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.

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.

When aggregates of friction Type 1 through Type 4 are specified for construction, a source approval including bed limitations is required for each project. 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 granites. 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 all L2 asphalt mixtures, pipestone and sandstone in quartzite may not exceed 1 percent. For all other asphalt mixtures, pipestone and sandstone in quartzite may not exceed 5 percent

Type 3: Natural aggregates in this class are crushed traprocks, and/or 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.

SOURCE LISTINGS - Explanation

NOTE: - number indicates additional source restrictions (bottom of page)
L=limestone and D=dolomite, defines rock type for L2 surface mix designs

Bed numbers shown for PCC aggregate are those on the formal source approval letter. Beds shown for HMA sources are those which have been used or have potential for use and are of the designated friction 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 - Used to identify sources on test requests and for data storage (A-number).

Specific Gravity
DWU-Determine When Used by Iowa DOT

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
29	DES MOINES DIST 5	CRUSHED STONE											
A29002	L&W QUARRIES INC	MEDIAPOLIS-LEONARD	SE	01	TO71	R04W	2.65	3		4	4	15	L, 1
										4	4	15 - 18	L
										5	5	20	L
A29008	CESSFORD CONST CO	NELSON	NE	26	TO72	R02W	2.62	3		4	4	21 - 24	
										4	4	7 - 20	L
											4	15 - 24	
										5	5	24 - 27	L
A29012	CESSFORD CONST CO	GEODE	NE	01	TO69	R05W				4	4	11 - 12	L
										5	5	9 - 13	L
										4	4	17	L
		SAND & GRAVEL											
A29502	CESSFORD CONST CO	SPRING GROVE	SW	36	TO69	R03W		3		4	4		
							2.66		X				

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
01	ADAIR DIST 4	CRUSHED STONE											
A01002	SCHILDBERG CONST CO INC	MENLO	NW	21	TO77	R31W				5	5	15A-15C	L
											4	14	
A01008	SCHILDBERG CONST CO INC	JEFFERSON	NE	17	TO77	R31W					5	20	
											5	25	
02	ADAMS DIST 4	CRUSHED STONE											
A02002	SCHILDBERG CONST CO INC	MT ETNA	SW	14	TO73	R34W					4	11 - 13	
A02004	SCHILDBERG CONST CO INC	CORNING	NE	09	TO71	R34W					4	3 - 5	
03	ALLAMAKEE DIST 2	CRUSHED STONE											
A03002	BRUENING ROCK PROD INC	WEXFORD	NE	36	TO98	R03W	2.70	3i		4	4	1C - 6	D
										4	4	1 - 8	D
A03008	BRUENING ROCK PROD INC	MCCABE	NE	06	TO97	R05W					4	1 - 6	
A03010	SKYLINE MATERIALS LTD	RUDE	SE	17	T100	R06W							
A03014	BRUENING ROCK PROD INC	HAMMELL-BOONIES	SW	02	TO99	R06W	DWU	3i		4	4	2 - 4C	D
A03022	SKYLINE MATERIALS LTD	LIVINGOOD	SW	07	TO96	R06W				4	4	4 - 7	L
											4	2 - 7	
A03036	BRUENING ROCK PROD INC	SWENSON	SE	19	TO96	R05W							
A03038	RIEHM CONST CO INC	RIEHM	SE	07	T100	R04W	DWU	3i		4	4	1 - 4	D
A03040	BRUENING ROCK PROD INC	DEE	SE	21	TO99	R04W	DWU	3i		4	4	5A - 5D	D
A03042	NIEMANN CONST CO	CHURCHTOWN	SW	29	TO99	R04W					4	1 - 3	
										4	4	3	D
A03048	BRUENING ROCK PROD INC	POSTVILLE	SW	16	TO96	R06W	2.61	3		4	4	6 - 8	L
											4	2 - 5	
A03050	BRUENING ROCK PROD INC	GREEN	NW	16	TO96	R06W	2.63	3		4	4	2 - 3A	L
A03052	BRUENING ROCK PROD INC	ROSSVILLE	NE	35	TO97	R05W				4	4	1 - 5	L
A03054	BRUENING ROCK PROD INC	WEST RIDGE	NE	08	TO98	R06W							
A03058	BRUENING ROCK PROD INC	ELON	SW	33	TO98	R04W							
A03064	SKYLINE MATERIALS LTD	RAINBOW	SE	26	TO97	R05W							
A03066	WILTGEN CONST CO	ELSBERND	NW	29	TO97	R06W	DWU	3		4	4	2	L
A03068	WILTGEN CONST CO	JEFFERSON	SW	30	TO97	R05W							
A03070	WILTGEN CONST CO	BULMAN	NW	31	T100	R05W							
A03072	STRONG ROCK & GRAVEL	STRONG	SE	24	TO99	R04W							
		SAND & GRAVEL											
A03502	SKYLINE MATERIALS LTD	HARPERS FERRY	SW	07	TO97	R02W	2.67	3iB		3	3		
							2.67		X				
A03506	BRUENING ROCK PROD INC	HAMMELL-BOONIES	SW	02	TO99	R06W			H	4	4		
A03512	KNIFE RIVER MIDWEST LLC	ZEZULKA	NE	11	T100	R04W				3	3		
							2.66		X				
A03518	BRUENING ROCK PROD INC	IVERSON	NW	09	T099	R06W			H				
04	APPANOOSE DIST 5	CRUSHED STONE											
A04016	L&W QUARRIES INC	LEMLEY EAST #5	CT	35	TO70	R19W	2.70	2		5	5	1 - 3	L, 1
										5	5	6	L
A04018	L&W QUARRIES INC	CLARKDALE #8	SE	15	TO69	R18W					5	4	
A04020	TRI-STAR QUARRIES	PLANO		05	TO69	R19W							
05	AUDUBON DIST 4	SAND & GRAVEL											
A05506	HALLETT MATERIALS CO	EXIRA	SW	08	TO78	R35W	2.68	3		3	3		
							2.66		X				

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
06	BENTON DIST 6	CRUSHED STONE											
A06006	WENDLING QUARRIES INC	GARRISON B	NE	33	TO85	R11W	2.64	2		4	4	6 - 16	L
A06012	COOTS MATERIALS CO INC	JABENS	SW	07	TO85	R11W	DWU	2		5	5	6 - 11	L
							2.63	2		4	4	12	L
										4	4	10 - 12	L
										4	4	13 - 18	L
										4	4	20 - 23	L
A06014	WENDLING QUARRIES INC	VINTON-MILROY	S2	10	TO85	R10W					4		
A06016	COOTS MATERIALS CO INC	COOTS	SW	36	TO86	R11W							
		SAND & GRAVEL											
A06502	WENDLING QUARRIES INC	VINTON-MILROY	S2	10	TO85	R10W				4	4		
							2.65		X				
A06504	COOTS MATERIALS CO INC	MT AUBURN	SW	31	TO86	R10W				3	3		
							2.65		X				
A06506	WENDLING QUARRIES INC	PORK CHOP	CT	11	TO85	R09W				4	4		
							DWU		X				
07	BLACK HAWK DIST 2	CRUSHED STONE											
A07004	BMC AGGREGATES LC	WATERLOO SOUTH	NW	18	TO87	R12W	DWU	3		5	5	25	L
										4	4	17 - 24	L
										4	4	32 - 36	L
										5	5	5 - 24	L
A07008	BMC AGGREGATES LC	MORGAN	NE	15	TO89	R12W	DWU	3i		4	4	5	L
											5	1 - 3	
											5	4A - 4B	
A07018	BMC AGGREGATES LC	RAYMOND-PESKE	SW	01	TO88	R12W	2.66	2		4	4	1B - 5	L
										4	4	6 - 10	L
										4	4	1B - 10	L
A07020	BMC AGGREGATES LC	STEINBRON	SE	01	TO88	R11W	DWU	3		4	4	1B	L
							DWU	2		4	4	1A - 1B	L
A07022	BMC AGGREGATES LC	MESSERLY	NE	08	TO90	R14W							
		SAND & GRAVEL											
A07504	BMC AGGREGATES LC	WATERLOO SAND	SW	09	TO89	R13W				3	3		
							2.65		X				
A07506	MANATT'S INC	ASPRO	NW	01	TO88	R13W				4	4		
							2.65		X				
A07508	BMC AGGREGATES LC	GILBERTVILLE		16	TO88	R12W	DWU	2		4	4		
							2.65		X				
A07512	BMC AGGREGATES LC	ZEIEN S&G	NW	23	TO87	R12W	2.65		X				
A07518	NIEMANN CONST CO	JANESVILLE	NE	14	TO90	R14W				3	3		
							2.66		X				
08	BOONE DIST 1	SAND & GRAVEL											
A08504	KNIFE RIVER MIDWEST LLC	JENSEN	SW	36	TO85	R25W			H				
A08526	KNIFE RIVER MIDWEST LLC	POWERS		29	TO84	R28W			H				
A08528	STRATFORD GRAVEL INC	LEININGER	SW	26	TO85	R25W			H				
09	BREMER DIST 2	CRUSHED STONE											
A09002	BMC AGGREGATES LC	FREDERIKA	NE	12	TO93	R13W					5	2 - 8	
A09006	NIEMANN CONST CO	TRIPOLI-PLATTE	SW	36	TO93	R13W	2.62	3i		4	4	1 - 5	D
							DWU	3iB		4	4	1 - 3	D
A09008	NIEMANN CONST CO	DENVER #2	NE	20	TO91	R13W							
		SAND & GRAVEL											
A09504	NIEMANN CONST CO	NOLTE	SE	31	TO92	R11W	2.65		X	4	4		
A09508	NIEMANN CONST CO	TRIPOLI-PLATTE	SW	36	TO93	R13W			H				
A09510	CROELL REDI-MIX	PLAINFIELD-ADAMS	NE	32	TO93	R14W	2.66		X				
A09512	NIEMANN CONST CO	BOEVERS	NE	31	TO92	R11W	2.64		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
10	BUCHANAN DIST 6	CRUSHED STONE											
A10002	NIEMANN CONST CO	WESTON-LAMONT	NW	14	TO90	R07W	2.61	3iB		4	4	1 - 6	D
										4	4	1 - 7	D
A10004	NIEMANN CONST CO	BLOOM-JESUP	SW	32	TO89	R10W	2.63	3		4	4	2 - 5	L
										4	4	1 - 7	L
A10008	BRUENING ROCK PROD INC	OELWEIN	NW	02	TO90	R09W	2.65	3i		4	4	4 - 5	D
										4	4	4 - 6	D
A10010	NIEMANN CONST CO	HAZELTON	NW	11	TO90	R09W	2.60	3iB		4	4	4	D
A10012	NIEMANN CONST CO	INDEPENDENCE	NW	14	TO88	R09W					5		
A10014	NIEMANN CONST CO	OELWEIN #1	SW	02	TO90	R09W				5	5	1 - 12	L
A10016	NIEMANN CONST CO	OELWEIN #2	SE	03	TO90	R09W	DWU	3i		4	4	13 - 16	D
A10022	BRUENING ROCK PROD INC	BROOKS	NW	02	TO88	R09W	2.60	3i		4	4	7	L
											5	1 - 6	
A10024	NIEMANN CONST CO	RASMUSSEN #2	SE	21	TO88	R08W					5		
A10026	NIEMANN CONST CO	BRANDON	SE	27	TO87	R10W					5		
A10028	NIEMANN CONST CO	HERTZBERGER	NE	36	TO87	R10W					5		
A10030	NIEMANN CONST CO	SOUTH AURORA	NW	19	TO90	R07W	2.62	3iB		4	4	1 - 3	D
A10032	NIEMANN CONST CO	SELLS	NW	25	TO88	R09W					5		
A10040	ZUPKE SAND & GRAVEL	ZUPKE-OELWEIN		09	TO90	R09W							
A10042	BRUENING ROCK PROD INC	BRANDON I-380	E2	23	TO87	R10W							
		SAND & GRAVEL											
A10504	NIEMANN CONST CO	WARD	NE	14	TO90	R07W				4	4		
							2.65		X				
A10506	MANATT'S INC	GREENLEY	SE	29	TO89	R09W				4	4		
							2.64		X				
A10510	NIEMANN CONST CO	HUFFMAN	SE	02	TO89	R08W				4	4		
							2.65		X				
A10514	NIEMANN CONST CO	HOLLERMAN	SE	26	TO90	R07W			H	4	4		
A10516	NIEMANN CONST CO	MILLER	NW	14	TO88	R09W	2.65		X				
A10518	MANATT'S INC	YEAROUS	SE	19	TO89	R09W	2.65		X				
A10520	BRUENING ROCK PROD INC	BROOKS	SW	02	TO88	R09W	DWU		X				
11	BUENA VISTA DIST 3	SAND & GRAVEL											
A11512	BUENA VISTA COUNTY	MARATHON	SE	19	TO93	R35W			H	4	4		
A11514	LUNDELL CONST	STORM LAKE	SW	18	TO90	R36W			H	4	4		
A11516	HALLETT MATERIALS CO	SIOUX RAPIDS	W2	12	TO93	R37W			H	3	3		
A11518	KNIFE RIVER MIDWEST LLC	MOLGAARD	NW	03	TO93	R38W			H				
12	BUTLER DIST 2	CRUSHED STONE											
A12004	GREENE LS CO	LUBBEN	NW	25	TO93	R17W					5	1 - 21	
A12008	GREENE LS CO	FLORRY-STEERE	CT	08	TO93	R17W					5	1 - 11	
A12010	SKYLINE MATERIALS LTD	CLARKSVILLE-ENGLE	NE	16	TO92	R15W							
A12014	NIEMANN CONST CO	OLTMANN	SE	08	TO91	R16W							
A12016	GREENE LS CO	WIEGMANN-BRISTOW	SE	23	TO92	R18W						1 - 11	
A12018	GREENE LS CO	NEYMEYER	SW	28	TO90	R18W							
A12020	GREENE LS CO	BRUNS #2	NW	21	TO91	R18W							
		SAND & GRAVEL											
A12502	CROELL REDI-MIX	CLARKSVILLE	NW	01	TO92	R16W	2.67	2		4	4		
							2.67		X				
A12508	GREENE LS CO	AUSTINVILLE	NW	23	TO90	R18W				3	3		
							2.64		X				
A12514	GREENE LS CO	DE VRIES	SW	28	TO90	R18W				4	4		
							2.63		X				
A12516	GREENE LS CO	JENSEN	S2	18	TO93	R16W			H	4	4		
A12518	NIEMANN CONST CO	SHELL ROCK-ADAMS	NE	03	TO91	R15W				3	3		
							2.66		X				
A12520	CROELL REDI-MIX	PARKERSBURG	E2	19	TO90	R16W	DWU		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION					BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
13	CALHOUN DIST 3	SAND & GRAVEL												
A13502	KNIFE RIVER MIDWEST LLC	LAKE CITY		NE	26	TO86	R34W			H	4	4		
A13504	TIEFENTHALER INC	JENSEN	N2	SW	07	TO86	R34W	DWU		X				
A13506	MOHR S&G CONST LLC	MOHR	E2	NW	23	TO86	R34W			H				
A13508	STRATFORD GRAVEL INC	PACKER		NE	26	TO86	R34W			H	3	3		
14	CARROLL DIST 3	SAND & GRAVEL												
A14510	TIEFENTHALER INC	LANESBORO		NW	17	TO85	R33W	2.72	2		4	4		
								2.68		X				
A14514	TIEFENTHALER INC	MACKE			06	TO85	R33W	2.69	2		4	4		
								2.66		X				
A14516	KNIFE RIVER MIDWEST LLC	RICHLAND		NE	23	TO83	R33W			H	4	4		
A14518	TIEFENTHALER INC	MILLER			21	TO85	R33W	DWU	2					
								DWU		X				
15	CASS DIST 4	CRUSHED STONE												
A15008	SCHILDBERG CONST CO INC	ATLANTIC MINE		SW	13	TO76	R37W					5	25	
16	CEDAR DIST 6	CRUSHED STONE												
A16004	WENDLING QUARRIES INC	LOWDEN-SCHNECKLOTH		NW	04	TO81	R01W	DWU	3i		4	4	1 - 4	D
A16006	WENDLING QUARRIES INC	STONEMILL		SE	14	TO80	R03W	DWU	3iB		4	4	4	D
A16010	WENDLING QUARRIES INC	PEDEN		NE	10	TO79	R03W				5	5		
A16012	WEBER STONE CO INC	ONION GROVE		SE	14	TO82	R02W	2.61	3i		4	4	1 - 7	D
A16014	WENDLING QUARRIES INC	TOWNSEND		NW	02	TO79	R02W							
A16022	WENDLING QUARRIES INC	TRICON		N2	09	TO82	R04W	DWU	3i		4	4	1	D
		SAND & GRAVEL												
A16502	WENDLING QUARRIES INC	SHARPLISS		NW	12	TO79	R03W				4	4		
								2.65		X				
A16506	WEBER STONE CO INC	ONION GROVE		SE	14	TO82	R02W	2.65		X				
A16508	WENDLING QUARRIES INC	MASSILLON		CT	11	TO82	R01W	2.65		X				
A16510	CROELL REDI-MIX	CEDAR BLUFF		SW	28	TO81	R04W	DWU		X				
17	CERRO GORDO DIST 2	CRUSHED STONE												
A17008	MARTIN MARIETTA	PORTLAND WEST		NE	19	TO96	R19W	2.75	3iB		4	4	1 - 8	L
A17012	MARTIN MARIETTA	UBBEN		SW	26	TO94	R20W	2.68	2		5	5	3	L
											5	5	1 - 3	L
A17020	MARTIN MARIETTA	MASON CITY		NE	29	TO97	R20W	DWU	3i		5	5	7	L
								2.73	3		5	5	7 - 9	L
											4	4	8 - 9	L
													1 - 6	
A17024	HEARTLAND ASPHALT	RIVERVIEW		NE	29	TO96	R19W				4	4	1 - 12	L
		SAND & GRAVEL												
A17506	KNIFE RIVER MIDWEST LLC	NELSON-FORBES		SW	27	TO96	R19W			H	4	4		
A17512	NORTH IOWA S&G INC	WEPKING		NE	15	TO97	R21W				3	3		
								2.66		X				
A17514	MARTIN MARIETTA	HOLCIM SAND		NE	19	TO97	R20W	DWU	3		3	3		
								2.65		X				
A17518	HEARTLAND ASPHALT	AIRPORT		NE	08	TO96	R21W			H	3	3		
A17520	NORTH IOWA S&G INC	TUTTLE		NE	13	TO97	R21W			H				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
18	CHEROKEE DIST 3	SAND & GRAVEL											
A18506	HALLETT MATERIALS CO	CHEROKEE SOUTH	NE	16	TO91	R40W	2.70	2		3	3		
							2.69		X				
A18514	HIGMAN SAND & GRAVEL	LARRABEE-MONTGOMERY	NE2	20	TO93	R39W	DWU	2		3	3		
							DWU		X				
A18526	HALLETT MATERIALS CO	CHEROKEE NORTH	SW	23	TO92	R40W	2.70	2		3	3		
							2.67		X				
A18528	HIGMAN SAND & GRAVEL	HSG WASHTA #1	SW	31	TO90	R41W	DWU	2		3	3		
							DWU		X				
A18530	HIGMAN SAND & GRAVEL	PATTERSON		32	TO91	R40W	2.69	2					
							DWU		X				
A18534	HALLETT MATERIALS CO	NELSON	CT	23	TO92	R40W	2.67	2		3	3		
							2.68		X				
A18536	HIGMAN SAND & GRAVEL	BECK	NE	30	TO93	R39W	DWU	2		3	3		
							DWU		X				
19	CHICKASAW DIST 2	CRUSHED STONE											
A19004	BRUENING ROCK PROD INC	DEERFIELD-MAHONEY	SE	33	TO97	R14W							
A19006	GREENE LS CO	HUNT	NE	29	TO94	R14W	2.57	2		4	4	9 - 10	L
A19008	GREENE LS CO	BOICE	NE	16	TO95	R14W					5		
		SAND & GRAVEL											
A19504	GREENE LS CO	HUNT	NW	29	TO94	R14W			H	4	4		
A19506	BLAZEK S&G CO	BLAZEK	NW	32	TO96	R11W				4	4		
							2.66		X				
A19508	SKYLINE MATERIALS LTD	BUSTA	SE	23	TO96	R11W				4	4		
							2.65		X				
A19512	GREENE LS CO	PEARL ROCK	SE	31	TO94	R14W				4	4		
							2.65		X				
A19514	BRUENING ROCK PROD INC	NASHUA	SW	33	TO95	R14W				3	3		
							DWU		X				
A19516	NIEMANN CONST CO	REWOLDT	NE	25	TO94	R13W	2.64		X				
A19518	KNIFE RIVER MIDWEST LLC	AGGLAND		31	TO96	R12W	2.64		X				
A19520	WILTGEN CONST CO	ROFONKE	NE SE	16	TO95	R14W			H				
A19522	CROELL REDI MIX	BUCKY'S	NW	03	TO95	R11W	2.65		X				
A19524	NIEMANN CONST CO	REISNER	SE	23	TO96	R11W			H				
20	CLARKE DIST 5	CRUSHED STONE											
A20002	SCHILDBERG CONST CO INC	OSCEOLA	NW	12	TO72	R26W					5	25A -25E 20A-20C	1
21	CLAY DIST 3	SAND & GRAVEL											
A21506	DAVE'S S&G	EVERLY	SW	31	TO97	R38W	2.70	2		3	3		
							2.68		X				
A21516	SIEH S&G	SPENCER #1	SW	24	TO96	R36W	2.69	2		3	3		
							2.66		X				
A21518	HALLETT MATERIALS CO	SPENCER #2	SW	05	TO97	R37W			H	4	4		
A21522	KNIFE RIVER MIDWEST LLC	STAINS		30	TO97	R38W			H	4	4		
A21526	CLAY COUNTY	CLAY COUNTY	NW	20	TO96	R35W			H				
A21528	DAVE'S S&G	GOEKEN	NE	05	TO96	R38W	DWU	2	H				
A21530	HALLETT MATERIALS CO	BRAUNSCHWEIG		16	TO94	R36W			H	3	3		
A21532	CLAY COUNTY	ELSER	CT	03	TO94	R36W			H	3	3		
A21534	HALLETT MATERIALS CO	CLARK EVERLY	NW	06	TO96	R38W			H				
A21536	HALLETT MATERIALS CO	GILLETT GROVE	NE	03	TO94	R36W			H	3	3		

NOTE 1: FRICTION TYPE TO BE DETERMINED WHEN USED

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
22	CLAYTON DIST 2	CRUSHED STONE											
A22002	KUHLMAN CONST CO	TWIN ROCK-SCHRADER	NW	14	TO94	R05W				4	4	1 - 11	D
										4	4	3 - 11	D
A22004	SKYLINE MATERIALS LTD	BENTE-ELKADER-WATSON	SW	12	TO93	R05W	2.66	2		4	4	6 - 9	L
										4	4	1 - 9	D
A22008	KUHLMAN CONST CO	ANDEREGG	SE	32	TO92	R02W				4	4	2 - 8	D
A22012	KUHLMAN CONST CO	SCHMIDT	NE	33	TO91	R01W	2.66	3i		4	4	4B - 6	D
										4	4	2 - 6	D
A22014	SKYLINE MATERIALS LTD	BLUME	NE	09	TO93	R03W	2.64	2		4	4	1 - 7	D
										4	4	1 - 12	D
A22018	CJ MOYNA & SONS	ZURCHER	SE	01	TO94	R05W				4	4		
A22024	MIELKE'S QUARRY	MIELKE'S QUARRY	NE	21	TO95	R04W				4	4	1 - 2	D
A22032	KUHLMAN CONST CO	WELLMAN	NW	25	TO92	R06W					4	1 - 6	
A22038	KUHLMAN CONST CO	FASSBINDER	SW	09	TO92	R03W	2.67	3i		4	4	2B- 6	D
A22040	KUHLMAN CONST CO	HARTMAN	NW	29	TO91	R06W	2.68	3i		4	4	1 - 4	D
A22042	SKYLINE MATERIALS LTD	MORAREND	CT	35	TO92	R03W						1 - 8	
										4	4	1 - 10	D
A22044	KUHLMAN CONST CO	BOGE	SW	18	TO91	R02W							
A22058	SKYLINE MATERIALS LTD	ST OLAF	NW	25	TO94	R05W							
A22060	CROELL REDI MIX	JOHNSON	NW	26	TO93	R04W	2.64	3i		4	4	2 - 5	D
										4	4	1 - 5	D
A22062	CJ MOYNA & SONS	SNY MAGILL	SE	22	TO94	R03W	2.73	3i		4	4	6 - 10	D
A22068	RIVER CITY STONE	MILLVILLE	NW	10	TO91	R02W	DWU	3i		4	4	1 - 8	D
A22070	BRUENING ROCK PROD INC	BERNHARD/GIARD	NW	35	TO95	R04W	DWU	3i		4	4	1 - 3	D
A22072	PATTISON BROS	CLAYTON TERMINAL		07	TO93	R02W	DWU	3i		4	4	3 - 4	D
							DWU	3		4	4	1	D
A22074	RIVER CITY STONE	STRAWBERRY POINT	NE	19	TO91	R06W	DWU	3i		4	4	1 - 2	D
A22076	CROELL REDI MIX	LARSON	NW	08	TO93	R05W							
A22080	KUHLMAN CONST CO	HILINE	NW	08	TO91	R03W							
A22084	CJ MOYNA & SONS	MOYNA		14	TO93	R05W	DWU	3i				6 - 8	L,1
A22086	CJ MOYNA & SONS	WILLIE	SW	18	TO93	R02W							
A22088	WILTGEN CONST CO	KEPPLER	NW	29	TO94	R05W							
A22090	PATTISON BROS	FRENCHTOWN		7, 18	TO93	R02W	DWU	3i		4	4	S1C-S1D	D
							DWU	3		4	4	S1B	D
							DWU	3		4	4	S1B-S1D	D
							DWU	3i		4	4	G4	D
							DWU	3		4	4	G2- G3	D
A22092	CJ MOYNA & SONS	LARSON		07	TO94	R06W							
		SAND & GRAVEL											
A22510	SKYLINE MATERIALS LTD	BENTE	SE	15	TO93	R05W				4	4		
							2.66		X				
A22512	KUHLMAN CONST CO	FAIRGROUND	NE	26	TO93	R05W				4	4		
							2.66		X				
A22514	KUHLMAN CONST CO	JOY SPRINGS	SW	19	TO91	R06W			H				
A22518	KUHLMAN CONST CO	THURN	CT	25	TO92	R05W				3	3		
							2.65		X				
A22520	KUHLMAN CONST CO	WELTERLEN	SE	32	TO91	R05W	2.65		X				
A22522	CJ MOYNA & SONS	MOYNA		13, 24	TO93	R05W				4	4		
							2.64		X				

NOTE 1: TOP 3' OF BED 8

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
23	CLINTON DIST 6	CRUSHED STONE											
A23002	PRESTON READY MIX	ELWOOD-YEAGER	NW	08	TO83	R02E	DWU	3i		4	4	1 - 2	D
A23004	WENDLING QUARRIES INC	BEHR	SW	02	TO81	R03E	2.61	3i		4	4	1 - 2	D
A23006	WENDLING QUARRIES INC	SHAFFTON	NE	11	TO80	R05E	DWU	3i		4	4	16 - 17	D
							DWU	3		4	4	3 - 14	D
							DWU	3		4	4	19 - 20	D
										4	4	3 - 15	D
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW	22	TO83	R05E				4	4	1 - 10	D
A23012	WENDLING QUARRIES INC	TEEDS GROVE	SW	03	TO83	R06E					4		
A23016	WENDLING QUARRIES INC	LYONS	NW	18	TO82	R07E					4		
A23026	WENDLING QUARRIES INC	MILL CREEK	NE	22	TO82	R06E					4		
A23028	WENDLING QUARRIES INC	DELMAR	SE	06	TO83	R04E							
A23030	WENDLING QUARRIES INC	EDON VALLEY		04	TO83	R01E							
A23032	ANDERSON S&G	ANDERSON		23	TO81	R03E							
		SAND & GRAVEL											
A23502	WENDLING QUARRIES INC	DOYLE	NE	30	TO83	R07E				4	4		
							2.67		X				
A23504	WENDLING QUARRIES INC	BEHR	SW	02	TO81	R03E	2.68	2		4	4		
							2.68		X				
A23506	WENDLING QUARRIES INC	SCHNECKLOTH	S2	10	TO80	R05E				4	4		
							2.67		X				
A23508	WENDLING QUARRIES INC	GATEWAY	NE	27	TO81	R06E				4	4		
							2.66		X				
A23510	WENDLING QUARRIES INC	SHAFFTON	N2	11	TO80	R05E				4	4		
							2.66		X				
A23514	ANDERSON S&G	ANDERSON	NW	23	TO81	R03E	2.68		X				
A23516	WENDLING QUARRIES INC	OLSON	NW	23	TO81	R02E	DWU		X				
24	CRAWFORD DIST 3	SAND & GRAVEL											
A24512	HALLETT MATERIALS CO	DUNLAP	SE	27	TO82	R41W	2.70	2		3	3		
							2.66		X				
25	DALLAS DIST 4	SAND & GRAVEL											
A25510	HALLETT MATERIALS CO	PERRY	NW	01	TO81	R29W	2.70	2		4	4		
							2.67		X				
A25514	HALLETT MATERIALS CO	BOONEVILLE	S2	26	TO78	R26W	2.68	2		3	3		
							2.66		X				
A25516	HALLETT MATERIALS CO	VAN METER SOUTH	21	22	TO78	R27W	2.68	2		3	3		
							2.66		X				
A25518	MARTIN MARIETTA	RACCOON RIVER SAND	27	28	TO78	R26W	DWU	2					
							2.65		X				
26	DAVIS DIST 5	CRUSHED STONE											
A26004	DOUDS STONE INC	LEWIS	W2	02	TO69	R12W	2.60	3		4	4	1	L
										5	5	3 - 7	L
											5	3 - 5	
										4	4	6 - 7	L
A26006	DOUDS STONE INC	BROWN SW	NW	02	TO69	R12W	2.60	3		4	4	1	L
										5	5	3 - 7	L
											5	3 - 5	
										4	4	6 - 7	L
		SAND & GRAVEL											
A26502	DOUDS STONE INC	ELDON-FRANKLIN	SW	01	TO70	R12W	2.67		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
27	DECATUR DIST 5	CRUSHED STONE								
A27002	SCHILDBERG CONST CO INC	GRAND RIVER	NW 22 TO70 R27W					5	25A - 25C	1
A27008	SCHILDBERG CONST CO INC	DECATUR	SE 32 TO69 R26W						20C	2
								5	25A -25E	3
28	DELAWARE DIST 6	CRUSHED STONE								
A28008	KUHLMAN CONST CO	EDGEWOOD WEST	CT 04 TO90 R05W	2.67	3i		4	4	2 - 7	D
							4	4	1 - 7	D
A28012	KUHLMAN CONST CO	BAUL	SE 22 TO89 R06W	2.69	3i		4	4	1 - 4	L
A28014	KUHLMAN CONST CO	LOGAN	SW 10 TO88 R05W	2.69	3		4	4	2 - 8	L
							4	4	1 - 8	L
A28016	KUHLMAN CONST CO	WHITE	NW 02 TO88 R04W	2.72	3i		4	4	1 - 2	D
A28020	BARD CONCRETE CO	DEUTMEYER	SW 13 TO88 R03W	DWU	3i		4	4	2 - 6	D
A28030	KUHLMAN CONST CO	GRIEF	NE 18 TO87 R03W					4		
A28032	RIVER CITY STONE	SCHNITTJER-DELHI	NE 35 TO88 R04W							
A28038	KUHLMAN CONST CO	KUHLMAN	NW 06 TO90 R04W	2.70	3i		4	4	1B - 5	D
A28040	BARD CONCRETE CO	KRAPFL	SE 23 TO89 R03W	2.69	3iB		4	4	4	D
							4	4	1 - 4	D
A28042	KUHLMAN CONST CO	WALSTON-MASONVILLE	SE 21 TO89 R06W	2.69	3i		4	4	1 - 4	L
							4	4	1 - 6	L
A28044	NIEMANN CONST CO	DUNDEE	NE 20 TO90 R06W	DWU	3i		4	4	2 - 7	D
								4		
A28046	KUHLMAN CONST CO	PINS	NW 27 TO88 R03W							
A28052	RIVER CITY STONE	MANCHESTER	SW 09 TO88 R05W	DWU	3		4	4	5 - 8	D
A28054	RIVER CITY STONE	WINCH	NW SW 02 TO87 R04W							
A28056	RIVER CITY STONE	THORPE	NW 33 TO90 R05W							
A28058	RIVER CITY STONE	ROSSOW/MANCHESTER	NE NW 16 TO88 R05W				4	4	1 - 8	L
		SAND & GRAVEL								
A28504	BARD CONCRETE CO	TEGLER	NE 36 TO89 R03W				4	4		
				2.65		X				
A28510	KUHLMAN CONST CO	LOGAN	SW 10 TO88 R05W	2.65		X				
A28520	RIVER CITY STONE	MANCHESTER	SW 10 TO88 R05W	2.65		X				
A28524	KUHLMAN CONST CO	LAKE DELHI	NW 14 TO88 R05W	2.64		X				
29	DES MOINES DIST 5	CRUSHED STONE								
A29002	L&W QUARRIES INC	MEDIAPOLIS-LEONARD	SE 01 TO71 R04W	2.65	3		4	4	15	L, 4
							4	4	15 - 18	L
							5	5	20	L
A29008	CESSFORD CONST CO	NELSON	NE 26 TO72 R02W	2.62	3i		4	4	21 - 24	L
				DWU	3		4	4	8 - 14	L
							4	4	7 - 19	L
							4	4	7 - 20	L
								4	15 - 24	
							5	5	24 - 27	L
A29012	CESSFORD CONST CO	GEODE	NE 01 TO69 R05W				4	4	11 - 12	L
							5	5	9 - 13	L
							4	4	17	L
								5	1 - 5	
		SAND & GRAVEL								
A29502	CESSFORD CONST CO	SPRING GROVE	SW 36 TO69 R03W	DWU	3		4	4		
				2.66		X				

NOTE 1: TOP 4' ONLY OF BED 25C.
NOTE 2: FRICTION TYPE TO BE DETERMINED WHEN USED.
NOTE 3: TOP 2.5' ONLY OF BED 25E.
NOTE 4: AASHTO 57 GRADATION MAXIMUM.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION					BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
30	DICKINSON DIST 3	SAND & GRAVEL												
A30504	HALLETT MATERIALS CO	ROHLIN		NE	06	TO98	R36W			H	3	3		
A30508	HALLETT MATERIALS CO	FOSTORIA/LOST			32	TO98	R37W	2.71	2		3	3		
								2.67		X				
A30512	DICKINSON CO	WESTPORT		NE	17	TO98	R38W			H	4	4		
A30514	HALLETT MATERIALS CO	MILFORD/LEITH		NE	04	TO98	R37W	DWU	2	H	3	3		
A30516	COHRS CONSTRUCTION INC	CROSBY		NW	21	T100	R37W			H				
A30518	COHRS CONSTRUCTION INC	SMITH		SE	06	TO98	R36W			H				
A30520	HALLETT MATERIALS CO	MILFORD/DERNER	W2 13	E2	14	TO98	R37W	DWU	2					
								DWU		X				
A30522	HALLETT MATERIALS CO	FODNESS		CT	23	T100	R36W			H				
A30524	COHRS CONSTRUCTION INC	COHRS/DERNER	S2	NE	14	TO98	R37W			H				
A30526	NORTHWEST R/M CONC INC	MILL CREEK		SW	08	TO97	R36W			H				
31	DUBUQUE DIST 6	CRUSHED STONE												
A31002	RIVER CITY STONE	ROSE SPUR			27	TO90	R02E	2.66	3i		4	4	1 - 8	D
											4	4	1 - 15	D
A31006	KUHLMAN CONST CO	DYERSVILLE-SUNDHEIM		SE	32	TO89	R02W	2.66	3i		4	4	5 - 12	D
											4	4	5 - 8	D
A31008	RIVER CITY STONE	KLEIN-RICHARDSVILLE		NW	33	TO90	R01E	DWU	3i		4	4	3A - 4B	D
											4	4	1 - 4	D
A31010	RIVER CITY STONE	BROWN		NW	33	TO89	R02E	2.68	3i		4	4	3 - 9A	D
											4	4	2 - 9	D
											4	4	9B	D
A31014	BARD CONCRETE CO	KURT		N2	35	TO87	R02W	2.70	3iB		4	4	1 - 2	D
A31018	RIVER CITY STONE	MELOY		NW	23	TO87	R01E	DWU	3i		4	4	1 - 3	D
A31020	RIVER CITY STONE	SCHLITCHE		SE	11	TO89	R02W	DWU	3i		4	4	1 - 4	D
A31024	KUHLMAN CONST CO	JOHNS CREEK		SW	36	TO88	R02W	2.69	3i		4	4	3 - 4	D
											4	4	1 - 4	D
A31026	WENDLING QUARRIES INC	ARNSDORF		SE	25	TO87	R02E	DWU	3i		4	4	1 - 2	D
A31028	RIVER CITY STONE	THOLE		NW	21	TO87	R02E	DWU	3i		4	4	1 - 2	D, 1
A31030	RIVER CITY STONE	KEMP		NE	09	TO89	R01W					4		
A31036	RIVER CITY STONE	BALLTOWN		SE	05	TO90	R01E							
A31040	RIVER CITY STONE	KENNEDY		NW	03	TO88	R01W					4		
A31042	RIVER CITY STONE	GANSEN		NW	09	TO87	R02E					4		
A31046	WENDLING QUARRIES INC	DECKER		SE	24	TO87	R02E	DWU	3i		4	4	1 - 5	D
A31048	RIVER CITY STONE	MCDERMOTT		NE	35	TO88	R01W	2.65	3i		4	4	2	D
A31050	RIVER CITY STONE	PLOESSEL-DYERSVILLE		N2	07	TO88	R02W	2.74	3i		4	4	3 - 5	D
A31052	HORSFIELD MATERIALS INC	EPWORTH-KIDDER		SW	02	TO88	R01W	DWU	3i		4	4	2	D
A31056	RIVER CITY STONE	RUBIE		SE	06	TO88	R03E	DWU	3iB		4	4	5 - 9	D, 2
A31058	RIVER CITY STONE	HOLY CROSS		SW	12	TO90	R02W							
A31060	BARD CONCRETE CO	EAST CASCADE		SE	22	TO87	R01W	2.71	3iB		4	4	2 - 5	D
A31064	RIVER CITY STONE	WEBER		NW	32	TO89	R02E	2.67	3i		4	4	3 - 9A	D
A31066	RIVER CITY STONE	FILLMORE		SW	26	TO87	R01W	2.70	3i		4	4	2 - 4	D
A31068	HORSFIELD MATERIALS INC	DYERSVILLE-MAIERS		SE	19	TO89	R02W							
		SAND & GRAVEL												
A31504	BARD CONCRETE CO	SAUSER PROPERTY		NW	36	TO87	R02W				4	4		
								2.66		X				
A31512	BARD CONCRETE CO	BURKLE		SW	19	TO89	R02W	2.66		X				
A31514	RIVER CITY STONE	FILLMORE		CT	26	TO87	R01W	2.66		X				
A31516	HORSFIELD MATERIALS INC	CASCADE-LOCHER			25	TO87	R02W	DWU		X				

NOTE 1: TOP 17.0' OF BED 2
NOTE 2: TOP 6.0' OF BED 9

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
32	EMMET DIST 3	SAND & GRAVEL											
A32502	HALLETT MATERIALS CO	ESTHERVILLE	N2	03	TO99	R34W	2.70	2		3	3		
							DWU		X				
A32506	EMMET COUNTY	FREY	NW	21	T100	R34W			H	4	4		
A32522	HALLETT MATERIALS CO	OLD ESTHERVILLE S&G		30	TO99	R33W			H				
A32524	EMMET COUNTY	PETERSON	SW	34	T100	R34W			H				
A32530	HALLETT MATERIALS CO	ESTHERVILLE/WHITE	SW	16	T100	R34W	DWU	2		4	4		
							DWU		X				
A32534	COHRS CONSTRUCTION INC	ENERSON		28	T100	R34W			H	4	4		
A32538	HALLETT MATERIALS CO	JENSEN	NW	03	T099	R34W	DWU	2					
							DWU		X				
A32540	HALLETT MATERIALS CO	FISHER	NE	33	TO98	R32W			H				
A32542	HALLETT MATERIALS CO	GRAETTINGER	SE	33	TO98	R33W			H	4	4		
A32544	DUININCK BROS INC	ANDERSON		7,8	T100	R34W				3	3		
							DWU		X				
A32546	DUININCK BROS INC	TROPHY RIDGE	SE	25	TO99	R34W			H				
33	FAYETTE DIST 2	CRUSHED STONE											
A33002	NIEMANN CONST CO	ELDORADO-JACOBSEN	SW	17	TO95	R08W	2.69	3iB		5	5	4 - 6B	L
A33010	WILTGEN CONST CO	VOSHELL	NW	21	TO93	R07W						1 - 4	
A33018	NIEMANN CONST CO	FAIRBANK	SW	28	TO91	R10W				4	4	5	D
											4	1 - 5	
A33024	NIEMANN CONST CO	WAUCOMA	NW	25	TO95	R10W	2.69	3iB		5	5	2 - 5	L
A33026	WILTGEN CONST CO	LYNCH	NW	05	TO95	R10W				4	4	1 - 5	D
A33032	BRUENING ROCK PROD INC	LANDIS	SE	12	TO93	R08W				4	4	1 - 5	D
A33034	NIEMANN CONST CO	MCDONOUGH	SE	36	TO94	R08W							
A33036	NIEMANN CONST CO	GRAHAM-HAWKEYE	SW	06	TO94	R09W				4	4	1 - 4	L
A33038	NIEMANN CONST CO	PAPE	NE	28	TO95	R08W	DWU	3iB		5	5	3 - 5	L
A33040	NIEMANN CONST CO	SINNOTT		25	TO93	R09W							
A33042	WILTGEN CONST CO	LEHMAN	SW	35	TO94	R07W							
A33044	BRUENING ROCK PROD INC	FAYETTE 93		30	TO93	R08W							
		SAND & GRAVEL											
A33506	NIEMANN CONST CO	ALPHA	NW	03	TO94	R10W	2.64			4	4		
							2.64		X				
A33508	SKYLINE MATERIALS LTD	DURSCHER	NW	03	TO94	R07W			H		4		
A33510	ZUPKE S&G	RANDALIA	NW	29	TO93	R09W				4	4		
							2.64		X				
A33512	NIEMANN CONST CO	WADENA	NE	25	TO93	R07W				4	4		
							2.66		X				
A33518	KUHLMAN CONST CO	BASSETT	SE	11	TO91	R07W				4	4		
							2.65		X				
A33520	BRUENING ROCK PROD INC	OELWEIN SAND	NE	09	TO91	R09W	2.65		X				
A33522	BRUENING ROCK PROD INC	PAPE	SE	08	TO95	R08W	2.65		X				
A33524	CROELL REDI-MIX	ROGERS		04	TO94	R07W	2.66		X				
A33526	WILTGEN CONST CO	ELDORADO	NE	13	TO95	R09W			H	4	4		
A33528	NIEMANN CONST CO	KASEMEIER	SE	19	TO93	R10W	2.64		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
34	FLOYD DIST 2	CRUSHED STONE											
A34002	GREENE LS CO	CARVILLE-BUNN	SW	23	TO95	R15W	2.63	2		4	4	1 - 4	L
A34004	GREENE LS CO	MAXON	SE	07	TO94	R17W	2.68	2		5	5	4C - 19	L
										5	5	1 - 17	L
A34006	GREENE LS CO	JOHLAS	SW	07	TO94	R15W							
A34008	GREENE LS CO	WARNHOLTZ	SW	09	TO96	R16W	2.70	3i		5	5	1 - 4	L
							2.68	2		4	4	17 - 18	D
												1 - 18	
A34010	GREENE LS CO	LACOSTA	SE	25	TO97	R17W	2.67	3i		5	5	1 - 4	L
										5	5	1 - 8	L
										4	4	9 - 14	L
A34012	GREENE LS CO	WILLIAMS	NW	29	TO96	R18W							
A34014	BRUENING ROCK PROD INC	HANNMANN	NE	20	TO94	R15W							
A34018	CROELL REDI MIX	JONES	N	26	TO97	R17W	2.67	3iB		5	5	1 - 4	L
							DWU	3				5A - 7	L
A34020	CROELL REDI MIX	POWERS	SW	25	TO94	R16W							
		SAND & GRAVEL											
A34502	GREENE LS CO	ROCKFORD	SE	15	TO95	R18W	2.68	2		3	3		
							2.65		X				
A34506	GREENE LS CO	LENT	NE	08	TO96	R16W			H	4	4		
A34510	GREENE LS CO	BRACKEL	NE	17	TO94	R17W			H	4	4		
A34514	GREENE LS CO	LITTLE CEDAR	NW	01	TO95	R15W				3	3		
							2.65		X				
A34516	GREENE LS CO	CEDAR ACRE RESORTS	E2	17	TO95	R15W	2.65		X				
A34518	GREENE LS CO	ENABNIT	NW	21	TO94	R17W			H				
A34520	CROELL REDI MIX	FOOTHILL		26	TO95	R18W	DWU	2					
							2.66		X				
A34522	GREENE LS CO	ROTTINGHAUS	NE	35	TO96	R15W	2.66		X				
35	FRANKLIN DIST 2	CRUSHED STONE											
A35002	MARTIN MARIETTA	DOWS	NE	30	TO91	R22W				4	4	1 - 4	L
										4	4	1 - 12	L
										4	4	7 - 12	L
										5	5	5 - 6	L
A35006	MARTIN MARIETTA	HIBNESS	SE	22	TO91	R20W	2.58	3		5	5	1 - 4A	L
										4	4	1 - 12	L
A35010	GREENE LS CO	MILLER	NE	13	TO91	R19W					4	1 - 5	
A35016	GREENE LS CO	AYRES		01	TO92	R19W							
		SAND & GRAVEL											
A35502	SKLYINE MATERIALS LTD	GENEVA	SW	07	TO91	R19W	2.68	2		3	3		
							2.64		X				
A35514	KNIFE RIVER MIDWEST LLC	KOCH	SW	08	TO91	R19W	2.69		X	4	4		
A35516	KNIFE RIVER MIDWEST LLC	PETERS	SW	04	TO92	R20W				3	3		
							2.65		X				
A35518	KNIFE RIVER MIDWEST LLC	REINKE	SW	22	TO91	R20W			H	4	4		
A35520	KNIFE RIVER MIDWEST LLC	BRANDT	N2	34	TO90	R19W				4	4		
							2.68		X				
A35522	MARTIN MARIETTA	RASH	SE	27	TO90	R22W				4	4		
							2.61		X				
36	FREMONT DIST 4	CRUSHED STONE											
A36002	SCHILDBERG CONST CO INC	THURMAN	NW	23	TO70	R43W					4		
37	GREENE DIST 1	SAND & GRAVEL											
A37504	HALLETT MATERIALS CO	JEFFERSON	SW	04	TO83	R31W	2.66	2		4	4		
							2.64		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
37	GREENE DIST 1	SAND & GRAVEL											
A37514	ARCADIA LIMESTONE CO	WRIGHT	NW	05	TO84	R32W	2.66		X	4	4		
A37520	GREENE CO REDI MIX	HAMILTON		27	TO83	R30W	2.65		X				
A37522	KNIFE RIVER MIDWEST LLC	HAUPERT		20	TO84	R30W			H				
A37524	STRATFORD GRAVEL INC	DAVIS		30	TO82	R29W			H				
A37526	HALLETT MATERIALS CO	JEFFERSON-CLARKE	NE	23	TO84	R31W			H				
A37528	STRATFORD GRAVEL INC	MUIR	SE	10	TO83	R30W			H				
A37530	BEDROCK GRAVEL CO	BEDROCK #3	SW	02	TO83	R31W			H				
38	GRUNDY DIST 1	SAND & GRAVEL											
A38504	SKYLINE MATERIALS LTD	HERONIMOUS	SE	35	TO88	R17W	2.63		X				
A38506	KNIFE RIVER MIDWEST LLC	MEESTER NE	NE	12	TO88	R17W	2.63		X				
39	GUTHRIE DIST 4	SAND & GRAVEL											
A39502	KNIFE RIVER MIDWEST LLC	HEILAND	SW	29	TO79	R30W			H	4	4		
A39508	MCALISTER AGGREGATES LLC	L & L	NE	33	TO78	R31W			H	4	4		
A39510	MCALISTER AGGREGATES LLC	GARNES	SE	22	TO81	R32W			H				
40	HAMILTON DIST 1	CRUSHED STONE											
A40006	MARTIN MARIETTA	GRANDGEORGE	SE	18	TO89	R25W	DWU	3iB				11B- 13	1
											5	3 - 5	
										4	4	7 - 11	L
										5	5	12	L
		SAND & GRAVEL											
A40512	KNIFE RIVER MIDWEST LLC	ANDERSON		12	TO87	R26W			H				
41	HANCOCK DIST 2	CRUSHED STONE											
A41002	BMC AGGREGATES LC	GARNER NORTH	SE	11	TO95	R24W	2.77	3iB		4	4	1 - 4	D
							2.77	3iB		4	4	6	D
		SAND & GRAVEL											
A41504	HANCOCK COUNTY	HUTCHINS	E2	27	TO96	R26W			H		4		
A41506	HANCOCK COUNTY	KLEMME		26	TO95	R24W			H		4		
A41518	HANCOCK COUNTY	AUSTIN	NE	11	TO97	R25W			H				
42	HARDIN DIST 1	CRUSHED STONE											
A42002	MARTIN MARIETTA	ALDEN	NW	20	TO89	R21W	2.56	3iB		4	4	0 - 3	L
							DWU	3iB		4	4	3	L
							DWU	3		5	5	0 - 1	L
A42004	GERHKE QUARRIES INC	GIFFORD	NW	04	TO86	R19W					5		
		SAND & GRAVEL											
A42502	WELDEN AGGREGATES INC	IOWA FALLS	NW	20	TO89	R20W	DWU	2		4	4		
							2.68		X				
A42512	CONCRETE INC	HARDIN AGGREGATES	SW	31	TO87	R19W	2.66		X	4	4		
A42524	KNIFE RIVER MIDWEST LLC	GRIFFEL	SE	31	TO89	R19W			H	3	3		
A42528	KNIFE RIVER MIDWEST LLC	LLOYD		04	TO86	R19W			H	4	4		
43	HARRISON DIST 4	CRUSHED STONE											
A43002	SCHILDBERG CONST CO INC	LOGAN		19	TO79	R42W				5	5	25E	L
										5	5	25C- 25E	L
											4	26	
A43004	BEDROCK GRAVEL	LOGAN		17	TO79	R42W				5	5	25E	L
										5	5	25C- 25E	L
											4	26	
		SAND & GRAVEL											
A43512	HALLETT MATERIALS CO	WOODBINE-MCCANN	SW	29	TO81	R41W	2.68	3		3	3		
							2.64		X				

NOTE 1: TOP 13' OF BED 13

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
44	HENRY DIST 5	CRUSHED STONE											
A44002	COOTS MATERIALS CO INC	KINNEY & SONS	SE	17	TO71	R06W							
A44006	HENRY COUNTY	LEEPER	NE	18	TO71	R06W	DWU	2		4	4	8 - 11	D
A44008	DOUDS STONE INC	TWEEDY	SW	36	TO71	R06W				4	4	13 - 14	L
										5	5	9 - 14	L
		SAND & GRAVEL											
A44502	CESSFORD CONST CO	NORTH ROME	SW	29	TO72	R07W				4	4		
							2.66		X				
A44504	IDEAL SAND CO	ENSMINGER-ROME	NW	32	TO72	R07W	2.67		X				
45	HOWARD DIST 2	CRUSHED STONE											
A45006	BRUENING ROCK PROD INC	NELSON	NE	33	TO99	R13W	2.54	2		4	4	1 - 3	L
							2.54	2		4	4	8 - 9	D
A45008	BRUENING ROCK PROD INC	DOTZLER	NE	23	TO99	R12W	2.50	3		4	4	7 - 10A	D
A45010	BRUENING ROCK PROD INC	DALEY	NE	11	TO98	R11W	2.59	3		4	4	9 - 11	D
A45014	FALK CONST CO	CECELIA	SE	08	TO97	R14W					5		
A45018	BRUENING ROCK PROD INC	LE ROY	NW	10	T100	R14W							
A45030	BRUENING ROCK PROD INC	DIEKEN-TANK	SE	24	T100	R13W							
A45032	SKYLINE MATERIALS LTD	KITCHEN		13	T100	R12W							
		SAND & GRAVEL											
A45502	BRUENING ROCK PROD INC	MAPLE LEAF-POTTER	SE	04	TO98	R13W			H	4	4		
A45504	SKYLINE MATERIALS LTD	ECKERMAN	NW	33	T100	R11W	DWU	3		4	4		
							2.65		X				
A45508	SKYLINE MATERIALS LTD	SOVEREIGN	SW	01	TO98	R12W	DWU	3		3	3		
							2.65		X				
A45516	BRUENING ROCK PROD INC	FREIDERICH	NE	15	TO98	R14W				3	3		
							2.67		X				
A45518	BRUENING ROCK PROD INC	ELMA	NW	06	TO97	R13W	2.67		X				
46	HUMBOLDT DIST 2	CRUSHED STONE											
A46004	STRATFORD GRAVEL INC	GRIFFITH	SW	24	TO91	R30W	DWU	3iB		4	4	1 - 4	L
A46006	MARTIN MARIETTA	HODGES	NE	32	TO92	R28W	2.60	3i		4	4	10 - 18	L
							DWU	3i		5	5	4 - 8	L
A46014	MARTIN MARIETTA	PEDERSEN	SW	28	TO92	R28W	2.59	3i		5	5	4 - 13	L
							2.58	3i		5	5	4 - 20	L
							2.57	3i		5	5	14 - 20	L
A46016	KNIFE RIVER MIDWEST LLC	ERICKSON		30	TO91	R28W							
		SAND & GRAVEL											
A46512	NORTHWEST MATERIALS	WARREN	SW	08	TO92	R30W			H		4		
A46516	NORTHWEST MATERIALS	ERICKSON		30	TO91	R28W			H	3	3		
A46518	MARTIN MARIETTA	PEDERSEN	SW	28	TO92	R28W	2.66		X				
47	IDA DIST 3	SAND & GRAVEL											
A47502	HALLETT MATERIALS CO	BATTLE CREEK		05	TO86	R41W			H	3	3		
A47504	HIGMAN SAND & GRAVEL	CROCKER	NW	06	TO89	R41W	DWU	3	H				
48	IOWA DIST 6	SAND & GRAVEL											
A48502	MARENGO READY MIX	KIMMICH	SE	24	TO81	R11W				4	4		
							2.66		X				
A48506	WENDLING QUARRIES INC	MARENGO	NW	22	TO81	R11W	2.66		X				
A48508	MARENGO READY MIX	DISTERHOFF	SE	34	TO81	R10W	2.66		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
49	JACKSON DIST 6	CRUSHED STONE											
A49002	BELLEVUE S&G CO	BELLEVUE	SW	25	TO87	R04E	2.67	3i		4	4	1 - 3	D
A49004	BELLEVUE S&G CO	LAMOTT	NW	02	TO86	R03E				4	4		
A49008	WENDLING QUARRIES INC	IRON HILL	SW	16	TO85	R02E	DWU	3i		4	4	3 - 6	D
										4	4	1 - 6	D
A49010	WENDLING QUARRIES INC	ANDREW	NW	21	TO85	R03E	2.70	3iB		4	4	1B - 3	D
										4	4	1 - 7	D
A49012	WENDLING QUARRIES INC	FROST	SE	16	TO84	R03E	DWU	3iB		4	4	1A - 1D	D
										4	4	1 - 2	D
A49016	WENDLING QUARRIES INC	WEIS	SE	22	TO85	R04E					4		
A49018	WENDLING QUARRIES INC	PATASKA	NW	23	TO85	R05E					4		
A49020	WENDLING QUARRIES INC	PRESTON	SW	26	TO84	R05E	2.67	3i		4	4	7 - 10	D
							DWU	3		4	4	1 - 10	D
A49021	PRESTON READY MIX	PRESTON R/M	SW	26	TO84	R05E	2.67	3i		4	4	7 - 10	D
							DWU	3		4	4	1 - 10	D
A49022	WENDLING QUARRIES INC	BELLEVUE	SE	23	TO86	R04E				4	4		
A49024	WENDLING QUARRIES INC	MAQUOKETA EAST	SW	07	TO84	R03E	DWU	3i		4	4	1 - 8	D
							2.70	3i		4	4	7 - 8	D
A49030	BELLEVUE S&G CO	SPRINGBROOK		15	TO85	R04E				4	4		
A49040	WENDLING QUARRIES INC	JOINERVILLE-HAMANN	SE	20	TO84	R02E				4	4	1 - 3	D
A49044	WENDLING QUARRIES INC	FRANK	NW	14	TO87	R04E							
A49046	WENDLING QUARRIES INC	ROWAN	NE	25	TO86	R03E							
A49060	BELLEVUE S&G CO	ST DONATUS		18	TO87	R04E							
A49062	PRESTON READY MIX	JOHNSON		31	TO84	R04E							
A49064	BELLEVUE S&G CO	VEACH		01	TO85	R02E							
A49066	BELLEVUE S&G CO	MOREHEAD	NW	13	TO85	R01E							
		SAND & GRAVEL											
A49504	WENDLING QUARRIES INC	KNIPELMEYER	NE	36	TO87	R04E				4	4		
							2.64		X				
A49506	BELLEVUE S&G CO	BELLEVUE	E2	01	TO86	R04E	2.64	3iB		3	3		
							2.68		X				
A49510	WENDLING QUARRIES INC	MAQUOKETA	NE	13	TO84	R02E				4	4		
							2.65		X				
A49516	WENDLING QUARRIES INC	TURNER	NE	07	TO84	R07E	2.63	3iB		3	3		
							2.65		X				
A49520	WENDLING QUARRIES INC	BALDWIN	SW	28	TO84	R01E	2.66		X				
A49524	BELLEVUE S&G CO	GRIEBEL	SE	25	TO87	R04E	DWU	3B		4	4		
							2.67		X				
A49526	BELLEVUE S&G CO	BELLEVUE FARM	SE	25	TO87	R04E	DWU	3i					
							DWU		X				
A49528	AGGREGATE MATERIALS CO	STEVENS	NW	02	TO84	R01E	2.65		X				
A49530	PRESTON READY MIX	PETERSEN	SW	18	TO84	R07E	DWU	3iB		4	4		
							DWU		X				
A49532	WEBER STONE CO INC	IRON HILL	NE	16	TO85	R02E	2.65		X				
A49536	AGGREGATE MATLS-FLYNN	BELLEVUE SLOUGH	S2	30	TO87	R05E	DWU		X				
50	JASPER DIST 1	CRUSHED STONE											
A50002	MARTIN MARIETTA	SULLY MINE	SE	16	TO79	R17W	2.54	3i		4	4	36 - 41	D
											4	10 - 19	
		SAND & GRAVEL											
A50502	MARTIN MARIETTA	COLFAX	NE	01	TO79	R21W	2.66	2		3	3		
							2.67		X				
A50504	MARTIN MARIETTA	REASNOR	NE	10	TO78	R19W				4	4		
							2.66		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
51	JEFFERSON DIST 5	CRUSHED STONE											
A51006	WINN CORP	JEFFERSON	NE	09	TO71	R10W				4	4	10 - 12	D
52	JOHNSON DIST 6	CRUSHED STONE											
A52002	WENDLING QUARRIES INC	FOUR CO	NW	04	TO81	R08W							
A52004	RIVER PRODUCTS CO	CONKLIN	NW	33	TO80	R06W	2.66	3iB		4	4	2 - 10	L
							DWU	3i		5	5	23 - 24	L, 1
										5	5	2 - 5	L
										4	4	6 - 10	L
										4	4	21	L
										5	5	21 - 22	L
A52006	RIVER PRODUCTS CO	KLEIN	NW	02	TO79	R07W	2.66	3iB		4	4	2 - 10	L
							DWU	3i		5	5	23 - 24	L, 1
										5	5	2 - 5	L
										4	4	6 - 10	L
										4	4	21	L
										5	5	21 - 22	L
A52008	RIVER PRODUCTS CO	ERNST	SW	20	TO80	R05W							
		SAND & GRAVEL											
A52502	S&G MATERIALS INC	SHOWERS	NE	27	TO79	R06W				4	4		
							2.65		X				
A52506	S&G MATERIALS INC	BUTLER	SW	33	TO79	R06W	DWU		X				
A52508	S&G MATERIALS INC	WILLIAMS	NW	34	TO79	R06W				3	3		
							DWU		X				
A52510	RIVER PRODUCTS CO	RIVERSIDE #2		34	TO78	R06W	DWU		X				
53	JONES DIST 6	CRUSHED STONE											
A53002	BARD CONCRETE CO	FARMERS-BEHRENDS	NE	14	TO86	R03W	2.64	3i		4	4	1 - 5	D
A53004	WENDLING QUARRIES INC	MONTICELLO	NE	24	TO86	R04W	2.66	3i		4	4	1	D
A53006	WENDLING QUARRIES INC	ANAMOSA	SE	13	TO84	R04W	DWU	3i		4	4	1 - 5	D
										4	4	1 - 6	D
A53010	WENDLING QUARRIES INC	BALLOU-OLIN	NE	24	TO83	R03W	DWU	3iB		4	4	3	D
							DWU	3		4	4	2 - 3	D
										4	4	1 - 3	D
A53012	WENDLING QUARRIES INC	WYOMING		33	TO84	R01W	2.69	3iB		4	4	1 - 2C	D
A53014	WEBER STONE CO INC	JACOBS-SCOTCH GROVE	SW	07	TO85	R02W					5		
A53016	WEBER STONE CO INC	STONE CITY		5,6	TO84	R04W	2.45	3i		4	4	2B - 3	D
A53018	RIVER CITY STONE	FINN	NE	06	TO85	R01W	DWU	3i		4	4	2 - 5	D
A53024	RIVER CITY STONE	SULLIVAN	NW	14	TO86	R03W	DWU	3i		4	4	1 - 5	D
A53026	RIVER CITY STONE	ANAMOSA	SW	15	TO84	R04W							
		SAND & GRAVEL											
A53502	WENDLING QUARRIES INC	MONTICELLO	SE	07	TO86	R03W				4	4		
							2.66		X				
A53506	RIVER CITY STONE	FINN	N2	06	TO85	R01W				4	4		
							2.65		X				
A53508	WENDLING QUARRIES INC	ANAMOSA-VERNON	SW	13	TO84	R04W				4	4		
							2.66		X				
A53510	WENDLING QUARRIES INC	KNAPP	SE	27	TO84	R03W				4	4		
							2.65		X				
A53514	WENDLING QUARRIES INC	FLEMING	NE	12	TO83	R03W				4	4		
							2.66		X				
A53522	WEBER STONE CO INC	WEBER	SE,SW	05	TO84	R04W	2.66		X				
A53526	BARD CONCRETE CO	STEPHENS	NW	34	TO86	R03W	2.66		X	4	4		
A53528	WEBER STONE CO INC	ANAMOSA	NE	14	TO84	R04W	2.65		X				
A53530	RIVER CITY STONE	ANAMOSA-WOOD'S	CT	15	TO84	R04W	2.66		X	3	3		
A53532	BARD CONCRETE CO	LOES	NE	04	TO86	R01W	DWU		X				

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
54	KEOKUK DIST 5	CRUSHED STONE											
A54002	DOUDS STONE INC	KESWICK	NW	21	TO77	R12W	2.61	2		4	4	13 - 15	D, 1
										4	4	13 - 18	D
A54004	DOUDS STONE INC	OLLIE	SW	01	TO74	R11W	2.66	3i		4	4	13 - 18	L
							2.57	3				27 - 29	1
										4	4	13 - 19	L
										4	4	27 - 30	L
										4	4	30 - 37	L
											5	31 - 33	
A54008	DOUDS STONE INC	HARPER	SE	11	TO76	R11W				4	4	15 - 24	L
										4	4	32 - 37	L
										4	4	38 - 40	L
A54010	DOUDS STONE INC	LYLE	NW	13	TO74	R13W	DWU	3		4	4	40	L
										4	4	36 - 38	L
										4	4	36 - 40	L
A54012	WINN CORP	KEOKUK COUNTY QUARRY	NW	21	TO74	R11W				5	5	1 - 5	L
		SAND & GRAVEL											
A54502	WINN S&G	WINN	SE	06	TO74	R10W	2.66		X				
55	KOSSUTH DIST 2	SAND & GRAVEL											
A55506	KOSSUTH COUNTY	WHITTEMORE	NW	16	TO95	R30W			H	4	4		
A55508	KOSSUTH COUNTY	IRVINGTON	NW	36	TO95	R29W			H		4		
A55518	REDING GRAVEL&EXCAVATING	REDING		02	TO94	R29W			H				
A55548	MARTIN MARIETTA	BORMANN SAND	NE	36	TO94	R29W			H				
56	LEE DIST 5	CRUSHED STONE											
A56002	CESSFORD CONST CO	HAWKEYE	NE	10	TO68	R06W					5	1 - 21	
										4	4	22 - 27	L
A56006	CESSFORD CONST CO	ARGYLE	SE	18	TO66	R06W				4	4	1 - 17	L
											5	4 - 12	
										4	4	13 - 17	D
A56008	CESSFORD CONST CO	DONNELLSON	SE	05	TO67	R06W				4	4	10 - 15	L
A56012	CESSFORD CONST CO	VINCENNES	NW	19	TO66	R06W							
A56016	GREAT RIVER MATERIALS LLC	HERITAGE		26	TO69	R04W				4	4	9 - 10	L
											4	6 - 8	2
A56018	CESSFORD CONST CO	AUGUSTA	NW	25	TO69	R04W							
		SAND & GRAVEL											
A56504	CESSFORD CONST CO	VINCENNES	SE	32	TO66	R06W				4	4		
							2.67		X				
A56506	BROCKMAN SAND CO	FORT MADISON	SW	11	TO67	R05W				4	4		
							2.67		X				
A56508	SHIPLEY CONTRACTING CORP	LEE COUNTY S&G	SE	11	TO67	R05W	DWU		X				

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE
NOTE 2: TOP 6' REMOVED

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
57	LINN DIST 6	CRUSHED STONE											
A57002	WENDLING QUARRIES INC	BETENBENDER-COGGON	SW	03	TO86	R06W	DWU	3i		4	4	8 - 9	D
							DWU	2		4	4	8 - 10	D
A57004	WENDLING QUARRIES INC	PLOWER	SE	36	TO86	R06W	2.62	3		4	4	9 - 11	D
										4	4	1 - 10	D
A57006	WENDLING QUARRIES INC	ROBINS	NE	21	TO84	R07W	2.57	3i		4	4	3	L, 1
A57008	WENDLING QUARRIES INC	BOWSER-SPRINGVILLE	SW	29	TO84	R05W	DWU	3i		4	4	6 - 7	D
							DWU	3i		4	4	8 - 9	D
										4	4	1 - 4	D
A57010	WENDLING QUARRIES INC	TROY MILLS	SE	09	TO86	R07W							
A57014	WENDLING QUARRIES INC	SWEETING	NW	18	TO85	R08W					4		
A57016	WENDLING QUARRIES INC	ALICE	NW	08	TO85	R07W					4		
A57018	MARTIN MARIETTA	CEDAR RAPIDS	NE	15	TO82	R06W	2.64	3i		4	4	2 - 9	D, 1
										4	4	2 - 14	D
A57022	CRAWFORD QUARRY CO	LEE CRAWFORD	NW	23	TO83	R08W	2.55	3i		4	4	8	L
A57026	NIEMANN CONST CO	COOK	NW	10	TO86	R07W							
A57028	WENDLING QUARRIES INC	BEVERLY	NW	07	TO82	R07W	DWU	3i		4	4	6 - 7	D
A57030	CJ MOYNA & SONS	HENNESSEY	NE	01	TO82	R07W	DWU	3i		4	4	4 - 5	D
		SAND & GRAVEL											
A57502	WENDLING QUARRIES INC	SWEETING	NE	18	TO85	R08W				4	4		
							2.64		X				
A57506	WENDLING QUARRIES INC	CEDAR RAPIDS	NE	27	TO84	R08W				4	4		
							2.65		X				
A57508	WENDLING QUARRIES INC	EAST MARION	NE	36	TO84	R06W				3	3		
							2.65		X				
A57520	WENDLING QUARRIES INC	IVANHOE	NW	29	TO82	R05W				4	4		
							2.66		X				
A57522	WENDLING QUARRIES INC	CENTRAL CITY	NE	10	TO85	R06W				4	4		
							2.65		X				
A57524	WENDLING QUARRIES INC	COGGON	NW	11	TO86	R06W				4	4		
							2.65		X				
A57526	WENDLING QUARRIES INC	TROY MILLS	SE	09	TO86	R07W	2.65		X				
A57528	WENDLING QUARRIES INC	BLAIRSFERRY SAND	SW	26	TO84	R08W	DWU	2		3	3		
							2.65		X				
A57530	WENDLING QUARRIES INC	HESS	SW	04	TO82	R06W	DWU		X				
A57532	CROELL READY MIX	PALO	NE	21	TO84	R08W	DWU		X				
A57534	MARTIN MARIETTA	LINN COUNTY SAND	NE	05	TO82	R06W	DWU		X				
58	LOUISA DIST 5	CRUSHED STONE											
A58002	RIVER PRODUCTS CO	COLUMBUS JUNCTION	NW	03	TO74	R05W	2.55	3		4	4	16 - 19	D, 2
										4	4	15 - 19	D
										4	4	19 - 21	D
		SAND & GRAVEL											
A58504	RIVER PRODUCTS CO	FREDONIA A INLAND	SW	17	TO75	R04W				4	4		
		PUMPING					2.66		X				
		FREDONIA B RIVER	SW	17	TO75	R04W				4	4		
		PUMPING					2.66		X				

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE
NOTE 2: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
60	LYON DIST 3	SAND & GRAVEL											
A60502	PETTENGILL CONC & GRAVEL	ROCK RAPIDS #1	NW	33	T100	R45W	2.69	2		3	3		
							2.67		X				
A60504	PETTENGILL CONC & GRAVEL	ROCK RAPIDS #2	NE	09	TO99	R45W			H	3	3		
A60510	HALLETT MATERIALS CO	OLSON	NW	21	T099	R48W			H	3	3		
A60518	VALLEY SAND AND GRAVEL	OPEN	NW	17	TO99	R48W			H	4	4		
A60530	DUININCK BROS	KOOIKER		28	TO99	R45WH			H				
A60534	DUININCK BROS	EGEBO		16	TO99	R48W			H	3	3		
A60540	SOUTHERN MN CONST CO INC	KANANGEITER	SE	04	TO99	R43W			H				
A60542	KRUSE PAVING	EBEN	NW	17	TO99	R43W			H				
A60544	DAKOTA ROAD BUILDERS INC	ORVE	NE	24	T100	R49W			H				
A60546	HALLETT MATERIALS CO	VANDERBRINK	NW	07	TO98	R45W			H	3	3		
A60548	HALLETT MATERIALS CO	O'CONNER	NW	16	TO99	R48W			H	3	3		
A60550	HALLETT MATERIALS CO	DENGLER	SW	33	TO99	R45W			H				
61	MADISON DIST 4	CRUSHED STONE											
A61002	SCHILDBERG CONST CO INC	EARLY CHAPEL-DAGGETT	SW	03	TO76	R29W				5	5	15A-15C	L
											5	12	
											4	14B	
A61012	MARTIN MARIETTA	WINTERSET NORTH	SE	27	TO76	R27W					5	25	
A61013	SCHILDBERG CONST CO INC	WINTERSET WEST	SW	28	TO76	R27W					5	25E	
A61016	PERU QUARRY, INC	PERU	NE	27	TO75	R27W							
A61024	MARTIN MARIETTA	PENN-DIXIE	SW	32	TO76	R27W					5	25	
A61026	MARTIN MARIETTA	MASON	SW	16	TO77	R28W					4	20	
											5	25	
A61032	MARTIN MARIETTA	THRAILKILL	NE	08	TO77	R28W					4	20	
											5	25	
A61034	BIG STONES QUARRY INC	CLANTON CREEK	NW	10	TO74	R27W							
A61036	SCHILDBERG CONST CO INC	MONARCH CEMENT OF IOWA	NE	08	TO77	R28W					5	25B-25E	
62	MAHASKA DIST 5	SAND & GRAVEL											
A62502	SKYLINE CONST CO	G71	SW	15	TO74	R16W	2.67		X				
63	MARION DIST 5	CRUSHED STONE											
A63002	MARTIN MARIETTA	DURHAM MINE	NE	08	TO75	R18W	DWU	3i		4	4	101	L
							2.59	2		4	4	88 - 95	L
										4	4	95 - 96	L, 1
A63010	BRUENING ROCK PROD INC	S&S	SE	25	TO75	R20W	DWU	3		4	4	31A- 32D	L
											4		
		SAND & GRAVEL											
A63502	PELLA CONST CO LTD	BEAN PROPERTY	NE	02	TO75	R18W				4	4		
							2.67		X				
A63512	MARTIN MARIETTA	NEW HARVEY	NW	12	TO75	R18W	DWU	2					
							2.67		X				

NOTE 1: BOTTOM 5.0' ONLY OF BED 95

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
64	MARSHALL DIST 1	CRUSHED STONE								
A64002	MARTIN MARIETTA	FERGUSON	SW 05 TO82 R17W	2.65	3i		4	4	10 - 21	L
				2.66	3		4	4	10 - 17	L
				DWU	2		4	4	8 - 17	L
				2.66	2		4	4	8 - 21	L
				DWU	2		4	4	2 - 17	L
							4	4	1 - 18	L
A64004	CESSFORD CONST CO	LE GRAND	SW 36 TO84 R17W	2.58	3i		5	5	1 - 7	L
				DWU	2		4	4	19B- 31	L
				DWU	2				8	L
							4	4	8 - 19A	L
							4	4	19B- 32	L
		SAND & GRAVEL								
A64502	MARTIN MARIETTA	MARSHALLTOWN	SW 29 TO84 R17W	2.65	2		4	4		
				2.65		X				
A64506	KNIFE RIVER MIDWEST LLC	BEACH	NW 09 TO85 R20W			H				
65	MILLS DIST 4	CRUSHED STONE								
A65006	SCHILDBERG CONST CO INC	MALVERN	NW SE 31 TO72 R41W							
66	MITCHELL DIST 2	CRUSHED STONE								
A66002	FALK CONST CO	DUENOW	SE 08 TO99 R17W	2.77	3iB		4	4	5	D
					3		5	5	13	L
							4	4	1 - 5	D
							4	4	7 - 13	L
A66016	FALK CONST CO	LESCH	SW 12 TO97 R17W	DWU	3i		5	5	6 - 7	L
							5	5	1 - 8	L
							4	4	9 - 14	L
A66020	FALK CONST CO	ASPEL	NE 03 TO99 R15W							
A66022	FALK CONST CO	WAGNER	NW 29 TO98 R16W							
A66024	FALK CONST CO	GRUNDEL	07 TO98 R18W							
A66026	CROELL REDI-MIX	KOSTER	NE 35 TO99 R18W							
A66028	ULLAND BROS CONST	WINTERS	SW 23 TO99 R16W							
		SAND & GRAVEL								
A66502	FALK CONST CO	OSAGE-SCHMIDT	NW 01 TO97 R17W				4	4		
				2.63		X				
A66504	FALK CONST CO	ST ANSGAR-BLAZEK	SW 36 TO99 R18W			H	3	3		
A66510	FALK CONST CO	NEWBURG	NW 26 TO99 R18W			H	3	3		
A66512	FALK CONST CO	KLAAHSEN	SW 36 TO99 R18W	2.66		X				
A66514	FALK CONST CO	LOVIK	SE SW 12 TO97 R17W	2.65		X				
A66516	CROELL REDI MIX	BOERJAN	W2 01 TO98 R18W	2.64		X				
A66518	FALK CONST CO	KITTLESON	NW 36 TO99 R18W			H				
67	MONONA DIST 3	SAND & GRAVEL								
A67502	HALLETT MATERIALS CO	RODNEY	02 TO85 R44W	DWU	2		3	3		
				DWU		X				
68	MONROE DIST 5	CRUSHED STONE								
A68004	DOUDS STONE INC	EDDYVILLE SOUTH	SW 02 TO73 R16W							
69	MONTGOMERY DIST 4	CRUSHED STONE								
A69002	SCHILDBERG CONST CO INC	STENNETT	NE 27 TO73 R38W					4	16 - 17	
		SAND & GRAVEL								
A69504	WESTERN ENGINEERING	ELLIOT	13 TO73 R38W			H	4	4		

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
70	MUSCATINE DIST 6	CRUSHED STONE											
A70002	WENDLING QUARRIES INC	MOSCOW	NW	08	TO78	R02W	2.66	3i		5	5	11 - 17	L
							DWU	3iB		4	4	21A-21B	D
							2.67	3iB		4	4	21A- 24	D
							DWU	3iB		4	4	21C- 24	D
										5	5	8 - 17	L
											5	1 - 9	
A70006	TUBE CITY IMS CORP	WILTON	SE	02	TO78	R02W				2	2		
A70008	BLACKHEART SLAG	MONTPELIER	SE	11	TO77	R01E				2	2		
		SAND & GRAVEL											
A70504	WENDLING QUARRIES INC	ATALISSA-MCKILLIP	NW	20	TO78	R02W				4	4		
							2.66		X				
A70506	ACME FUEL AND MATERIALS	ACME	SE	22	TO76	R02W	2.65		X				
A70508	HAHN S&G	HAHN	SE	16	TO76	R02W			H				
71	O'BRIEN DIST 3	SAND & GRAVEL											
A71504	HALLETT MATERIALS CO	RABE PAULLINA	SW	15	TO94	R41W				4	4		
							DWU		X				
A71528	O'BRIEN COUNTY	COUNTY	NW	27	TO95	R39W			H	4	4		
A71530	HALLETT MATERIALS CO	ROHLIN		14	TO97	R42W			H	4	4		
A71532	KNIFE RIVER MIDWEST LLC	DOUMA	SE	05	TO96	R41W			H				
A71534	HALLETT MATERIALS CO	SHELDON / KLEINWALTERINK	CT	16	TO97	R42W			H				
A71536	DAVE'S S&G	PHLOW CREEK		25	TO97	R39W	DWU		X				
72	OSCEOLA DIST 3	SAND & GRAVEL											
A72504	NORTHWEST R/M CONC INC	OCHEYEDAN SE 15	SW	14	TO99	R40W	2.71	2		3	3		
							2.68		X				
A72506	HALLETT MATERIALS CO	ASHTON	SW	28	TO98	R42W	2.69	2					
							2.69		X				
A72520	NORTHWEST R/M CONC INC	OCHEYEDAN NORTH	NE	23	TO99	R40W			H	4	4		
A72522	HIGMAN SAND & GRAVEL	KAPPES	NE	11	TO98	R42W	DWU	2					
							DWU		X				
A72524	KNIFE RIVER MIDWEST LLC	BOERHAVE	SE	21	TO98	R42W	DWU		X				
A72528	KNIFE RIVER MIDWEST LLC	DIRKS	SW	36	TO99	R40W			H				
A72530	NORTHWEST R/M CONC INC	BOYD	NW	36	TO99	R40W	2.65	2		3	3		
							2.66		X				
A72532	HALLETT MATERIALS CO	OCHEYEDAN/PEDLEY	NW	23	TO99	R40W	DWU		X				
A72534	HALLETT MATERIALS CO	ASHTON-SEIVERT		28	TO98	R42W	DWU	3		3	3		
							DWU		X				
A72536	NORTHWEST R/M CONC INC	HARTWIG	NE	16	TO99	R40W							
73	PAGE DIST 4	CRUSHED STONE											
A73004	SCHILDBERG CONST CO INC	SHAMBAUGH	SW	20	TO67	R36W					4		
		SAND & GRAVEL											
A73508	HALLETT MATERIALS CO	SHENANDOAH-CONNELL II	NE	07	TO69	R39W	DWU	2					
							2.63		X				
74	PALO ALTO DIST 3	SAND & GRAVEL											
A74502	HALLETT MATERIALS CO	EMMETSBURG S&G		36	TO96	R33W	2.71	2		3	3		
							2.64		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
75	PLYMOUTH DIST 3	SAND & GRAVEL											
A75502	HIGMAN SAND & GRAVEL	AKRON	NW	01	TO92	R49W	2.70	2		3	3		
							2.65		X				
A75503	LG EVERIST INC	AKRON	NE	01	TO92	R49W	2.69	2		3	3		
							2.67		X				
A75514	WALKERS EXCAVATING CO	OYENS		05	TO92	R44W			H	3	3		
A75516	HALLETT MATERIALS CO	BRUNSVILLE		03	TO92	R46W			H	4	4		
A75518	HALLETT MATERIALS CO	HINTON	NW	16	TO90	R46W	DWU	3	H	3	3		
A75520	HALLETT MATERIALS CO	MERRILL		02	TO91	R46W			H	4	4		
A75524	L&M SAND & GRAVEL INC	G DIRKSEN #2		31	TO93	R44W	2.65		X				
A75526	L&M SAND & GRAVEL INC	FRITZ DIRKSEN		05	TO92	R44W	DWU		X				
A75528	HIGMAN SAND & GRAVEL	LEMARS		04	TO92	R45W	DWU		X				
76	POCAHONTAS DIST 3	CRUSHED STONE											
A76002	MARTIN MARIETTA	GILMORE CITY	NE	36	TO92	R31W	2.64	3iB		5	5	1A - 3	L
										5	5	1B - 3	L
A76004	MARTIN MARIETTA	MOORE	SW	25	TO92	R31W	2.65	3iB		5	5	1A - 3	L
										4	4	3	L
										5	5	1B - 3	L
										4	4	4 - 10	L, 1
										5	5	4 - 12	L
		SAND & GRAVEL											
A76512	MARTIN MARIETTA	LIZARD CREEK		13	TO90	R31W			H	4	4		
A76514	BLACKTOP SERVICES	MILLER		12	TO93	R31W				4	4		
							DWU		X				
77	POLK DIST 1	SAND & GRAVEL											
A77504	HALLETT MATERIALS CO	DENNY-JOHNSTON		08	TO79	R24W	2.71	2		3	3		
							2.69		X				
A77522	HALLETT MATERIALS CO	EDM #2-VANDALIA NE 07	NW	08	TO78	R23W	2.69	2		3	3		
							2.66		X				
A77528	HALLETT MATERIALS	PLEASANT HILL		08	TO78	R23W	2.68	2		3	3		
							2.66		X				
A77530	HALLETT MATERIALS CO	NORTH DES MOINES	NE	16	TO79	R24W	2.67	2					
							2.66		X				
A77532	LOUNSBURY S&G	WEST DES MOINES		30	TO78	R25W			H				
A77534	MARTIN MARIETTA	SAYLORVILLE SAND		09	TO79	R24W	DWU	2		3	3		
							2.66		X				
78	POTTAWATTAMIE DIST 4	CRUSHED STONE											
A78002	SCHILDBERG CONST CO INC	CRESCENT	SW	26	TO76	R44W				4	4	25B-25C	L
										5	5	25B-25E	L
											5	25D-25E	
											4	26A-26E	
A78006	SCHILDBERG CONST CO INC	MACEDONIA-K&S	NE	28	TO74	R40W					4		
		SAND & GRAVEL											
A78504	WESTERN ENGINEERING	OAKLAND	SW	23	TO75	R40W	2.65	3		4	4		
							2.65		X				
A78506	SCHILDBERG CONST CO INC	CRESCENT	NE	34	TO76	R44W			H	4	4		

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	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
79	POWESHIEK DIST 1	CRUSHED STONE											
A79002	MARTIN MARIETTA	MALCOM MINE	SE	04	TO80	R15W	2.58	2		4	4	10C-13	L
										4	4	14 - 15	L
80	RINGGOLD DIST 4	CRUSHED STONE											
A80002	SCHILDBERG CONST CO INC	WATTERSON	SE	19	TO67	R29W					5	7	
81	SAC DIST 3	SAND & GRAVEL											
A81502	HALLETT MATERIALS CO	SACTON-LAKEVIEW	S2	08	TO86	R36W	2.72	3		3	3		
							2.67		X				
A81504	HALLETT MATERIALS CO	AUBURN	NW	02	TO86	R35W	2.68	2		3	3		
							2.64		X				
A81506	HALLETT MATERIALS CO	SAC CITY	NW	36	TO88	R36W				4	4		
							DWU		X				
A81508	LAKE VIEW CONCRETE PROD	LAKEVIEW	SE	05	TO86	R36W			H	4	4		
A81514	TIEFENTHALER INC	CARNARVON S&G	NE	16	TO86	R36W	2.68	2		3	3		
							2.66		X				
A81520	KNIFE RIVER MIDWEST LLC	UREN	SE	11	TO87	R36W				3	3		
							2.67		X				
A81522	HALLETT MATERIALS CO	ULMER	SW	28	TO87	R35W			H	4	4		
A81524	KNIFE RIVER MIDWEST LLC	NO NAME	SE	04	TO87	R37W			H	4	4		
A81528	HALLETT MATERIALS CO	WALL LAKE	NW	18	TO86	R36W	2.70	3					
							2.67		X				
A81530	HALLETT MATERIALS CO	LEITZ NORTH	SE	29	TO87	R35W	DWU		X				
A81532	HIGMAN SAND & GRAVEL	EARLY-THORPE		22	TO89	R37W	DWU	2		4	4		
							2.66		X				
A81534	HALLETT MATERIALS CO	EARLY	SE	22	TO89	R37W			H				
A81536	TIEFENTHALER INC	DAIKER	NE	12	TO86	R35W	DWU		X				
A81538	BEDROCK GRAVEL CO	HEIM	SE	12	TO86	R35W			H				
A81540	TIEFENTHALER INC	COLBURN		13	TO87	R35W			H				
A81542	HALLETT MATERIALS CO	WALL LAKE BOYER		13	TO86	R37W	DWU	2	X				
A81544	HALLETT MATERIALS CO	ULMER-MEISTER SE	SE	28	TO87	R35W	DWU	2	X				
A81546	HIGMAN SAND & GRAVEL	MEISTER	SE	07	TO86	R36W	DWU	3	X				
A81548	KNIFE RIVER MIDWEST LLC	PHILLIPS	NW	23	T87N	R36W							
82	SCOTT DIST 6	CRUSHED STONE											
A82002	RIVERSTONE GROUP INC	MCCAUSLAND (MC 39)	W2	17	TO80	R04E	DWU	3i		4	4	17 - 19	D, 1
							DWU	3		4	4	1 - 16	D, 1
A82004	RIVERSTONE GROUP INC	NEW LIBERTY (MC 41)	NE	33	TO80	R01E	DWU	3iB		4	4	1 - 2	D, 1
							DWU	3i		4	4	3 - 4	D
A82006	RIVERSTONE GROUP INC	LECLAIRE (MC 38)	NW	35	TO79	R05E	2.71	3i		4	4	14 - 29	D
							DWU	3i		4	4	28 - 29	D
							DWU	3i		4	4	30	D
							DWU	3		4	4	2 - 13	D
										4	4	1 - 28	D
A82008	LINWOOD MINING & MINERALS	LINWOOD MINE	SW	13	TO77	R02E	2.67	3i		5	5	20 - 25	L
							2.69	3i		5	5	27 - 30B	L
							DWU	3i		4	4	33 - 41	D
							DWU	3		5	5	19	L
										4	4	24 - 25	L
		SAND & GRAVEL											
A82502	RIVERSTONE GROUP INC	MCCAUSLAND (MC 43)	SW	17	TO80	R05E	2.66		X	4	4		
83	SHELBY DIST 4	SAND & GRAVEL											
A83506	HALLETT MATERIALS CO	HARLAN-REINIG	NW	30	TO79	R38W	2.65	3					
							2.65		X				
A83508	BEDROCK GRAVEL CO	JACKSONVILLE		12	TO79	R37W			H				

NOTE 1: 1.25-INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION					BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
84	SIOUX DIST 3	SAND & GRAVEL												
A84502	VALLEY SAND AND GRAVEL	VANZEE	NW	20	TO97	R46W		2.69	2		3	3		
								2.67		X				
A84506	HALLETT MATERIALS CO	HUDSON-OSTERCAMP	SE	07	TO96	R47W					3	3		
								2.69		X				
A84510	LG EVERIST INC	HAWARDEN-NORTH S2	NW	22	TO95	R48W		2.70	3		3	3		
								2.67		X				
A84518	KNIFE RIVER MIDWEST LLC	VON ARB	SE	15	TO94	R44W				H	4	4		
A84520	COUNTY PIT	CHATSWORTH	SW	28	TO94	R48W				H	4	4		
A84522	HALLETT MATERIALS CO	HYMAN	SW	31	TO96	R47W				H	3	3		
A84524	VALLEY SAND AND GRAVEL	GROTH	NW	36	TO97	R48W				H	3	3		
A84526	HIGMAN S&G	JONAS	NE	36	TO94	R44W					4	4		
								DWU		X				
A84528	HIGMAN S&G	HIGMAN-CHATSWORTH	W2	28	TO94	R48W		2.69	2		4	4		
								DWU		X				
A84530	VALLEY SAND AND GRAVEL	GROENWEG	NW	15	TO97	R46W		DWU	2		3	3		
								DWU		X				
A84532	KNIFE RIVER MIDWEST LLC	LASSON		32	TO94	R44W		DWU	2		3	3		
								DWU		X				
A84534	KNIFE RIVER MIDWEST LLC	CLEVERINGA	SE	25	TO95	R44W				H	3	3		
85	STORY DIST 1	CRUSHED STONE												
A85006	MARTIN MARIETTA	AMES MINE	SW	24	TO84	R24W		2.57	3i		5	5	19 - 25	L
											4	4	28 - 39	L
								2.68	3iB		5	5	47 - 49	L
											4	4	49	L, 1
		SAND & GRAVEL												
A85510	HALLETT MATERIALS CO	AMES SOUTH		18	TO83	R23W		2.66	2		3	3		
								2.65		X				
86	TAMA DIST 1	CRUSHED STONE												
A86002	WENDLING QUARRIES INC	MONTOUR	NW	09	TO83	R16W		2.61	3i		5	5	1 - 7	L
								2.63	3i		4	4	13 - 20	L
											4	4	8 - 12	L
		SAND & GRAVEL												
A86502	MANATT'S INC	FLINT	NW	03	TO82	R15W					3	3		
								2.65		X				
88	UNION DIST 4	CRUSHED STONE												
A88002	SCHILDBERG CONST CO INC	THAYER	NE	35	TO72	R28W						5	25A-25E	
												5	25E	

NOTE 1: BOTTOM 10' OF BED 49

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
89	VAN BUREN DIST 5	CRUSHED STONE											
A89002	DOUDS STONE INC	DOUDS MINE	SE	25	TO70	R11W	2.46	2		4	4	6 - 13	D
A89006	CESSFORD CONST CO	FARMINGTON-COMANCHE	NE	05	TO67	R08W	2.69	3i		5	5	3	L
							2.52	2		4	4	16 - 17	L
											4	18 - 22	
										5	5	5 - 12	L
A89008	DOUDS STONE INC	SELMA-GARDNER	NW	16	TO70	R11W	2.69	3		4	4	11	L
										5	5	7 - 10	L
											5	7 - 11	
										4	4	14 - 21	L
										4	4	22 - 31	L
										4	4	14 - 31	L
90	WAPELLO DIST 5	SAND & GRAVEL											
A90504	DOUDS STONE INC	HOFFMAN	SE	10	TO72	R14W				4	4		
							2.65		X				
A90506	WINN CORP	WAPELLO CO SAND & ROCK		5,6	TO71	R13W				3	3		
							DWU		X				
A90508	GEOTECH MATERIALS	STEVENSON SE1/2	SE	30	TO71	R12W			H				
92	WASHINGTON DIST 5	CRUSHED STONE											
A92002	DOUDS STONE INC	WEST CHESTER	NE	19	TO76	R08W	2.64	3i		4	4	5 - 7	L
							DWU	3		4	4	14 - 16	L
A92006	DOUDS STONE INC	COPPOCK	NE	30	TO74	R07W				5	5	3 - 4	L
A92008	RIVER PRODUCTS CO	PEPPER-KEOTA FIELD	SW	31	TO76	R09W							
A92014	DOUDS STONE INC	COPPOCK NORTH	SE	19	TO74	R07W				4	4	6 - 8	L
		SAND & GRAVEL											
A92502	RIVER PRODUCTS CO	RIVERSIDE	NE	10	TO77	R06W				4	4		
							2.65		X				
94	WEBSTER DIST 1	CRUSHED STONE											
A94002	MARTIN MARIETTA	FT DODGE MINE	SW	24	TO89	R29W	2.62	3iB		4	4	36 - 42	L
A94008	KNIFE RIVER MIDWEST LLC	BUSKE	SE	36	TO90	R29W				5	5	1 - 11	L
		SAND & GRAVEL											
A94502	NORTHWEST MATERIALS	YATES	SW	01	TO89	R29W				4	4		
							2.63		X				
A94522	AUTOMATED S&G	CROFT	NW	14	TO89	R29W	2.65		X				
A94526	KNIFE RIVER MIDWEST LLC	BUSKE	SE	36	TO90	R29W				3	3		
							2.67		X				
A94528	KNIFE RIVER MIDWEST LLC	CONDON	NW	19	TO90	R30W			H				
A94530	AUTOMATED S&G	RASCH		10	TO89	R29W			H				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
96	WINNESHIEK DIST 2	CRUSHED STONE											
A96002	SKYLINE MATERIALS LTD	KENDALLVILLE	NE	33	T100	R10W	2.68	3B		4	4	3 - 7	L
											4	1 - 7	
A96003	WILTGEN CONST CO	BROWN	NW	08	TO99	R10W							
A96004	SKYLINE MATERIALS LTD	HOVEY	SW	28	TO98	R08W	2.64	3B		4	4	1 - 4	L
										4	4	1 - 6	L
A96005	BRUENING ROCK PROD INC	MCGEE	NW	19	TO99	R10W							
A96007	WILTGEN CONST CO	JACKSON	NE	31	TO96	R10W							
A96016	BRUENING ROCK PROD INC	SKYLINE A	SE	10	TO98	R08W	2.63	3B		5	5	1 - 3	L
										4	4	4 - 8	L
A96017	BRUENING ROCK PROD INC	SKYLINE B	CT	10	TO98	R08W	2.63	3B		5	5	1 - 3	L
										4	4	4 - 11	L
A96022	WILTGEN CONST CO	MADISON #2	NE	18	TO98	R08W					5		
A96025	WILTGEN CONST CO	MADISON #1	NW	17	TO98	R08W					4		
A96040	SKYLINE MATERIALS LTD	LOCUST	NE	11	TO99	R08W							
A96046	BRUENING ROCK PROD INC	SERSLAND-SMORSTAD	SE	09	TO97	R07W							
A96048	NIEMANN CONST CO	LOVE #1	NW	30	TO96	R10W							
A96049	NIEMANN CONST CO	LOVE #2	SW	30	TO96	R10W				5	5	1 - 10	L
A96050	BRUENING ROCK PROD INC	BULLERMAN-FESTINA	SE	14	TO96	R09W					4	1 - 3	
A96052	SKYLINE MATERIALS LTD	ESTREM	SW	04	TO97	R07W	DWU	3i				2 - 4	L
										5	5	1 - 8	L
A96054	SKYLINE MATERIALS LTD	HORSESHOE BEND	SW	20	TO97	R09W							
A96060	SKYLINE MATERIALS LTD	BURR OAK	SE	23	T100	R09W				4	4		
A96064	RIVER CITY STONE	STIKA	NW	15	TO97	R10W	DWU	3i		4	4	1 - 4A	L
										4	4	1 - 8B	D
A96072	BRUENING ROCK PROD INC	MCKENNA NORTH	SW	34	T100	R09W							
A96074	WILTGEN CONST CO	OSSIAN	SW	21	TO96	R08W							
A96078	BRUENING ROCK PROD INC	BUSTA	NW	30	TO96	R10W							
A96082	WILTGEN CONST CO	CROW	SW	17	TO97	R10W							
A96084	WILTGEN CONST CO	YOUNG	SE	28	T100	R08W							
A96090	BRUENING ROCK PROD INC	MCKENNA SOUTH	SE	28	TO99	R09W	2.62	3iB		5	5	1 - 5	L
A96092	WILTGEN CONST CO	HANSON	SE	26	T100	R08W							
A96094	SKYLINE MATERIALS LTD	CAROLAN	SE	27	TO99	R09W							
A96100	WILTGEN CONST CO	YOUNG	NE	05	TO98	R07W							
		SAND & GRAVEL											
A96502	SKYLINE MATERIALS LTD	DECORAH	NE	22	TO98	R08W				4	4		
							2.63		X				
A96506	SKYLINE MATERIALS LTD	FREEPORT	NE	07	TO98	R07W	2.65		X				
A96520	SKYLINE MATERIALS LTD	SWEDES BOTTOM	NE	06	TO98	R08W				4	4		
							2.63		X				
A96522	BRUENING ROCK PROD INC	WOHLSEORS	NW	17	TO98	R10W			H				
A96526	RIVER CITY STONE	STIKA	NW	15	TO98	R08W			H				
A96528	BRUENING ROCK PROD INC	GJETLEY	NE	08	TO98	R07W			H	4	4		
A96530	SKYLINE MATERIALS LTD	CARLSON-FREEPORT	NE	13	TO98	R08W	2.63		X				
A96532	WILTGEN CONST CO	SCHMITT	NE	34	TO96	R09W				3	3		
							2.66		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
97	WOODBURY DIST 3	SAND & GRAVEL											
A97502	HALLETT MATERIALS CO	CORRECTIONVILLE-BUCK	NW	13	TO89	R42W				3	3		
							DWU		X				
A97510	HALLETT MATERIALS CO	CORRECTIONVILLE-COCKBURN	SE	11	TO88	R43W			H	3	3		
A97514	HIGMAN S&G	SMITHLAND-PERSINGER	NW	25	TO86	R44W	DWU	2		3	3		
							DWU		X				
A97516	HALLETT MATERIALS CO	ANTHON		05	TO87	R43W	2.72	3		3	3		
							2.67		X				
A97518	HALLETT MATERIALS CO	SMITHLAND		35	TO86	R44W	2.69	3		3	3		
							2.67		X				
A97520	HALLETT MATERIALS CO	CORRECTIONVILLE-BREESIE		01	TO88	R43W			H	4	4		
A97526	FLEWELLING S&G	FLEWELLING	NW	10	TO89	R44W	2.67		X				
A97528	HALLETT MATERIALS CO	EDWARDS	SE	23	TO89	R42W	DWU		X				
A97530	NELSTAR	NELSTAR		14	TO88	R43W			H				
A97532	KNIFE RIVER MIDWEST LLC	CREASEY	SE	09	TO89	R44W	DWU		X				
A97534	HALLETT MATERIALS CO	ANTHON-TRUITT		05	TO87	R43W			H				
98	WORTH DIST 2	CRUSHED STONE											
A98002	MARTIN MARIETTA	HARRIS	SW	29	T100	R20W	DWU	3i		4	4	10	L
							2.73	3B		4	4	6 - 7	L
							2.72	3		4	4	6 - 11	L
							2.72	2		4	4	2 - 11	L
										4	4	2 - 10	L
A98010	BMC AGGREGATES LC	FERTILE	SW	36	TO98	R22W	2.73	3B		4	4	15 - 20	D
							DWU	2		4	4	15 - 29	D
							DWU	2		4	4	22 - 29	D
											4	5 - 10	
										4	4	5 - 20	D
A98014	FALK CONST CO	STEVENS	NW	01	TO98	R20W	DWU	3		4	4	4 - 7	L
							2.77	3		4	4	8 - 11	L
							2.73	3		5	5	4 - 11	L
											5	1 - 3	
A98016	ULLAND BROS CONST	EMIL OLSON-BOLTON	SW	10	TO99	R20W	DWU	3i		5	5	1	L
							2.75	2		4	4	2 - 5A	L
										4	4	3 - 5B	D
										4	4	3 - 7	L
											5	1 - 7	
A98020	FALKSTONE	TRENHAILE W2	NE	09	TO99	R20W	DWU	3		5	5	1	L
							DWU	2		4	4	2A - 2B	D
		SAND & GRAVEL											
A98502	FALKSTONE	RANDALL TRANSIT MIX	NW	31	T100	R20W	DWU	2		4	4		
							2.66		X				
A98504	BMC AGGREGATES LC	FERTILE	NW	36	TO98	R22W				3	3		
							2.63		X				
A98518	FALK CONST CO	COOPER	NE	12	TO98	R20W			H		4		
A98520	HEARTLAND ASPHALT	WADDINGTON	SW	26	TO98	R22W			H	3	3		
A98522	ULLAND BROS CONST	EMIL OLSON-BOLTON	SW	10	TO99	R20W			H				
A98524	FALKSTONE	TRENHAILE W2	NE	09	TO99	R20W	2.64		X				
A98526	FALK CONST CO	MOUW	SE	31	T100	R20W			H				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
99	WRIGHT DIST 2	CRUSHED STONE											
A99002	KNIFE RIVER MIDWEST LLC	VOSS		36	TO90	R26W	2.59	3i		4	4	8	L
											5	3 - 7	
		SAND & GRAVEL											
A99502	WRIGHT MATERIALS	WRIGHT	NW	12	TO93	R24W	2.65	3		3	3		
							2.63		X				
A99510	MARTIN MARIETTA	MEINEKE	NE	14	TO90	R23W				4	4		
							2.65		X				
A99514	KNIFE RIVER MIDWEST LLC	VOSS		36	TO90	R26W			H				
A99518	KNIFE RIVER MIDWEST LLC	REICHTER	SE	06	TO92	R26W			H				
A99520	KNIFE RIVER MIDWEST LLC	DENNIS PETERSON	NE	15	TO90	R23W			H				
IL	ILLINOIS DIST 5	CRUSHED STONE											
AIL002	CESSFORD CONST CO	BIGGSVILLE, HENDERSON CO		17	TO10	R04W				4	4		
AIL014	CESSFORD CONST CO	DALLAS CITY, HENDERSON CO	SW	36	TO08	R07W	DWU	3i		4	4	5A - 6	L, 1
										4	4	2 - 3	L
												8 - 10	
AIL020	GRAY QUARRIES/W L MILLER	HAMILTON, HANCOCK CO	NE	31	TO05	R08W	2.65	3		4	4	2	L, 1
							DWU	3		4	4	4	L
							DWU	2		5	5	7	L
AIL040	COOTS MATERIALS CO INC	MONMOUTH, WARREN CO	NW	06	TO11	R02W							
	DIST 6	CRUSHED STONE											
AIL006	RIVERSTONE GROUP INC	MIDWAY (MC 45), ROCK ISLAND CO	SW	16	TO18	R02E	DWU	3iB		4	4	1 - 5	D
							DWU	3i				6	
AIL010	RIVERSTONE GROUP INC	ALLIED (MC 30), ROCK ISLAND CO		14	TO17	R02W	DWU	3i		4	4	18	D
							2.72	3i		4	4	16 - 18	D
							2.69	3		5	5	7 - 13	L
AIL012	MATERIAL SERVICES	OTTAWA-LIGHTWEIGHT								4	4		
AIL016	RIVERSTONE GROUP INC	CLEVELAND (MC 31), HENRY CO	SW	31	TO17	R02E	DWU	3i		4	4		D
AIL028	WENDLING QUARRIES INC	TURNBAUGH-MT CARROLL, IL	SW	10	TO24	R04E	DWU	3		4	4	3 - 7	D
AIL042	SAVANNA QUARRY INC	SAVANNA, CARROLL IL	SE	13	TO24	R03E							
AIL044	NW ILLINOIS CONST LLC	GAP GROVE, LEE IL		28	TO22	R08E							
	DIST 6	SAND & GRAVEL											
AIL502	RIVERSTONE GROUP INC	ALBANY (MC@511), ROCK IS CO	SW	34	TO20	R02E	2.65	3i		3	3		
							2.67		X				
AIL504	RIVERSTONE GROUP INC	BIG ISLAND (MC 51), ROCK IS CO		16	TO17	R02W	2.67	3		3	3		
							2.67		X				
AIL508	RIVERSTONE GROUP INC	BARSTOW (MC 52), ROCK IS CO	NE	34	TO18	R01E			H	4	4		
AIL510	NELSON S&G CO	WHITESIDE COUNTY-SAND	SW	29	TO21	R07E			H	4	4		
AIL514	MIDWEST S&G	HENRY PIT, MARSHALL CO	NW	03	TO13	R10E	DWU		X				
AIL516	BUILDERS SAND & CEMENT	CORDOVA, ROCK ISLAND CO	SE	33	TO21	R02E	DWU	3i		4	4		
							DWU		X				
AIL518	WENDLING QUARRIES INC	THOMPSON	SE	02	TO23	R03E	DWU		X				
AIL520	RIVERSTONE GROUP INC	CORDOVA (MC14@508), ROCK IS	S2	05	TO20	R02E	DWU	3iB					
							DWU		X				
AIL522	RIVERSTONE GROUP INC	CORDOVA INLAND (MC17), ROCK IS		7,8	TO20	R02E			H				

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
MN	MINNESOTA DIST 2	CRUSHED STONE											
AMN004	MILESTONE MATERIALS	POOL HILL, HOUSTON CO	SW	33	T101	R04W	DWU	3i		4	4	1 - 8	D
AMN006	SKYLINE MATERIALS LTD	OTTERNESS, FILLMORE CO	E2	11	T101	R08W	2.75	3i		4	4	1 - 2	D
AMN008	NEW ULM QUARTZITE QUARRY	QUARTZITE, NICOLETT CO	SW	35	T110	R31W				2	2		
AMN010	MARTIN MARIETTA	ST CLOUD, STEARNS CO		19	T124	R28W				2	2		
AMN014	SKYLINE MATERIALS LTD	BIG SPRINGS, FILLMORE CO	SW	09	T101	R10W					4	1 - 6	
AMN018	ULLAND BROS	GRAND MEADOW, MOWER CO	NE	09	T103	R14W							
AMN030	MILESTONE MATERIALS	GENGLER, HOUSTON CO	SW	16	T102	R05W	DWU	3B		4	4	1 - 2	D
AMN034	MILESTONE MATERIALS	ENGRAV, HOUSTON CO	NE	24	T101	R08W	DWU	3i		4	4	1A - 2B	D
AMN044	MILESTONE MATERIALS	BIESANZ, WINONA CO	SW	19	T107	R07W	DWU	3i		4	4	1 - 2	D
AMN046	MILESTONE MATERIALS	43 QUARRY, WINONA CO	NW	16	T106	R07W	DWU	3i		4	4	1 - 2	D
	DIST 2	SAND & GRAVEL											
AMN504	BRUENING ROCK PROD INC	NEW ALBIN, HOUSTON CO		09	T101	R04W			H	4	4		
AMN516	ULLAND BROS	OLSON, FREEBORN CO	NW	31	T102	R20W	DWU		X				
AMN518	SKYLINE MATERIALS LTD	LANESBORO, FILLMORE CO	SE	07	T104	R10W	DWU		X				
AMN522	AGGREGATE INDUSTRIES	PRAIRIE ISLAND #3, GOODHUE CO		23	T114	R15W	DWU	2	H				
AMN524	AGGREGATE INDUSTRIES	HASTING #2, DAKOTA CO		02	T114	R17W			H				
AMN526	NORTHWESTERN AGGR	LAKEVILLE, DAKOTA CO		01	T114	R20W			H				
AMN528	HANCOCK CONCRETE CO	POPE, POPE CO	NW	08	T125	R37W			H				
AMN532	ULLAND BROS	LARSON, FREEBORN CO		25	T102	R21W			H				
AMN536	AGGREGATE INDUSTRIES	ELK RIVER, SHERBURNE CO		9,10	TO33	R26W	DWU	2					
							DWU		X				
AMN538	ULLAND BROS	SHADE, MOWER CO	NW	04	T101	R18W	DWU		X				
AMN544	AGGREGATE INDUSTRIES	LAKEVILLE, DAKOTA CO		06	T114	R19W	DWU	2	H				
AMN546	M.R. PAVING & EXCAVATION	WALLNER, BROWN CO	NW	24	T110	R30W	DWU		H,L				1
AMN548	CEMSTONE	HENDERSON, SIBLEY CO		23	TO13	R26W	DWU	2	H				
AMN550	DAKOTA AGGREGATES	SACHS, DAKOTA CO	W2	24	T114	R19W	DWU	3i		3	3		
							DWU		X				
	DIST 3	CRUSHED STONE											
AMN024	MARTIN MARIETTA	YELLOW MEDICINE, YLW MED CO	SW	28	T116	R39W	DWU	3i		2	2	1	
AMN026	LG EVERIST INC	BIG STONE, BIG STONE CO		26	T121	R46W	DWU	3i		2	2		
AMN032	SOUTHERN MN CONST CO INC	COTTONWOOD, COTTONWOOD CO	SE	08	T107	R35W	DWU	3i		2	2		
AMN042	DUININCK BROS INC	SCOTT, ROCK CO	NW	14	T104	R45W	DWU	3i		2	2		
AMN048	RED ROCK QUARRY	RED ROCK, COTTONWOOD CO		12	T107	R36W				2	2		
	DIST 3	SAND & GRAVEL											
AMN508	SOUTHERN MN CONST CO INC	HANSON, JACKSON CO	NE	34	T101	R34W			H	4	4		
AMN540	DUININCK BROS INC	SCOTT, ROCK CO		21	T104	R44W			H				

NOTE 1: APPROVED FOR CLASS L FINE AGGREGATE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION					BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
MO	MISSOURI DIST 4	CRUSHED STONE												
AMO032	SCHILDBERG CONST CO INC	GRAHAM, NODAWAY CO		NW	36	TO63	R37W				4	4	1 - 4	L
AMO040	S & A CONSTRUCTION	SO ALLENDALE, WORTH CO	NW	SW	17	TO65	R30W							
AMO048	NORRIS AGGREGATES CO	BREIT, ANDREWS CO			28	TO59	R35W							
AMO052	NORRIS AGGREGATES CO	GOODEN, NODAWAY CO			31	TO65	R33W							
	DIST 4	SAND AND GRAVEL												
AMO520	PIERCE SAND	STANBERRY, GENTRY CO			15	TO63	R32W			H				
AMO522	PIERCE SAND	GUILFORD, NODAWAY CO			17	TO62	R34W			H				
	DIST 5	CRUSHED STONE												
AMO002	L&W QUARRIES INC	KAHOKA, CLARK CO		NE	17	TO65	R07W	DWU	2		4	4	2A - 3B	L
											4	4	14 - 16	L
AMO012	NORRIS AGGREGATES CO	DR JEFFERIES, HARRISON CO		NW	03	TO66	R26W				5	5	25C-25E	L
AMO018	NORRIS AGGREGATES CO	ROUTE C, DAVIESS CO		NE	30	TO61	R28W				5	5	2 - 5	L
AMO024	CENTRAL STONE CO	HUNTINGTON, RALLS CO		NE	17	TO56	R06W	2.68	3i		4	4	6 - 9	L
								2.68	3		4	4	6 - 11	L
AMO030	KNOX COUNTY STONE CO	EDINA, KNOX CO		NE	25	TO62	R12W				4	4	1 - 9	L
											4	4	10 - 17	L
AMO044	CENTRAL STONE CO	NEW LONDON, RALLS CO		NE	24	TO56	R05W							
AMO046	NORRIS AGGREGATES CO	BETHANY, HARRISON CO		SW	01	TO63	R28W				4	4	20A-20C	L
											5	5	25A-25E	L, 1
AMO050	NORRIS AGGREGATES CO	PRINCETON, MERCER CO		N2	03	TO64	R24W				4	4	20A-20C	L
												5	25A-25E	
	DIST 5	SAND AND GRAVEL												
AMO502	IDEAL SAND CO	WAYLAND, CLARK CO		SW	21	TO65	R06W				3	3		
								2.66		X				
AMO516	STONER SAND CO	MT MORIAH, HARRISON CO			12	TO64	R26W	2.65		X				
AMO518	CENTRAL STONE CO	TAYLOR, MARION CO		NW	01	TO59	R06W			H				

NOTE 1: LESS THE TOP 4'.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
NE	NEBRASKA DIST 4	CRUSHED STONE											
ANE002	MARTIN MARIETTA	WEEPING WATER MINE, CASS CO		03	TO10	R11E	2.68	3iB		5	5	10A- 10B	L
							2.68	3iB		5	5	9-10A&B	L, 1
							2.68	3		5	5	9-10A&B	L, 2
							2.68	2		5	5	9-10A&B	L, 3
ANE004	KERFORD LIMESTONE CO	WEEPING WATER MINE, CASS CO		32	TO11	R11E	2.67	3iB		5	5	10A- 10B	L
							2.67	3iB		5	5	9-10A&B	L, 1
							2.67	3		5	5	9-10A&B	L, 2
							2.67	2		5	5	9-10A&B	L, 3
ANE010	MARTIN MARIETTA	FT CALHOUN, WASHINGTON CO	SE	01	TO17	R12E				4	4	25B- 25C	L
										5	5	25B- 25E	L
										5	5	25E	L
ANE012	MARTIN MARIETTA	SPRINGFIELD, SARPY CO		28	TO13	R12E							
ANE014	WESTERN CONTRACTING CORP	SPLITT, CASS CO	NE	06	TO10	R14E							
	DIST 4	CLASS V AGGREGATE FOR CONCRETE											
ANE502	LYMAN-RICHEY S&G	CULLOM #5, CASS CO	SW	31	TO13	R12E	2.62	3		4	4		
							2.62		X				
ANE504	LYMAN-RICHEY S&G	WATERLOO #40, DOUGLAS CO	SE	19	TO15	R10E	2.62	3		4	4		
							2.62		X				
ANE514	LYMAN-RICHEY S&G	OREAPOLIS #8, CASS CO	SE	36	TO13	R13E	2.62	3		4	4		
							2.62		X				
ANE534	MALLARD S&G	SPRINGFIELD #3, SARPY CO		32	TO13	R12E	2.62	3		4	4		
							2.62		X				
ANE542	LYMAN-RICHEY S&G	PLANT #47, DODGE CO	NW	07	TO17	R09E	2.62	3		4	4		
							2.62		X				
ANE544	MALLARD S&G	VALLEY, DOUGLAS CO	NE	06	TO15	R10E	2.62	3		4	4		
							2.62		X				
ANE546	LYMAN-RICHEY S&G	PLANT #77, HALL CO	NE SW	27	TO11	R09W	2.62		X				
ANE548	MALLARD S&G	PLANT #6, DOUGLAS CO		32	TO15	R10E	2.62	3	H	4	4		
ANE550	LYMAN RICHEY S&G	PLANT #50, SARPY CO	28	29	TO13	R10E	2.62	3		4	4		
							2.62		X				
ANE552	MALLARD S&G	PLANT #7, DOUGLAS CO	SW	08	TO15	R10E	2.62		X				
ANE554	LYMAN-RICHEY S&G	PLANT #7, DOUGLAS CO		36	TO16	R09E	2.62	3		4	4		
							2.62		X				
ANE556	LYMAN-RICHEY S&G	CULLOM #3, CASS CO	SW	35	TO13	R12E	2.62	3		4	4		
							2.62		X				
ANE560	LYMAN-RICHEY S&G	PLANT 47B, DODGE CO		06	TO17	R09E	2.62	3		4	4		
							2.62		X				
	DIST 3	SAND & GRAVEL											
ANE538	STALP S&G	WEST POINT, CUMING CO	SE	28	TO22	R06E	2.64		X				

NOTE 1: 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 2: 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 3: 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 SSD SpGr	DUR PCC CA	DUR PCC FA	FRICT HMA A	FRICT HMA B	BEDS	NOTE
SD	SOUTH DAKOTA DIST 3	CRUSHED STONE											
ASD002	LG EVERIST INC	DELL RAPIDS E. MINNEHAHA CO	SW	10	T104	R49W	2.64	3iB		2	2		
ASD004	CONCRETE MATLS CO	SIOUX FALLS QUARTZITE		13	T101	R50W	2.64	3iB		2	2	1	
ASD006	MYRL & ROY'S PAVING INC	EAST SIOUX, MINNEHAHA CO	SE	27	T101	R48W	DWU	3i		2	2	1	
ASD008	SPENCER QUARRIES INC	SPENCER, HANSON CO		24	T103	R57W				2	2		
ASD010	LG EVERIST INC	DELL RAPIDS W. MINNEHAHA CO	NW	16	T104	R49W	2.64	3iB		2	2		
	DIST 3	SAND & GRAVEL											
ASD502	BOYER SAND AND GRAVEL	BOYER, UNION CO		10	TO95	R48W	DWU	2	H	4	4		
ASD508	CONCRETE MATERIALS CO	CANTON, LINCOLN CO		17	TO89	R48W				4	4		
							2.68		X				
ASD510	CONCRETE MATERIALS CO	MINNEHAHA CO		02	T101	R49W			H				
ASD514	HIGMAN S&G	HUDSON, UNION CO		02	TO95	R48W	DWU	2	H	4	4		
ASD516	HIGMAN S&G	VOLIN, CLAY CO		12	TO94	R54W			H				
ASD518	MYRL & ROY'S PAVING INC	MCVAY, LINCOLN CO	SE	17	TO98	R45W			H	3	3		
ASD520	BOYER SAND AND GRAVEL	BOYER NORTH, UNION CO	NE	01	TO95	R48W			H	3	3		
ASD522	LG EVERIST INC	BROOKINGS, BROOKINGS CO	S2	31	T110	R49W	DWU		X				
ASD524	HIGMAN S&G	SPINK, UNION CO		05	TO93	R50W			H				
ASD526	CONCRETE MATERIALS CO	CORSON, MINNEHAHA CO	23	24	T102	R48W	DWU	2					
							DWU		X				
WI	WISCONSIN DIST 2	CRUSHED STONE											
AWI022	MILESTONE MATERIALS	KINGS BLUFF, LA CROSSE CO	NE	25	TO18	R08W	DWU	3		4	4	1 - 4	D
							DWU	2		4	4	1 - 5	D, 1
AWI036	MILESTONE MATERIALS	TORK, WOOD CO.											
AWI038	ROCKY MTN ENTERPRISES	ATHEN, MARATHON CO	SE	24	TO30	R04E	DWU	3i		2	2		
AWI040	MILESTONE MATERIALS	JACKSON COUNTY IRON MINE		22	TO21	R03W				2	2		
AWI042	BOON CONSTRUCTION CO	CROSBY	NW SW	13	TO23	R03W				2	2		
AWI044	MILESTONE MATERIALS	SLAMA, CRAWFORD CO		17,18	TO07	R06W	DWU	3i		4	4	3 - 8A	D
AWI046	COUNTY MATERIALS CORP	HAHN, VERNON CO		13	TO13	R06W	DWU	3		4	4	2 - 4	D
	DIST 2	SAND & GRAVEL											
AWI502	PRAIRIE S&G CO	PRAIRIE DU CHIEN, CRAWFORD CO		24	TO07	R07W	2.67	3i		4	4		
							2.67		X				
AWI506	PRAIRIE S&G CO	KRAMER, CRAWFORD CO	NE	12	TO07	R07W				3	3		
							2.68		X				
AWI508	PRAIRIE S&G CO	BARN	SE	12	TO07	R07W	2.69		X				
AWI512	MILESTONE MATERIALS	GIBBS	NE	25	TO25	R09W			H				
AWI514	HOLST EXCAVATION	HOLST, PIERCE CO	NE	33	TO25	R18W	DWU	3i		3	3		
							DWU		X,L				2
AWI518	LYCON INC	BLAU, COLUMBIA CO		02	TO11	R08E			H				
AWI522	COUNTY MATERIALS CORP	RIB FALLS PLANT, MARATHON CO	NE	16	TO29	R05W	DWU		X				
AWI524	COUNTY MATERIALS CORP	HAEF, TREMPEALEAU CO	SW NE	19	TO18	R08W			H				
WI	WISCONSIN DIST 6	CRUSHED STONE											
AWI004	MILESTONE MATERIALS	ROCK SPRINGS, SAUK CO	SW	28	TO12	R05E				2	2		
	DIST 6	SAND & GRAVEL											
AWI504	HORSFIELD MATERIALS INC	VOGT FARM, GRANT CO		17	TO90	R03E	2.67	3i		3	3		
							2.67		X				
AWI510	RIVER CITY STONE	KRUG, GRANT CO	SW	17	TO01	R02W	DWU		X				

NOTE 1: BED 1- TOP 16' OF BED 5
NOTE 2: APPROVED FOR CLASS L FINE AGGREGATE

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
	DISTRICT 1							
A40006	MARTIN MARIETTA	GRAND GEORGE	SW	18	TO89	R25W	3-5	D
							7-9	D
							10-13	A, B, C, D, E
A42002	MARTIN MARIETTA	ALDEN	NW	20	TO89	R21W	3	A, B, C, D, E
A42004	GEHRKE QUARRIES INC	GIFFORD	NW	04	TO86	R19W	9-10	A, B, C, D, E
A50002	MARTIN MARIETTA	SULLY	SE	16	TO79	R17W	36-41	A, B, C, D, E
							42-47	A, B, C, D, E
A64002	MARTIN MARIETTA	FERGUSON	SW	05	TO82	R17W	0-7	D
							1-7	A, B, C, D, E
							8-17	A, B, C, D, E
A79002	MARTIN MARIETTA	MALCOM MINE	SE	04	TO80	R15W	10C-13	A, B, C, D, E
A85006	MARTIN MARIETTA	AMES MINE	SW	24	TO84	R24W	26	E
							30-35	E
							47-49	A, B, C, D, E
A86002	WENDLING QUARRIES INC	MONTOUR	NW	09	TO83	R06W	8-12	A, B, C, D, E
							8-20	D
A94002	MARTIN MARIETTA	FORT DODGE MINE	SW	24	TO89	R29W	36-42	A, B, C, D, E
DISTRICT 2								
A03002	BRUENING ROCK PROD INC	WEXFORD	NE	36	TO98	R03W	1B-8	A, B, D, E
A03014	BRUENING ROCK PROD INC	HAMMEL-BOONIES	SW	02	TO99	R06W	2-4C	A, B, D, E
A03028	BRUENING ROCK PROD INC	WELPER-JOHNSON	SW	35	TO99	R04W	FULL FACE	A, B, D, E
A03038	RIEHM CONST CO INC	RIEHM	SE	07	T100	R04W	1-4	A, B, C, D, E
A03040	BRUENING ROCK PROD INC	DEE	SE	21	TO99	R04W	5A-5D	A, B, D, E
A03050	BRUENING ROCK PROD INC	GREEN	NW	16	TO96	R06W	1-3	A, B, D, E
A03066	WILTGEN CONST CO	ELSBERN	NW	29	TO97	R06W	2	A, B, D, E
A07004	BMC AGGREGATES LC	WATERLOO SOUTH	NW	18	TO87	R12W	1-23	A, B, D, E
							17-23	A, B, D, E
A07008	BMC AGGREGATES LC	MORGAN	NE	15	TO89	R12W	5	A, B, C, D, E
A07018	BMC AGGREGATES LC	RAYMOND-PESKE	SW	01	TO88	R12W	1B-5	A, B, D, E
							1B-10	A, B, D, E
							6-10	A, B, D, E
A09006	NIEMANN CONST CO	TRIPOLI-PLATTE	SW	36	TO93	R13W	1-4	A, B, D, E
A09008	NIEMANN CONST CO	DENVER #2	NE	29	TO91	R13W	2	A, B, D, E
A12004	GREENE LIMESTONE CO	LUBBEN	NW	25	TO93	R17W	1-20	D
A12014	NIEMANN CONST CO	OLTMANN	SE	08	TO91	R16W	1-TOP ½ BED 10	D
A12020	GREENE LIMESTONE CO	BRUNS #2	NW	21	TO91	R18W	1-5	D
A17008	MARTIN MARIETTA	PORTLAND WEST		19	TO96	R19W	1-8	A, B, D, E
A17020	MARTIN MARIETTA	MASON CITY	NE	29	TO97	R20W	1-6, 7-9	A, B, D, E
A19002	GREENE LIMESTONE CO	TRACY	SE	29	TO94	R11W	9-10	A, B, D, E
A22002	KUHLMAN CONST CO	TWIN ROCK-SCHRADER	NW	14	TO94	R05W	3-11	A, B, D, E
A22004	SKYLINE MATERIALS LTD	BENTE/ELKADER/WATSON	SW	12	TO93	R05W	5-9	A, B, D, E
A22008	KUHLMAN CONST CO	ANDEREGG	SE	32	TO92	R02W	2-8	A, B, D, E
A22010	KUHLMAN CONST CO	OSTERDOCK	SE	02	TO91	R03W	3-8	A, B, D, E
A22012	KUHLMAN CONST CO	SCHMIDT	NE	33	TO91	R01W	2-6	A, B, D, E
A22014	SKYLINE MATERIALS LTD	BLUME	NE	09	TO93	R03W	1-12	A, B, D, E
A22016	KUHLMAN CONST CO	GISLESON	NW	06	TO95	R04W	1-15	A, B, D, E
A22020	KUHLMAN CONST CO	MUELLER	NE	30	TO94	R03W	1-8	A, B, D, E
A22026	KUHLMAN CONST CO	DOERRING-LUANA	SE	05	TO95	R05W	3-5	A, B, D, E
A22030	KUHLMAN CONST CO	EBERHARDT	NW	27	TO93	R05W	1-6	A, B, D, E
A22034	KUHLMAN CONST CO	KRUSE	NW	17	TO92	R04W	5-12	A, B, D, E
A22038	KUHLMAN CONST CO	FASSBINDER	SW	09	TO92	R03W	2-6	A, B, D, E
A22040	KUHLMAN CONST CO	HARTMAN	NW	29	TO91	R06W	1-4	A, B, D, E
A22042	SKYLINE MATERIALS LTD	MORAREND	CT	35	TO92	R03W	1-9	A, B, D, E
A22046	KUHLMAN CONST CO	JOY SPRINGS-BURRACK	NW	19	TO91	R06W	1-2	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
DISTRICT 2 (Continued)								
A22048	SKYLINE MATERIALS LTD	TUCKER	SW	18	TO91	R05W	1-3	D
A22060	CROELL REDI MIX	JOHNSON	NW	26	TO93	R04W	2-5	A, B, D, E
A22062	CJ MOYNA & SONS	SNY MAGILL	SE	22	TO94	R03W	6-10	A, B, D, E
A22070	BRUENING ROCK PROD INC	BERNHARD/GIARD	NW	35	TO95	R04W	1-3	A, B, D, E
A22074	RIVER CITY STONE	STRAWBERRY POINT	NE	19	TO91	R06W	1-2	A, B, D, E
A22082	NIEMANN CONST CO	REIERSON	NW	20	TO94	R06W	1	D
A22084	CJ MOYNA & SONS	MOYNA		14	TO93	R05W	6-9	A, B, D, E
A33002	NIEMANN CONST CO	ELDORADO-JACOBSON	SW	17	TO95	R08W	4-6B	A, B, D, E
A33004	NIEMANN CONST CO	HOUG	SW	11	TO94	R08W	3-8	A, B, D, E
A33006	NIEMANN CONST CO	MARYVILLE	S2	24	TO91	R07W	1-2	A, B, D, E
A33010	WILTGEN CONST CO	VOSHELL	NW	21	TO93	R07W	1-4	A, B, D, E
A33016	NIEMANN CONST CO	MAYNARD	NE	23	TO92	R09W	FULL FACE	D
A33018	NIEMANN CONST CO	FAIRBANK	SW	28	TO91	R10W	1-5C	D
							5A-5C	A, B, D, E
A33020	NIEMANN CONST CO	YEAROUS	SW	19	TO93	R08W	1-10C	D
A33022	NIEMANN CONST CO	MILLER	SW	35	TO95	R10W	1-6	D
A33024	NIEMANN CONST CO	WAUCOMA	NW	25	TO95	R10W	1-TOP 4' BED 5	A, B, D, E
A33026	WILTGEN CONST CO	LYNCH	NW	05	TO95	R10W	6-8	A, B, D, E
A33030	NIEMANN CONST CO	SCHWAMMAN-ST LUCAS	NE	29	TO95	R09W	FULL FACE	A, B, D, E
A33032	BRUENING ROCK PROD INC	LANDIS	SE	12	TO93	R08W	1-5	A, B, D, E
A33034	NIEMANN CONST CO	MCDONOUGH	SE	36	TO94	R08W	1-3	D
A33036	NIEMANN CONST CO	GRAHAM-HAWKEYE	SW	06	TO94	R09W	1-4	A, B, D, E
A33038	NIEMANN CONST CO	PAPE	NE	28	TO95	R08W	1-3	A, B, D, E
							3-5	A, B, D, E
A34004	GREENE LIMESTONE CO	MAXON	SE	07	TO94	R17W	4C-19	A, B, D, E
A34006	GREENE LIMESTONE CO	JOHLAS	SW	07	TO94	R15W	1-7	D
A34008	GREENE LIMESTONE CO	WARNHOLTZ	SW	09	TO96	R16W	5-16	D
							17-18	A, B, D, E
A35002	MARTIN MARIETTA	DOWS	NE	30	TO91	R22W	1-12	A, B, D, E
							1-13	D
A35006	MARTIN MARIETTA	HIBNESS	SE	22	TO91	R20W	1-12A	A, B, D, E
A41002	BMC AGGREGATES LC	GARNER NORTH	SE	11	TO95	R24W	6	A, B, D, E
A45002	SKYLINE MATERIALS LTD	ECKERMAN	NW	33	T100	R11W	7-9	A, B, D, E
A45006	BRUENING ROCK PROD INC	NELSON	NE	33	TO99	R13W	8-9	A, B, D, E
A45008	BRUENING ROCK PROD INC	DOTZLER	NE	23	TO99	R12W	7-10A	A, B, D, E
A45010	BRUENING ROCK PROD INC	DALEY	NE	11	TO98	R11W	9-10	A, B, D, E
A46006	MARTIN MARIETTA	HODGES	NE	32	TO92	R28W	4-18	D
A46014	MARTIN MARIETTA	PEDERSEN	SW	28	TO92	R28W	4-13, 4-20	D
A66002	FALK CONST CO	DUENOW	SE	08	TO99	R17W	6-8	A, B, D, E
A76002	MARTIN MARIETTA	GILMORE CITY	NE	36	TO92	R31W	1A-3	A, B, D, E
A76004	MARTIN MARIETTA	MOORE	SW	25	TO92	R31W	1A-3	A, B, D, E
A96002	SKYLINE MATERIALS LTD	KENDALLVILLE	NE	33	T100	R10W	2-9	A, B, D, E
A96004	SKYLINE MATERIALS LTD	HOVEY	SW	28	TO98	R08W	2-6	A, B, D, E
A96014	NIEMANN CONST CO	FESTINA	SW	26	TO96	R09W	1-3	A, B, D, E
A96017	BRUENING ROCK PROD INC	SKYLINE B	CT	10	TO98	R08W	4-11	A, B, D, E
A96048	NIEMANN CONST CO	LOVE #1	NW	30	TO96	R10W	1-10	D
A96049	NIEMANN CONST CO	LOVE #2	NW	30	TO96	R10W	1-10	D
A96052	SKYLINE MATERIALS LTD	ESTREM	SW	04	TO97	R07W	2-8	A, B, D, E
A96060	SKYLINE MATERIALS LTD	BURR OAK	SE	23	T100	R09W	3-5	A, B, D, E
A96064	RIVER CITY STONE	STIKA	NW	15	TO97	R10W	5A-8B	A, B, D, E
A96090	BRUENING ROCK PROD INC	MCKENNA SOUTH	SE	28	TO99	R09W	6A-7	A, B, D, E
A98002	MARTIN MARIETTA	HARRIS	SW	29	T100	R20W	2-11	A, B, D, E
							6-11	A, B, D, E
A98010	BMC AGGREGATES LC	FERTILE	SW	36	TO98	R22W	15-20	A, B, D, E
A98016	ULLAND BROS	EMIL OLSON-BOLTON	SW	10	TO99	R20W	2-5B	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
DISTRICT 2 (Continued)								
A98020	FALK CONST CO	TRENHAILE	NE	09	TO99	R20W	2A-2B	A, B, D, E
A99002	KNIFE RIVER MIDWEST LLC	VOSS		36	TO90	R26W	8	A, B, D, E
AMN004	MILESTONE MATERIALS	POOL HILL, HOUSTON CO	SW	33	T101	R04W	1-8	A, B, D, E
AMN030	MILESTONE MATERIALS	GENGLER, HOUSTON CO	SW	16	T102	R05W	1-4	A, B, D, E
AMN034	MILESTONE MATERIALS	ENGRAV, HOUSTON CO	NW	24	T101	R08W	1A-2B	A, B, D, E
DISTRICT 3								
AMN024	MARTIN MARIETTA	YELLOW MEDICINE, YELLOW MED	SW	28	T116	R39W	GRANITE	A, B, D, E
AMN032	SOUTHERN MN CONST CO INC	COTTONWOOD, COTTONWOOD CO	SE	08	T107	R35W	ENTIRE LEDGE*	A, B, D, E
AMN050	LG EVERIST INC	JASPER STONE, ROCK CO	NE	06	T104	R46W		A, B, C, D, E
ASD002	LG EVERIST INC	DELL RAPIDS, MINNEHAHA CO	SW	10	T104	R49W	ENTIRE LEDGE*	A, B, D, E
ASD004	CONCRETE MATERIALS CO	SIOUX FALLS QUARTZITE		13	T101	R50W	ENTIRE LEDGE*	A, B, D, E
ASD006	MYRL & ROY'S PAVING INC	EAST SIOUX, MINNEHAHA CO	SE	27	T101	R48W	ENTIRE LEDGE*	A, B, D, E
ASD008	SPENCER QUARRIES INC	SPENCER, HANSON CO		24	T103	R57W	ENTIRE LEDGE*	A, B, D, E

*ISOLATED POCKETS OF SANDSTONE MAY BE CAUSE TO REJECT ALL OR PORTIONS OF A SHOT; ALSO, THE PIPESTONE DEPOSITS WILL DEFINE THE LOWER LIMITS OF LEDGE. IN BOTH INSTANCES A VISUAL EXAMINATION WILL REVEAL THE PRESENCE OF EITHER UNCONSOLIDATED SANDSTONE OR PIPESTONE MATERIAL.

DISTRICT 4								
A01002	SCHILDBERG CONST CO INC	MENLO	SE	17	TO77	R31W	15A-15C	A, B, C, D, E
A01008	SCHILDBERG CONST CO INC	JEFFERSON	NE	17	TO77	R31W	25B-25E	D
A02002	SCHILDBERG CONST CO INC	MT ETNA	SW	14	TO73	R34W	11-13	D
A02004	SCHILDBERG CONST CO INC	CORNING		10	TO71	R34W	3-5	D
A15008	SCHILDBERG CONST CO INC	ATLANTIC MINE	NE	13	TO76	R37W	25B-25E	D
A43002	SCHLDBERG CONST CO INC	LOGAN		19	TO79	R42W	25B-25E & 3' OF 26	A, B, C, D, E
A43004	BEDROCK SAND & GRAVEL	LOGAN		17	TO79	R42W	25B-25E & 3' OF 26	A, B, C, D, E
A61002	SCHILDBERG CONST CO INC	EARLY CHAPEL-DAGGETT	NW	10	TO76	R29W	14B	A, B, C, D, E
A61013	SCHILDBERG CONST CO INC	WINTERSET WEST	SW	28	TO76	R27W	25B-25C	E
A61024	MARTIN MARIETTA	PENN-DIXIE	SW	32	TO76	R27W	TOP 4' OF BED 20A	D, E
A61026	MARTIN MARIETTA	MASON	SW	16	TO77	R28W	TOP 4' OF BED 20A	D, E
							25B-25C	D
A61032	MARTIN MARIETTA	THRAILKILL	NE	08	TO77	R28W	TOP 4' OF BED 20A	D, E
							25B-25C	D
A61036	SCHILDBERG CONST CO INC	MONARCH CEMENT OF IOWA	NE	08	TO77	R28W	25B-25E	A, B, C, D, E
A69002	SCHILDBERG CONST CO INC	STENNETT	NE	27	TO73	R38W	KERFORD	D
A73004	SCHILDBERG CONST CO INC	SHAMBAUGH	SW	20	TO67	R36W	4-6	D
A78002	SCHILDBERG CONST CO INC	CRESCENT	SW	26	TO76	R44W	25B-25E	A, B, C, D, E
							26A-26E	A, B, C, D, E
							20A-20C, 27A-27B	D
A78006	SCHILDBERG CONST CO INC	MACEDONIA	NE	28	TO74	R40W	16	D
A88002	SCHILDBERG CONST CO INC	THAYER	NE	35	TO72	R28W	20B	D
							25B-25E	A, B, C, D, E
AMO040	S&A CONSTRUCTION	SOUTH ALLENDALE, WORTH CO	SW	17	TO65	R30W	CAPTAIN CREEK	A, B, C, D, E
ANE002	MARTIN MARIETTA	WEEPING WATER, CASS CO		03	TO10	R11E	10A-10B	E
							9-10B	E
ANE010	MARTIN MARIETTA	FORT CALHOUN, WASHINGTON CO	SE	01	TO17	R12E	25B-25E	A, B, C, D, E
							25B-25C	D
							26A-26E	A, B, C, D, E
DISTRICT 5								
A04004	L&W QUARRIES	MARTIN #3	E2	20	TO70	R19W	1-3	D
							6	D, E
A04016	L&W QUARRIES	LEMLEY EAST #5	CT	35	TO70	R19W	1-3	D
							6	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION					BEDS	REVETMENT CLASS
DISTRICT 5 (Continued)									
A04018	L&W QUARRIES	CLARKDALE #8		SE	15	TO69	R18W	1A	D, E
								1C	A, B, D, E
								4	D, E
A20002	SCHILDBERG CONST CO INC	OSCEOLA		NW	12	TO72	R26W	25A-25E	D
								20A	A, B, C, D, E
								25B-25C	A, B, C, D, E
A26004	DOUDS STONE INC	LEWIS		W2	02	TO69	R12W	3-5	D
								6-7	D, E
								3-7	D, E
A26006	DOUDS STONE INC	BROWN	SW	NW	02	TO69	R12W	1	D, E
								3-7	D, E
A27002	SCHILDBERG CONST CO INC	GRAND RIVER		NW	22	TO70	R27W	TOP 5.5” OF 25E	D
A27008	SCHILDBERG CONST CO INC	DECATUR		SE	32	TO69	R27W	20C	D
								25C	D
A29002	L&W QUARRIES	MEDIAPOLIS		SE	01	TO71	R04W	3-7	A, B, D, E
								15-18	A, B, D, E
A29008	CESSFORD CONST CO	NELSON		NE	26	TO72	R02W	7-14	A, B, D, E
								7-20	A, B, D, E
								15-20	D
								15-24	D
								21-24	A, B, D, E
								25-27	D
A29012	CESSFORD CONST CO	GEODE		NE	01	TO69	R05W	1-5	D, E
								9-13	D, E
								17	A, B, D, E
A44008	DOUDS STONE INC	NELSON-TWEEDY		SE	36	TO71	R06W	9-14	D, E
								13-14	D, E
A51006	WINN CORP	JEFFERSON		NE	09	TO71	R10W	5-8	A, B, D, E
								LOWER 4’ OF BED 8	A, B, D, E
								10-12	A, B, D, E
A54002	DOUDS STONE INC	KESWICK		NW	21	TO77	R12W	13-15	A, B, D, E
								13-TOP 4’ OF17	D
								BTM 21’ OF BED 17	D
A54004	DOUDS STONE INC	OLLIE		SW	01	TO74	R11W	9-12	A, B, D, E
								9-13	D
								9-18	A, B, D, E
								13-18	A, B, D, E
								19-26	D
								27-29	A, B, D, E
								30-33	D
								30-37	A, B, D, E
A54008	DOUDS STONE INC	HARPER		SE	11	TO76	R11W	13-22	A, B, D, E
								32-37	A, B, D, E
								38-40	A, B, D, E
A54010	DOUDS STONE INC	LYLE		NW	13	TO74	R13W	36-38	A, B, D, E
								40	A, B, D, E
A56002	CESSFORD CONST CO	HAWKEYE		NE	10	TO68	R06W	1-21	D
								22-27	A, B, D, E
A56008	CESSFORD CONST CO	DONNELLSON		SE	05	TO67	R06W	10-13	A, B, D, E
A56016	GREAT RIVER MATERIALS LLC	HERITAGE			26	TO69	R04W	3-5	A, B, D, E
A63002	MARTIN MARIETTA	DURHAM MINE		NE	08	TO75	R18W	88-95	D, E
								95-96	D, E
A63010	BRUENING ROCK PROD INC	S&S		SE	25	TO75	R20W	25	A, B, D, E
A89002	DOUDS STONE INC	DOUDS MINE		SE	25	TO70	R11W	5-13	D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
DISTRICT 5 (Continued)								
A89006	CESSFORD CONST CO	FARMINGTON-COMANCHE	NE	05	TO67	R08W	5-12	D
							14-15	D
							16-17	A, B, D, E
							18-23	D
A89008	DOUDS STONE INC	SELMA-GARDNER	NW	16	TO70	R11W	11	A, B, D, E
							14-21	A, B, D, E
							14-31	A, B, D, E
							22-31	A, B, D, E
A92002	DOUDS STONE INC	WESTCHESTER	NE	19	TO76	R08W	8-9	A, B, D, E
							14-16	A, B, D, E
A92008	RIVER PRODUCTS CO	PEPPER-KEOTA FIELD	SW	31	TO76	R09W	2-20	D
							22-28	D
							29-36	D
A92014	DOUDS STONE INC	COPPOCK NORTH	SE	19	TO74	R07W	6-8	A, B, D, E
AIL002	CESSFORD CONST CO	BIGGSVILLE, HENDERSON CO		17	TO10	R04W	6-8	A, B, D, E
AIL014	CESSFORD CONST CO	DALLAS CITY, HENDERSON CO	SW	36	TO08	R07W	5-6	A, B, D, E
AIL020	GRAY QUARRY INC	GRAY, HANCOCK CO	NE	31	TO05	R08W	2	A, B, D, E
AMO002	L&W QUARRIES	KAHOKA, CLARK CO	NE	17	TO65	R07W	2A-3B	A, B, D, E
AMO012	NORRIS AGGREGATES CO	DR JEFFERIES, HARRISON CO	NW	03	TO66	R26W	25C-25D	D, E
AMO024	CENTRAL STONE	HUNTINGTON, RALLS CO	NE	17	TO56	R06W	6-11	A, B, D, E
AMO050	NORRIS AGGREGATES CO	PRINCETON	N2	03	TO64	R24W	20A	A, B, C, D, E
DISTRICT 6								
A06006	WENDLING QUARRIES INC	GARRISON B	NE	33	TO85	R11W	6-TOP 2' OF BED 27	A, B, D, E
							6-36	EROSION
A06012	COOTS MATERIALS CO INC	JABENS	SW	07	TO85	R11W	6-11, 12	A, B, D, E
							20-23	A, B, D, E
A06014	WENDLING QUARRIES INC	VINTON-MILROY	S2	10	TO85	R10W	1-7	D
A06016	COOTS MATERIALS CO INC	COOTS	SW	36	TO86	R11W	2A ON DOWN	D
A10002	NIEMANN CONST CO	LAMONT-WESTON	NW	14	TO90	R07W	1-6	A, B, D, E
A10004	NIEMANN CONST CO	JESUP-BLOOM	SW	32	TO89	R10W	2-5	A, B, E
							2-8	D
A10008	BRUENING ROCK PROD INC	OELWEIN-MISHLER	NW	02	TO90	R09W	4-5	A, B, D, E
A10010	NIEMANN CONST CO	HAZELTON	NW	11	TO90	R09W	4A-4D	A, B, D, E
A10016	NIEMANN CONST CO	OELWEIN #2	SE	03	TO90	R09W	13-17	A, B, D, E
A10022	BRUENING ROCK PROD INC	BROOKS	NW	02	TO88	R09W	4-5	EROSION
A10024	NIEMANN CONST CO	RASMUSSEN #2	SE	21	TO88	R08W	1-6 + QUARRY FLR	D
A10030	NIEMANN CONST CO	SOUTH AURORA	NW	19	TO90	R07W	1-3	A, B, D, E
A16004	WENDLING QUARRIES INC	LOWDEN-SCHNECKLOTH	NW	04	TO81	R01W	1-4	A, B, D, E
A16006	WENDLING QUARRIES INC	STONEMILL	SE	14	TO80	R03W	4A-4D	A, B, D, E
A16010	WENDLING QUARRIES INC	PEDEN	NE	10	TO79	R03W	1-3	D, EROSION
A16012	WEBER STONE CO	ONION GROVE	SE	14	TO82	R02W	1-7	A, B, D, E
A16014	WENDLING QUARRIES INC	TOWNSEND	NW	02	TO79	R02W	2-10	A, B, D, E
A16022	WENDLING QUARRIES INC	TRICON	N2	09	TO82	R04W	1	A, B, D, E
A23002	PRESTON READY MIX	ELWOOD-YEAGER	NW	08	TO83	R02E	1-2	A, B, D, E
A23004	WENDLING QUARRIES INC	BEHR	SW	02	TO81	R03E	1-2	A, B, D, E
A23006	WENDLING QUARRIES INC	SHAFFTON	NE	11	TO80	R05E	16-20	A, B, D, E
							3-14	D, EROSION
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW	22	TO83	R05E	2-4	E
A23012	WENDLING QUARRIES INC	TEEDS GROVE	SW	03	TO83	R06E	2-4	A, B, D, E
A23016	WENDLING QUARRIES INC	LYONS	NW	18	TO82	R07E	UPPER OR LOWER LEDGE	E
A28008	KUHLMAN CONST	EDGEWOOD WEST	CT	04	TO90	R05W	2-7	A, B, D, E
A28014	KUHLMAN CONST	LOGAN	SW	10	TO88	R05W	2-8	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
DISTRICT 6 (Continued)								
A28016	KUHLMAN CONST	WHITE	NW	02	TO88	R04W	1-2	A, B, D, E
A28020	BARD CONCRETE	DEUTMEYER	SW	13	TO88	R03W	1-6	A, B, D
A28030	KUHLMAN CONST	GRIEF	NE	18	TO87	R03W	1-2	A, B, D, E
A28038	KUHLMAN CONST	EDGEWOOD EAST	NW	06	TO90	R04W	1B-5	A, B, D, E
							2-6	E
A28040	BARD CONCRETE	KRAPFL	SE	23	TO89	R03W	1-5	A, B, D
							4	E
A28052	RIVER CITY STONE	MANCHESTER	SW	09	TO88	R05W	6-8	A, B, E
							TOP LEDGES– NORTH	D
A28056	RIVER CITY STONE	THORPE	NW	33	TO90	R05W	FULL FACE	A, B, D, E
A28058	RIVER CITY STONE	ROSSOW/MANCHESTER	NW	16	TO88	R05W	2-8	A, B, D, E
A31002	RIVER CITY STONE	ROSE SPUR		27	TO90	R02E	1-8	A, B, D, E
A31006	KUHLMAN CONST	DYERSVILLE-SUNDHEIM	SE	32	TO89	R02W	5-12	A, B, D, E
A31008	RIVER CITY STONE	KLEIN-RICHARDSVILLE	NW	33	TO90	R01E	2-4B	A, B, D
							3A-4B	E
A31010	RIVER CITY STONE	BROWN	NW	33	TO89	R02E	FULL FACE	D
							3-9	A, B, E
A31014	BARD CONCRETE	KURT	N2	35	TO87	R02W	1-2	A, B, D, E
A31018	RIVER CITY STONE	MELOY	NW	23	TO87	R01E	FULL FACE	A, B, D
							1-3	E
A31020	RIVER CITY STONE	SCHLITCHE	SE	11	TO89	R02W	1-4	A, B, D, E
A31026	WENDLING QUARRIES INC	ARNSDORF	SE	25	TO87	R02E	1-2	A, B, D, E
A31028	RIVER CITY STONE	THOLE	NW	21	TO87	R02E	2-3	A, B
							3	D, E
A31030	RIVER CITY STONE	KEMP	NE	09	TO89	R01W	FULL FACE	A, B, D, E
A31034	RIVER CITY STONE	HERMSEN	NE	33	TO90	R02W	1-2	A, B, D, E
A31036	RIVER CITY STONE	BALLTOWN	SE	05	TO90	R01E	1-7	A, B, D, E
A31040	RIVER CITY STONE	KENNEDY	NW	03	TO88	R01W	FULL FACE	A, B, D, E
A31044	RIVER CITY STONE	GASSMAN	SE	07	TO88	R03E	2-9	A
							2-10	B, D
							5-9	E
A31046	WENDLING QUARRIES INC	DECKER	SE	24	TO87	R02E	2-5	A, B, D, E
A31050	RIVER CITY STONE	PLOESSEL-DYERSVILLE	N2	07	TO88	R02W	2-5	A, B, D
							3-5	E
A31052	WEBER STONE CO	EPWORTH-KIDDER	SW	02	TO88	R01W	FULL FACE	A, B, D, E
A31056	RIVER CITY STONE	RUBIE	SE	06	TO88	R03E	5-9	A, B, E
							FULL FACE	D
A31058	RIVER CITY STONE	HOLY CROSS	SW	12	TO90	R02W	FULL FACE	A, B, D, E
A31060	BARD CONCRETE	CASCADE EAST	SE	22	TO87	R01W	1-5	A, B, D
							2-5	E
A31064	RIVER CITY STONE	WEBER	NE	32	TO89	R02E	3-9A	A, B, D, E
A31066	RIVER CITY STONE	FILLMORE	SW	26	TO87	R01W	FULL FACE	A, B, D
							2-4	E
A49002	BELLEVUE S & G CO	BELLEVUE	SW	25	TO87	R04E	1-3	A, B, D, E
A49008	WENDLING QUARRIES INC	IRON HILL	SW	16	TO85	R02E	1-6	A, B, D, E
A49010	WENDLING QUARRIES INC	ANDREW	NW	21	TO85	R03E	1B-5B	A, B, D, E
A49012	WENDLING QUARRIES INC	FROST	SE	16	TO84	R03E	1A-1E	A, B, D, E
A49016	WENDLING QUARRIES INC	WEIS	SE	22	TO85	R04E	7	A, B, D, E
A49018	WENDLING QUARRIES INC	PATASKA	NW	23	TO85	R05E	1	A, B, D, E
A49020	WENDLING QUARRIES INC	PRESTON	SW	26	TO84	R05E	1-10	D, E
							7-10	A, B, D, E
A49021	PRESTON READY MIX	PRESTON R/M	SW	26	TO84	R05E	7-10	A, B, D, E
A49022	WENDLING QUARRIES INC	BELLEVUE	SE	23	TO86	R04E	1B-3	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
DISTRICT 6 (Continued)								
A49024	WENDLING QUARRIES INC	MAQUOKETA EAST	SW	07	TO84	R03E	1-8	A, B, D, E
A49040	WENDLING QUARRIES INC	JOINERVILLE	SE	20	TO84	R02E	1-3	A, B, D, E
A52002	WENDLING QUARRIES INC	FOUR COUNTY	NW	04	TO81	R08W	9-16	D
A53002	BARD CONCRETE	FARMERS-BEHRENDS	NE	14	TO86	R03W	1-5	A, B, D, E
A53004	WENDLING QUARRIES INC	MONTICELLO	NE	24	TO86	R04W	FULL FACE	A, B, D, E
A53010	WENDLING QUARRIES INC	BALLOU-OLIN	NE	24	TO83	R03W	FULL FACE	A, B, D, E
A53012	WENDLING QUARRIES INC	WYOMING		33	TO84	R01W	1-2C	A, B, D, E
A53014	WEBER STONE CO	JACOBS-SCOTCH GROVE	SW	07	TO85	R02W	FULL FACE	A, B, D, E
A53016	WEBER STONE CO	STONE CITY	E2	06	TO84	R04W	1, 3	A, B, D, E
A53018	RIVER CITY STONE	FINN	NE	06	TO85	R01W	2-5	A, B, E
							FULL FACE	D
							4-5	E
A53024	RIVER CITY STONE	SULLIVAN	NW	14	TO86	R03W	FULL FACE	A, B, D, E
A53026	RIVER CITY STONE	ANAMOSA	SW	15	TO84	R04W	REEF MATERIAL	A, B, D, E
A57002	WENDLING QUARRIES INC	BETENBENDER-COGGON	SW	03	TO86	R06W	1-10	A, B, D, E
A57006	WENDLING QUARRIES INC	ROBINS	NE	21	TO84	R07W	1-3	D
A57008	WENDLING QUARRIES INC	BOWSER-SPRINGVILLE	SW	29	TO84	R05W	1-8	A, B, D, E
A57010	WENDLING QUARRIES INC	TROY MILLS	SE	09	TO86	R07W	FULL FACE	D
A57014	WENDLING QUARRIES INC	SWEETING	NW	18	TO85	R08W	1-4	D
A57018	MARTIN MARIETTA	CEDAR RAPIDS	NE	15	TO82	R06W	2-9	A, B, D, E
A57028	WENDLING QUARRIES INC	BEVERLY	NW	07	TO82	R07W	6-7	A, B, E
							1-7	D
A57030	BRUENING ROCK PROD INC	HENNESSEY	NE	01	TO82	R07W	9-14, 15-16	D
A70002	WENDLING QUARRIES INC	MOSCOW	NW	08	TO78	R02W	11-17	D, E
							21A-24	A, B, D, E
							1-9	EROSION
							8-17	EROSION
A82002	RIVERSTONE GROUP INC	MCCAUSLAND	W2	17	TO80	R04E	1-19*	A, B, D, E
A82004	RIVERSTONE GROUP INC	NEW LIBERTY	NE	33	TO80	R01E	1-2, 3-4	A, B, D, E
A82006	RIVERSTONE GROUP INC	LECLAIRE	NW	35	TO79	R05E	2-32	A, B, D, E
							2-13	A, B, D, E
							14-29	A, B, D, E
AIL006	RIVERSTONE GROUP INC	MIDWAY (MC 45), ROCK IS CO	SW	16	TO18	R02E	1-10	A, B, D, E
AIL010	RIVERSTONE GROUP INC	ALLIED (MC 30), ROCK ISLAND CO		14	TO17	R02W	7-13, 14, 16-18	A, B, D, E
AIL016	RIVERSTONE GROUP INC	CLEVELAND (MC 31), HENRY CO	SW	31	TO17	R02E	1-4, 5, 6, 7, 8	A, B, D, E

* A82002- BEDS 7-9 NOT TO EXCEED 25% OF LIFT WHEN PRODUCING REVETMENT STONE.

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
A			
A-LINE CRUSHING SERVICE	1025 CENTER STREET	CEDAR FALLS, IA 50613	319-277-3001
ACME FUEL & MATERIALS CO	2544 PETTIBONE AVENUE	MUSCATINE, IA 52761	563-263-1105
AGGREGATE INDUSTRIES	2915 WATERS ROAD STE 105	EAGAN, MN 55121	651-686-2302
AGGREGATE MATERIALS CO	1400 E 12TH STREET	DUBUQUE, IA 52001	563-583-6642
AGGREGATES INC	6101 BLAIRS FERRY ROAD NE	CEDAR RAPIDS, IA 52411	319-395-0050
ALLIANCE MATERIALS INC	1822 WOLVERINE RD	DIXON, IL 61021	815-284-2130
ANDERSON SAND & GRAVEL CO	2578 270TH AVENUE	DEWITT, IA 52742	563-659-5506
ARCADIA LIMESTONE CO	19011 CRYSTAL AVENUE	ARCADIA, IA 51430	712-689-2299
B			
BMC AGGREGATES LC	101 BMC DRIVE	ELK RUN HEIGHTS, IA 50707	319-235-6583
			319-235-7065 (FAX)
BARD CONCRETE CO	2021 325TH AVENUE	DYERSVILLE, IA 52040	563-875-7145
			563-875-7860 (FAX)
BEDROCK GRAVEL CO	1002 HWY 59 SOUTH	SCHLESWIG, IA 51461	712-676-3752
BELLCO OF NEBRASKA INC	2826 SOUTH AVENUE	COUNCIL BLUFFS, IA 51503	712-322-8501
			712-322-8526 (FAX)
BELLEVUE SAND & GRAVEL CO	29427 HWY 52	BELLEVUE, IA 52031	563-872-3886
BENTON'S SAND & GRAVEL	1410 CENTER STREET	CEDAR FALLS, IA 50613	319-266-2621
			319-266-5926 (FAX)
BIG STONES QUARRY, INC	2487 290TH STREET	PERU, IA 50222	515-988-4106
			515-440-0944 (FAX)
BLAZEK CORPORATION	1830 RIDGEWAY BLVD	LAWLER, IA 52154	563-238-7150
BOON CONSTRUCTION CO	N 5399 STATE HWY 73	NEILLSVILLE, WI 54456	
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 AVENUE-POB 312	FORT MADISON, IA 52627	319-372-7138
BRUENING ROCK PRODUCTS INC	325 WASHINGTON STREET-POB 127	DECORAH, IA 52101	563-382-2933
/SKYLINE CONSTRUCTION			563-382-8375 (FAX)
BUILDERS SAND & CEMENT CO	104 WESTERN AVENUE	DAVENPORT, IA 52801	563-322-1757
C			
C. J. MOYNA & SONS INC	24412 HWY 13	ELKADER, IA 52043	563-245-1442
CARNARVON SAND & GRAVEL	811 N 10TH ST	DENISON, IA 51442	712-664-2511
CEMSTONE PRODUCTS COMPANY	2025 CENTRE POINT BLVD- SUITE 300	MENDOTA SPRINGS, MN 55120-1221	651-688-9292
CENTRAL STONE CO #1	RR 1-POB 236	HANNIBAL, MO 63401-9622	573-735-4525
CESSFORD CONST CO	2320 ZELLER AVENUE	LE GRAND, IA 50142	641-479-2695
			641-479-2003 (FAX)
CESSFORD CONST CO - SE DIV	3808 OLD HWY 61	BURLINGTON, IA 52601	319-753-2297
			319-753-0926 (FAX)
COHRS CONSTRUCTION INC	15700 NORTH TRADEWIND DRIVE	SPIRIT LAKE, IA 51360	712-832-3714
CONCRETE INC	1710 EAST MAIN ST	MARSHALLTOWN, IA 50158	641-752-3696
CONCRETE MATERIALS CO	1201 WEST RUSSELL	SIOUX FALLS, SD 57104	605-357-6000
CONRECO INC	4901 G STREET	OMAHA, NE 68117	402-733-4100
			402-733-5774 (FAX)
COOTS MATERIALS CO INC	1700 WEST D STREET	VINTON, IA 52349	319-472-3046
			319-472-4485 (FAX)
CORELL RECYCLING	200 SOUTH 13TH STREET	WEST DES MOINES, IA 50265	515-223-8010
COUNTY MATERIALS CORP	205 NORTH ST-POB 100	MARATHON, WI 54448	715-848-1365
CRAWFORD QUARRY CO	HWY 94 NW-POB 1027	CEDAR RAPIDS, IA 52406	319-396-5705
CROELL REDI MIX	POB 430	NEW HAMPTON, IA 50659	641-394-3770
CRUSHED AGGREGATE PRODUCTS	1720 E AVE	RED OAK, IA 51566	712-579-5062

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
D			
DAVE'S SAND & GRAVEL INC	RR 2-POB 58A	HARTLEY, IA 51346	712-834-2515
DELONG RECYCLING, INC	1320 N 8TH AVENUE, POB 488	WASHINGTON, IA 52353	319-653-3334
DES MOINES ASPHALT & PAVING	5109 NW BEAVER DRIVE	JOHNSTON, IA50131	515-262-8296
DOUDS STONE INC	13133 ANGLE RD SUITE B-POB 187	OTTUMWA, IA 52501	641-683-1671
			641-683-1673 (FAX)
DUININCK BROS INC	408 6TH ST-POB 208	PRINSBURG, MN 56281	320-978-6011
F			
FALK L R- CONSTRUCTION CO	227 W 4TH STREET-POB 189	ST ANSGAR, IA 50472-0189	641-713-4569
FALKSTONE LLC	227 W 4TH STREET-POB 189	ST ANSGAR, IA 50472-0189	641-713-4569
FLEWELLING SAND & GRAVEL	1157 HWY 140	MOVILLE, IA 51039	712-873-3174
FLOYD RIVER MATERIALS	32138 HICKORY AVE	SIOUX CITY, IA 51101	712-233-1111
FORT CALHOUN STONE CO	7001 US HWY 75-POB 284	BLAIR, NE 68008	402-426-4254
			402-468-4380
			402-468-4388 (FAX)
FORT DODGE ASPHALT CO	2516 7TH AVENUE SOUTH	FORT DODGE, IA 50501	515-573-3124
G			
GEHRKE QUARRIES INC	POB 521	ELDORA, IA 50627	641-858-3821
			641-858-2564 (FAX)
GEO TECH MATERIALS	13091 EAGLE DRIVE	DOUDS, IA 52551	
GRAY QUARRIES INC	POB 386	HAMILTON, IL 62341	217-847-2712
GREAT RIVER MATERIALS, LLC	407 NORTH 4TH STREET	BURLINGTON, IA 52601	319-753-6888
GREENE LIMESTONE CO	1211 SOUTH MAIN ST-POB 687	CHARLES CITY, IA 50616	641-228-4255
			641-228-4061 (Shop)
GRIMES ASPHALT AND PAVING	1001 SE 37TH ST-POB 139	GRIMES, IA 50111	515-986-3649
H			
HAHN READY MIX	POB 1107	MUSCATINE, IA 52761	563-263-6467
HALLETT MATERIALS CO	5550 NE 22ND STREET-POB3365	DES MOINES, IA 50316	515-266-9928
			515-266-9857 (FAX)
			800-838-2615 (WIA)
HANK STALP GRAVEL CO	1598 RIVER ROAD	WEST POINT, NE 68788	402-372-5491
			800-372-5491 (T-F)
			402-372-5477 (FAX)
HEARTLAND ASPHALT INC	2601 SOUTH FEDERAL AVENUE	MASON CITY, IA 50401	641-424-1733
HEIMES EXCAVATING & UTIL CO	9144 SOUTH 147TH STREET	OMAHA, NE 68138	402-894-1000
HIGMAN SAND & GRAVEL INC	POB 438	AKRON, IA 51001	712-568-2181
HORSFIELD MATERIALS, INC.	505 EAST MAIN ST-POB 305	EPWORTH, IA 52045	563-876-3335
I			
IDEAL SAND CO	3902 MT PLEASANT ST-POB 416	WEST BURLINGTON, IA 52655	319-754-4747
IOWA DRAINAGE INC	703 E. GILMAN ST- POB 7	SHEFFIELD, IA 50475	641-892-4330

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
K			
KERFORD LIMESTONE CO	36110 FLETCHER ST	WEEPING WATER, NE 68463	402-267-2415
KNIFE RIVER MIDWEST LLC	600 HIGHWAY 175-P.O. BOX 229	STRATFORD, IA 50249	515-838-2475
KUHLMAN CONSTRUCTION CO	325 MAIN-POB 126	COLESBURG, IA 52035	563-856-3535
			800-772-1731 (T-F)
			563-856-5505 (FAX)
L			
L G EVERIST INC	POB 9	DELL RAPIDS, SD 57022	605-428-5419
			605-428-3012 (FAX)
L&M SAND & GRAVEL INC	426 2ND AVENUE NE	LE MARS, IA 51031	712-546-5359
L&W QUARRIES INC	POB 335	CENTERVILLE, IA 52544	641-437-4830
			641-437-4837 (FAX)
LA HARV CONST CO INC	POB 267	FOREST CITY, IA 50436	641-581-3643
LESSARD CONTRACTING INC	POB 705	SERGEANT BLUFF, IA 51054	712-252-4131
LINWOOD MINING & MINERALS CORP	5401 VICTORIA AVE, SUITE 110	DAVENPORT, IA 52807	563-359-8251
			800-798-8251 (T-F)
			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	STORM LAKE, IA 50588	712-732-4059
LYMAN-RICHEY SAND & GRAVEL	4315 CUMING STREET	OMAHA, NE 68131	402-558-2727
M			
MALLARD SAND & GRAVEL	POB 638	VALLEY, NE 68064	402-359-5287
MANATT'S INC	1755 OLD 6 ROAD-POB 535	BROOKLYN, IA 52211	641-522-9206
			641-522-9407 (FAX)
			641-522-5594 (FAX)
MANATT'S SAND & GRAVEL	1928 340TH STREET-POB 87	TAMA, IA 52339	641-484-4022
MARENGO READY MIX INC	POB 121	MARENGO, IA 52301-0121	319-642-3811
MARTIN COMMERCIAL ENTERPRISES		DAVENPORT, IA 52807	563-529-2223
MARTIN MARIETTA AGGREGATES	11252 AURORA AVENUE	DES MOINES, IA 50322	515-254-0030
			800-332-5433 (T-F)
			515-254-0035 (FAX)
MATX INC	110 CLUBRIDGE PLACE	COLORADO SPRINGS, CO 80906	
MCALISTER AGGREGATES LLC	1924 HWY 141- POB 157	BAYARD, IA 50029	800-642-6653
			712-651-2018 (FAX)
MELLER EXCAVATING & ASPHALT	3321 190TH STREET	FORT MADISON, IA 52627	319-372-7410
MIELKE'S QUARRY	13303 SPOOK CAVE RD	MCGREGOR, IA 52157	563-539-4227
MILESTONE MATERIALS	920 10TH AVE NORTH-POB 189	ONALASKA, WI 54650	608-783-6411
			608-783-4311 (FAX)
MOBILE CRUSHING & RECYCLING	2663 OSCEOLA AVENUE	OTHO, IA 50569	515-576-8080
MOHR SAND, GRAVEL & CONST. LLC	POB 232, 104 ASH STREET	LOHRVILLE, IA 51453	712-210-7078
MYRL & ROY'S PAVING INC	1300 NORTH BAHNSON AVENUE	SIOUX FALLS, SD 57103	605-334-3204
			605-334-0468 (FAX)

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
N			
NELSTAR	210 WALNUT	MERIDEN, IA 51037	712-443-8832
NEW ULM QUARTZITE QUARRY	ROUTE 5-POB 21	NEW ULM, MN 56073	507-354-2925
			507-359-7870 (FAX)
NORRIS AGGREGATES CO	219 3RD ST-POB 190	CAMERON, MO 64429	816-324-0310
NORTH IA SAND & GRAVEL INC	18237 KILLDEER AVENUE	MASON CITY, IA 50401	641-424-5591
			641-423-1894 (FAX)
NORTHWEST ILLINOIS CONST LLC	1600 REGAN RD	ROCK FALLS, IL 61071	815-626-5192
NORTHWEST MATERIALS	16 NORTH TAFT-POB 632	FORT DODGE, IA 50501	515-573-8921
NORTHWEST R/M CONCRETE INC	6340 180TH STREET	OCHEYEDAN, IA 51354	712-758-3683
NU AGGREGATES	300 NORKA DRIVE	AKRON, IA 51001	712-568-2181
O			
ORTONVILLE STONE CO	POB 67	ORTONVILLE, MN 56278	320-839-6131
P			
PATRICK M. PINNEY CONTRACTORS	1915 FLOYD BLVD-POB 5107	SIOUX CITY, IA 51102	712-252-2774
PAUL NIEMANN CONST CO	24541 150TH STREET-POB 128	SUMNER, IA 50674-0128	563-578-3261
			563-578-3263 (FAX)
PBI CONST	4953 D AVE	MARCUS, IA 51035	712-376-4886
PELLA CONST CO LTD	POB 25	PELLA, IA 50219	641-628-3840
PERSINGER SAND & GRAVEL	3281 LUCAS AVENUE	SMITHLAND, IA 51056	712-889-2258
PERU QUARRY	2587 265TH ST	PERU, IA 50222	515-468-0315
PETERSON CONTRACTORS INC	104 BLACKHAWK-POB A	REINBECK, IA 50669	319-345-2713
PETTENGILL CONC & GRAVEL INC	800 NORTH BOONE	ROCK RAPIDS, IA 51246	712-472-2571
PNB PROCESSORS, LLC	POB 80	DENMARK, IA 52624	319-470-0050
PRAIRIE SAND & GRAVEL	POB 210	PRAIRIE DU CHIEN, WI 53821	608-326-6471
PRESTON READY MIX CORP	POB 399	PRESTON, IA 52069	563-689-3381
Q			
QUALITY CONCRETE CO	327 17TH AVENUE SOUTH	CLINTON, IA 52732	563-242-3524
R			
RECYCLED AGGREGATE PROD CO	2131 18TH STREET	SIOUX CITY, IA 51105	712-252-7732
REDINGS GRAVEL & EXCAVATING CO	2001 EAST OAK STREET	ALGONA, IA 50511	515-295-3661
RED ROCK QUARRY	12226 KNOX AVE.	SANBORN, MN 56083	507-648-3382
REILLY CONSTRUCTION CO	110 MAIN STREET-POB 99	OSSIAN, IA 52161	563-532-9211
			563-532-9759 (FAX)
RIEHM CONSTRUCTION CO INC	2340 9TH STREET SW	WAUKON, IA 52172	563-568-3314
RIVER BEND ENTERPRISES	3000 ASHERTON AVENUE	NASHUA, IA 50658	641-435-2436
RIVER CITY STONE	3747 CONSTRUCTORS COURT-POB 160	KEILER, WI 53812-0160	608-568-3433
RIVER PRODUCTS CO INC	3273 DUBUQUE ST NE- POB 2120	IOWA CITY, IA 52244-2120	319-354-1090
			319-353-6606 (FAX)
RIVERSTONE GROUP INC	1701 5TH AVENUE	MOLINE, IL 61265	309-757-8250
			309-757-8257 (FAX)
ROCK HARD CONCRETE RECYCLING	214 E. MAIN ST-POB 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)

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
S			
S&A CONSTRUCTION LTD	POB 20	ALLENDALE, MO 64420	660-786-2233
S&G MATERIALS	4213 SAND ROAD SE	IOWA CITY, IA 52240	319-354-1667
SAVANNA QUARRY, INC	9859 SCENIC BLUFF ROAD	SAVANNA, IL 61074	815-273-4208
SCHILDBERG CONSTRUCTION CO	POB 358	GREENFIELD, IA 50849	641-743-2131
SCHMILLEN CONST INC	4772 C AVENUE	MARCUS, IA 51035-0488	712-376-2249
SHIPLEY CONTRACTING	2671 240TH STREET	FORT MADISON, IA 52625	319-372-1804
SIEH SAND & GRAVEL	101 WEST 18TH STREET-POB 1503	SPENCER, IA 51301	712-836-2244 712-262-4580
SOUTHERN MN CONST CO, INC.	1100 MARCUS ST-POB1100	FAIRMONT, MN 56031	507-235-3321
SPENCER QUARRIES	25341 430TH AVENUE	SPENCER, SD 57374	605-246-2344
STENSLAND GRAVEL CO	1741 ASHLEY AVE	LARCHWOOD, IA 51241	712-477-2280
STERZINGER CRUSHING INC	3273 290TH AVE	TAUNTON, MN 56291	
STONER SAND	RR 2	RIDGEWAY, MO 64481	660-824-4211
STRATFORD GRAVEL INC	3378 XAVIER AVE	DAYTON, IA 50530	515-571-3133
STRONG ROCK & GRAVEL	721 SOUTH FRONT ST	LANSING, IA 52151	563-538-4603
SWAIN CONSTRUCTION INC	6002 NORTH 89TH CIRCLE	OMAHA, NE 68134	402-571-1110
SWAN ROCK & SAND PRODUCTS, LLC	POB 111	CINCINNATI, IA 52549	641-658-2474 641-777-1233 (CELL)
T			
TIEFENTHALER AG-LIME INC	11975 HAWTHORNE AVENUE-POB 157	BREDA, IA 51436	712-673-2686
TRI CITY BLACKTOP	425 S. DEVILS GLEN RD	BETTENDORF, IA	563-359-3491
TRISTAR QUARRIES	11278 474TH ST	PLANO, IA 52581	
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
UNITED CONTRACTORS, INC	6678 NW 62ND AVE – P.O. BOX 347	JOHNSTON, IA 50131	515-276-6162
V			
VALLEY SAND & GRAVEL	POB 9	ROCK VALLEY, IA 51247	712-476-2063

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
W			
WEATHERTON CONTRACTING	307 N 16TH ST-POB151	BERESFORD, SD 57004	605-763-2078
WEBER STONE CO INC	12791 STONE CITY ROAD	ANAMOSA, IA 52205	319-462-3581
			319-462-3585 (FAX)
WELDEN AGGREGATES INC	POB 832	IOWA FALLS, IA 50126	641-648-5142
			641-648-5142 (FAX)
WENDLING QUARRIES INC	POB 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	POB 350	HARLAN, IA 51537	712-755-5191
WILTGEN CONSTRUCTION CO	113 EAST MAIN STREET-POB 817	CALMAR, IA 52132	563-562-3301
			800-365-3301 (T-F)
WINN CORP SAND & GRAVEL	28825 290TH STREET	OLLIE, IA 52576	641-667-3471
WRIGHT MATERIALS CO	1127 HWY 69-POB 244	BELMOND, IA 50421	641-444-3920
Z			
ZUPKE SAND & GRAVEL	17963 150TH STREET	RANDALIA, IA 52164	563-428-4444