTRUCTION CO	JEFFERSON	NE 17 T77N R31W				5		20		
							5		25		
									25B-25E	D	
2	ADAMS	DIST 4 CRUSHED STONE									
A02002	SCHILDBERG CONSTRUCTION CO	MT ETNA	SW 14 T73N R34W				4		11-13	D	
A02004	SCHILDBERG CONSTRUCTION CO	CORNING	NE 08 T71N R34W				4		3-5	D	
3	ALLAMAKEE	DIST 2 CRUSHED STONE									
A03002	BRUENING ROCK PRODUCTS INC	WEXFORD	NE 36 T98N R03W	2.70	3i	4	4	D	1C-6		
						4	4	D	1-8		
									1B-8	A B C D E	
A03004	BRUENING ROCK PRODUCTS INC	LANGE	E2 17 T96N R06W	2.60	3	4	4	L	2-5	A B C D E	
A03008	BRUENING ROCK PRODUCTS INC	MCCABE	NE 6 T97N R05W			4	4	L	1-5		
A03010	SKYLINE MATERIALS LTD	RUDE	SE 17 T100NR06W								
A03014	BRUENING ROCK PRODUCTS INC	HAMMEL-BOONIES	SW 2 T99N R06W	DWU	3i	4	4	D	2-4C	A B C D E	
A03022	SKYLINE MATERIALS LTD	LIVINGOOD	SW 7 T96N R06W			4	4	L	4-7		
							4		2-7		
A03026	BRUENING ROCK PRODUCTS INC	BYRNES	SE 25 T99N R06W								
A03028	BRUENING ROCK PRODUCTS INC	WELPER-JOHNSON	SW 35 T99N R04W						FULL FACE	A B C D E	
A03036	BRUENING ROCK PRODUCTS INC	SWENSON	SE 19 T96N R05W								
A03038	RIEHM CONSTRUCTION CO INC	RIEHM	SE 7 T100NR04W	DWU	3i	4	4	D	1-4	A B C D E	
A03040	BRUENING ROCK PRODUCTS INC	DEE	SE 21 T99N R04W	DWU	3i	4	4	D	5A-5D	A B C D E	
A03042	BARD MATERIALS	CHURCHTOWN	SW 29 T99N R04W				4		1-3		
							4	D	3		
A03046	BRUENING ROCK PRODUCTS INC	MOHS	SW 29 T96N R04W	DWU	2	5	5		1-2		
							5		1-4		
A03048	BRUENING ROCK PRODUCTS INC	POSTVILLE	SW 16 T96N R06W	2.61	3	4	4	L	6-8		
							4		2-5		
A03050	BRUENING ROCK PRODUCTS INC	GREEN	NW 16 T96N R06W	2.63	3	4	4	L	2-3A		
									1-3	A B C D E	
A03052	BRUENING ROCK PRODUCTS INC	ROSSVILLE	NE 35 T97N R05W			4	4	L	1-5	A B C D E	
A03054	BRUENING ROCK PRODUCTS INC	WEST RIDGE	NE 8 T98N R06W								
A03058	BRUENING ROCK PRODUCTS INC	ELON	SW 33 T98N R04W								
A03064	RAINBOW QUARRY LLC	RAINBOW	SE 26 T97N R05W						FULL FACE	D	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A	B			
3	ALLAMAKEE	DIST 2 CRUSHED STONE							CONTINUED		
A03064	RAINBOW QUARRY LLC	RAINBOW	SE 26 T97N R05W						1-5	A B C D E	
A03066	SKYLINE MATERIALS LTD	ELSBERN	NW 29 T97N R06W	2.61	3	4	4	L	2	A B C D E	
A03068	BRUENING ROCK PRODUCTS INC	JEFFERSON	SW 30 T97N R05W			5	5	L	2-4		
A03072	STRONG ROCK & GRAVEL	STRONG	SE 24 T99N R04W			4	4	D	1-8	A B C D E	
A03074	RON WEYMILLER	WW	NE 12 T100NR05W								
		SAND AND GRAVEL									
A03502	SKYLINE MATERIALS LTD	HARPERS FERRY	SW 7 T97N R02W	2.67	3iB	3	3				
				2.67	X						
A03506	BRUENING ROCK PRODUCTS INC	HAMMEL-BOONIES	SW 2 T99N R06W		H	4	4				
A03518	BRUENING ROCK PRODUCTS INC	IVERSON	NW 09 T99N R06W		H						
A03520	BRUENING ROCK PRODUCTS INC	IVERSON 2	NE 08 T99N R06W	2.65	X						
		CRUSHED STONE									
4	APPANOOSE	DIST 5 CRUSHED STONE									
A04016	L&W QUARRIES INC	WALNUT CITY	CT 35 T70N R19W	2.70	2	5	5	L	1-3		D
						5	5	L	6	A B C D E	1
A04018	L&W QUARRIES INC	CLARKDALE #8	SE 15 T69N R18W				5		4		D E
									1A		D E
									1C	A B C D E	
A04020	CANTERA AGGREGATES	PLANO	5 T69N R19W			5	5	L	1	A B C D E	2
									3	A B C D E	
A04022	CANTERA AGGREGATES	CONFIDENCE	20 T70N R19W			5	5		BED 1		
5	AUDUBON	DIST 4 SAND AND GRAVEL									
A05506	HALLETT MATERIALS CO	EXIRA	SW 8 T78N R35W	2.68	3i	3	3				
				2.66	X						
6	BENTON	DIST 6 CRUSHED STONE									
A06006	WENDLING QUARRIES INC	GARRISON B	NE 33 T85N R11W	2.64	2	4	4	L	6-16		
						5	5	L	6-28		
									6-TOP 2'	A B C D E	
									BED 27		
						5	5	L	32-37		
A06012	WENDLING QUARRIES INC	JABENS	SW 7 T85N R11W	DWU	2	5	5	L	6-11		
				DWU	2	5	5	L	9-12	A B C D E	
				2.63	2	4	4	L	12	A B C D E	
						4	4	L	10-12		
						4	4	L	13-18		D
						4	4	L	20-23	A B C D E	

NOTE 1: AASHTO 67 GRADATION #5 40% MAXIMUM; RESTRICTION DOES NOT APPLY TO STRUCTURAL CONCRETE

NOTE 2: BED 1, LOWER HALF ONLY

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK B	TYPE		
6	BENTON	DIST 6	CRUSHED STONE						CONTINUED	
A06012	WENDLING QUARRIES INC	JABENS	SW 7 T85N R11W						D	
A06014	WENDLING QUARRIES INC	VINTON-MILROY	S2 10 T85N R10W				4	L	1-5 1-4 1-7 2A ON DOWN	D D D
A06016	WENDLING QUARRIES INC	COOTS	SW 36 T86N R11W							
		SAND AND GRAVEL								
A06502	WENDLING QUARRIES INC	VINTON-MILROY	S2 10 T85N R10W	2.65	X	4	4			
A06504	WENDLING QUARRIES INC	COOTS SAND/VINTON	SW 31 T86N R10W	2.65	X	3	3			
A06506	WENDLING QUARRIES INC	PORK CHOP	CT 11 T85N R09W	DWU	X	4	4			
A06508	WENDLING QUARRIES INC	BRIGHT SAND	NW 28 T86N R10W							
7	BLACK HAWK	DIST 2	CRUSHED STONE							
A07004	BMC AGGREGATES LC	WATERLOO SOUTH	NW 18 T87N R12W	DWU	3	5	5	L	25 17-24 32-36 5-24 1-23 17-23	A B C D E A B C D E A B C D E
A07008	BMC AGGREGATES LC	MORGAN	NE 15 T89N R12W	2.48 2.63	3i 3i	4	4	L D	5 TOP 30' OF 9 1 1-3 4A-4B	
A07018	BMC AGGREGATES LC	RAYMOND-PESKE	SW 1 T88N R12W	2.66 DWU 2.59 2.59	2 2 2 2	4	4	L L D L D L	1B-5,2-5 3-12,3-13 2-10 3-10 1-10 6-10	A B C D E
A07020	BMC AGGREGATES LC	STEINBRON	SE 1 T88N R11W	2.60 2.60	3 2	4	4	L L	1B 1A-1B	
A07022	BMC AGGREGATES LC	MESSERLY	NE 8 T90N R14W							
		SAND AND GRAVEL								
A07504	BMC AGGREGATES LC	WATERLOO SAND	SW 9 T89N R13W	2.65	X	3	3			
A07506	WENDLING QUARRIES INC	ASPRO	NW 1 T88N R13W	2.65	X	4	4			
A07508	BMC AGGREGATES LC	GILBERTVILLE	16 T88N R12W	DWU	2	4	4			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVTMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
7	BLACK HAWK	DIST 2 SAND AND GRAVEL							CONTINUED	
A07508	BMC AGGREGATES LC	GILBERTVILLE	16 T88N R12W	2.65	X					
A07512	BMC AGGREGATES LC	ZEIEN S&G	NW 23 T87N R12W	2.65	X					
A07518	BMC AGGREGATES LC	JANESVILLE	NE 14 T90N R14W			3	3			
				2.66	X					
A07520	BENTONS SAND & GRAVEL	BENTON'S LAKE	1 T89N R14W	2.66	X					
8	BOONE	DIST 1 SAND AND GRAVEL								
A08504	STRATFORD GRAVEL INC	JENSEN	SE 35 T85N R25W		H					
A08526	STRATFORD GRAVEL INC	POWERS	SE 29 T84N R28W		H					
A08528	STRATFORD GRAVEL INC	LEININGER	SW 26 T85N R25W		H					
9	BREMER	DIST 2 CRUSHED STONE								
A09002	BMC AGGREGATES LC	FREDERIKA	NE 12 T93N R13W				5		2-8	
A09006	BMC AGGREGATES LC	TRIPOLI-PLATTE	SW 36 T93N R13W	2.65	3iB	4	4	D	1-6	
				2.65	3iB	4	4	D	1-4	A B C D E
A09008	BMC AGGREGATES LC	DENVER #2	NE 20 T91N R13W						2	A B C D E
		SAND AND GRAVEL								
A09508	BMC AGGREGATES LC	TRIPOLI-PLATTE	SW 36 T93N R13W		H					
A09510	CROELL REDI MIX	PLAINFIELD/ADAMS	NE 32 T93N R14W	2.66	X					
A09512	BMC AGGREGATES LC	BOEVERS	NE 31 T92N R11W	2.64	X					
10	BUCHANAN	DIST 6 CRUSHED STONE								
A10002	BARD MATERIALS	WESTON-LAMONT	NW 14 T90N R07W	2.61	3iB	4	4	D	1-6	A B C D E
				2.57	3i	4	4	D	6-7	A B C D E
				2.65	3i	4	4	D	8-9	A B C D E
						4	4	D	1-7	
A10004	BMC AGGREGATES LC	BLOOM-JESUP	SW 32 T89N R10W	2.63	3	4	4	L	2-5	A B C D E
						4	4	L	1-7	
									2-8	D
A10008	BRUENING ROCK PRODUCTS INC	OELWEIN	NW 2 T90N R09W	2.64	3i	4	4	D	4-5	A B C D E
						4	4	D	4-6	
A10010	BRUENING ROCK PRODUCTS INC	HAZELTON	NW 11 T90N R09W	2.63	3iB	4	4	D	4	A B C D E
A10012	BMC AGGREGATES LC	MILLER-INDEPENDENCE	NW 14 T88N R09W							
A10014	BMC AGGREGATES LC	OELWEIN #1	SW 2 T90N R09W			5	5	L	1-12	
A10016	BMC AGGREGATES LC	OELWEIN #2	SE 3 T90N R09W	2.67	3i	4	4	D	13-16	
									13-17	A B C D E
A10022	BRUENING ROCK PRODUCTS INC	BROOKS	NW 2 T88N R09W	2.60	3i	4	4	L	7	
							5		1-6	
A10024	BMC AGGREGATES LC	RASMUSSEN #2	SE 21 T88N R08W						1-6 + QRY	D
									FLR	
A10028	WENDLING QUARRIES INC	HERTZBERGER	NE 36 T87N R10W				5			
A10030	BARD MATERIALS	SOUTH AURORA	NW 19 T90N R07W	2.63	3iB	4	4	D	1-3	A B C D E

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD	PCC	HMA	ROCK	TYPE		
				SpGr	CA	FA	A	B		
10	BUCHANAN	DIST 6	CRUSHED STONE						CONTINUED	
A10040	BMC AGGREGATES LC		ZUPKE-OELWEIN	NE 4	T90N	R09W				
A10042	BRUENING ROCK PRODUCTS INC		BRANDON I-380	E2 23	T87N	R10W				
A10044	BMC AGGREGATES LC		PARKER	NE 6	T88N	R10W				
			SAND AND GRAVEL							
A10516	BMC AGGREGATES LC		MILLER	NW 14	T88N	R09W	2.65	X		
A10518	WENDLING QUARRIES INC		YEAROUS	SE 19	T89N	R09W	2.65	X		
A10520	BRUENING ROCK PRODUCTS INC		BROOKS	SW 2	T88N	R09W	DWU	X		
A10522	BARD MATERIALS		NIEMANN-DECKER	NW 14	T90N	R07W	2.66	X		
A10524	BRUENING ROCK PRODUCTS INC		CRAWFORD	SE 10	T90N	R07W	2.64	X		
11	BUENA VISTA	DIST 3	SAND AND GRAVEL							
A11512	BUENA VISTA COUNTY		MARATHON	SE 19	T93N	R35W		H	4 4	
A11514	REDINGS GRAVEL & EXCAVATING CO		OATMAN	SW 18	T90N	R36W		H	4 4	
A11516	HALLETT MATERIALS CO		SIOUX RAPIDS	W2 12	T93N	R37W		H	3 3	
A11518	STRATFORD GRAVEL INC		MOLGAARD	NW 3	T93N	R38W		H		
A11520	WETHERELL SAND & GRAVEL		WETHERELL	02	T93N	R38W		H		
12	BUTLER	DIST 2	CRUSHED STONE							
A12004	BRUENING ROCK PRODUCTS INC		LUBBEN	NW 25	T93N	R17W			5 5	L
									5	
A12008	BRUENING ROCK PRODUCTS INC		FLORRY-STEERE	CT 8	T93N	R17W			5	
A12010	SKYLINE MATERIALS LTD		CLARKSVILLE-ENGLE	NE 16	T92N	R15W				
A12014	BMC AGGREGATES LC		OLTMANN	SE 8	T91N	R16W			5 5	L
A12016	BRUENING ROCK PRODUCTS INC		WIEGMANN-BRISTOW	SE 23	T92N	R18W				
A12018	BRUENING ROCK PRODUCTS INC		NEYMEYER	SW 28	T90N	R18W				
A12020	BRUENING ROCK PRODUCTS INC		BRUNS #2	NW 21	T91N	R18W			5	
			SAND AND GRAVEL							
A12502	CROELL REDI MIX		CLARKSVILLE	NW 1	T92N	R16W	2.67	2	4 4	
							2.67			
A12516	BRUENING ROCK PRODUCTS INC		JENSEN	S2 18	T93N	R16W		X	4 4	
A12518	BMC AGGREGATES LC		SHELL ROCK-ADAMS	NE 3	T91N	R15W		H	3 3	
							2.66	X		
A12520	CROELL REDI MIX		PARKERSBURG	E2 19	T90N	R16W	DWU	X		
A12522	BMC AGGREGATES LC		HOBSON	34	T92N	R15W	2.66	X		
13	CALHOUN	DIST 3	SAND AND GRAVEL							
A13502	STRATFORD GRAVEL INC		KRUSE	NE 26	T86N	R34W		H	4 4	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK B	TYPE BEDS		
13	CALHOUN	DIST 3 SAND AND GRAVEL							CONTINUED	
A13504	TIEFENTHALER AG-LIME INC	JENSEN	SW 7 T86N R34W	2.67	X					
A13506	MOHR SAND, GRAVEL, & CONST LLC	MOHR	NW 23 T86N R34W	DWU	X					
A13508	STRATFORD GRAVEL INC	PACKER	NE 26 T86N R34W		H	3	3			
A13510	MOHR SAND, GRAVEL, & CONST LLC	SMITH	NW 23 T86N R34W							
14	CARROLL	DIST 3 SAND AND GRAVEL								
A14504	STRATFORD GRAVEL INC	REINHART	NW 21 T85N R33W	DWU	2	X				
A14510	TIEFENTHALER AG-LIME INC	LANESBORO	NW 17 T85N R33W	2.72	2		4	4		
				2.68		X				
A14514	TIEFENTHALER AG-LIME INC	MACKE	SW 6 T85N R33W	2.69	2		4	4		
				2.66		X				
A14516	STRATFORD GRAVEL INC	RICHLAND	NE 23 T83N R33W		H		4	4		
A14518	TIEFENTHALER AG-LIME INC	MILLER	21 T85N R33W	DWU	2					
				DWU		X				
15	CASS	DIST 4 CRUSHED STONE								
A15004	SCHILDBERG CONSTRUCTION CO	LEWIS	SE 17 T75N R37W							
A15008	SCHILDBERG CONSTRUCTION CO	ATLANTIC MINE	SW 13 T76N R37W				5		25 25B-25E 20A-20C	D D
A15012	SCHILDBERG CONSTRUCTION CO	HANSEN	SE 29 T76N R36W				5	5	L ARGENTINE	
16	CEDAR	DIST 6 CRUSHED STONE								
A16004	WENDLING QUARRIES INC	LOWDEN-SCHNECKLOTH	NW 4 T81N R01W	DWU	3i		4	4	D 1-4	A B C D E
A16006	WENDLING QUARRIES INC	STONEMILL	SE 14 T80N R03W	DWU	3iB		4	4	D 4 1-4B	A B C D E D
A16012	WEBER STONE CO INC	ONION GROVE	NW 14 T82N R02W	2.61	3i		4	4	D 1-7	A B C D E
A16014	WENDLING QUARRIES INC	TOWNSEND	NW 2 T79N R02W						2-10	A B C D E
A16022	WENDLING QUARRIES INC	TRICON	N2 9 T82N R04W	DWU	3i		4	4	D 1	A B C D E
				DWU	3i		4	4	D 1-4	A B C D E
A16026	WENDLING QUARRIES INC	PEDEN #2	SW 10 T79N R03W							
		SAND AND GRAVEL								
A16502	WENDLING QUARRIES INC	SHARPLISS	NW 12 T79N R03W	2.65		X	4	4		
				2.65		X				
A16506	WEBER STONE CO INC	ONION GROVE	NE 14 T82N R02W	2.65		X				
A16510	CROELL REDI MIX	CEDAR BLUFF	SW 28 T81N R04W	DWU		X				
17	CERRO GORDO	DIST 2 CRUSHED STONE								
A17008	MARTIN MARIETTA AGGREGATES	PORTLAND WEST	NE 19 T96N R19W	2.75	3iB		4	4	L 1-8	A B C D E
A17012	MARTIN MARIETTA AGGREGATES	UBBEN	SW 26 T94N R20W	2.68	2		5	5	L 3	
							5	5	L 1-3	
A17020	MARTIN MARIETTA AGGREGATES	MASON CITY	NE 29 T97N R20W	DWU	3i		5	5	L 7	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT	L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK B		
17	CERRO GORDO	DIST 2	CRUSHED STONE						
A17020	MARTIN MARIETTA AGGREGATES	MASON CITY	NE 29 T97N R20W	2.73	3	5 5	L	7-9	A B C D E
						4 4	L	8-9	
						4 4	D	9-15	
								1-6	A B C D E
A17022	NORTH IA SAND & GRAVEL INC	HOLCIM	SE 19 T97N R20W			4 4	L	1-12	
A17024	HEARTLAND ASPHALT INC	RIVERVIEW	NE 29 T96N R19W			4 4	L	1-15	
						4 4	L	13-15	
						5 5	L	13-17	
						5 5	L	16-17	
		SAND AND GRAVEL							
A17514	MARTIN MARIETTA AGGREGATES	HOLCIM SAND	NE 19 T97N R20W	DWU 2.65	3	3 3			
					X				
A17518	HEARTLAND ASPHALT INC	AIRPORT	NE 8 T96N R21W			3 3			
A17520	NORTH IA SAND & GRAVEL INC	TUTTLE	NE 13 T97N R21W	2.64		X			
18	CHEROKEE	DIST 3	SAND AND GRAVEL						
A18506	HALLETT MATERIALS CO	CHEROKEE SOUTH	NE 16 T91N R40W	2.70 2.69	2	3 3			
					X				
A18514	L G EVERIST INC	LARRABEE-MONTGOMERY	NE 20 T93N R39W	2.67 2.63	3	3 3			
					X				
A18526	HALLETT MATERIALS CO	CHEROKEE NORTH	SW 23 T92N R40W	2.70 2.67	3	3 3			
					X				
A18528	L G EVERIST INC	WASHTA	SW 31 T90N R41W	2.68 2.64	3	3 3			
					X				
A18534	HALLETT MATERIALS CO	NELSON	CT 23 T92N R40W	2.67 2.68	2	3 3			
					X				
19	CHICKASAW	DIST 2	CRUSHED STONE						
A19004	BRUENING ROCK PRODUCTS INC	DEERFIELD-MAHONEY	SE 33 T97N R14W						
A19008	BRUENING ROCK PRODUCTS INC	BOICE	NE 16 T95N R14W					2-5	D
		SAND AND GRAVEL							
A19508	SKYLINE MATERIALS LTD	BUSTA	SE 23 T96N R11W	2.65	X	4 4			
A19512	BRUENING ROCK PRODUCTS INC	PEARL ROCK	SE 31 T94N R14W	2.65	X	4 4			
A19514	BRUENING ROCK PRODUCTS INC	NASHUA	SW 33 T95N R14W	DWU	X	3 3			
A19516	BMC AGGREGATES LC	REWOLDT	NE 25 T94N R13W	2.64	X				
A19520	BMC AGGREGATES LC	ROSONKE	SE 16 T95N R14W		H				
A19522	CROELL REDI MIX	BUCKY'S	NW 3 T95N R11W	2.68	3iB	3 3			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT		L2 ROCK TYPE BEDS	REVETMENT CLASS	NOTES
						FA	A B			
19	CHICKASAW	DIST 2 SAND AND GRAVEL							CONTINUED	
A19522	CROELL REDI MIX	BUCKY'S	NW 3 T95N R11W	2.65		X				
20	CLARKE	DIST 5 CRUSHED STONE								
A20002	SCHILDBERG CONSTRUCTION CO	OSCEOLA	NW 12 T72N R26W				5	25A-25E 20A-20C 20A 25B-25C	D A B C D E A B C D E	1
21	CLAY	DIST 3 SAND AND GRAVEL								
A21506	DAVE'S SAND AND GRAVEL INC	EVERLY	SW 31 T97N R38W	2.70 2.68	3	X	3 3			
A21516	SIEH SAND & GRAVEL	SPENCER #1	SW 24 T96N R36W	2.69 2.66	2	X	3 3			
A21518	HALLETT MATERIALS CO	SPENCER #2	SW 5 T97N R37W			H	4 4			
A21526	CLAY COUNTY	CLAY COUNTY	NW 20 T96N R35W			H				
A21528	DAVE'S SAND AND GRAVEL INC	GOEKEN	NE 5 T96N R38W	DWU	2	H				
A21530	HALLETT MATERIALS CO	BRAUNSCHWEIG	16 T94N R36W			H	3 3			
A21532	CLAY COUNTY	ELSER	CT 3 T94N R36W			H	3 3			
A21534	HALLETT MATERIALS CO	CLARK EVERLY	NW 6 T96N R38W			H				
A21536	HALLETT MATERIALS CO	GILLETT GROVE	NE 3 T94N R36W			H	3 3			
A21538	NSG, LLC	NORGAARD SAND & GRAVEL	NW 20 T96N R35W	2.65		X				
A21540	BD CONSTRUCTION SERVICES LLC	DELOSS	20 T96N R35W			H				
22	CLAYTON	DIST 2 CRUSHED STONE								
A22002	BARD MATERIALS	TWIN ROCK-SCHRADER	NW 14 T94N R05W				4 4	D 1-11		
A22004	SKYLINE MATERIALS LTD	BENTE-ELKADER-WATSON	SW 12 T93N R05W	2.66	2		4 4	D 3-11	A B C D E	
A22008	BARD MATERIALS	ANDEREGG	SE 32 T92N R02W				4 4	D 1-9	A B C D E	
A22010	BARD MATERIALS	OSTERDOCK	SE 2 T91N R03W	2.67	2		4 4	D 2-8	A B C D E	
A22012	BARD MATERIALS	SCHMIDT	NE 33 T91N R01W	2.66	3i		4 4	D 1-8	A B C D E	
A22014	SKYLINE MATERIALS LTD	BLUME	NE 9 T93N R03W	2.64	2		4 4	D 3-8	A B C D E	
A22016	BARD MATERIALS	GISLESON	NW 6 T95N R04W	2.66	3i		4 4	D 4B -6	A B C D E	
A22018	CJ MOYNA & SONS INC	ZURCHER	SE 1 T94N R05W				4 4	D 2-6	A B C D E	

NOTE 1: FRICTION TYPE TO BE DETERMINED WHEN USED ON WINTerset BEDS 20A-20C

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	FA	HMA A	ROCK B			
22	CLAYTON	DIST 2 CRUSHED STONE							CONTINUED		
A22020	BARD MATERIALS	MUELLER	NE 30 T94N R03W	DWU	3i	4	4	D	1-8	A B C D E	
A22024	MIELKES QUARRY	MIELKE QUARRY	NE 21 T95N R04W			4	4	D	1-2	A B C D E	
A22026	BARD MATERIALS	DOERRING-LUANA	SE 5 T95N R05W						3-5	A B C D E	
A22030	BARD MATERIALS	EBERHARDT	NW 27 T93N R05W	2.72	3	4	4		1-5		
									1-8		
									1-6	A B C D E	
A22032	BARD MATERIALS	WELLMAN	NW 25 T92N R06W						1-6		
A22034	BARD MATERIALS	KRUSE	NW 17 T92N R04W	2.70	3B	4	4		5-11		
				2.70	2	4	4		5-12	A B C D E	
						4	4		2-12		
A22038	BARD MATERIALS	FASSBINDER	SW 9 T92N R03W	2.67	3i	4	4	D	2B -6		
									2-6	A B C D E	
A22040	BARD MATERIALS	HARTMAN	NW 29 T91N R06W	2.68	3i	4	4	D	1-4	A B C D E	
A22042	SKYLINE MATERIALS LTD	MORAREND	CT 35 T92N R03W						1-8		
						4	4	D	1-10		
									1-9	A B C D E	
A22044	BARD MATERIALS	BOGE	SW 18 T91N R02W								
A22048	SKYLINE MATERIALS LTD	TUCKER	SW 18 T91N R05W						1-3	D	
A22058	SKYLINE MATERIALS LTD	ST. OLAF	NW 25 T94N R05W								
A22060	CROELL REDI MIX	JOHNSON	NW 26 T93N R04W	2.64	3i	4	4	D	2-5	A B C D E	
						4	4	D	1-5		
A22062	CJ MOYNA & SONS INC	SNY MAGILL	SE 22 T94N R03W	2.73	3i	4	4	D	6-10	A B C D E	
A22068	RIVER CITY STONE INC	MILLVILLE	NW 10 T91N R02W	DWU	3i	4	4	D	1-8	A B C D E	
A22070	BRUENING ROCK PRODUCTS INC	BERNHARD/GIARD	NW 35 T95N R04W	DWU	3i	4	4	D	1-3	A B C D E	
A22074	RIVER CITY STONE INC	STRAWBERRY POINT	NE 19 T91N R06W	2.69	3i	4	4	D	1-2	A B C D E	
A22076	BRUENING ROCK PRODUCTS INC	LARSON	NW 8 T93N R05W								
A22080	BARD MATERIALS	HILINE	NW 8 T91N R03W								
A22084	CJ MOYNA & SONS INC	MOYNA	14 T93N R05W	2.66	3i			L	BED 6- TOP 3' OF 8		
						4	4	L	6-9	A B C D E	
A22086	CJ MOYNA & SONS INC	WILLIE	SW 18 T93N R02W								
A22088	CJ MOYNA & SONS INC	KEPPLER	NW 29 T94N R05W								
A22090	PATTISON SAND COMPANY LLC	FRENCHTOWN	7 T93N R02W	2.68	3iB	4	4	D	S1C-S1D		
				DWU	3	4	4	D	S1B		
				2.68	3	4	4	D	S1B-S1D		
				2.68	3i	4	4	D	G4	A B C D E	
				2.66	3	4	4	D	G2-G3	A B C D E	
				2.72	3i	4	4	D	O1A	A B C D E	
						4	4	D	G2-G4	A B C D E	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC	CA	FA	HMA			
22	CLAYTON	DIST 2	CRUSHED STONE							CONTINUED	
A22090	PATTISON SAND COMPANY LLC	FRENCHTOWN	7 T93N R02W						G1	A B C D E	
A22092	CJ MOYNA & SONS INC	LARSON	07 T94N R06W								
A22094	CJ MOYNA & SONS INC	BACKES	SE 19 T92N R03W								
		SAND AND GRAVEL									
A22510	SKYLINE MATERIALS LTD	BENTE	SE 15 T93N R05W	2.66	X	4	4				
A22520	BARD MATERIALS	WELTERLEN	SE 32 T91N R05W	2.65	X						
A22522	CJ MOYNA & SONS INC	MOYNA	13 T93N R05W	2.64	X	4	4				
23	CLINTON	DIST 6	CRUSHED STONE								
A23002	PRESTON READY MIX CORP	ELWOOD-YEAGER	NW 8 T83N R02E	DWU	3i	4	4	D	1-2	A B C D E	
						4	4	D	5-6		
A23004	WENDLING QUARRIES INC	BEHR	SW 2 T81N R03E	2.61	3i	4	4	D	1-2	A B C D E	
A23006	WENDLING QUARRIES INC	SHAFFTON	NE 11 T80N R05E	DWU	3i	4	4	D	16-17		
				DWU	3i	4	4	D	17-18		
				DWU	3i	4	4	D	18-19		
				DWU	3i	4	4	D	20-21		
				DWU	3	4	4	D	20-23	A B C D E	
				DWU	3	4	4	D	3-14	D	
						4	4	D	3-15		
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW 22 T83N R05E			4	4	D	16-21	A B C D E	
									1-10		
									2-4	D E	
A23012	WENDLING QUARRIES INC	TEEDS GROVE	SW 3 T83N R06E						2-4	A B C D E	
A23016	WENDLING QUARRIES INC	LYONS	NW 18 T82N R07E						UPPER OR	D E	
									LOWER		
									LEDGE		
A23026	WENDLING QUARRIES INC	MILL CREEK	NE 22 T82N R06E								
A23028	WENDLING QUARRIES INC	DELMAR	SE 6 T83N R04E								
A23030	WENDLING QUARRIES INC	EDEN VALLEY	4 T83N R01E								
A23032	ANDERSON SAND AND GRAVEL CO	ANDERSON	23 T81N R03E								
		SAND AND GRAVEL									
A23504	WENDLING QUARRIES INC	BEHR	SW 2 T81N R03E	2.68	2	4	4				
				2.68	X						
A23506	WENDLING QUARRIES INC	SCHNECKLOTH	S2 10 T80N R05E			4	4				
				2.67	X						
A23508	WENDLING QUARRIES INC	GATEWAY	NE 27 T81N R06E			4	4				
				2.66	X						
A23510	WENDLING QUARRIES INC	SHAFFTON	N2 11 T80N R05E			4	4				
				2.66	X						
A23514	ANDERSON SAND AND GRAVEL CO	ANDERSON	NW 23 T81N R03E	2.68	X						
A23516	WENDLING QUARRIES INC	OLSON	NW 23 T81N R02E	DWU	X						

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPED BEDS		
24	CRAWFORD	DIST 3 SAND AND GRAVEL								
A24512	HALLETT MATERIALS CO	DUNLAP	SE 27 T82N R41W	2.70 2.66	2		3 3			
						X				
25	DALLAS	DIST 4 SAND AND GRAVEL								
A25510	HALLETT MATERIALS CO	PERRY	NW 1 T81N R29W	2.70 2.67	2	X	4 4			
A25514	HALLETT MATERIALS CO	BOONEVILLE	S2 26 T78N R26W	2.68 2.66	2	X	3 3			
A25516	HALLETT MATERIALS CO	VAN METER SOUTH	21 T78N R27W	2.68 2.66	2	X	3 3			
A25518	MARTIN MARIETTA AGGREGATES	RACCOON RIVER SAND	27 T78N R26W	2.66 2.65	2	X	3 3			
A25520	LEGACY MATERIALS	LEGACY MATERIALS	29 T78N R26W	DWU 2.66	2	X				
A25522	HALLETT MATERIALS CO	BOONEVILLE WEST	25 T78N R27W	DWU 2.66	2	X				
26	DAVIS	DIST 5 CRUSHED STONE								
A26004	DOUDS STONE LLC	LEWIS	W2 2 T69N R12W	2.60	3		4 4 5 5 5	L L L	1 3-7 3-5	D E D E D
A26006	DOUDS STONE LLC	BROWN	NW 2 T69N R12W	2.60	3		4 4 5 5 5 4 4	L L L L	1 3-7 3-5 6-7	D E D E D E D E
		SAND AND GRAVEL								
A26502	DOUDS STONE LLC	ELDON-FRANKLIN	SW 1 T70N R12W	2.67		X				
27	DECATUR	DIST 5 CRUSHED STONE								
A27002	SCHILDBERG CONSTRUCTION CO	GRAND RIVER	NW 22 T70N R27W				5		25A-25C TOP 5.5' BED 25E	D
A27008	SCHILDBERG CONSTRUCTION CO	DECATUR	05 T68N R26W				5		20C 25A-25E 25C 20A	A B C D E D C D E

NOTE 1: TOP 4' ONLY OF BED 25C
 NOTE 2: FRICTION TYPE TO BE DETERMINED WHEN USED FOR BED 20C.
 NOTE 3: TOP 2.5' ONLY OF BED 25E.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA FA	L2 ROCK B	TYPE	BEDS	REVETMENT CLASS	NOTES
29	DES MOINES	DIST 5 CRUSHED STONE									
A29002	L&W QUARRIES INC	MEDIAPOLIS	SE 1 T71N R04W	2.65	3			4 4	L	15	1
								4 4	L	15-18	A B C D E
								5 5	L	20	
										3-7	A B C D E
A29008	CESSFORD CONST CO- SE DIV	NELSON	NE 26 T72N R02W	2.62	3i			4 4	L	21-24	A B C D E
				DWU	3			4 4	L	8-14	A B C D E
								4 4	L	7-19	
								4 4	L	7-20	A B C D E
								4 4	L	15-24	D
								5 5	L	24-27	
										7-14	A B C D E
										15-20	D
										25-27	D
A29012	CESSFORD CONST CO- SE DIV	GEODE	NE 1 T69N R05W					4 4	L	11-12	
								5 5	L	9-13	D E
								4 4	L	17	A B C D E
										1-5	D E
		SAND AND GRAVEL									
A29502	CESSFORD CONST CO- SE DIV	SPRING GROVE	SW 36 T69N R03W	DWU	3			4 4			
				2.66		X					
30	DICKINSON	DIST 3 SAND AND GRAVEL									
A30504	HALLETT MATERIALS CO	ROHLIN	NE 6 T98N R36W			H		3 3			
A30508	HALLETT MATERIALS CO	FOSTORIA/LOST	32 T98N R37W	2.71	2			3 3			
				2.67		X					
A30510	WEDEKING PIT & PLANT INC.	WEDEKING	NE 7 T98N R36W	2.71	2			3 3			
				2.66		X					
A30512	DICKINSON COUNTY	WESTPORT	NE 17 T98N R38W			H		4 4			
A30514	HALLETT MATERIALS CO	MILFORD/LEITH	NE 4 T98N R37W	DWU	2	H		3 3			
A30516	COHRS CONSTRUCTION INC	CROSBY	NW 21 T100NR37W			H					
A30518	COHRS CONSTRUCTION INC	SMITH	SE 6 T98N R36W			H					
A30520	COHRS CONSTRUCTION INC	MILFORD/DERNER	NE 14 T98N R37W	DWU	2						
				DWU		X					
				DWU		X					
A30526	MONEY PIT LLC	MILL CREEK	SW 8 T98N R36W	DWU		X					
31	DUBUQUE	DIST 6 CRUSHED STONE									
A31002	RIVER CITY STONE INC	ROSE SPUR	27 T90N R02E	2.66	3i			4 4	D	1-8	A B C D E
								4 4	D	1-15	

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES	
				SSD	PCC	HMA	ROCK	TYPE			BEDS
				SpGr	CA	FA	A	B			
31	DUBUQUE	DIST 6 CRUSHED STONE							CONTINUED		
A31006	BARD MATERIALS	DYERSVILLE EAST	SE 32 T89N R02W	2.69	3i		4	4	D	5-11	A B C D E
							4	4	D	5-8	
A31008	CJ MOYNA & SONS INC	KLEIN-RICKARDSVILLE	NW 33 T90N R01E	2.64	3i		4	4	D	3A-4B	D E
							4	4	D	1-4	
										2-4B	A B C D E
A31010	RIVER CITY STONE INC	BROWN	NW 33 T89N R02E	2.65	3i		4	4	D	3-7	
							4	4	D	2-9	
							4	4	D	9B	
										3-9	A B C D E
										FULL FACE	D
A31014	BARD MATERIALS	KURT	N2 35 T87N R02W	2.70	3iB		4	4	D	1-2	A B C D E
A31018	RIVER CITY STONE INC	MELOY	NW 23 T87N R01E	DWU	3i		4	4	D	1-3	D E
										FULL FACE	A B C D E
A31020	RIVER CITY STONE INC	SCHLITCHE	SE 11 T89N R02W	DWU	3i		4	4	D	1-4	A B C D E
A31026	RIVER CITY STONE INC	ARENSDORF	SE 25 T87N R02E	DWU	3i		4	4	D	1-2	A B C D E
A31028	RIVER CITY STONE INC	THOLE	NW 21 T87N R02E	DWU	3i		4	4	D	1-2	
										2-3	A B C D E
										3	D E
A31030	RIVER CITY STONE INC	KEMP	NE 9 T89N R01W				4	4	D	1-4	
										FULL FACE	A B C D E
A31032	BRUENING ROCK PRODUCTS INC	CASCADE-REITER	NW 28 T87N R01W	DWU	3i		4	4	D	1B-5	A B C D E
A31036	RIVER CITY STONE INC	BALLTOWN	SE 5 T90N R01E							1-7	A B C D E
A31040	RIVER CITY STONE INC	KENNEDY	NW 3 T88N R01W							FULL FACE	A B C D E
A31042	RIVER CITY STONE INC	GANSEN	NW 9 T87N R02E								
A31046	WENDLING QUARRIES INC	DECKER	SE 24 T87N R02E	DWU	3i		4	4	D	1-5	
										2-5	A B C D E
A31048	RIVER CITY STONE INC	MCDERMOTT	NE 35 T88N R01W	2.65	3i		4	4	D	2	
A31050	RIVER CITY STONE INC	PLOESSEL-DYERSVILLE	N2 7 T88N R02W	2.74	3i		4	4	D	3-5	D E
										2-5	A B C D E
A31052	BARD MATERIALS	EPWORTH-KIDDER	SW 2 T88N R01W	DWU	3i		4	4	D	2	
										FULL FACE	A B C D E
A31056	RIVER CITY STONE INC	RUBIE	SE 6 T88N R03E	DWU	3iB		4	4	D	5-8	A B C D E
					DWU	3iB	4	4	D	5-9	A B C D E
				2.68	3i		4	4	D	5-10	A B C D E
				2.69	3i		4	4	D	8-10	A B C D E
										1-10	D
A31060	BARD MATERIALS	CASCADE EAST	SE 22 T87N R01W	2.69	3iB		4	4	D	2-5	A B C D E

NOTE 1: TOP 17.0' ONLY OF BED 2

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK B	TYPE		
31	DUBUQUE	DIST 6 CRUSHED STONE							CONTINUED	
A31060	BARD MATERIALS	CASCADE EAST	SE 22 T87N R01W					1	A B C D E	
A31064	RIVER CITY STONE INC	WEBER	NE 32 T89N R02E			4	4	D	3-9A	A B C D E
A31066	RIVER CITY STONE INC	FILLMORE	SW 26 T87N R01W	2.70	3i	4	4	D	2-4	A B C D E
A31068	BARD MATERIALS	DYERSVILLE-MAIERS	SE 19 T89N R02W	2.70	3i	4	4	D	2	D E
						4	4	D	1-2	
A31070	RIVER CITY STONE INC	GREEN VALLEY SAND AND GRAVEL	SE 32 T89N R02W							
A31512	BARD MATERIALS	BURKLE	SW 19 T89N R02W	2.65		X				
A31514	RIVER CITY STONE INC	FILLMORE	CT 26 T87N R01W	2.63		X				
A31516	BARD MATERIALS	CASCADE-LOCHER	25 T87N R02W	2.65		X				
A31518	BARD MATERIALS	MAIERS	SE 19 T89N R02W	2.65		X				
32	EMMET	DIST 3 SAND AND GRAVEL								
A32502	HALLETT MATERIALS CO	ESTHERVILLE	N2 3 T99N R34W	2.70	2		3	3		
				DWU		X				
A32506	EMMET COUNTY	FREY	NW 21 T100NR34W			H	4	4		
A32522	HALLETT MATERIALS CO	OLD ESTHERVILLE S&G	30 T99N R33W			H				
A32524	EMMET COUNTY	PETERSON	SW 34 T100NR34W			H				
A32530	HALLETT MATERIALS CO	ESTHERVILLE/WHITE	SW 16 T100NR34W	DWU	2		4	4		
				DWU		X				
A32534	COHRS CONSTRUCTION INC	ENERSON	28 T100NR34W			H	4	4		
A32538	HALLETT MATERIALS CO	JENSEN	NW 3 T99N R34W	DWU	2					
				DWU		X				
A32540	HALLETT MATERIALS CO	FISHER	NE 33 T98N R32W			H				
A32542	HALLETT MATERIALS CO	GRAETTINGER	SE 33 T98N R33W			H	4	4		
A32544	DUININCK BROS INC	ANDERSON	7 T100NR34W	DWU		X	3	3		
A32546	DUININCK BROS INC	TROPHY RIDGE	SE 25 T99N R34W			H				
A32548	KNOPIK SAND & GRAVEL INC	LILLAND	SE 3 T99N R34W	DWU	3					
				DWU		X				
33	FAYETTE	DIST 2 CRUSHED STONE								
A33002	BMC AGGREGATES LC	ELDORADO-JACOBSEN	SW 17 T95N R08W	2.69	3iB	5	5	L	4-6B	A B C D E
A33004	BMC AGGREGATES LC	HOUG	SW 11 T94N R08W			5	5	L	1-9	
									3-8	A B C D E
A33018	BMC AGGREGATES LC	FAIRBANK	SW 28 T91N R10W			4	4	D	5	
									1-5	
									1-5C	D
									5A-5C	A B C D E
A33020	BMC AGGREGATES LC	YEAROUS	SW 19 T93N R08W			4	4	L	1-10	
									1-10C	D

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
33	FAYETTE	DIST 2 CRUSHED STONE							CONTINUED	
A33024	BMC AGGREGATES LC	WAUCOMA	NW 25 T95N R10W	2.69	3iB	5	5	L	2-5	
									1-TOP 4' BED 5	A B C D E
A33032	BRUENING ROCK PRODUCTS INC	LANDIS	SE 12 T93N R08W			4	4	D	1-5	A B C D E
A33034	BMC AGGREGATES LC	MCDONOUGH	SE 36 T94N R08W						1-3	D
A33036	BMC AGGREGATES LC	GRAHAM-HAWKEYE	SW 6 T94N R09W			4	4	L	1-4	A B C D E
A33038	BMC AGGREGATES LC	PAPE	NE 28 T95N R08W	DWU	3iB	5	5	L	3-5	A B C D E
									1-3	A B C D E
A33040	BMC AGGREGATES LC	SINNOTT	25 T93N R09W							
A33044	BRUENING ROCK PRODUCTS INC	FAYETTE 93	30 T93N R08W						FULL FACE	D
A33046	BMC AGGREGATES LC	HUNT	NE 28 T91N R10W							
A33048	BMC AGGREGATES LC	MEDBERRY	W2 10 T93N R07W							
		SAND AND GRAVEL								
A33506	BMC AGGREGATES LC	ALPHA	NW 3 T94N R10W	2.64		X	4	4		
A33508	SKYLINE MATERIALS LTD	DURSCHER	NW 3 T94N R07W			H		4		
A33510	BMC AGGREGATES LC	RANDALIA	NE 30 T93N R09W	2.64		X	4	4		
A33518	BARD MATERIALS	BASSETT	SE 11 T91N R07W				4	4		
				2.65		X				
A33520	BRUENING ROCK PRODUCTS INC	OELWEIN SAND	NE 9 T91N R09W	2.65		X				
A33522	BRUENING ROCK PRODUCTS INC	PAPE	SE 8 T95N R08W	2.65		X				
A33524	CROELL REDI MIX	ROGERS	4 T94N R07W	2.66		X				
A33528	BMC AGGREGATES LC	KASEMEIER	SE 19 T93N R10W	2.64		X				
34	FLOYD	DIST 2 CRUSHED STONE								
A34002	BRUENING ROCK PRODUCTS INC	CARVILLE-BUNN	SW 23 T95N R15W	2.63	2	4	4	L	1-4	
A34004	BRUENING ROCK PRODUCTS INC	MAXSON	SE 7 T94N R17W	2.68	2	5	5	L	4C-19	A B C D E
				DWU	2	5	5	L	18-25	
						5	5	L	1-17	
A34006	BRUENING ROCK PRODUCTS INC	JOHLAS	SW 7 T94N R15W				5		6-7	
									1-7	D
A34008	BRUENING ROCK PRODUCTS INC	WARNHOLTZ	SW 9 T96N R16W	2.70	3i	5	5	L	1-4	
				2.68	2	4	4	D	17-18	A B C D E
						5	5	L	1-18	
									5-16	D
A34010	BRUENING ROCK PRODUCTS INC	LACOSTA	SE 25 T97N R17W	2.67	3iB	5	5	L	1-6	
						5	5	L	1-8	
						4	4	L	9-14	
A34012	BRUENING ROCK PRODUCTS INC	WILLIAMS	NW 29 T96N R18W							
A34014	BRUENING ROCK PRODUCTS INC	HANNMANN	NE 20 T94N R15W							
A34018	BRUENING ROCK PRODUCTS INC	JONES	N2 26 T97N R17W	2.67	3iB	5	5	L	1-4	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA FA	L2 ROCK B	TYPE BEDS	REVETMENT CLASS	NOTES
34	FLOYD	DIST 2	CRUSHED STONE					CONTINUED		
A34018	BRUENING ROCK PRODUCTS INC	JONES	N2 26 T97N R17W	2.67 DWU	3B 3		L L	2-7 5A-7		
A34020	BRUENING ROCK PRODUCTS INC	JENSEN	SW 25 T94N R16W							
		SAND AND GRAVEL								
A34502	BRUENING ROCK PRODUCTS INC	ROCKFORD	SE 15 T95N R18W	2.68 2.65	2	X H	3 3 4 4			
A34506	BRUENING ROCK PRODUCTS INC	LENT	NE 8 T96N R16W							
A34516	BRUENING ROCK PRODUCTS INC	CEDAR ACRE RESORT	E2 17 T95N R15W	DWU 2.65	2	X H				
A34518	BRUENING ROCK PRODUCTS INC	ENABNIT	NW 21 T94N R17W							
A34520	BRUENING ROCK PRODUCTS INC	FOOTHILL	26 T95N R18W	DWU 2.66	2	X X				
A34522	BRUENING ROCK PRODUCTS INC	ROTTINGHAUS	NE 35 T96N R15W	2.66		X				
35	FRANKLIN	DIST 2	CRUSHED STONE							
A35002	MARTIN MARIETTA AGGREGATES	DOWS	NE 30 T91N R22W				4 4 4 4 4 4 5 5	L L L L	1-4 1-12 7-12 5-6 1-13	A B C D E D
A35016	BRUENING ROCK PRODUCTS INC	AYRES	1 T92N R19W							
		SAND AND GRAVEL								
A35502	SKYLINE MATERIALS LTD	GENEVA	SW 7 T91N R19W	2.68 2.64	2	X H	3 3 4 4			
A35518	STRATFORD GRAVEL INC	REINKE	SW 22 T91N R20W				4 4			
A35520	STRATFORD GRAVEL INC	BRANDT	N2 34 T90N R19W				4 4			
A35522	MARTIN MARIETTA AGGREGATES	MCDOWELL SAND	SE 27 T90N R22W	2.68 2.61	2	X H	4 4			
A35524	HEARTLAND ASPHALT INC	JEST POND	SW 3 T93N R20W							
36	FREMONT	DIST 4	CRUSHED STONE							
A36002	SCHILDBERG CONSTRUCTION CO	THURMAN	NW 23 T70N R43W					18	D	
37	GREENE	DIST 1	SAND AND GRAVEL							
A37504	HALLETT MATERIALS CO	JEFFERSON	SW 4 T83N R31W	2.66 2.64	2	X	4 4			
A37514	ARCADIA LIMESTONE CO	WRIGHT	NW 5 T84N R32W	2.63		X	4 4			
A37520	CENTRAL IOWA READY MIX DBA GREEN COUNTY MATERIALS	GREEN COUNTY MATERIALS	27 T83N R30W	DWU	2					

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT		L2 ROCK TYPE BEDS	REVETMENT CLASS	NOTES
						FA	B			
37	GREENE	DIST 1 SAND AND GRAVEL							CONTINUED	
A37520	CENTRAL IOWA READY MIX DBA GREEN COUNTY MATERIALS	GREEN COUNTY MATERIALS	27 T83N R30W	2.65	X					
A37522	STRATFORD GRAVEL INC	HAUPERT	20 T84N R30W		H					
A37524	STRATFORD GRAVEL INC	DAVIS	30 T82N R29W		H					
A37526	HALLETT MATERIALS CO	JEFFERSON-CLARKE	NE 23 T84N R31W		H					
A37528	STRATFORD GRAVEL INC	MUIR	SW 10 T83N R30W		H					
A37530	BEDROCK GRAVEL CO	BEDROCK #3	SW 02 T83N R31W		H					
A37532	STRATFORD GRAVEL INC	MEARS	13 T84N R30W		H					
38	GRUNDY	DIST 1 SAND AND GRAVEL								
A38504	SKYLINE MATERIALS LTD	HERONIMOUS	SE 35 T88N R17W	2.63	X					
A38506	STRATFORD GRAVEL INC	MEESTER	NE 12 T88N R17W	2.63	X					
39	GUTHRIE	DIST 4 SAND AND GRAVEL								
A39508	HALLETT MATERIALS CO	L & L	NE 33 T78N R31W	2.64	X	4	4			
A39510	HALLETT MATERIALS CO	WILLOW CREEK SAND	SE 22 T81N R32W		H					
40	HAMILTON	DIST 1 CRUSHED STONE								
A40006	MARTIN MARIETTA AGGREGATES	GRANDGEORGE	SE 18 T89N R25W	2.57	3iB	5	5	L	11B-TOP 13' OF 13	
							5		3-5	D
						4	4	L	7-11	
						5	5	L	8-11	
						5	5	L	12	
									7-9	D
									10-13	A B C D E
		SAND AND GRAVEL								
A40512	STRATFORD GRAVEL INC	ANDERSON	12 T87N R26W	DWU	X					
41	HANCOCK	DIST 2 CRUSHED STONE								
A41002	BMC AGGREGATES LC	GARNER NORTH	SE 11 T95N R24W	2.77	3iB	4	4	D	1-4	
				2.77	3iB	4	4	D	6	A B C D E
		SAND AND GRAVEL								
A41504	HANCOCK COUNTY	HUTCHINS	E2 27 T96N R26W		H		4			
A41506	HANCOCK COUNTY	KLEMME	26 T95N R24W		H		4			
A41518	HANCOCK COUNTY	AUSTIN	NE 11 T97N R25W		H					
42	HARDIN	DIST 1 CRUSHED STONE								
A42002	MARTIN MARIETTA AGGREGATES	ALDEN	NW 20 T89N R21W	2.56	3iB	4	4	L	0-3	
				DWU	3iB	4	4	L	3	
				DWU	3	5	5	L	0-1	
									1,3	A B C D E
A42004	GEHRKE QUARRIES INC	GIFFORD	NW 4 T86N R19W						6-8	A B C D E
									10-11	A B C D E

NOTE 1: WHEN BED 2 IS VISUALLY APPARENT, IT SHALL NOT EXCEED A THICKNESS OF ONE FOOT IN FULL-FACE OPERATION

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK B	TYPE BEDS		
42	HARDIN	DIST 1 SAND AND GRAVEL							CONTINUED	
A42512	CTI READY MIX	HARDIN COUNTY AGGREGATES	SW 31 T87N R19W	DWU	X	4	4			
A42532	MARTIN MARIETTA AGGREGATES	H & M FARMS	27 T89N R20W	DWU 2.67	2 X					
43	HARRISON	DIST 4 CRUSHED STONE								
A43002	SCHILDBERG CONSTRUCTION CO	LOGAN	19 T79N R42W			5	5	L	25E	A B C D E
						5	5	L	25C-25E	
							4		26	
									25B-E & 3' BED 26	
A43004	BEDROCK GRAVEL CO	LOGAN	17 T79N R42W			5	5	L	25E	
						5	5	L	25C-25E	
							4		26	
									25B-E & 3' BED 26	
A43512	HALLETT MATERIALS CO	SAND AND GRAVEL WOODBINE-MCCANN	SW 29 T81N R41W	2.68 2.64	3i X	3	3			
44	HENRY	DIST 5 CRUSHED STONE								
A44002	CJ MOYNA & SONS INC	KINNEY	SE 17 T71N R06W							
A44004	DOUDS STONE LLC	MT PLEASANT NORTH	SW 36 T71N R06W						5	2-14
						4	4	L	13	
A44006	HENRY COUNTY	LEEPER	NE 18 T71N R06W	DWU	2	4	4	D	8-11	
A44008	DOUDS STONE LLC	MT PLEASANT	SW 36 T71N R06W			4	4	L	13-14	D E
						5	5	L	9-14	D E
A44502	CESSFORD CONST CO- SE DIV	SAND AND GRAVEL NORTH ROME	SW 29 T72N R07W	2.66	X	4	4			
A44504	IDEAL SAND CO	ENSMINGER-ROME	NW 32 T72N R07W	2.67	X					
A44506	IDEAL SAND CO	COPPOCK SAND	30 T73N R07W	2.65	X					
45	HOWARD	DIST 2 CRUSHED STONE								
A45004	BRUENING ROCK PRODUCTS INC	STINGER	SE 28 T99N R11W							
A45006	BRUENING ROCK PRODUCTS INC	NELSON	NE 33 T99N R13W	2.54	2	4	4	L	1-3	
				2.54	2	4	4	D	8-9	A B C D E
A45008	BRUENING ROCK PRODUCTS INC	DOTZLER	NE 23 T99N R12W	2.50	3	4	4	D	7-10A	A B C D E
A45010	BRUENING ROCK PRODUCTS INC	DALEY	NE 11 T98N R11W	2.59	3	4	4	D	9-11	
									9-10	A B C D E
A45014	FALK L R- CONSTRUCTION CO	O'DONNELL	SE 8 T97N R14W							
A45018	BRUENING ROCK PRODUCTS INC	LE ROY	NW 10 T100NR14W							
A45028	BRUENING ROCK PRODUCTS INC	ELMA	NW 6 T97N R13W	DWU	3	4	4	D	2-3	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT	L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC	HMA	ROCK		
45	HOWARD	DIST 2 CRUSHED STONE						CONTINUED	
A45030	BRUENING ROCK PRODUCTS INC	DIEKEN-TANK	SE 24 T100NR13W						
A45032	SKYLINE MATERIALS LTD	KITCHEN	SE 13 T100NR12W						
A45034	BRUENING ROCK PRODUCTS INC	HOOVER	SE 15 T98N R14W						
		SAND AND GRAVEL							
A45502	BRUENING ROCK PRODUCTS INC	MAPLE LEAF-POTTER	SE 4 T98N R13W			H	4 4		
A45504	SKYLINE MATERIALS LTD	ECKERMAN	NW 33 T100NR11W	DWU 2.65	3	X	4 4		
A45508	SKYLINE MATERIALS LTD	SOVEREIGN	SW 1 T98N R12W	DWU 2.65	3	X	3 3		
A45516	BRUENING ROCK PRODUCTS INC	FREIDERICH	NE 15 T98N R14W	2.67		X	3 3		
A45518	BRUENING ROCK PRODUCTS INC	ELMA	NW 6 T97N R13W	2.67		X			
A45520	BRUENING ROCK PRODUCTS INC	HOOVER	SE 15 T98N R14W	2.66		X			
46	HUMBOLDT	DIST 2 CRUSHED STONE							
A46004	STRATFORD GRAVEL INC	GRIFFITH	SW 24 T91N R30W	DWU DWU	3iB 3		4 4 5 5 4 4	L L L	1-4 6-11 1-6
A46006	MARTIN MARIETTA AGGREGATES	HODGES	NE 32 T92N R28W	2.60 DWU	3i 3i		4 4 5 5	L L	10-18 4-8 4-18
A46012	PRESTON READY MIX CORP	ANDERSON	29 T92N R29W						D
A46014	MARTIN MARIETTA AGGREGATES	PEDERSEN	SW 28 T92N R28W	DWU DWU	3i 2		5 5 5 5 5 5	L L L	17-19 4-16 4-20 17-20
A46016	STRATFORD GRAVEL INC	ERICKSON	30 T91N R28W						
A46018	MARTIN MARIETTA AGGREGATES	MOORE EAST	W2 30 T92N R30W	2.62	3iB		5 5	L	1-3
		SAND AND GRAVEL							A B C D E
A46512	NORTHWEST MATERIALS	WARREN	SW 8 T92N R30W			H	4		
A46516	STRATFORD GRAVEL INC	ERICKSON	SW 30 T91N R28W	2.67		X	3 3		
A46518	MARTIN MARIETTA AGGREGATES	PEDERSEN	SW 28 T92N R28W	DWU 2.66	2	X	4 4		
A46520	HEARTLAND ASPHALT INC	NORTH BRADGATE	SE 6 T92N R30W			H			
47	IDA	DIST 3 SAND AND GRAVEL							
A47502	HALLETT MATERIALS CO	BATTLE CREEK	5 T86N R41W			H	3 3		
A47504	L G EVERIST INC	CROCKER	NW 6 T89N R41W	2.68	3	H			
48	IOWA	DIST 6 SAND AND GRAVEL							
A48506	WENDLING QUARRIES INC	MARENGO	NW 22 T81N R11W	2.66		X			
A48508	MARENGO READY MIX INC	DISTERHOFT	SE 34 T81N R10W	2.64		X			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD	PCC	HMA	ROCK	SpGr		
49	JACKSON	DIST 6 CRUSHED STONE								
A49002	BELLEVUE SAND & GRAVEL CO	BELLEVUE	SW 25 T87N R04E	2.66	3i	4	4	D	1-3	A B C D E
						4	4	D	0-3	
A49004	BELLEVUE SAND & GRAVEL CO	LAMOTT	NW 2 T86N R03E			4	4	D	1-2	A B C D E
A49008	WENDLING QUARRIES INC	IRON HILL	SW 16 T85N R02E	DWU	3i	4	4	D	3-6	A B C D E
						4	4	D	1-6	A B C D E
A49010	WENDLING QUARRIES INC	ANDREW	NW 21 T85N R03E	2.70	3iB	4	4	D	1B -3	
						4	4	D	1-7	
									1B-5B	A B C D E
A49012	WENDLING QUARRIES INC	FROST	SE 16 T84N R03E	DWU	3iB	4	4	D	1A -1D	
						4	4	D	1-2	
									1A-1E	A B C D E
A49016	WENDLING QUARRIES INC	WEIS	SE 22 T85N R04E						7	A B C D E
A49020	WENDLING QUARRIES INC	PRESTON	SW 26 T84N R05E	2.66	3i	4	4	D	7-10	A B C D E
				2.63	3	4	4	D	1-10	D E
A49021	PRESTON READY MIX CORP	PRESTON R/M	SW 26 T84N R05E	2.66	3i	4	4	D	7-10	A B C D E
				2.64	3	4	4	D	1-10	
A49022	WENDLING QUARRIES INC	BELLEVUE	SE 23 T86N R04E			4	4		1B-3	A B C D E
A49024	WENDLING QUARRIES INC	MAQUOKETA EAST	SW 7 T84N R03E	2.61	3i	4	4	D	1-8	A B C D E
				2.70	3i	4	4	D	7-8	
A49030	BELLEVUE SAND & GRAVEL CO	SPRINGBROOK	15 T85N R04E			4	4			
A49040	WENDLING QUARRIES INC	JOINERVILLE-HAMANN	SE 20 T84N R02E			4	4	D	1-3	A B C D E
A49042	WENDLING QUARRIES INC	PETERSON	24 T84N R06E			4	4		1-2	
A49044	WENDLING QUARRIES INC	FRANK	NW 14 T87N R04E							
A49046	WENDLING QUARRIES INC	ROWAN	NE 25 T86N R03E							
A49060	BELLEVUE SAND & GRAVEL CO	ST DONATUS	18 T87N R04E	2.69	3i	4	4	D	2-3	A B C D E
A49062	PRESTON READY MIX CORP	JOHNSON	31 T84N R04E							
A49064	BELLEVUE SAND & GRAVEL CO	VEACH	1 T85N R02E	DWU	3i	4	4	D	1-3	A B C D E
A49066	BELLEVUE SAND & GRAVEL CO	MOREHEAD	NW 13 T85N R01E						1-2	A B C D E
A49068	BELLEVUE SAND & GRAVEL CO	BELLEVUE FARM	SE 25 T87N R04E	2.63	3i	4	4	D	1	
		SAND AND GRAVEL								
A49506	BELLEVUE SAND & GRAVEL CO	BELLEVUE	E2 1 T86N R04E	2.60	3iB	3	3			
				2.68						
A49516	WENDLING QUARRIES INC	TURNER	NE 7 T84N R07E	2.63	3iB	3	3			
				2.66						
A49524	BELLEVUE SAND & GRAVEL CO	GRIEBEL	SE 25 T87N R04E	DWU	3B	4	4			
				2.67						
A49526	BELLEVUE SAND & GRAVEL CO	BELLEVUE FARM	SE 25 T87N R04E	2.64	3iB					

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SpGr	PCC	CA	FA	HMA		
49	JACKSON	DIST 6 SAND AND GRAVEL							CONTINUED	
A49526	BELLEVUE SAND & GRAVEL CO	BELLEVUE FARM	SE 25 T87N R04E	2.67	X					
A49530	WENDLING QUARRIES INC	PETERSON	SW 18 T84N R07E	2.64	3iB	4	4			
				2.66	X					
A49532	WEBER STONE CO INC	IRON HILL	NE 16 T85N R02E	2.65	X					
A49538	WENDLING QUARRIES INC	MAQUOKETA SAND	SE 13 T84N R02E	2.65	X	4	4			
50	JASPER	DIST 1 CRUSHED STONE								
A50002	MARTIN MARIETTA AGGREGATES	SULLY MINE	SE 16 T79N R17W	2.56	3i	4	4	D	36-41 42-47	A B C D E A B C D E
		SAND AND GRAVEL								
A50504	MARTIN MARIETTA AGGREGATES	REASNOR	NE 10 T78N R19W	2.66	X	4	4			
51	JEFFERSON	DIST 5 CRUSHED STONE								
A51006	DOUDS STONE LLC	FAIRFIELD	NE 9 T71N R10W	DWU	3i	4	4	L	CEDAR FORK 10-12 LOWER 4' BED 8 5-8	A B C D E A B C D E A B C D E
52	JOHNSON	DIST 6 CRUSHED STONE								
A52002	WENDLING QUARRIES INC	FOUR CO.	NW 4 T81N R08W			5	5	L	5-9A 9-10	D
A52004	RIVER PRODUCTS CO INC	CONKLIN	NW 33 T80N R06W	2.66	3iB	4	4	L	2-10	A B C D E
				DWU	3i	5	5	L	23-24	
						5	5	L	2-5	
				DWU	3iB	4	4	L	6-10	
						4	4	L	21	A B C D E
						5	5	L	21-22	D
A52006	RIVER PRODUCTS CO INC	KLEIN	NW 2 T79N R07W	2.66	3iB	4	4	L	23	A B C D E
				DWU	3i	5	5	L	2-10 23-24	A B C D E
						5	5	L	2-5	
				2.65	3iB	4	4	L	6-10	
						4	4	L	21	A B C D E
						5	5	L	21-22	D
A52008	RIVER PRODUCTS CO INC	ERNST	SW 20 T80N R05W	DWU	2				23 24	A B C D E
		SAND AND GRAVEL								
A52502	S&G MATERIALS	SHOWERS	NE 27 T79N R06W	2.65	X	4	4			

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVTMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
52	JOHNSON	DIST 6 SAND AND GRAVEL							CONTINUED	
A52506	S&G MATERIALS	BUTLER	SW 33 T79N R06W	DWU	X					
A52508	S&G MATERIALS	WILLIAMS	NW 34 T79N R06W	2.65	X	3	3			
A52510	RIVER PRODUCTS CO INC	RIVERSIDE #2	34 T78N R06W	2.64	X	4	4			
A52512	RIVER PRODUCTS CO INC	RIVERSIDE SAND	27 T78N R06W	DWU	X					
53	JONES	DIST 6 CRUSHED STONE								
A53002	BARD MATERIALS	FARMERS-BEHREND'S	NE 14 T86N R03W	2.62	3i	4	4	D	1-5	A B C D E
						4	4	D	5-7	
				DWU	3	4	4	D	0-5	A B C D E
A53006	WENDLING QUARRIES INC	ANAMOSA	SE 13 T84N R04W	DWU	3i	4	4	D	1-5	
						4	4	D	1-6	
A53010	WENDLING QUARRIES INC	BALLOU-OLIN	NE 24 T83N R03W	2.60	3iB	4	4	D	3	
				DWU	3	4	4	D	2-3	
						4	4	D	1-3	
									FULL FACE	A B C D E
A53014	WEBER STONE CO INC	JACOBS-SCOTCH GROVE	SW 7 T85N R02W						FULL FACE	A B C D E
A53016	WEBER STONE CO INC	STONE CITY	5 T84N R04W	2.45	3i	4	4	D	2B-3A&B	
									1	A B C D E
									3	A B C D E
									2A	A B C D E
A53018	RIVER CITY STONE INC	FINN	NE 6 T85N R01W	DWU	3i	4	4	D	2-5	A B C D E
									4-5	D E
									FULL FACE	D
A53024	RIVER CITY STONE INC	SULLIVAN	NW 14 T86N R03W	DWU	3i	4	4	D	1-5	
									FULL FACE	A B C D E
A53026	ROGERS CONCRETE CONSTRUCTION, INC.	ANAMOSA	SW 15 T84N R04W	DWU	3i	4	4	D	1-2 REEF	
A53030	WENDLING QUARRIES INC	WYOMING NORTH	SW 21 T84N R01W							
		SAND AND GRAVEL								
A53514	WENDLING QUARRIES INC	FLEMING	NE 12 T83N R03W			4	4			
				2.65	X					
A53522	WEBER STONE CO INC	WEBER	SW 6 T84N R04W	2.64	X					
A53526	BARD MATERIALS	STEPHENS	NW 34 T86N R03W			4	4			
				2.65	X					
A53528	WEBER STONE CO INC	ANAMOSA	NE 14 T84N R04W	2.65	X					
A53530	ROGERS CONCRETE CONSTRUCTION, INC.	ANAMOSA-WOOD'S	CT 15 T84N R04W	2.66	X	3	3			
A53532	BARD MATERIALS	LOES	NE 4 T86N R01W	2.65	X					

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES	
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE B E D S			
54	KEOKUK	DIST 5 CRUSHED STONE									
A54002	DOUDS STONE LLC	KESWICK	NW 21 T77N R12W	2.61	2	4	4	D	13-15	A B C D E	1
						4	4	L	8-10		
						4	4	D	13-17		
						4	4	D	13-18		
									13-TOP 4'	D	
									BED 17		
									BED 17	D	
									BTM 21'		
A54004	DOUDS STONE LLC	OLLIE	SW 1 T74N R11W	2.66	3i	4	4	L	13-18	A B C D E	
				2.57	3			L	27-29	A B C D E	1
						4	4	L	13-19		
						4	4	L	27-30		
						4	4	L	30-37	A B C D E	
							5	L	31-33		
									9-12	A B C D E	
									9-13	D	
									9-18	A B C D E	
									19-26	D	
									30-33	D	
A54008	DOUDS STONE LLC	HARPER	SE 11 T76N R11W			4	4	L	15-24		
						4	4	L	32-37	A B C D E	
						4	4	L	38-40	A B C D E	
									13-22	A B C D E	
A54010	DOUDS STONE LLC	LYLE MINE	NW 13 T74N R13W	DWU	3	4	4	L	40	A B C D E	
						4	4	L	36-38	A B C D E	
						4	4	L	36-40		
55	KOSSUTH	DIST 2 SAND AND GRAVEL									
A55506	KOSSUTH COUNTY	WHITTEMORE	NW 16 T95N R30W			H	4	4			
A55508	KOSSUTH COUNTY	IRVINGTON	NW 36 T95N R29W			H		4			
A55518	REDINGS GRAVEL & EXCAVATING CO	REDING	2 T94N R29W			H					
A55534	KOSSUTH COUNTY	MCGUIRE	25 T95N R29W			H	4	4			
56	LEE	DIST 5 CRUSHED STONE									
A56006	CESSFORD CONST CO- SE DIV	ARGYLE	SE 18 T66N R06W			4	4	L	1-17		
						4	4	D	13-17		
								5	4-12		
A56008	CESSFORD CONST CO- SE DIV	DONNELLSON	SE 5 T67N R06W			4	4	L	10-15		
									10-13	A B C D E	
A56012	CESSFORD CONST CO- SE DIV	VINCENNES	NW 19 T66N R06W								

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC	HMA	ROCK	CA			
56	LEE	DIST 5 CRUSHED STONE							CONTINUED		
A56014	CESSFORD CONST CO- SE DIV	BEACH	24 T69N R06W						6-21	A B C D E	
A56016	DOUDS STONE LLC	HERITAGE	26 T69N R04W	DWU	2	4	4	L	21	A B C D E	
						4	4	L	9-11	A B C D E	
							4		9-10		
									6-8		1
									3-5	A B C D E	
A56018	CESSFORD CONST CO- SE DIV	OMG CESSFORD AUGUSTA	NW 25 T69N R04W								
A56020	PNB PROCESSORS LLC	PNB PROCESSORS AUGUSTA	NW 25 T69N R04W						0C	A B C D E	
A56022	CESSFORD CONST CO- SE DIV	VINCENNES SAND PIT QUARRY	SE 32 T66N R06W								
		SAND AND GRAVEL									
A56504	CESSFORD CONST CO- SE DIV	VINCENNES	SE 32 T66N R06W			4	4				
				2.67		X					
A56506	BROCKMAN SAND CO	FT MADISON	SW 11 T67N R05W			4	4				
				2.67		X					
A56508	IDEAL SAND CO	LEE COUNTY S & G	SE 11 T67N R05W	DWU		X					
57	LINN	DIST 6 CRUSHED STONE									
A57002	WENDLING QUARRIES INC	BETENBENDER-COGGON	SW 3 T86N R06W	DWU	3i	4	4	D	8-9		
				DWU	2	4	4	D	8-10		
									1-10	A B C D E	
A57004	WENDLING QUARRIES INC	PLOWER	SE 36 T86N R06W	2.62	3	4	4	D	9-11		
						4	4	D	1-10		
A57006	WENDLING QUARRIES INC	ROBINS	NE 21 T84N R07W	2.57	3i	4	4	L	3		2
									1-3	D	
A57008	WENDLING QUARRIES INC	BOWSER-SPRINGVILLE	SW 29 T84N R05W	DWU	3i	4	4	D	6-7		
				DWU	3i	4	4	D	8-9		
						4	4	D	1-4		
									1-9	A B C D E	
A57010	WENDLING QUARRIES INC	TROY MILLS	SE 9 T86N R07W						1-4	D	
A57014	WENDLING QUARRIES INC	SWEETING	NW 18 T85N R08W						1-4	D	
A57018	MARTIN MARIETTA AGGREGATES	CEDAR RAPIDS	NE 15 T82N R06W	2.60	3i	4	4	D	2-5	A B C D E	
				2.47	3i	4	4	D	6-7	A B C D E	
				DWU	3i	4	4	D	3-5		
A57022	CRAWFORD QUARRY CO	LEE CRAWFORD	NW 23 T83N R08W	2.55	3	4	4	L	8		
									3-7	D	
A57026	WENDLING QUARRIES INC	COOK	NW 10 T86N R07W								
A57028	WENDLING QUARRIES INC	CEDAR RAPIDS SOUTH	NW 7 T82N R07W	DWU	3i	4	4	D	6-7	A B C D E	
NOTE 1: TOP 6' REMOVED FROM BEDS 6 -8											
NOTE 2: 1.25 INCH MAXIMUM TOP SIZE											

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	FA	HMA A	ROCK B		
57	LINN	DIST 6 CRUSHED STONE							CONTINUED	
A57028	WENDLING QUARRIES INC	CEDAR RAPIDS SOUTH	NW 7 T82N R07W						D	
A57030	CJ MOYNA & SONS INC	HENNESSEY	NE 1 T82N R07W	DWU	3		4 4	D		
		SAND AND GRAVEL								
A57520	WENDLING QUARRIES INC	IVANHOE	NW 29 T82N R05W	2.66		X	4 4			
A57528	WENDLING QUARRIES INC	BLAIRSFERRY SAND	SW 26 T84N R08W	DWU	2		3 3			
				2.65		X				
A57530	WENDLING QUARRIES INC	HESS	SW 4 T82N R06W	DWU		X				
A57534	MARTIN MARIETTA AGGREGATES	LINN COUNTY SAND	NE 5 T82N R06W	2.64		X				
58	LOUISA	DIST 5 CRUSHED STONE								
A58002	RIVER PRODUCTS CO INC	COLUMBUS JCT.	NW 3 T74N R05W	2.55	3		4 4	D		
							4 4	D		
							4 4	D		
		SAND AND GRAVEL								
A58504	RIVER PRODUCTS CO INC	FREDONIA A (INLAND) & FREDONIA B (RIVER)	SW 17 T75N R04W				4 4			
				2.66		X				
60	LYON	DIST 3 SAND AND GRAVEL								
A60502	PETTENGILL CONC & GRAVEL INC	ROCK RAPIDS #1	NW 33 T100NR45W	2.69	2		3 3			
				2.67		X				
A60504	PETTENGILL CONC & GRAVEL INC	ROCK RAPIDS #2	NE 9 T99N R45W			H	3 3			
A60510	HALLETT MATERIALS CO	OLSON	NW 21 T99N R48W			H	3 3			
A60518	STENSLAND GRAVEL CO	STENSLAND	S2 17 T99N R48W			H	4 4			
A60530	DUININCK BROS INC	KOOIKER	SE 28 T99N R45W			H				
A60534	DUININCK BROS INC	EGBEO	16 T99N R48W			H	3 3			
A60540	SOUTHERN MN CONST CO INC	KANANGEITER	SE 4 T99N R43W			H				
A60542	KRUSE PAVING INC	EBEN	NW 17 T99N R43W			H				
A60546	HALLETT MATERIALS CO	VANDERBRINK	NW 7 T98N R45W			H	3 3			
A60548	HALLETT MATERIALS CO	O'CONNER	NW 16 T99N R48W			H	3 3			
A60550	HALLETT MATERIALS CO	DENGLER	SW 33 T99N R45W			H				
61	MADISON	DIST 4 CRUSHED STONE								
A61002	SCHILDBERG CONSTRUCTION CO	EARLY CHAPEL-DAGGETT	SW 3 T76N R29W				5 5	L		
							5			
							4			
									15A-15C	
									12	
									14B	A B C D E
									15B-15C	A B C D E

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT	L2	TYPE BEDS	REVETMENT CLASS	NOTES	
				SSD SpGr	PCC CA	HMA FA	ROCK A B				
61	MADISON	DIST 4 CRUSHED STONE						CONTINUED			
A61006	SCHILDBERG CONSTRUCTION CO	92 QUARRY	SW 5 T75N R29W			5	5	15			
A61012	MARTIN MARIETTA AGGREGATES	EAST WINTERSET	SE 27 T76N R27W				5	25			
A61013	SCHILDBERG CONSTRUCTION CO	WINTERSET WEST	SW 28 T76N R27W				5	25E 25B-25C	D E		
A61016	PERU QUARRY	PERU	NE 27 T75N R27W								
A61024	MARTIN MARIETTA AGGREGATES	PENN-DIXIE	SW 32 T76N R27W				5	25 BED 20A TOP 4'	D E		
A61032	MARTIN MARIETTA AGGREGATES	EARLHAM-THRAILKILL	NE 8 T77N R28W				4 5	20 25 TOP 4' BED 20A 25B-25C 20A-20C 25B-25E 25B-25E	D E D A B C D E A B C D E		
A61036	SCHILDBERG CONSTRUCTION CO	MONARCH CEMENT OF IOWA	NE 8 T77N R28W				5	15 A-C	A B C D E		
A61038	SCHILDBERG CONSTRUCTION CO	PITZER	05 T76N R29W			5	5	L 15 B-C	A B C D E		
62	MAHASKA	DIST 5 SAND AND GRAVEL									
A62502	DOUDS STONE LLC	G71	SW 15 T74N R16W	2.67	X						
63	MARION	DIST 5 CRUSHED STONE									
A63002	MARTIN MARIETTA AGGREGATES	DURHAM MINE	NE 8 T75N R18W	2.50 2.59	3i 2	4 4 4 4	4 4 4 4	L L L L	101 88-95 87-95 95-96	D E D E	1
A63010	BRUENING ROCK PRODUCTS INC	S&S	SE 25 T75N R20W	DWU	3	4 4	4 4	L L	31A-32D 25	A B C D E A B C D E	
		SAND AND GRAVEL									
A63502	PELLA CONSTRUCTION CO., LTD	BEAN PROPERTY	NE 2 T75N R18W	2.67	X	4	4				
A63512	MARTIN MARIETTA AGGREGATES	NEW HARVEY	11 T75N R18W	DWU 2.67	3 X						
64	MARSHALL	DIST 1 CRUSHED STONE									
A64002	MARTIN MARIETTA AGGREGATES	FERGUSON	SW 5 T82N R17W	2.65 2.66 DWU 2.66 DWU	3i 3 2 2 2	4 4 4 4 4	4 4 4 4 4	L L L L L	10-21 10-17 8-17 8-21 2-17 1-18 8-9	A B C D E A B C D E	

NOTE 1: BOTTOM 5' ONLY OF BED 95 FOR BEDS 95-96.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A	B		
64	MARSHALL	DIST 1 CRUSHED STONE							CONTINUED	
A64002	MARTIN MARIETTA AGGREGATES	FERGUSON	SW 5 T82N R17W						0-7 1-7 1-9	D A B C D E A B C D E
A64004	CESSFORD CONST CO	LE GRAND	SW 36 T84N R17W	2.58 DWU DWU	3i 2 2	5 4 4 4	5 4 4 4	L L L L	1-7 19B-31 8 1-8 8-32 8-31	A B C D E
A64006	CESSFORD CONST CO	LE GRAND WEST SAND AND GRAVEL	35 T84N R17W							
A64506	STRATFORD GRAVEL INC	BEACH	NW 9 T85N R20W				H			
A64508	MARTIN MARIETTA AGGREGATES	NEW MARSHALLTOWN	SE 32 T84N R17W	DWU			X			
65	MILLS	DIST 4 CRUSHED STONE								
A65006	SCHILDBERG CONSTRUCTION CO	MALVERN	SE 31 T72N R41W						ERVINE CREEK	A B C D E
A65502	AMES CONSTRUCTION	SAND AND GRAVEL PPG BORROW	SE 12 T73N R44W							
66	MITCHELL	DIST 2 CRUSHED STONE								
A66002	FALK L R- CONSTRUCTION CO	DUENOW	SE 8 T99N R17W	2.77 2.68	3iB 3	4 5 4 5 4 4	4 5 4 4 4	D L L D D	5 13 4 6-8 9-10 11-12	A B C D E A B C D E
A66016	FALK L R- CONSTRUCTION CO	LESCH	SW 12 T97N R17W	2.68	3i	5 5 4	5 5 4	L L L	6-7 1-8 9-14	
A66018	FALK L R- CONSTRUCTION CO	DYNES	SW 30 T99N R15W							
A66020	FALK L R- CONSTRUCTION CO	ASPEL	NE 3 T99N R15W							
A66022	FALK L R- CONSTRUCTION CO	WAGNER	NW 29 T98N R16W				4	4	D	5B-7
A66024	FALK L R- CONSTRUCTION CO	GRUNDEL	7 T98N R18W							
A66026	SKYLINE MATERIALS LTD	KOSTER	NE 35 T99N R18W							
A66028	ULLAND BROTHERS INC	WINTERS	SW 23 T99N R16W							
A66502	FALK L R- CONSTRUCTION CO	SAND AND GRAVEL OSAGE-SCHMIDT	NW 1 T97N R17W				4	4		
A66512	FALK L R- CONSTRUCTION CO	KLAAHSEN	SW 36 T99N R18W	2.63			X			
A66514	FALK L R- CONSTRUCTION CO	LOVIK	SW 12 T97N R17W	2.66			X			
				2.65			X			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	DIST	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
					SSD SpGr	PCC CA	HMA FA	ROCK B	TYPE BEDS		
66	MITCHELL	DIST 2	SAND AND GRAVEL							CONTINUED	
A66516	CROELL REDI MIX		BOERJAN	W2 01 T98N R18W	2.62	2					
A66520	FALK L R- CONSTRUCTION CO		LESCH	12 T97N R17W	2.64		X				
					2.65		X				
67	MONONA	DIST 3	SAND AND GRAVEL								
A67502	HALLETT MATERIALS CO		RODNEY	2 T85N R44W	DWU	2		3	3		
					DWU		X				
68	MONROE	DIST 5	CRUSHED STONE								
A68004	DOUDS STONE LLC		EDDYVILLE-SOUTH	SW 2 T73N R16W				4	4	L	6-7
								4	4	L	11-13
69	MONTGOMERY	DIST 4	CRUSHED STONE								
A69002	SCHILDBERG CONSTRUCTION CO		STENNETT	NE 27 T73N R38W				4			16-17
A69006	CRUSHED AGGREGATE PRODUCTS LLC		RED OAK	NW 12 T72N R39W				4			KEREFORD 9
A69504	WESTERN ENGINEERING COMPANY		SAND AND GRAVEL ELLIOT	13 T73N R38W			H	4	4		
70	MUSCATINE	DIST 6	CRUSHED STONE								
A70002	WENDLING QUARRIES INC		MOSCOW	NW 8 T78N R02W	2.66	3i		5	5	L	11-17
					DWU	3iB		4	4	D	21A-21B
					2.67	3iB		4	4	D	21A-24
					DWU	3iB		4	4	D	21C-24
					DWU	3i		4	4	D	28
					DWU	3i		4	4	D	28-29
								5	5	L	8-17
								5	5	L	1-9
A70008	BLACKHEART SLAG		MONTPELIER	SE 11 T77N R01E				2	2		
			SAND AND GRAVEL								
A70504	WENDLING QUARRIES INC		ATALISSA-MCKILLIP	NW 20 T78N R02W	2.66		X	4	4		
					DWU	3					
A70506	CEMSTONE PRODUCTS COMPANY		ACME	SE 22 T76N R02W	2.65		X				
71	O'BRIEN	DIST 3	SAND AND GRAVEL								
A71504	HALLETT MATERIALS CO		RABE PAULLINA	SW 15 T94N R41W				4	4		
					DWU		X				
A71528	O'BRIEN COUNTY		COUNTY	NW 27 T95N R39W			H	4	4		
A71530	HALLETT MATERIALS CO		ROHLIN	14 T97N R42W			H	4	4		
A71534	HALLETT MATERIALS CO		SHELDON/KLEINWALTERINK	CT 16 T97N R42W			H				
A71536	DAVE'S SAND AND GRAVEL INC		PHLOW CREEK	25 T97N R39W	DWU		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
72	OSCEOLA	DIST 3 SAND AND GRAVEL								
A72504	NORTHWEST R/M CONCRETE INC	OCHEYEDAN	SW 14 T99N R40W	2.71	2		3 3			
				2.68		X				
A72506	HALLETT MATERIALS CO	ASHTON	SW 28 T98N R42W	2.69	2					
				2.69		X				
A72520	NORTHWEST R/M CONCRETE INC	OCHEYEDAN NORTH	NE 23 T99N R40W			H	4 4			
A72524	STRATFORD GRAVEL INC	BOERHAVE	SE 21 T98N R42W	DWU		X				
A72528	STRATFORD GRAVEL INC	DIRKS	SW 36 T99N R40W			H				
A72530	NORTHWEST R/M CONCRETE INC	BOYD	NW 36 T99N R40W	2.65	2		3 3			
				2.66		X				
A72532	HENNING AGGREGATE	ENGEL	NW 23 T99N R40W	DWU		X				
A72534	HALLETT MATERIALS CO	ASHTON-SEIVERT	28 T98N R42W	2.68	3		3 3			
				2.63		X				
A72538	NORTHWEST R/M CONCRETE INC	MONEY PIT #1	NW 23 T99N R40W	DWU	3					
				DWU		X				
73	PAGE	DIST 4 CRUSHED STONE								
A73004	SCHILDBERG CONSTRUCTION CO	SHAMBAUGH	SW 20 T67N R36W				4 4	L	4-6	D E
		SAND AND GRAVEL								
A73508	HALLETT MATERIALS CO	SHENANDOAH-CONNELL II	NE 7 T69N R39W	DWU	2					
				2.63		X				
74	PALO ALTO	DIST 3 SAND AND GRAVEL								
A74502	HALLETT MATERIALS CO	EMMETSBURG S&G	36 T96N R33W	2.71	2		3 3			
				2.62		X				
75	PLYMOUTH	DIST 3 SAND AND GRAVEL								
A75502	L G EVERIST INC	AKRON	NW 1 T92N R49W	2.70	3i		3 3			
				2.65		X				
A75503	L G EVERIST INC	AKRON	NE 1 T92N R49W	2.69	2		3 3			
				2.67		X				
A75516	HALLETT MATERIALS CO	BRUNSVILLE	3 T92N R46W			H	4 4			
A75518	HALLETT MATERIALS CO	HINTON	NW 16 T90N R46W	DWU	3	H	3 3			
A75520	HALLETT MATERIALS CO	MERRILL	2 T91N R46W			H	4 4			
A75524	L&M SAND & GRAVEL INC	G DIRKSEN #2	31 T93N R44W	2.65		X				
A75526	L&M SAND & GRAVEL INC	FRITZ DIRKSEN	5 T92N R44W	DWU		X				
76	POCAHONTAS	DIST 3 CRUSHED STONE								
A76004	MARTIN MARIETTA AGGREGATES	MOORE	SW 25 T92N R31W	2.62	3iB		5 5	L	1A-3	A B C D E
							4 4	L	3	
							5 5	L	1B-3	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA FA	L2 ROCK TYPE BEDS	REVETMENT CLASS	NOTES
76	POCAHONTAS	DIST 3	CRUSHED STONE				CONTINUED		
A76004	MARTIN MARIETTA AGGREGATES	MOORE	SW 25 T92N R31W				4 4 L 5 5 L	4-10 4-12	1
		SAND AND GRAVEL							
A76514	REDINGS GRAVEL & EXCAVATING CO	MILLER	12 T93N R31W	DWU	X	4 4			
A76516	STRATFORD GRAVEL INC	JANSSEN	SW 1 T90N R31W		H	5 5			
A76518	STRATFORD GRAVEL INC	BANWART	NW 12 T93N R31W	DWU	X				
77	POLK	DIST 1	SAND AND GRAVEL						
A77504	HALLETT MATERIALS CO	DENNY-JOHNSTON	8 T79N R24W	2.71	2	3 3			
				2.66	X				
A77522	HALLETT MATERIALS CO	EDM #2-VANDALIA	NW 8 T78N R23W	2.69	2	3 3			
				2.64	X				
A77530	HALLETT MATERIALS CO	NORTH DES MOINES WHITE	NE 16 T79N R24W	2.65	2	3 3			
				2.66	X				
A77534	MARTIN MARIETTA AGGREGATES	SAYLORVILLE SAND	9 T79N R24W	2.68	2	3 3			
				2.65	X				
A77536	SAYLORCREEK SAND COMPANY	SAYLORCREEK SAND	3 T79N R24W	2.66	X				
A77538	HALLETT MATERIALS CO	NORTH DES MOINES HOVELAND	15 T79N R24W	2.66	2	3 3			
				2.66	X				
A77540	HALLETT MATERIALS CO	P-HILL EAST	9 T78N R23W						
78	POTTAWATTAMIE	DIST 4	CRUSHED STONE						
A78002	SCHILDBERG CONSTRUCTION CO	CRESCENT	35 T76N R44W			4 4 L 5 5 L 5 5 L 4	25B-25C 25B-25E 25D-25E 26A-26E 20A-20C 27A-27B 16	A B C D E A B C D E D D D	
A78006	SCHILDBERG CONSTRUCTION CO	MACEDONIA	NE 28 T74N R40W						
		SAND AND GRAVEL							
A78504	WESTERN ENGINEERING COMPANY	OAKLAND	SW 23 T75N R40W	2.65	3i	4 4			
				2.65	X				
A78506	SCHILDBERG CONSTRUCTION CO	CRESCENT	NE 34 T76N R44W		H	4 4			
79	POWESHIEK	DIST 1	CRUSHED STONE						
A79002	MARTIN MARIETTA AGGREGATES	MALCOM MINE	SE 4 T80N R15W	2.58	2	4 4 L 4 4 L	10C-13 14-15	A B C D E	
80	RINGGOLD	DIST 4	CRUSHED STONE						
A80002	SCHILDBERG CONSTRUCTION CO	WATTERSON	SE 19 T67N R29W			5	7		

NOTE 1: TYPE A HMA MUST BE THE END PRODUCT FROM CRUSHING +2" MATERIAL FROM BEDS 4-10.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT		L2 ROCK		REVETMENT CLASS	NOTES
						FA	B	A	B		
81	SAC	DIST 3	SAND AND GRAVEL								
A81502	HALLETT MATERIALS CO	SACTON-LAKEVIEW	S2 8 T86N R36W	2.72 2.67	3		3	3			
A81504	HALLETT MATERIALS CO	AUBURN	NW 2 T86N R35W	2.68 2.64	2	X	3	3			
A81506	HALLETT MATERIALS CO	SAC CITY	NW 36 T88N R36W	DWU		X	4	4			
A81514	TIEFENTHALER AG-LIME INC	CARNARVON S&G	NE 16 T86N R36W	2.68 2.66	2		3	3			
A81520	STRATFORD GRAVEL INC	UREN	SE 11 T87N R36W	2.67		X	3	3			
A81522	HALLETT MATERIALS CO	ULMER	SW 28 T87N R35W			H	4	4			
A81528	HALLETT MATERIALS CO	WALL LAKE	NW 18 T86N R36W	2.70 2.67	3						
A81530	HALLETT MATERIALS CO	LEITZ NORTH	SE 29 T87N R35W	DWU		X					
A81534	HALLETT MATERIALS CO	EARLY	SE 22 T89N R37W	2.68		X					
A81536	TIEFENTHALER AG-LIME INC	DAIKER	NE 12 T86N R35W	DWU		X					
A81538	BEDROCK GRAVEL CO	HEIM	SE 12 T86N R35W			H					
A81540	TIEFENTHALER AG-LIME INC	COLBURN	13 T87N R35W			H					
A81542	HALLETT MATERIALS CO	WALL LAKE BOYER	13 T86N R37W	2.70 2.66	3						
A81544	HALLETT MATERIALS CO	ULMER-MEISTER	SE 28 T87N R35W	DWU	2	X					
A81546	BEDROCK GRAVEL CO	MEISTER	SE 07 T86N R36W	DWU DWU	3		4	4			
A81548	STRATFORD GRAVEL INC	PHILLIPS	NW 23 T87N R36W			H					
A81550	MOHR SAND, GRAVEL, & CONST LLC	HOSTENG-HAGGE	1 T87N R36W	DWU		X					
82	SCOTT	DIST 6	CRUSHED STONE								
A82002	RIVERSTONE GROUP INC	MCCAUSLAND (MC39)	W2 17 T80N R04E	DWU DWU	3i 3		4	4	D	17-19 1-16 1-19	
A82004	RIVERSTONE GROUP INC	NEW LIBERTY (MC41)	NE 33 T80N R01E	DWU DWU	3iB 3i		4	4	D	1-2 3-4	A B C D E A B C D E
A82006	RIVERSTONE GROUP INC	LECLAIRE (MC38)	NW 35 T79N R05E	2.71 DWU DWU DWU	3i 3i 3i 3		4	4	D	14-29 28-29 30 2-13 2-32	A B C D E A B C D E A B C D E
A82008	LINWOOD MINING & MINERALS CORP	LINWOOD MINE	SW 13 T77N R02E	2.67	3iB		5	5	L	20-25	
NOTE 1: TOP 32' OF BED 19											
NOTE 2: BEDS 7-9 NOT TO EXCEED 25% OF LIFT WHEN PRODUCING REVETMENT STONE											

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
82 SCOTT DIST 6 CRUSHED STONE				CONTINUED						
A82008	LINWOOD MINING & MINERALS CORP	LINWOOD MINE	SW 13 T77N R02E	2.69 DWU DWU	3iB 3i 3	5 4 5 4	5 4 5 4	L D L L	27-30B 33-41 19 24-25	A B C D E
SAND AND GRAVEL										
A82502	RIVERSTONE GROUP INC	MCCAUSLAND (MC43)	SW 17 T80N R05E	2.66		X	4 4			
83 SHELBY DIST 4 SAND AND GRAVEL										
A83506	HALLETT MATERIALS CO	HARLAN-REINIG	NW 30 T79N R38W	2.65 2.65	3i		X			
A83508	BEDROCK GRAVEL CO	JACKSONVILLE	12 T79N R37W			H				
84 SIOUX DIST 3 SAND AND GRAVEL										
A84502	VALLEY SAND & GRAVEL	VANZEE	NW 20 T97N R46W	2.69 2.67	2	X	3 3			
A84506	C&R GRAVEL INC	HUDSON-OSTERCAMP	SE 7 T96N R47W	DWU 2.69	2	X	3 3			
A84510	L G EVERIST INC	HAWARDEN-NORTH	22 T95N R48W	2.67 2.67	3i	X	3 3			
A84518	STRATFORD GRAVEL INC	VON ARB	SE 15 T94N R44W			H	4 4			
A84520	SIOUX COUNTY	CHATSWORTH	SW 28 T94N R48W			H	4 4			
A84522	HALLETT MATERIALS CO	HYMAN	SW 31 T96N R47W			H	3 3			
A84524	VALLEY SAND & GRAVEL	GROTH	NW 36 T97N R48W			H	3 3			
A84528	L G EVERIST INC	HIGMAN-CHATSWORTH	W2 28 T94N R48W	2.69 DWU	2	X	4 4			
A84532	CLEVERINGA EXCAVATING LLC	LASSON	32 T94N R44W	DWU	2	X	3 3			
A84534	STRATFORD GRAVEL INC	CLEVERINGA	25 T95N R44W			H	3 3			
A84536	VALLEY SAND & GRAVEL	VANBEEK	NE 16 T97N R46W	DWU DWU	3	X	3 3			
A84538	VALLEY SAND & GRAVEL	VAN'T HUL	SE 23 T97N R47W	DWU 2.67	3	X				
85 STORY DIST 1 CRUSHED STONE										
A85006	MARTIN MARIETTA AGGREGATES	AMES MINE	SW 24 T84N R24W	2.69 2.68 DWU	3iB 3iB 3iB	5 5 4 4	5 5 4 4	L L L L	47, 49-50 47 49-50 28-39	A B C D E
SAND AND GRAVEL										
A85510	HALLETT MATERIALS CO	AMES SOUTH	18 T83N R23W	2.66 2.65	2	X	3 3			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA FA	L2 ROCK A	B	TYPE BEDS	REVTMENT CLASS	NOTES
85	STORY	DIST 1 SAND AND GRAVEL							CONTINUED		
A85512	INROADS PAVING & MATERIALS LLC	INROADS AMES SAND SAND & GRAVEL	S2 18 T83N R23W		H	3	3				
86	TAMA	DIST 1 CRUSHED STONE									
A86002	WENDLING QUARRIES INC	MONTOUR	NW 9 T83N R16W	2.61 2.63	3i	5	5	L	1-7 13-20 8-12 8-20	A B C D E D	
		SAND AND GRAVEL									
A86502	WENDLING QUARRIES INC	FLINT	NW 3 T82N R15W	DWU 2.65	3i X	3	3				
88	UNION	DIST 4 CRUSHED STONE									
A88002	SCHILDBERG CONSTRUCTION CO	THAYER	SE 35 T72N R28W					5 5	25A-25E 25E 20B 25B-25E	D A B C D E	
89	VAN BUREN	DIST 5 CRUSHED STONE									
A89002	DOUDS STONE LLC	DOUDS MINE	SE 25 T70N R11W	2.50 DWU	2	4	4	D L	6-13 16-19 5-13	D E	1
A89006	CESSFORD CONST CO	FARMINGTON-COMANCHE	NE 5 T67N R08W	2.69 2.52	3i 2	5	5	L L	3 16-17 18-22 5-12 14-15 18-23	A B C D E D D D	
A89008	DOUDS STONE LLC	SELMA-GARDNER	NW 16 T70N R11W	2.69	3	4	4	L L L L L	11 7-10 7-11 14-21 22-31 14-31 9-10	A B C D E A B C D E A B C D E A B C D E D E	
A89012	CANTERA AGGREGATES	CRANE	NW 20 T70N R11W			4	4	L			2
90	WAPELLO	DIST 5 SAND AND GRAVEL									
A90506	DOUDS STONE LLC	OTTUMWA SAND	5 T71N R13W	2.66	X	3	3				
A90508	GEO TECH MATERIALS	STEVENSON	SE 30 T71N R12W	2.66	X						

NOTE 1: BED 16 ABOVE BRECCIA THROUGH BED 19 BELOW CAP ROCK

NOTE 2: TOP 6' OF BEDS 9-10

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A	B			
90	WAPELLO	DIST 5 SAND AND GRAVEL							CONTINUED		
A90508	GEO TECH MATERIALS	STEVENSON	SE 30 T71N R12W		3						
A90510	DOUDS STONE LLC	CHILLICOTHE	31 T73N R14W	DWU DWU	2						
						X					
92	WASHINGTON	DIST 5 CRUSHED STONE									
A92002	DOUDS STONE LLC	WEST CHESTER	NE 19 T76N R08W	2.64 DWU	3i 3	4 4 4 4	L L	5-7 14-16		A B C D E A B C D E	
A92006	DOUDS STONE LLC	COPPOCK	NE 30 T74N R07W			5 5	L	3-4			
A92008	RIVER PRODUCTS CO INC	PEPPER-KEOTA FIELD	SW 31 T76N R09W					2-20 22-28		D D	
A92014	DOUDS STONE LLC	COPPOCK NORTH	SE 19 T74N R07W			4 4 4 4	L L	29-36 6-8		D A B C D E	
		SAND AND GRAVEL						13			
A92502	RIVER PRODUCTS CO INC	RIVERSIDE	NE 10 T77N R06W	2.65				4 4			
						X					
94	WEBSTER	DIST 1 CRUSHED STONE									
A94002	MARTIN MARIETTA AGGREGATES	FT DODGE MINE	SW 24 T89N R29W	2.64	3iB	4 4	L	36-42		A B C D E	
A94008	STRATFORD GRAVEL INC	BUSKE	SE 36 T90N R29W			5 5	L	1-11			
		SAND AND GRAVEL									
A94502	NORTHWEST MATERIALS	YATES	SW 1 T89N R29W	2.63				4 4			
					X						
A94522	AUTOMATED S&G	CROFT	NW 14 T89N R29W	2.65							
A94526	STRATFORD GRAVEL INC	BUSKE	SE 36 T90N R29W			3 3					
					X						
A94528	STRATFORD GRAVEL INC	CONDON	NW 19 T90N R30W				H				
A94530	AUTOMATED S&G	RASCH	10 T89N R29W				H				
A94532	STRATFORD GRAVEL INC	REIGELSBERGER	NE 01 T89N R29W	2.67		4 4	X				
					X						
96	WINNESHIEK	DIST 2 CRUSHED STONE									
A96002	SKYLINE MATERIALS LTD	KENDALLVILLE	NE 33 T100NR10W	2.68	3B	4 4	L	3-7 1-7			
								2-9		A B C D E	
A96004	SKYLINE MATERIALS LTD	HOVEY	SW 28 T98N R08W	2.64	3B	4 4	L	1-4			
						4 4	L	1-6			
						4 4	L	5-6			
								2-6		A B C D E	
A96005	BRUENING ROCK PRODUCTS INC	MCGEE	NW 19 T99N R10W								
A96007	BRUENING ROCK PRODUCTS INC	JACKSON	NE 31 T96N R10W								

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD	PCC	HMA	ROCK				
				SpGr	CA	FA	A	B			
96	WINNESHIEK	DIST 2 CRUSHED STONE							CONTINUED		
A96011	BRUENING ROCK PRODUCTS INC	GJETLEY	NE 08 T98N R07W	2.72	3iB		4	4	D	1-3	
A96015	BRUENING ROCK PRODUCTS INC	MARTIN	SW 18 T96N R09W				5	5	L	1-3	
A96017	BRUENING ROCK PRODUCTS INC	SKYLINE B	CT 10 T98N R08W	2.63	3B		5	5	L	1-3	
							4	4	L	4-8	
							4	4	L	4-11	A B C D E
A96019	SKYLINE MATERIALS LTD	ENGELHARDT	NW 33 T98N R10W								
A96021	BRUENING ROCK PRODUCTS INC	QUANDAHL	23 T99N R08W								
A96040	SKYLINE MATERIALS LTD	LOCUST	NE 11 T99N R08W								
A96046	BRUENING ROCK PRODUCTS INC	SERSLAND-SMORSTAD	SE 9 T97N R07W								
A96048	BMC AGGREGATES LC	LOVE #1	NW 30 T96N R10W							1-10	D
A96049	BMC AGGREGATES LC	LOVE #2	SW 30 T96N R10W				5	5	L	1-10	D
A96050	BRUENING ROCK PRODUCTS INC	BULLERMAN-FESTINA	SE 14 T96N R09W							4	
A96052	SKYLINE MATERIALS LTD	ESTREM	SW 4 T97N R07W	2.62	3i		5	5	L	1-3	
							5	5	L	2-4	
										1-8	
										2-8	A B C D E
A96054	SKYLINE MATERIALS LTD	HORSESHOE BEND	SW 20 T97N R09W								
A96060	SKYLINE MATERIALS LTD	BURR OAK	SE 23 T100NR09W				4	4			
										3-5	A B C D E
A96064	BRUENING ROCK PRODUCTS INC	STIKA	NW 15 T97N R10W	2.57	3i		4	4	L	1-4A	
							4	4	D	1-8B	
										5A-8B	A B C D E
A96072	BRUENING ROCK PRODUCTS INC	MCKENNA NORTH	SW 34 T100NR09W								
A96078	BRUENING ROCK PRODUCTS INC	BUSTA	NW 30 T96N R10W								
A96090	BRUENING ROCK PRODUCTS INC	MCKENNA SOUTH	SE 28 T99N R09W	2.62	3iB		5	5	L	1-5	
							4	4	L	6A-7	A B C D E
A96094	SKYLINE MATERIALS LTD	CAROLAN	SE 27 T99N R09W								
		SAND AND GRAVEL									
A96502	SKYLINE MATERIALS LTD	DECORAH	NE 22 T98N R08W				4	4			
				2.63							
A96506	SKYLINE MATERIALS LTD	FREEPORT	NE 7 T98N R07W	2.65					X		
A96520	SKYLINE MATERIALS LTD	SWEDES BOTTOM	NE 6 T98N R08W	2.63					X	4	4
A96522	BRUENING ROCK PRODUCTS INC	WOHLSEORS	NW 17 T98N R10W						H		
A96526	BRUENING ROCK PRODUCTS INC	STIKA	NW 15 T97N R10W						X		
A96528	BRUENING ROCK PRODUCTS INC	GJETLEY	NE 8 T98N R07W	2.65					X	4	4
A96530	SKYLINE MATERIALS LTD	CARLSON-FREEPORT	NE 13 T98N R08W	2.63					X		
A96532	BRUENING ROCK PRODUCTS INC	SCHMITT	NE 34 T96N R09W	2.66					X	3	3
97	WOODBURY	DIST 3 SAND AND GRAVEL									
A97502	HALLETT MATERIALS CO	CORRECTIONVILLE-BUCK	NW 13 T89N R42W		DWU		3			3	3

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES	
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS			
97	WOODBURY	DIST 3 SAND AND GRAVEL							CONTINUED		
A97502	HALLETT MATERIALS CO	CORRECTIONVILLE-BUCK	NW 13 T89N R42W	DWU		X					
A97510	HALLETT MATERIALS CO	CORRECTIONVILLE-COCKBURN	SE 11 T88N R43W			H	3	3			
A97516	HALLETT MATERIALS CO	ANTHON	5 T87N R43W	2.72	3		3	3			
				2.67		X					
A97518	HALLETT MATERIALS CO	SMITHLAND	35 T86N R44W	2.69	3		3	3			
				2.67		X					
A97520	BEDROCK GRAVEL CO	CORRECTIONVILLE-BRESIE	1 T88N R43W			H	4	4			
A97528	HALLETT MATERIALS CO	EDWARDS	SE 23 T89N R42W	DWU		X					
A97530	NELSTAR	NELSTAR	14 T88N R43W			H					
A97532	STRATFORD GRAVEL INC	CREASEY	SE 09 T89N R44W	DWU		X					
A97534	HALLETT MATERIALS CO	ANTHON-TRUITT	05 T87N R43W			H					
A97538	HALLETT MATERIALS CO	ANTHON-WRIGHT	NE 28 T88N R43W	DWU	3						
				2.65		X					
98	WORTH	DIST 2 CRUSHED STONE									
A98010	BMC AGGREGATES LC	FERTILE	SW 36 T98N R22W	2.73	3B		4	4	D	15-20	A B C D E
				DWU	2				D	15-29	
				DWU	2		4	4	D	21-29	
							4	4	D	5-20	
							4	4	D	15-23	
								4	D	5-10	
								4	D	5-14	
A98014	FALK L R- CONSTRUCTION CO	STEVENS	NW 1 T98N R20W	DWU	3		4	4	L	4-7	A B C D E
				2.77	3		4	4	L	8-11B	A B C D E
				2.73	3		4	4	L	4-11B	A B C D E
							5			1-3	
A98016	ULLAND BROTHERS INC	EMIL OLSON-BOLTON	SW 10 T99N R20W	DWU	3i		5	5	L	1	
				2.75	2		4	4	L	2-5A	
							4	4	D	3-5B	
							4	4	L	3-7	
								5		1-7	
										2-5B	A B C D E
A98020	FALKSTONE LLC	TRENHAILE	SE 9 T99N R20W	DWU	3		5	5	L	1	
				DWU	2		4	4	D	2A1	
				DWU	2		4	4	D	2A2	A B C D E
				DWU	2		4	4	D	2A1-2A2	A B C D E
							4	4	D	2B-3	
										2B1-3	A C D E
							4	4	D	4-7	A B C D E

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
98	WORTH	DIST 2 CRUSHED STONE							CONTINUED	
A98020	FALKSTONE LLC	TRENHAILE	SE 9 T99N R20W						2B1-7	A C D E
		SAND AND GRAVEL								
A98502	FALKSTONE LLC	RANDALL TRANSIT MIX	NW 31 T100NR20W	DWU 2.66	2	X	4	4		
A98504	BMC AGGREGATES LC	FERTILE	NW 36 T98N R22W	DWU 2.63	2	X	3	3		
A98518	FALK L R- CONSTRUCTION CO	COOPER	NE 12 T98N R20W			H		4		
A98522	ULLAND BROTHERS INC	EMIL OLSON-BOLTON	SW 10 T99N R20W			H				
A98524	FALKSTONE LLC	TRENHAILE	NE 09 T99N R20W	2.64		X				
A98526	FALK L R- CONSTRUCTION CO	MOUW	SE 31 T100NR20W			H				
99	WRIGHT	DIST 2 CRUSHED STONE								
A99002	MARTIN MARIETTA AGGREGATES	VOSS	36 T90N R26W	2.59	3i		4	4	L	8
								5		3-7
A99004	STRATFORD GRAVEL INC	LESHER	SE 26 T90N R26W							A B C D E
		SAND AND GRAVEL								
A99502	WRIGHT MATERIALS CO	WRIGHT	NW 12 T93N R24W	2.65 2.63	3	X	3	3		
A99506	STRATFORD GRAVEL INC	LESHER	SE 26 T90N R26W			H	4	4		
A99510	STRATFORD GRAVEL INC	MEINEKE	NE 14 T90N R23W				4	4		
				2.65		X				
A99514	MARTIN MARIETTA AGGREGATES	VOSS	36 T90N R26W			H				
A99518	STRATFORD GRAVEL INC	REICHTER	SE 6 T92N R26W			H				
A99520	STRATFORD GRAVEL INC	DENNIS PETERSON	NE 15 T90N R23W			H				
A99522	STRATFORD GRAVEL INC	LOUX	SW 10 T91N R23W			H				
A99524	WRIGHT MATERIALS CO	STECHEER	13 T93N R23W	2.63		X				
IL	ILLINOIS	DIST 5 CRUSHED STONE								
AIL002	CESSFORD CONST CO	BIGGSVILLE-HENDERSON CO	17 T10N R04W							6-8
AIL014	CESSFORD CONST CO	DALLAS CITY-HENDERSON CO	SW 36 T08N R07W	DWU	3i		4	4	L	5A-6
								4	L	2-3
							5	5	L	8-10
										5-6
AIL020	GRAY QUARRIES INC	HAMILTON-HANCOCK CO	NE 31 T05N R08W	2.65	3		4	4	L	2
				DWU	3		4	4	L	4
				DWU	2		5	5		7
AIL046	BLUFF CITY MINERALS LLC	BLUFF CITY MINERALS-MADISON CO	11 T05N R10W	DWU	2				L	1-7
NOTE 1: AASHTO 57 GRADATION MAXIMUM										

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	TYPE BEDS	REVETMENT CLASS	NOTES
				SSD SpGr	PCC	CA	FA	A			
IL	ILLINOIS	DIST 5 SAND AND GRAVEL							CONTINUED		
AIL526	BLUFF CITY MINERALS LLC	BLUFF CITY SAND-MADISON CO	14 T05N R10W	2.64					X		
		DIST 6 CRUSHED STONE									
AIL006	RIVERSTONE GROUP INC	MIDWAY (MC45)-ROCK ISLAND CO	SW 16 T18N R02E	DWU	3iB	4	4	D	1-5		
				DWU	3i	4	4	D	6		
									1-6	A B C D E	
AIL010	RIVERSTONE GROUP INC	ALLIED (MC30)-ROCK ISLAND CO	14 T17N R02W	DWU	3i	4	4	D	18	A B C D E	
				2.72	3i	4	4	L	16-17	A B C D E	
				2.69	3	5	5	L	7-13	A B C D E	
									14	A B C D E	
AIL016	RIVERSTONE GROUP INC	CLEVELAND (MC31)-HENRY CO	SW 31 T17N R02E	DWU	3i	4	4	D	5,6,7,8		1
									1-4	A B C D E	
									5	A B C D E	
									6	A B C D E	
									7	A B C D E	
									8	A B C D E	
AIL028	WENDLING QUARRIES INC	TURNBAUGH-MT CARROLL-CARROLL CO	SW 10 T24N R04E	DWU	3	4	4	D	3-7	A B C D E	
AIL042	MILL CREEK MINING	SAVANNA-CARROLL CO	SE 13 T24N R03E								
AIL048	MILL CREEK MINING	MILL CREEK MINING-ROCK ISLAND	25 T17N R02W								
		SAND AND GRAVEL									
AIL522	RIVERSTONE GROUP INC	CORDOVA INLAND (MC17)-ROCK ISLAND CO	7 T20N R02W	DWU	3iB						
				DWU		X					
KS	KANSAS	DIST 4 SAND AND GRAVEL									
AKS504	HOLLIDAY SAND & GRAVEL CO	FRISBIE- PLANT #3-JOHNSON CO	32 T11S R23E	2.63					X		2
AKS506	BUILDERS CHOICE AGGREGATES	OAKLAND SAND PLANT-SHAWNEE	23 T11S R16E	DWU					X		3
AKS508	BUILDERS CHOICE AGGREGATES	SILVER LAKE SAND PLANT-SHAWNEE	20 T11S R15E	DWU					X		3
MN	MINNESOTA	DIST 2 CRUSHED STONE									
AMN004	MILESTONE MATERIALS	POOL HILL-HOUSTON CO	SW 33 T101NR04W	DWU	3i	4	4	D	1-8	A B C D E	
AMN006	SKYLINE MATERIALS LTD	OTTERNESS-FILLMORE CO	E2 11 T101NR08W	2.75	3i	4	4	D	1-2		
AMN008	NEW ULM QUARTZITE QUARRY	QUARTZITE-NICOLLET CO	SW 35 T110NR30W	2.63	3i	2	2		BED 1		
AMN010	MARTIN MARIETTA AGGREGATES	ST CLOUD-GRANITE-STEARNS CO	19 T124NR28W	DWU	3	2	2		FULL FACE		
AMN014	SKYLINE MATERIALS LTD	BIG SPRINGS-FILLMORE CO	SW 9 T101NR10W				4		1-6		
AMN018	ULLAND BROTHERS INC	GRAND MEADOW-MOWER CO	NE 9 T103NR14W								
AMN030	MILESTONE MATERIALS	GENGLER-HOUSTON CO	SW 16 T102NR05W	DWU	3B	4	4	D	1-2		
									1-4	A B C D E	

NOTE 1: LEDGES 2-10 APPROVED FOR CLASS 3I CONCRETE STONE. LEDGE 2 = BED 5, LEDGES 3-9 = BEDS 6-7, AND LEDGE 10= BED 8.

NOTE 2: FOR PRESTRESS AND PRECAST APPLICATIONS ONLY

NOTE 3: FOR PRECAST PCC ONLY

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT	L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B		
MN	MINNESOTA	DIST 2 CRUSHED STONE						CONTINUED	
AMN034	MILESTONE MATERIALS	ENGRAV-HOUSTON CO	NE 24 T101NR08W	DWU	3i	4 4	D	1A-2B	A B C D E
AMN044	MILESTONE MATERIALS	BIESANZ-WINONA CO	SW 19 T107NR07W	DWU	3i	4 4	D	1-2	
AMN046	MILESTONE MATERIALS	43 QUARRY-WINONA CO	NW 16 T106NR07W	DWU	3i	4 4	D	1-2	
AMN052	MILESTONE MATERIALS	ABNET-HOUSTON CO	SW 2 T104NR05W	DWU	3i	4 4	D	4-5	
				DWU	3	4 4	D	1-3	
		SAND AND GRAVEL							
AMN504	BRUENING ROCK PRODUCTS INC	NEW ALBIN-HOUSTON CO	9 T101NR04W			H 4 4			
AMN516	ULLAND BROTHERS INC	OLSON-FREEBORN CO	NW 31 T102NR20W	DWU		X 4 4			
AMN518	SKYLINE MATERIALS LTD	LANESBORO-FILLMORE CO	SE 7 T104NR10W	DWU		X			
AMN522	AGGREGATE INDUSTRIES	PRAIRIE ISLAND #3-GOODHUE CO	23 T114NR15W	DWU	2	X			1
AMN524	AGGREGATE INDUSTRIES	HASTINGS #2-DAKOTA CO	2 T114NR17W			H			
AMN532	ULLAND BROTHERS INC	LARSON-FREEBORN CO	25 T102NR21W			H			
AMN536	AGGREGATE INDUSTRIES	ELK RIVER-SHERBURNE CO	9 T33N R26W	DWU	3i				
				DWU		X			
AMN538	ULLAND BROTHERS INC	SHADE-MOWER CO	NW 4 T101NR18W	DWU		X			
AMN544	AGGREGATE INDUSTRIES	LAKEVILLE-DAKOTA CO	06 T114NR19W	DWU	2	X			1
AMN546	M.R. PAVING & EXCAVATION	WALLNER-BROWN CO	NW 24 T110NR30W			HL			2
AMN548	CEMSTONE PRODUCTS COMPANY	HENDERSON-SIBLEY CO	23 T113NR26W	DWU	2	H			
AMN550	DAKOTA AGGREGATES	SACHS-DAKOTA CO	W2 24 T114NR19W	DWU	3i	3 3			
				DWU		X			
AMN552	EUREKA SAND AND GRAVEL INC	WINDMILL-DAKOTA CO	12 T113NR20W	DWU		X			
AMN554	ANNANDALE ROCK PRODUCTS	ANNENDALE-WRIGHT CO	35 T121NR28W	DWU		X			
AMN558	AGGREGATE INDUSTRIES	ST CROIX-CHISAGO CO	SW 21 T33N R19W	DWU	2	3 3			
				DWU		X			
AMN560	DAKOTA AGGREGATES	ROSEMOUNT-DAKOTA CO	NE 33 T115NR19W	DWU	3	X 3 3			
AMN564	MIDWEST ASPHALT CORPORATION	HASTINGS-MAR FARMS-DAKOTA CO	SE 11 T114NR17W	DWU	3	H 3 3			
AMN566	BARTON SAND & GRAVEL CO	ELK RIVER-SHERBURNE CO	10 T33N R26W	DWU	3i	3 3			
				DWU		X			
AMN568	AGGREGATE INDUSTRIES	EMPIRE-DAKOTA CO	E2 5 T114NR19W	DWU	3	X 3 3			
AMN570	WINONA AGGREGATE	WINONA AGGREGATE-WINONA CO	18 T107NR07W	DWU	3i	3 3			
AMN572	GROUND ZERO SERVICES	KUESTER #3-NICOLLETT CO	NE 15 T109NR29W	DWU		X			
		DIST 3 CRUSHED STONE							
AMN026	L G EVERIST INC	BIG STONE-BIG STONE CO	26 T121NR46W	DWU	3i	2 2			
AMN032	SOUTHERN MN CONST CO INC	COTTONWOOD-COTTONWOOD CO	SE 8 T107NR35W	DWU	3i	2 2		BED 1	A B C D E 3
AMN042	DUININCK BROS INC	SCOTT-ROCK CO	14 T104NR45W	DWU	3i	2 2			

NOTE 1: SAND IS LIMITED TO PRECAST ONLY
 NOTE 2: APPROVED FOR CLASS L FINE AGGREGATE.
 NOTE 3: BED 1 IS THE ENTIRE FACE.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK B	TYPE BEDS		
MN MINNESOTA		DIST 3 CRUSHED STONE							CONTINUED	
AMN048	RED ROCK QUARRY	RED ROCK-COTTONWOOD CO	12 T107NR36W			2	2			
AMN050	L G EVERIST INC	JASPER STONE-ROCK CO	NE 6 T104NR46W					ENTIRE LEDGE	A B C D E	
AMN054	HARDROCK AGGREGATE	HARDROCK-ROCK CO	NW 23 T104NR45W	DWU	3i	2	2	1	A B C D E	
		SAND AND GRAVEL								
AMN508	SOUTHERN MN CONST CO INC	HANSON-JACKSON CO	NE 34 T101NR34W							
AMN528	HANCOCK CONCRETE CO	POPE-POPE CO	NW 8 T125NR37W	DWU	2		H	4 4		1
AMN540	DUININCK BROS INC	SCOTT-ROCK CO	21 T104NR44W				X			
AMN562	NORTHERN CON-AGG, LLP	LUVERNE-ROCK CO	1 T102NR45W	DWU			X			
AMN574	HENNING AGGREGATE	LINDEMANN SOUTH-NOBLES CO	SW 35 T101NR42W	DWU			X			
AMN576	HENNING AGGREGATE	TILSTRA-ROCK CO	SW 36 T101NR45W	DWU	3i	X		4 4		
		SAND & GRAVEL								
MO MISSOURI		DIST 4 CRUSHED STONE								
AMO032	SCHILDBERG CONSTRUCTION CO	GRAHAM-NODAWAY CO	NW 36 T63N R37W					4 4	L	1-4
AMO040	S&A CONSTRUCTION LTD	SOUTH ALLENDALE-WORTH CO	SW 17 T65N R30W							CAPTAIN CREEK
AMO048	NORRIS QUARRIES LLC	BREIT-ANDREW CO	28 T59N R35W							
AMO060	MARTIN MARIETTA - KC DISTRICT	RANDOLPH MINE-CLAY CO	3 T50N R32W	2.68	3i				L	1-4
		SAND AND GRAVEL								
AMO520	PIERCE SAND	STANBERRY-GENTRY CO	15 T63N R32W	2.65		X				
AMO522	PIERCE SAND	GUILFORD-NODAWAY CO	17 T62N R34W			H				
		DIST 5 CRUSHED STONE								
AMO002	L&W QUARRIES INC	KAHOKA-CLARK CO	NE 17 T65N R07W	DWU	2			4 4	L	2A-3B
AMO012	NORRIS QUARRIES LLC	DR. JEFFERIES-HARRISON CO	NW 3 T66N R26W					4 4	L	14-16
AMO018	NORRIS QUARRIES LLC	ROUTE C-DAVISS CO	NE 30 T61N R28W					5 5	L	25C-25E
AMO020	SWAN LAND IMPROVEMENT OF MO LLC	RIDGEWAY-HARRISON CO	NE 1 T64N R27W					5 5	L	25C-25D
AMO022	IRON MOUNTAIN TRAPROCK CO	IRON MT-ST FRANCIS CO	NW 31 T35N R04E	DWU	3i					D E
AMO024	CENTRAL STONE CO#1	HUNTINGTON-RALLS CO	NE 17 T56N R06W	2.68	3i			3 3	L	2-5
AMO030	KNOX COUNTY STONE CO	EDINA-KNOX CO	NE 25 T62N R12W	2.68	3			4 4	L	6-9
AMO044	CENTRAL STONE CO#1	NEW LONDON-RALLS CO	NE 24 T56N R05W					4 4	L	6-11
AMO046	NORRIS QUARRIES LLC	BETHANY-HARRISON CO	SW 1 T63N R28W					4 4	L	1-9
								4 4	L	10-17
								4 4	L	20A-20C

NOTE 1: FOR CONCRETE PIPE PLANT ONLY

NOTE 2: CLASS 2 PCC APPROVAL FOR STRUCTURES ONLY.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD	DUR PCC	FRICT		L2 ROCK	TYPE BEDS	REVETMENT CLASS	NOTES
						CA	FA				
MO	MISSOURI	DIST 5 CRUSHED STONE							CONTINUED		
AMO046	NORRIS QUARRIES LLC	BETHANY-HARRISON CO	SW 1 T63N R28W					5 5 L	25A-25E		1
AMO050	NORRIS QUARRIES LLC	PRINCETON-MERCER CO	N2 3 T64N R24W					4 4 L	20A-20C		
								5 5 L	25A-25E 20A	A B C D E	
AMO054	CENTRAL STONE CO#1	BUTLER HILL-ST FRANCIS CO	05 T34N R06E					2 2			2
AMO056	NORRIS QUARRIES LLC	TRENTON-GRUNDY CO	24 T61N R25W								
AMO058	TRAP ROCK & GRANITE QUARRIES LLC	PIT #3-IRON CO	SE 12 T35N R03E	DWU	3i						
		SAND AND GRAVEL									
AMO502	IDEAL SAND CO	WAYLAND-CLARK CO	SW 21 T65N R06W					3 3			
				2.66	X						
AMO516	STONER SAND	MOUNT MORIAH-HARRISON CO	12 T64N R26W	2.65	X						
AMO518	CENTRAL STONE CO#1	TAYLOR-MARION CO	NW 1 T59N R06W		H						
AMO524	CENTRAL STONE CO#1	CS61 LAGRANGE S&G-LEWIS CO	13 T60N R06W	DWU	X						
NE	NEBRASKA	DIST 3 SAND AND GRAVEL									
ANE538	HANK STALP GRAVEL CO	WEST POINT-CUMING CO	SE 28 T22N R06E	2.64	X						
		DIST 4 CRUSHED STONE									
ANE002	MARTIN MARIETTA AGGREGATES	WEeping WATER MINE-CASS CO	3 T10N R11E	2.68	3iB	5 5 L			10A-10B	D E	
				2.68	3iB	5 5 L			9-10B	D E	3
				2.68	3	5 5 L			9-10B	D E	4
				2.68	2	5 5 L			9-10B	D E	5
						5 5 L			9-10A&B		
ANE010	MARTIN MARIETTA AGGREGATES	FT CALHOUN-WASHINGTON CO	SE 1 T17N R12E	2.64	3iB	5 5 L			5-6		
				2.64	3iB	5 5 L			1-TOP 5' BED 4		
						4 4 L			25B-25C	D	
						5 5 L			25B-25E	A B C D E	
						5 5 L			25E		
									20A-20C	A B C D E	
									26A-26E	A B C D E	
ANE012	MARTIN MARIETTA AGGREGATES	SPRINGFIELD-SARPY CO	28 T13N R12E								

NOTE 1: LESS THE TOP 4' OF BEDS 25A-25E

NOTE 2: RHYOLITE PIT #1 AND GRANITE PIT #2 ARE BOTH FRICTION TYPE 2

NOTE 3: IF THE COARSE AGGREGATE DOES NOT EXCEED 45% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX AND BED 9 IS LESS THAN 4' THICK AT THE TIME OF PRODUCTION, BED 9 CAN BE INCORPORATED WITH BEDS 10A&B, WITH A DURABILITY CLASS OF 3iB.

NOTE 4: IF THE COARSE AGGREGATE DOES NOT EXCEED 50% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX AND BED 9 IS LESS THAN 4' THICK AT THE TIME OF PRODUCTION, BED 9 CAN BE INCORPORATED WITH BEDS 10A&B, WITH A DURABILITY CLASS OF 3.

NOTE 5: IF THE COARSE AGGREGATE EXCEEDS 50% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX AND BED 9 IS LESS THAN 4' THICK AT THE TIME OF PRODUCTION, BED 9 CAN BE INCORPORATED WITH BEDS 10A&B, WITH A DURABILITY CLASS OF 2.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC	CA	FA	HMA A		
NE NEBRASKA		DIST 4	CLASS V AGGREGATE FOR CONC						CONTINUED	
ANE504	LYMAN-RICHEY SAND & GRAVEL	WATERLOO #40-DOUGLAS CO	SE 19 T15N R10E	2.62	3			4 4		
				2.62		X				
ANE544	MALLARD SAND & GRAVEL	VALLEY-DOUGLAS CO	NE 6 T15N R10E	2.62	3			4 4		
				2.62		X				
ANE548	MARTIN MARIETTA AGGREGATES	WEST CENTER SAND-DOUGLAS CO	32 T15N R10E	2.62	3			4 4		
				2.62		X				
ANE552	MARTIN MARIETTA AGGREGATES	WATERLOO SAND-DOUGLAS CO	SW 08 T15N R10E	2.62	3					
				2.62		X				
ANE560	LYMAN-RICHEY SAND & GRAVEL	PLANT #47-DODGE CO	06 T17N R09E	2.62	3			4 4		
				2.62		X				
ANE564	MARTIN MARIETTA AGGREGATES	NORTH VALLEY SAND-DOUGLAS CO	15 T16N R09E	2.62	3			4 4		
				2.62		X				
ANE566	LYMAN-RICHEY SAND & GRAVEL	PLANT #52-SARPY CO	S2 9 T13N R10W	2.62	3			4 4		
				2.62		X				
SD SOUTH DAKOTA		DIST 3	CRUSHED STONE							
ASD002	L G EVERIST INC	DELL RAPIDS-MINNEHAHA CO	SW 10 T104NR49W	2.64	3iB			2 2	ENTIRE LEDGE	A B C D E
ASD004	CONCRETE MATERIALS CO	SIOUX FALLS QUARTZITE-MINNEHAHA CO	13 T101NR50W	2.64	3iB			2 2	1	A B C D E
ASD006	L G EVERIST INC	EAST SIOUX-MINNEHAHA CO	SE 27 T101NR48W	DWU	3i			2 2	1-2B	A B C D E
				DWU	3i			2 2	4	A B C D E
								2 2	3	
ASD008	SPENCER QUARRIES	SPENCER-HANSON CO	24 T103NR57W		3iB			2 2	BED 1	1
			SAND AND GRAVEL							
ASD502	BOYER SAND & ROCK INC	BOYER-UNION CO	10 T95N R48W	DWU	2	H		4 4		
ASD508	CONCRETE MATERIALS CO	CANTON-LINCOLN CO	17 T89N R48W					4 4		
				2.68		X				
ASD518	MYRL & ROYS PAVING INC	MCVAY-LINCOLN CO	SE 17 T98N R48W			H		3 3		
ASD520	BOYER SAND & ROCK INC	BOYER NORTH-UNION CO	NE 1 T95N R48W			H		3 3		
ASD522	L G EVERIST INC	BROOKINGS-BROOKINGS CO	S2 31 T110NR49W	DWU		X				
ASD526	CONCRETE MATERIALS CO	CORSON-MINNEHAHA CO	23 T102NR48W	DWU	2	X				
ASD528	L G EVERIST INC	EAST SIOUX-MINNEHAHA CO	SE 27 T101NR48W	DWU		X				
ASD530	KNIFE RIVER MIDWEST, LLC	SANDBULTE-UNION CO	01 T95N R48W							
WI WISCONSIN		DIST 2	CRUSHED STONE							
AWI022	MILESTONE MATERIALS	KINGS BLUFF-LA CROSSE CO	NE 25 T18N R08W	DWU	3			4 4	D	1-4
				DWU	2			5 5	D	1-5

NOTE 1: FOR PRECAST ONLY.

NOTE 2: BED 1- TOP 16' OF BED 5

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		L2	REVETMENT CLASS	NOTES
				SSD SpGr	PCC CA	HMA FA	ROCK A B	TYPE BEDS		
WI	WISCONSIN	DIST 2	CRUSHED STONE						CONTINUED	
AWI036	MILESTONE MATERIALS	TORK-WOOD CO	NW 1 T22N R05E							
AWI038	ROCKY MOUNTAIN ENTERPRISES	ATHENS-MARATHON CO	SE 24 T30N R04E	DWU	3i		2 2			
AWI040	MILESTONE MATERIALS	JACKSON COUNTY IRON MINE-JACKSON CO	22 T21N R03W				2 2			
AWI042	MILESTONE MATERIALS	MERRILLAN-CLARK CO	SW 13 T23N R03W				2 2			
AWI044	PRAIRIE SAND & GRAVEL	SLAMA-CRAWFORD CO	17 T07N R06W	DWU	3i		4 4	D	3-8A	
AWI046	COUNTY MATERIALS CORPORATION	HAHN-VERNON CO	13 T13N R06W	DWU	3		4 4	D	2-4	
		SAND AND GRAVEL								
AWI502	PRAIRIE SAND & GRAVEL	PRAIRIE DU CHIEN-CRAWFORD CO	24 T07N R07W	2.67	3i	X	4 4			
AWI506	PRAIRIE SAND & GRAVEL	KRAMER-CRAWFORD CO	NE 12 T07N R07W				3 3			
				2.68		X				
AWI508	PRAIRIE SAND & GRAVEL	BARN-CRAWFORD CO	SE 12 T07N R07W	2.69		X				
AWI512	MILESTONE MATERIALS	GIBBS-EAU CLAIRE CO	NE 25 T25N R09W			H				
AWI514	HOLST EXCAVATING	HAGER CITY-PIERCE CO	NE 33 T25N R18W	DWU	3i		3 3			
						XL				1
AWI516	MILESTONE MATERIALS	SCHEER-TREMPEALEAU CO	19 T18N R08W	DWU		X				
AWI522	COUNTY MATERIALS CORPORATION	RIB FALLS PLANT-MARATHON CO	NE 16 T29N R05W	DWU		X				
AWI524	COUNTY MATERIALS CORPORATION	HAEF-TREMPEALEAU CO	NE 19 T18N R08W	DWU	3i		3 3			1
				2.66		XL				
AWI526	HAAS & SONS	MILAS-CLARK CO	NW 3 T29N R03W	DWU		X				
AWI528	MILESTONE MATERIALS	NELSON-COLUMBIA CO	NW 12 T13N R06E	DWU	3					
						X				
AWI530	COUNTY MATERIALS CORPORATION	TOWNLINE-ROCK CO	NE 1 T01N R12E							
		DIST 6	CRUSHED STONE							
AWI004	MILESTONE MATERIALS	ROCK SPRINGS-SAUK CO	SW 28 T12N R05E				2 2			
AWI030	BARD MATERIALS	HAVERLAND-GRANT CO	NW 26 T02N R02W	DWU	3i		4 4	D	1-3	
AWI048	MILESTONE MATERIALS	HOGAN-GRANT CO	23 T01N R02W							
		SAND AND GRAVEL								
AWI504	BARD MATERIALS	VOGT-GRANT CO	17 T90N R03E	2.67	3i		3 3			
				2.67		X				

NOTE 1: APPROVED FOR L CONCRETE MIXES

**APPROVED PRODUCERS
WITH QC PROGRAMS**

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
A				
AGGREGATE INDUSTRIES	2915 WATERS ROAD STE 105	EAGAN, MN 55121	(651) 683-0600	
ALEXANDRIA GRAVEL PRODUCT, LLC	PO BOX 38	ALEXANDRIA, MN 56308	(320) 762-5620	
AMES CONSTRUCTION	2500 COUNTY RD 42W	BURNSVILLE, MN 55306	(952) 435-7106	
ANDERSON AGGREGATES	PO BOX 628	HUMBOLDT, IA 50548	(515) 890-1743	
ANDERSON SAND AND GRAVEL CO	2578 270TH AVE	DEWITT, IA 52742	(563) 659-5506	
ARCADIA LIMESTONE CO	19011 CRYSTAL AVENUE	ARCADIA, IA 51430	(712) 689-2299	
B				
BARD MATERIALS	2021 325TH AVENUE	DYERSVILLE, IA 52040	(563) 875-7145	(563) 875-7860 (FAX)
BARTON SAND & GRAVEL CO	7200 HEMLOCK LANE N	MAPLE GROVE, MN 55369	(763) 425-4191	
BD CONSTRUCTION SERVICES LLC	P O BOX 1134	SPENCER, IA 51301	(712) 363-1499	
BEDROCK GRAVEL CO	1002 HWY 59 S	SCHLESWIG, IA 51461	(712) 676-3752	
BELCO OF NEBRASKA INC	2826 SOUTH AVE	COUNCIL BLUFFS, IA 51503	(712) 322-8501	(712) 322-8526 (FAX)
BELLEVUE SAND & GRAVEL CO	29427 HWY 52	BELLEVUE, IA 52031	(563) 872-3886	
BENTONS SAND & GRAVEL	905 CENTER STREET	CEDAR FALLS, IA 50613	(319) 266-2621	(319) 266-5926 (FAX)
BLACKHEART SLAG	5401 VICTORIA AVE SUITE 110	DAVENPORT, IA 52807	(563) 359-8251	
BLENDED EQUIPMENT SOLUTIONS	108 5TH AVE SW	ALTOONA, IA 50009	(515) 393-9631	
BLUFF CITY MINERALS LLC	4007 COLLEGE AVENUE	ALTON, IL 62002	(314) 315-7478	
BLUFF CITY SAND	658 W. BROADWAY	ALTON, IL 62002	(314) 713-8876	
BMC AGGREGATES LC	101 BMC DRIVE	ELK RUN HEIGHTS, IA 50707	(319) 235-6583	(319) 235-7065 (FAX)
BOON CONSTRUCTION CO	N 5399 STATE HWY 73	NEILLSVILLE, WI 54456	(715) 743-4262	
BOYER SAND & ROCK INC	4162 BIRCH AVENUE	HAWARDEN, IA 51023	(712) 552-2308	
BRIDGEPORT MATERIALS	2241 PORT NEAL ROAD	SERGEANT BLUFF, IA 51054	(712) 253-8449	
BROCKMAN SAND CO	2397 263RD AVE P.O. BOX 312	FORT MADISON, IA 52627	(319) 372-7138	
BRUENING ROCK PRODUCTS INC	325 WASHINGTON STREET P.O. BOX 127	DECORAH, IA 52101	(563) 382-2933	(563) 382-8375 (FAX)
BUILDERS CHOICE AGGREGATES	6721 NW 17TH ST	TOPEKA, KS 66618	(785) 233-7263	
BUSHMAN EXCAVATING INC	600 FAIRFAX ROAD	FAIRFAX, IA 52228	(319) 551-8092	
C				
C&R GRAVEL INC	3864 Cheery Ave.	Hudson, SD 57034	(712) 541-2130	
CANTERA AGGREGATES	1847 100TH STREET	CORYDON, IA 50060	(641) 872-2800	
CAP, LLC	3150 RUSTIN STREET	SIOUX CITY, IA 51105	(402) 925-8011	
CARNARVON SAND & GRAVEL	811 N. 10TH ST	DENISON, IA 51442	(712) 263-3582	
CAVE CRUSHING INC	5139 B AVE	MARCUS, IA 51035	(712) 261-0565	
CEMSTONE PRODUCTS COMPANY	2025 CENTRE POINTE BOULEVARD SUITE 300	MENDOTA HEIGHTS, MN 55120	(651) 688-9292	

**APPROVED PRODUCERS
WITH QC PROGRAMS**

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
C Continued				
CENTRAL IOWA READY MIX DBA GREEN COUNTY MATERIALS	5550 NE 22ND STREET	DESMOINES, IA 50313	(515)266-5173	
CENTRAL STONE CO#1	RR 1 P.O. BOX 236	HANNIBAL, MO 63401-9622	(573)735-4525	
CESSFORD CONST CO	2320 ZELLER AVENUE	LE GRAND, IA 50142	(641)479-2435	(641)479-2003 (FAX)
CESSFORD CONST CO- SE DIV	3808 OLD HWY 61	BURLINGTON, IA 52601	(319)753-2297	(319)753-0926 (FAX)
CJ MATERIALS INC	14849 LYNDON ROAD	MORRISON, IL 61270	(815)772-7181	
CJ MOYNA & SONS INC	24412 HWY 13	ELKADER, IA 52043	(563)245-1442	
CLEVERINGA EXCAVATING LLC	4451 KENNEDY AVE	ALTON, IA 51003	(712)737-4763	
COHRS CONSTRUCTION INC	15700 NORTH TRADEWIND DR	SPIRIT LAKE, IA 51360	(712)832-3714	
CON-STRUCT, INC.	305 S. DAYTON AVE.	AMES, IA 50010	(515)232-6443	
CONCRETE INC	1710 EAST MAIN STREET	MARSHALLTOWN, IA 50158	(641)752-3696	
CONCRETE MATERIALS CO	1201 WEST RUSSELL	SIOUX FALLS, SD 57104	(605)357-6000	
CONCRETE TECHNOLOGIES INC	1001 SE 37TH ST	GRIMES, IA 50111	(515)240-9433	
CONRECO INC	4901 G STREET	OMAHA, NE 68117	(402)733-4100	(402)733-5774 (FAX)
CORELL RECYCLING	200 SOUTH 13TH STREET	WEST DES MOINES, IA 50265	(515)223-8010	
COUNTY MATERIALS CORPORATION	205 NORTH ST. POB 100	MARATHON, WI 54448	(715)848-1365	
CRAWFORD QUARRY CO	HWY 94 NW P.O. BOX 1027	CEDAR RAPIDS, IA 52046	(319)396-5705	
CROELL REDI MIX	POB 430	NEW HAMPTON, IA 50659	(641)394-3770	
CRUSHED AGGREGATE PRODUCTS LLC	2325 S. 27TH AVE	OMAHA, NE 68105	402-345-9723	
CTI READY MIX	1001 SE 37TH ST	GRIMES, IA 50111	(515)276-9567	
D				
DAVE'S SAND AND GRAVEL INC	1070 330TH STREET	EVERLY, IA 51338	(712)834-2515	
DELONG RECYCLING, INC	1320 N 8TH AVENUE PO BOX 488	WASHINGTON, IA 52353	(319)653-3334	
DES MOINES ASPHALT & PAVING	5109 NW BEAVER DRIVE	JOHNSTON, IA 50131	(515)262-8296	
DOUDS STONE LLC	13133 ANGLE RD SUITE B P.O. BOX 187	OTTUMWA, IA 52501	(641)683-1671	(641)683-1673 (FAX)
DUININCK BROS INC	408 6TH ST P.O. BOX 208	PRINSEBURG, MN 56281	(320)978-6011	
E				
ELDER CORPORATION	5088 EAST UNIVERSITY AVE	PLEASANT HILL, IA 50327	(515)266-3111	
F				
FALK L R- CONSTRUCTION CO	227 W 4TH STREET P.O. BOX 189	ST ANSGAR, IA 50472-0189	(641)713-4569	
FALKSTONE LLC	227 W 4TH STREET P.O. BOX 189	ST ANSGAR, IA 50472-0189	(641)713-4569	
FLOYD RIVER MATERIALS	32138 HICKORY AVE	SIOUX CITY, IA 51101	(712)233-1111	
FORT DODGE ASPHALT CO	2516 7TH AVENUE SOUTH	FORT DODGE, IA 50501	(515)573-3124	

**APPROVED PRODUCERS
WITH QC PROGRAMS**

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
G				
GEHRKE QUARRIES INC	P. O. BOX 521	ELDORA, IA 50627	(641)858-3821	(641)858-2564 (FAX)
GEO TECH MATERIALS	13091 EAGLE DRIVE	DOUDS, IA 52551	(641)799-1235	
GIZA CONTRACTING	1739 COMMERCE RD	CRESTON, IA 50801	641-782-8820	
GRAY QUARRIES INC	P. O. BOX 386	HAMILTON, IL 62341	(217)847-2712	
GREENE COUNTY REDI MIX DBA HAMILTON REDI MIX	1295 ORCHARD AVE	JEFFERSON, IA 50129	(515)370-2066	
GRIMES ASPHALT & PAVING	5550 NE 22ND ST.	DES MOINES, IA 50313	(515)986-3649	
GROUND ZERO SERVICES	308 FOURTH ST	COURTLAND, MN 56021	(507)354-3973	
H				
HALLETT MATERIALS CO	2401 SE TONES DRIVE SUITE 13	ANKENY, IA 50021	(515)266-9928	(515)263-3878 (FAX)
HANCOCK CONCRETE PRODUCTS, LLC	17 ATLANTIC AVENUE	HANCOCK, MN 56244	(320)392-5207	(320)392-5155 (FAX)
HANK STALP GRAVEL CO	1598 RIVER ROAD	WEST POINT, NE 68788	(402)372-5491	(402)372-5477 (FAX)
HARDROCK AGGREGATE	1338 221ST STREET	HARDWICK, MN 56134	(612)655-1504	
HAWKEYE PAVING CORPORATION	801 42ND STREET S	BETTENDORF, IA 52722	(563)355-6834	
HEARTLAND ASPHALT INC	2601 SOUTH FEDERAL AVE	MASON CITY, IA 50401	(641)424-1733	
HEIMES EXCAVATING & UTIL CO	9144 SOUTH 147TH ST	OMAHA, NE 68138	(402)894-1000	
HENNING AGGREGATE	201 LOUISIANA AVE	ADRIAN, MN 56110	(612)655-1504	
I				
IDEAL SAND CO	3902 MT PLEASANT ST P.O. BOX 416	WEST BURLINGTON, IA 52655	(319)754-4747	
INROADS PAVING & MATERIALS LLC	4224 HUBBELL AVE STE 1	DES MOINES, IA 50317	(515)348-8148	
IOWA DRAINAGE INC	703 E. GILMAN ST P.O. BOX 7	SHEFFIELD, IA 50475	(641)892-4330	
IRON MOUNTAIN TRAPROCK CO	1325 HIGHWAY N	IRONTON, MO 63650	(314)223-0830	
J				
JB HOLLAND CONSTRUCTION INC	2092 HWY 9 WEST	DECORAH, IA 52101	(563)382-2901	
K				
KINNEY & SONS EXCAVATING AND GRADING INC.	1105 W. Washington St. Suite 102	Mt. Pleasant, IA 52641		
KNIFE RIVER MIDWEST, LLC	2220 HAWKEYE DRIVE	SIOUX CITY, IA 51104	(712)252-2766	
KNOPIK SAND & GRAVEL INC	1574 375TH AVE	ESTHERVILLE, IA 51334	(712)362-4231	
KOSSUTH COUNTY	114 W. STATE ST.	ALGONA, IA 50511	(515)295-3320	
L				
L G EVERIST INC	300 S. PHILLIPS AVE SUITE 200	SIOUX FALLS, SD 57117	(605)334-5000	

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
L Continued				
L&M SAND & GRAVEL INC	426 2ND AVE NE	LE MARS, IA 51031	(712)546-5359	
L&W QUARRIES INC	P. O. BOX 335	CENTERVILLE, IA 52544	(641)437-4830	(641)437-4837 (FAX)
LA HARV CONST CO INC	P. O. BOX 267	FOREST CITY, IA 50436	(641)581-3643	
LANGMAN CONSTRUCTION, INC.	220-34TH AVENUE	ROCK ISLAND, IL 61201	(309)786-8944	
LEGACY MATERIALS	35740 UTE COURT	BOONEVILLE, IA 50038	515)336-2245	
LESSARD CONTRACTING INC	P. O. BOX 705	SERGEANT BLUFF, IA 51054	(712)252-4131	
LIBERTY READY MIX	3921 121ST ST	URBANDALE, IA 50323	(515)278-4807	
LINWOOD MINING & MINERALS CORP	5401 VICTORIA AVE SUITE 110	DAVENPORT, IA 52807	(563)359-8251	(563)344-3730 (FAX)
LOUNSBURY LANDSCAPING	6000 RACCOON RIVER DR	WEST DES MOINES, IA 50266	(515)225-7100	
LUNDELL CONSTRUCTION CO, INC	1420 EAST RICHLAND ST	STORM LAKE, IA 50588	(712)732-4059	
LYMAN-RICHEY SAND & GRAVEL	4315 CUMING STREET	OMAHA, NE 68131	(402)558-2727	
M				
MALLARD SAND & GRAVEL	P. O. BOX 638	VALLEY, NE 68064	(402)359-5287	
MANATTS INC	1755 OLD 6 ROAD P.O. BOX 535	BROOKLYN, IA 52211	(641)522-9206	(641)522-9407 (FAX)
MANATTS SAND & GRAVEL	1928 340TH STREET P.O. BOX 87	TAMA, IA 52339	(641)484-4022	
MARENGO READY MIX INC	P. O. BOX 121	MARENGO, IA 52301-0121	(319)642-3811	
MARK ALBENESIUS, INC.	608 152ND STREET	SOUTH SIOUX CITY, NE 68776	(402)494-2815	(402)494-2873 (FAX)
MARTIN MARIETTA - KC DISTRICT	7381 W. 133RD STREET - SUITE 401	OVERLAND PARK, KS 66213	(816)452-1219	
MARTIN MARIETTA AGGREGATES	11252 AURORA AVE	DES MOINES, IA 50322	(515)254-0030	(515)254-0035 (FAX)
MASHUDA CONTRACTORS, INC	POB 16	PRINCETON, WI 54968	(920)295-3329	
MAXIM TRUCKING INC	902 WEST 8TH STREET	PELLA, IA 50219	(641)780-2050	
MCCARTHY IMPROVEMENT COMPANY	5401 VICTORIA AVENUE	DAVENPORT, IA 52807	(563)529-6084	
MELLER EXCAVATING & ASPHALT , INC.	3321 190TH ST	FORT MADISON, IA 52627	(319)372-7410	
MIELKES QUARRY	13303 SPOOK CAVE RD	MCGREGOR, IA 52157	(563)539-4227	
MILESTONE MATERIALS	920 10TH AVE NORTH P.O. BOX 189	ONALASKA, WI 54650	(608)783-6411	(608)783-4311 (FAX)
MILL CREEK MINING	510 10TH AVE EAST	MILAN, IL 61264	(309)787-1414	
MILLER MATERIALS	3303 JOHN DEERE ROAD	SILVIS, IL 61282	(563)529-5060	
MOBILE CRUSHING & RECYCLING, INC.	2663 OSCEOLA AVENUE	OTHO, IA 50569	(515)576-8080	
MOHR SAND, GRAVEL, & CONST LLC	P.O. BOX 232 104 ASH STREET	LOHRVILLE, IA 51453	(712)210-7078	
MONEY PIT LLC	6340 180TH ST	OCHEYEDAN, IA 51354	(712)758-3729	
MURPHY HEAVY CONTRACTING CORP	101 ROOSEVELT ST	ANITA, IA 50020	(712)762-3386	(712)762-4197 (FAX)
MYRL & ROYS PAVING INC	1300 NORTH BAHNSON AVE	SIOUX FALLS, SD 57103	(605)334-3204	(605)334-0468 (FAX)
N				
NELSTAR	210 WALNUT	MERIDEN, IA 51037	(712)443-8832	

**APPROVED PRODUCERS
WITH QC PROGRAMS**

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
N Continued				
NEW ULM QUARTZITE QUARRY	ROUTE 5 P.O. BOX 21	NEW ULM, MN 56073	(507)354-2925	(507)359-7870 (FAX)
NORRIS QUARRIES LLC	219 3RD ST P.O. BOX 190	CAMERON, MO 64429	(816)324-0310	
NORTH IA SAND & GRAVEL INC	18237 KILLDEER AVE	MASON CITY, IA 50401	(641)424-5591	(641)423-1894 (FAX)
NORTHERN CON-AGG, LLP	1450 131ST STREET	LUVERNE, MN 56156	(507)283-2124	
NORTHWEST MATERIALS	16 NORTH TAFT ST P.O. BOX 632	HUMBOLDT, IA 50548	(515)332-4208	(515)332-3653 (FAX)
NORTHWEST R/M CONCRETE INC	6340 180TH ST	OCHEYEDAN, IA 51354	(712)758-3683	
NSG, LLC	2935 HIGHWAY 18	DICKENS, IA 51333	(712)836-2345	
NU AGGREGATES	300 NORKA DRIVE	AKRON, IA 51001	(712)568-2181	
P				
PARR CONTRACTING, LLC	11329 State Hwy 141	Mapleton, IA 51034	(712)870-4856	
PATRICK M PINNEY CONTRACTORS, INC	1915 FLOYD BLVD P.O. BOX 5107	SIOUX CITY, IA 51102	(712)252-2774	
PATTISON SAND COMPANY LLC	701 1ST ST	CLAYTON, IA 52049	(563)964-2984	
PBI CONSTRUCTION	4953 D AVE	MARCUS, IA 51035	(712)376-4886	
PELLA CONSTRUCTION CO., LTD	P. O. BOX 25	PELLA, IA 50219	(641)628-3840	
PERFORMANCE GRADING LLC	1404 - 800TH ST	HARLAN, IA 51537	(402)682-2464	
PERU QUARRY	2587 265TH ST	PERU, IA 50222	(515)468-0315	
PETERSON CONTRACTORS INC	104 BLACKHAWK P.O. BOX A	REINBECK, IA 50669	(319)345-2713	
PETTENGILL CONC & GRAVEL INC	800 NORTH BOONE	ROCK RAPIDS, IA 51246	(712)472-2571	
PIERCE SAND	220 S. OAK	STANBERRY, MO 64489	(660)562-8645	
PNB PROCESSORS LLC	P.O. BOX 80	DENMARK, IA 52624	(319)470-0050	
PORTZEN CONSTRUCTION	205 Stone Valley Drive	Dubuque, ia 52003	(563)542-3574	
PRAIRIE SAND & GRAVEL	P. O. BOX 210	PRAIRIE DU CHIEN, WI 53821	(608)326-6471	
PRESTON READY MIX CORP	P. O. BOX 399	PRESTON, IA 52069	(563)689-3381	
Q				
QBQ INDUSTRIES, LLC	2577 SOUTH AVE	COUNCIL BLUFFS, IA 51503	(608)314-4868	
R				
RAINBOW QUARRY LLC	800 VOLNEY RD	MONONA, IA 52159	(563)535-7606	
RECYCLED AGGREGATE PROD CO	2131 18TH STREET	SIOUX CITY, IA 51105	(712)252-7732	
RED ROCK QUARRY	12226 KNOX AVE	SANBORN, MN 56083	(507)648-3382	
REDINGS GRAVEL & EXCAVATING CO	2001 EAST OAK STREET	ALGONA, IA 50511	(515)295-3661	
REILLY CONSTRUCTION CO	110 MAIN STREET P.O. BOX 99	OSSIAN, IA 52161	(563)532-9211	(563)532-9759 (FAX)
RIEHM CONSTRUCTION CO INC	2340 9TH ST SW	WAUKON, IA 52172	(563)568-3314	

**APPROVED PRODUCERS
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PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
R Continued				
RIVER CITY STONE INC	3747 CONSTRUCTORS COURT P.O. BOX 160	KEILER, WI 53812-0160	(608)568-3433	
RIVER PRODUCTS CO INC	3273 DUBUQUE ST NE P.O. BOX 2120	IOWA CITY, IA 52244-2120	(319)338-1184	(319)353-6606 (FAX)
RIVERSTONE GROUP INC	1701 5TH AVE	MOLINE, IL 61265	(309)757-8250	(309)757-8257 (FAX)
ROCK HARD CONCRETE RECYCLING INC	214 E MAIN ST PO BOX 217	WEST BRANCH, IA 52358	(319)631-3903	
ROCKY MOUNTAIN ENTERPRISES	6515 COUNTY HIGHWAY H	ATHENS, WI 54411	(715)257-1440	(715)257-1140 (FAX)
ROGERS CONCRETE CONSTRUCTION, INC.	22802 COUNTY RD E-34	ANAMOSA, IA 52205	(319)462-4290	
S				
S&A CONSTRUCTION LTD	P. O. BOX 20	ALLENDALE, MO 64420	(660)786-2233	
S&G MATERIALS	4213 SAND ROAD SE	IOWA CITY, IA 52240	(319)354-1667	
SAYLORCREEK SAND COMPANY	1600 NW 66TH AVE	DES MOINES, IA 50313	(515)289-1850	
SCHILDBERG CONSTRUCTION CO	P. O. BOX 358	GREENFIELD, IA 50849	(641)743-2131	
SCHMILLEN CONST INC	4772 C AVE	MARCUS, IA 51035-0488	(712)376-2249	
SEAN NEGUS CONSTRUCTION LLC	11828 N 34TH AVE	OMAHA, NE 68112	(402)740-5320	
SHIPLEY CONTRACTING	2671 240TH STREET	FORT MADISON, IA 52625	(319)372-1804	
SIEH SAND & GRAVEL	101 WEST 18TH STREET P.O. BOX 1503	SPENCER, IA 51301	(712)836-2244	(712)262-4580
SKYLINE MATERIALS LTD	325 WASHINGTON STREET POB 127	DECORAH, IA 52101	(563)382-2933	(563)382-8375 (FAX)
SPENCER QUARRIES	25341 430TH AVE	SPENCER, SD 57374	(605)246-2344	
SPI, INC	5424 1/2 S.Lewis Blvd.	Sioux City, IA 51106	(712)540-1177	
STENSLAND GRAVEL CO	1741 ASHLEY AVE	LARCHWOOD, IA 51241	(712)477-2280	
STERZINGER CRUSHING INC	3273 290TH AVE	TAUNTON, MN 56291	(507)872-6547	
STONER SAND	33463 EAST 250TH	RIDGEWAY, MO 64481	(660)824-4211	
STRATFORD GRAVEL INC	600 HIGHWAY 175 PO BOX 229	STRATFORD, IA 50249	(515)838-2475	
STRONG ROCK & GRAVEL	721 SOUTH FRONT ST	LANSING, IA 52151	(563)880-8150	
SWAIN CONSTRUCTION INC.	6002 NORTH 89TH CIRCLE	OMAHA, NE 68134	(402)571-1110	
SWAN LAND IMPROVEMENT OF MO LLC	28542 E 230TH PLACE	RIDGEWAY, MO 64481	(660)872-6221	
SWAN ROCK & SAND PRODUCTS LLC	27453 210TH AVE P.O. BOX 111	CINCINNATI, IA 52549	(641)658-2474	
T				
TIEFENTHALER AG-LIME INC	11975 HAWTHORNE AVE P. O. BOX 157	BREDA, IA 51436	(712)673-2686	
TRAP ROCK & GRANITE QUARRIES LLC	11313 HWY N	IRONTON, MO 63650	(573)546-4016	
TRI STAR QUARRIES	11278 474TH ST	PLANO, IA 52581	(641)649-2666	
TUBE CITY IMS CORP	1500 WEST 3RD STREET	WILTON, IA 52778	(563)732-4010	
U				
ULLAND BROTHERS INC	2400 MYERS ROAD	ALBERT LEE, MN 56007	(507)373-1960	(507)433-1819

**APPROVED PRODUCERS
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PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE	PHONE 2
U Continued				
UNITED CONTRACTORS, INC	3101 SW BROOKSIDE DRIVE	GRIMES, IA 50111	(515) 669-6897	
V				
VALLEY CONSTRUCTION COMPANY	3610 78TH AVENUE WEST	ROCK ISLAND, IL 61201	(309) 787-0209	
VALLEY SAND & GRAVEL	POB 9	ROCK VALLEY, IA 51247	(712) 476-2063	
W				
WEATHERTON CONTRACTING CO., INC.	307 N 16TH STREET P.O. BOX 151	BERESFORD, SD 57004	(605) 763-2078	
WEBER STONE CO INC	12791 STONE CITY ROAD	ANAMOSA, IA 52205	(319) 462-3581	(319) 462-3585 (FAX)
WEDEKING PIT & PLANT INC.	13810 253RD AVE	SPIRIT LAKE, IA 51360	(712) 336-2981	
WENDLING QUARRIES INC	P. O. BOX 230	DEWITT, IA 52742	(563) 659-9181	(563) 659-3393 (FAX)
WEST DES MOINES SAND CO	3888 WALNUT WOODS DR	DES MOINES, IA 50265	(515) 287-2340	
WESTERN ENGINEERING COMPANY	P. O. BOX 350	HARLAN, IA 51537	(712) 755-5191	
WINONA AGGREGATE	6930 WEST 5TH STREET	MINNESOTA CITY, MN 55987	(507) 454-2913	
WRIGHT MATERIALS CO	1127 HWY 69 P. O. BOX 244	BELMOND, IA 50421	(641) 444-3920	