



GENERAL AGGREGATE SOURCE INFORMATION

GENERAL

Generally, 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, and a durability class for coarse aggregates used in Portland Cement Concrete construction. Upon request, new sources or different combinations of beds within an existing source can be evaluated for classification for either type of use. 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 may have 1/2 in. Bridge Deck Overlay/Repair material available.

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 calcinated 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.

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

The use of Xs in the PCC or HMA columns indicates use where no classification is required or, if required, has not been made.

NOTE: - indicates additional source restrictions.

Bed numbers shown for PCC aggregate are those on the formal source approval letter. Beds 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 Fine Aggregate
 ("B" indicates acceptability for Bridge Deck Overlay/Repair)

Source Code Number - Used to identify sources on test requests and for data storage.

Specific Gravity
 (DWU-Determine When Used)

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

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA A	FRICT HMA B	BEDS			O
											E
O1	ADAIR	DIST 4	CRUSHED STONE								
A01002	SCHILDBERG CONST CO INC	MENLO	NW 21 T077 R31W				5 5	15 - 16			
A01008	SCHILDBERG CONST CO INC	JEFFERSON	NE 17 T077 R31W				4	14			
							5	20			
							5	25			
O2	ADAMS	DIST 4	CRUSHED STONE								
A02002	SCHILDBERG CONST CO INC	MT ETNA	SW 23 T073 R34W				4	11 - 13			
A02004	SCHILDBERG CONST CO INC	CORNING	NE 09 T071 R34W				4	3 - 5			
			SAND & GRAVEL								
A02502	SCHILDBERG CONST CO INC	MT ETNA	NW 23 T073 R34W	2.67 2.67	2	X	4 4				
O3	ALLAMAKEE	DIST 2	CRUSHED STONE								
A03002	BRUENING ROCK PROD INC	WEXFORD	NE 36 T098 R03W	2.70	3i		4 4	1C - 6			
A03008	BRUENING ROCK PROD INC	MCCABE	NE 06 T097 R05W				4	1 - 8			
A03010	KNIFE RIVER MIDWEST LLC	RUDE	SE 17 T100 R06W				4	1 - 6			
A03014	BRUENING ROCK PROD INC	HAMMELL-BOONIES	SW 02 T099 R06W		X		4 4	5 - 6			
A03018	KNIFE RIVER MIDWEST LLC	SWENSON	SW 17 T096 R05W								
A03022	SKYLINE MATERIALS LTD	LIVINGOOD	SW 07 T096 R06W				4 4	4 - 7			
							4	2 - 7			
A03028	BRUENING ROCK PROD INC	WELPER-JOHNSON	SW 35 T099 R04W								
A03034	RIEHM CONST CO INC	WILDE	SE 13 T099 R05W		X		4 4	1 - 5			
A03036	BRUENING ROCK PROD INC	SWENSON	SE 19 T096 R05W								
A03038	RIEHM CONST CO INC	RIEHM	SE 07 T100 R04W	DWU	3i		4 4	1 - 4			
A03040	BRUENING ROCK PROD INC	DEE	SE 21 T099 R04W	DWU	3iB		4 4	5A - 5D			
A03042	NIEMANN CONST CO	CHURCHTOWN	SW 29 T099 R04W				4 4	1 - 3			
							4 4	3			
A03046	BRUENING ROCK PROD INC	MOHS	SW 29 T096 R04W	DWU	2		5 5	1 - 2			
							5	1 - 4			
A03048	BRUENING ROCK PROD INC	POSTVILLE	SW 16 T096 R06W	2.61	3			6 - 8			
							4	2 - 5			
A03050	BRUENING ROCK PROD INC	GREEN	NW 16 T096 R06W	2.63	3		4 4	2 - 3A			
A03052	BRUENING ROCK PROD INC	ROSSVILLE	NE 35 T097 R05W	DWU			4 4	1 - 5			
A03054	BRUENING ROCK PROD INC	WEST RIDGE	NE 08 T098 R06W								
A03056	NIEMANN CONST CO	WUKON	SW 05 T097 R05W								
A03060	NIEMANN CONST CO	HANOVER	NE 36 T099 R06W								
A03064	SKYLINE MATERIALS LTD	RAINBOW	SE 26 T097 R05W								
A03066	WILTGEN CONST CO	ELSBERND	NW 29 T097 R06W	DWU	3					2	
A03068	WILTGEN CONST CO	JEFFERSON	SW 30 T097 R05W								
			SAND & GRAVEL								
A03502	SKYLINE MATERIALS LTD	HARPERS FERRY	SW 07 T097 R02W	2.67 2.67	3iB		3 3				
					X						
A03506	BRUENING ROCK PROD INC	HAMMELL-BOONIES	SW 02 T099 R06W				4 4				
A03510	KNIFE RIVER MIDWEST LLC	LONNING	SE 02 T099 R06W				4 4				
				DWU	X						
A03512	KNIFE RIVER MIDWEST LLC	ZEZULKA	NE 11 T100 R04W				3 3				
				2.66	X						
A03516	KNIFE RIVER MIDWEST LLC	HAMMELL	NW 15 T100 R03W								
A03518	BRUENING ROCK PROD INC	IVERSON	NW 09 T099 R06W								

RECENTLY ACTIVE AGGREGATE SOURCES											N			
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION			BULK	DUR		FRICT		BEDS	E	
							SSD SpGr	PCC CA	FA	HMA A	B			
O4	APPANOOSE	DIST 5	CRUSHED STONE											
A04016	L&W QUARRIES INC		LEMLEY EAST #5	CT	35	TO70	R19W	2.70	2		5	5	1 - 3	1
A04018	L&W QUARRIES INC		CLARKDALE #8	SE	15	TO69	R18W				5	5	6	
A04020	TRI-STAR QUARRIES		PLANO	05	TO69	R19W					5		4	
O5	AUDUBON	DIST 4	SAND & GRAVEL											
A05506	HALLETT MATERIALS CO		EXIRA	SW	08	TO78	R35W	2.68 2.66	3		4	4		
									X					
O6	BENTON	DIST 6	CRUSHED STONE											
A06002	BMC AGGREGATES LC		SMITH	NW	19	TO86	R12W	2.65	2		4	4	21 - 26	
A06004	WENDLING QUARRIES INC		GARRISON A	SE	28	TO85	R11W	2.67	2		4	4	6 - 16	
A06006	WENDLING QUARRIES INC		GARRISON B	NE	33	TO85	R11W	2.64	2		4	4	6 - 16	
A06008	WENDLING QUARRIES INC		BALLHEIM	NE	17	TO86	R12W					X		
A06012	COOTS MATERIALS CO INC		JABENS	SW	07	TO85	R11W	DWU 2.63	2 2		4	4	6 - 11 12	
A06014	WENDLING QUARRIES INC		VINTON-MILROY	S2	10	TO85	R10W				4	4	10 - 12	
A06016	COOTS MATERIALS CO INC		COOTS	SW	36	TO86	R11W					X		
A06018	WENDLING QUARRIES INC		PORK CHOP-EAST	NW	11	TO85	R09W					X		
A06020	WENDLING QUARRIES INC		PORK CHOP-WEST	NE	10	TO85	R09W					X		
A06022	WENDLING QUARRIES INC		LONG	SE	13	TO84	R09W					X		
			SAND & GRAVEL											
A06502	WENDLING QUARRIES INC		VINTON-MILROY	S2	10	TO85	R10W	2.65		X	4	4		
A06504	COOTS MATERIALS CO INC		MT AUBURN	SW	31	TO86	R10W	2.65		X	3	3		
A06506	WENDLING QUARRIES INC		PORK CHOP	CT	11	TO85	R09W	DWU		X	4	4		
O7	BLACK HAWK	DIST 2	CRUSHED STONE											
A07004	BMC AGGREGATES LC		WATERLOO SOUTH	NW	18	TO87	R12W	DWU	3		4	4	25 17 - 24	
											4	4	32 - 36	
											5	5	5 - 24	
A07008	BMC AGGREGATES LC		MORGAN	NE	15	TO89	R12W				5		1 - 3	
A07014	NIEMANN CONST CO		GLORY	NE	36	TO87	R11W				5		4A - 4B	
											4		3 - 4	
											5		1 - 4	
A07018	BMC AGGREGATES LC		RAYMOND-PESKE	SW	01	TO88	R12W	2.66	2		4	4	1B - 5	
											4	4	6 - 10	
A07020	BMC AGGREGATES LC		STEINBRON	SE	01	TO88	R11W	2.62	3i		X	X	1	
A07022	BMC AGGREGATES LC		MESSERLY	NE	08	TO90	R14W							
			SAND & GRAVEL											
A07504	BMC AGGREGATES LC		WATERLOO SAND	SW	09	TO89	R13W	2.65		X	3	3		
A07506	MANATT'S INC		ASPRO	NW	01	TO88	R13W	2.65		X	4	4		
A07508	BMC AGGREGATES LC		GILBERTVILLE		16	TO88	R12W	2.65		X	4	4		
A07512	BMC AGGREGATES LC		ZEIEN S&G	NW	23	TO87	R12W	2.65		X				
A07518	NIEMANN CONST CO		JANESVILLE	NE	14	TO90	R14W	2.66		X	3	3		

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

RECENTLY ACTIVE AGGREGATE SOURCES										BULK	DUR	FRICT		N O T E
CODE	OPERATOR	SOURCE NAME	LOCATION				SSD SpGr	PCC CA	FA	HMA A B	BEDS			
08	BOONE	DIST 1	<u>SAND & GRAVEL</u>											
A08504	KNIFE RIVER MIDWEST LLC	JENSEN	SW	36	T085	R25W								
A08526	KNIFE RIVER MIDWEST LLC	POWERS		29	T084	R28W								
09	BREMER	DIST 2	<u>CRUSHED STONE</u>											
A09002	BMC AGGREGATES LC	FREDERIKA	NE	12	T093	R13W				5	2 - 8			
A09004	NIEMANN CONST CO	DENVER-FOELSKE	NE	29	T091	R13W			4	4	4 - 9			
A09006	NIEMANN CONST CO	TRIPOLI-PLATTE	SW	36	T093	R13W	2.62	3i	4	4	1 - 5			
A09008	NIEMANN CONST CO	DENVER #2	NE	20	T091	R13W								
			<u>SAND & GRAVEL</u>											
A09504	NIEMANN CONST CO	NOLTE	SE	31	T092	R11W	2.65		X	4	4			
A09508	NIEMANN CONST CO	TRIPOLI-PLATTE	SW	36	T093	R13W								
A09510	CROELL REDI-MIX	PLAINFIELD-ADAMS	NE	32	T093	R14W	2.66		X					
A09512	NIEMANN CONST CO	BOEVERS	NE	31	T092	R11W	2.64		X					
10	BUCHANAN	DIST 6	<u>CRUSHED STONE</u>											
A10002	NIEMANN CONST CO	WESTON-LAMONT	NW	14	T090	R07W	2.61	3iB		4	4			
											1 - 6			
A10004	NIEMANN CONST CO	BLOOM-JESUP	SW	32	T089	R10W	2.63	3		4	4			
											1 - 7			
											2 - 5			
A10008	BRUENING ROCK PROD INC	OELWEIN	NW	02	T090	R09W	2.65	3i		4	4			
											1 - 7			
											4 - 5			
											4 - 6			
A10010	NIEMANN CONST CO	HAZELTON	NW	11	T090	R09W	2.60	3iB		4	4			
											4			
A10012	NIEMANN CONST CO	INDEPENDENCE	NW	14	T088	R09W					5			
A10014	NIEMANN CONST CO	OELWEIN #1	SW	02	T090	R09W				5	5			
A10016	NIEMANN CONST CO	OELWEIN #2	SE	03	T090	R09W	DWU	3i		4	4			
											1 - 12			
A10018	NIEMANN CONST CO	EAST AURORA	SE	17	T090	R07W				4	4			
											13 - 16			
A10022	BRUENING ROCK PROD INC	BROOKS	NW	02	T088	R09W	2.60	3i		4	4			
											1 - 5			
											7			
											5			
											1 - 6			
A10024	NIEMANN CONST CO	RASMUSSEN #2	SE	21	T088	R08W					5			
A10026	NIEMANN CONST CO	BRANDON	SE	27	T087	R10W					5			
A10028	NIEMANN CONST CO	HERTZBERGER	NE	36	T087	R10W					5			
A10030	NIEMANN CONST CO	SOUTH AURORA	NW	19	T090	R07W	2.62	3iB		4	4			
											1 - 3			
A10032	NIEMANN CONST CO	SELLS	NW	25	T088	R09W					5			
A10034	NIEMANN CONST CO	TROY MILLS	SE	30	T087	R07W								
A10036	WENDLING QUARRIES INC	KILER	NW	34	T087	R10W					4			
A10038	BMC AGGREGATES LC	WIDGER	SW	07	T088	R10W	2.61	3i						
											1B			
A10040	ZUPKE SAND & GRAVEL	ZUPKE-OELWEIN		09	T090	R09W				4	4			
											1A - 1B			
			<u>SAND & GRAVEL</u>											
A10504	NIEMANN CONST CO	WARD	NE	14	T090	R07W	2.65		X	4	4			
A10506	MANATT'S INC	GREENLEY	SE	29	T089	R09W	2.64		X	4	4			
A10510	NIEMANN CONST CO	HUFFMAN	SE	02	T089	R08W	2.65		X	4	4			
A10514	NIEMANN CONST CO	HOLLERMAN	SE	26	T090	R07W				4	4			
A10516	NIEMANN CONST CO	MILLER	NW	14	T088	R09W	2.65		X					
A10518	MANATT'S INC	YEAROUS	SE	19	T089	R09W	2.65		X					
A10520	BRUENING ROCK PROD INC	BROOKS	SW	02	T088	R09W								

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						HMA A	B				T
11	BUENA VISTA DIST 3	<u>SAND & GRAVEL</u>									
A11508	WETHERALL CONST CO	NEWELL	NW 01 TO90 R36W				4	4			
A11512	BUENA VISTA COUNTY	MARATHON	SE 19 TO93 R35W				4	4			
A11514	LUNDELL CONST	STORM LAKE	SW 18 TO90 R36W				4	4			
A11516	HALLETT MATERIALS CO	SIOUX RAPIDS	W2 12 TO93 R37W				3	3			
A11518	KNIFE RIVER MIDWEST LLC	MOLGAARD	NW 03 TO93 R38W								
12	BUTLER DIST 2	<u>CRUSHED STONE</u>									
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					X			
A12016	GREENE LS CO	WIEGMANN-BRISTOW	SE 23 TO92 R18W				X	X	1 - 11		
A12018	GREENE LS CO	NEYMEYER	SW 28 TO90 R18W								
A12020	GREENE LS CO	BRUNS #2	NW 21 TO91 R18W								
A12502	CROELL REDI-MIX	<u>SAND & GRAVEL</u> CLARKSVILLE	NW 01 TO92 R16W	2.67	2		4	4			
A12508	GREENE LS CO	AUSTINVILLE	NW 23 TO90 R18W	2.67		X					
A12514	GREENE LS CO	DE VRIES	SW 28 TO90 R18W	2.64		X	3	3			
A12516	GREENE LS CO	JENSEN	S2 18 TO93 R16W	2.63		X	4	4			
A12518	NIEMANN CONST CO	SHELL ROCK-ADAMS	NE 03 TO91 R15W				3	3			
				2.66		X					
13	CALHOUN DIST 3	<u>SAND & GRAVEL</u>									
A13502	KNIFE RIVER MIDWEST LLC	LAKE CITY	NE 26 TO86 R34W				4	4			
14	CARROLL DIST 3	<u>SAND & GRAVEL</u>									
A14510	TIEFENTHALER INC	LANESBORO	NW 17 TO85 R33W	2.72	2		4	4			
A14514	TIEFENTHALER INC	MACKE	06 TO85 R33W	2.68		X					
A14516	KNIFE RIVER MIDWEST LLC	RICHLAND	NE 23 TO83 R33W	2.69	2		4	4			
A14518	TIEFENTHALER INC	MILLER	21 TO85 R33W	2.66		X					
15	CASS DIST 4	<u>CRUSHED STONE</u>									
A15008	SCHILDBERG CONST CO INC	ATLANTIC MINE	SW 13 TO76 R37W					5	25		

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA A	B	BEDS	E		O
											T
16	CEDAR	DIST 6	CRUSHED STONE								
A16002	WENDLING QUARRIES INC	HUNT	SW 10 TO81 R04W	DWU	3iB	4	4	1			
A16004	WENDLING QUARRIES INC	LOWDEN-SCHNECKLOTH	NW 04 TO81 R01W	DWU	3i	4	4	1 - 4			
A16006	WENDLING QUARRIES INC	STONEMILL	SE 14 TO80 R03W	DWU	3iB	4	4	4			
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			
A16014	WENDLING QUARRIES INC	TOWNSEND	NW 02 TO79 R02W								
A16018	WENDLING QUARRIES INC	LOWDEN-MASSILLON	NW 23 TO82 R01W								
A16022	WENDLING QUARRIES INC	TRICON	N2 09 TO82 R04W	DWU	3i	4	4	1			
			SAND & GRAVEL								
A16502	WENDLING QUARRIES INC	SHARPLISS	NW 12 TO79 R03W	2.65		4	4				
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						
17	CERRO GORDO	DIST 2	CRUSHED STONE								
A17008	MARTIN MARIETTA	PORTLAND WEST	NE 19 TO96 R19W	2.75	3iB	4	4	1 - 8			
A17012	MARTIN MARIETTA	UBBEN	SW 26 TO94 R20W	2.68	2	5	5	1 - 3			
A17020	MARTIN MARIETTA	MASON CITY	NE 29 TO97 R20W	DWU 2.73	3i 3			7 - 9			
A17022	HOLCIM INC	HOLCIM	SE 19 TO97 R20W	DWU DWU	2 2	4	4	8 - 9			
A17024	HEARTLAND ASPHALT	RIVERVIEW	NE 29 TO96 R19W			X	X	1 - 6			
			SAND & GRAVEL								
A17506	KNIFE RIVER MIDWEST LLC	NELSON-FORBES	SW 27 TO96 R19W			4	4				
A17512	NORTH IOWA S&G INC	WEPKING	NE 15 TO97 R21W	2.66	X	3	3				
A17514	MARTIN MARIETTA	HOLCIM SAND	NE 19 TO97 R20W	DWU 2.65	2 X	3	3				
A17518	HEARTLAND ASPHALT	AIRPORT	NE 08 TO96 R21W			3	3				
18	CHEROKEE	DIST 3	SAND & GRAVEL								
A18506	HALLETT MATERIALS CO	CHEROKEE SOUTH	NE 16 TO91 R40W	2.70 2.69	2 X	3	3				
A18514	HIGMAN SAND & GRAVEL	MONTGOMERY	NE2 20 TO93 R39W			4	4				
A18526	HALLETT MATERIALS CO	CHEROKEE NORTH	SW 23 TO92 R40W	2.70 2.67	2 X	3	3				
A18528	HIGMAN SAND & GRAVEL	HSG WASHTA #1	SW 31 TO90 R41W	DWU DWU	2 X	3	3				
A18530	HIGMAN SAND & GRAVEL	PATTERSON	32 TO91 R40W	2.69 DWU	2 X						
A18534	HALLETT MATERIALS CO	NELSON	CT 23 TO92 R40W	2.67 2.68	2 X						
A18536	HIGMAN SAND & GRAVEL	BECK	NE 30 TO93 R39W	DWU	2 X						

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O T E
						HMA A B					
19	CHICKASAW DIST 2	CRUSHED STONE									
A19002	GREENE LS CO	TRACY	SE 29 TO94 R14W	2.55	2		4 4	9 - 10			
A19004	BRUENING ROCK PROD INC	DEERFIELD-MAHONEY	SE 33 TO97 R14W				X				
A19006	GREENE LS CO	HUNT	NE 29 TO94 R14W	2.57	2		4 4	9 - 10			
A19008	GREENE LS CO	BOICE	NE 16 TO95 R14W				5				
		SAND & GRAVEL									
A19504	GREENE LS CO	HUNT	NW 29 TO94 R14W				4 4				
A19506	BLAZEK S&G CO	BLAZEK	NW 32 TO96 R11W	2.66		X	4 4				
A19508	KNIFE RIVER MIDWEST LLC	BUSTA	SE 23 TO96 R11W	2.65		X	4 4				
A19510	RIVER BEND ENTERPRISES	NASHUA	NE 31 TO94 R14W	2.66		X	X X				
A19512	GREENE LS CO	PEARL ROCK	SE 31 TO94 R14W	2.65		X	4 4				
A19514	BRUENING ROCK PROD INC	NASHUA	SW 33 TO95 R14W	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								
A19522	CROELL REDI MIX	BUCKY'S	NW 03 TO95 R11W	2.65		X					
A19524	NIEMANN CONST CO	REISNER	SE 23 TO96 R11W								
20	CLARKE DIST 5	CRUSHED STONE									
A20002	SCHILDBERG CONST CO INC	OSCEOLA	NW 12 TO72 R26W				5	1 - 10			
							X	1 - 4			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					
A21510	NORGAARD S&G	DICKENS	NW 20 TO96 R35W	2.70		X	3 3				
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				4 4				
A21522	KNIFE RIVER MIDWEST LLC	STAINS	30 TO97 R38W				4 4				
A21526	CLAY COUNTY	CLAY COUNTY	NW 20 TO96 R35W								
A21528	DAVE'S S&G	GOEKEN	NE 05 TO96 R38W	DWU	2						
A21530	HALLETT MATERIALS CO	BRAUNSCHWEIG	16 TO94 R36W								
A21532	CLAY COUNTY	ELSER	CT 03 TO94 R36W								
A21534	HALLETT MATERIALS CO	CLARK EVERLY	NW 06 TO96 R38W								
A21536	HALLETT MATERIALS CO	GILLETT GROVE	NE 03 TO94 R36W								
22	CLAYTON DIST 2	CRUSHED STONE									
A22002	KUHLMAN CONST CO	TWIN ROCK-SCHRADER	NW 14 TO94 R05W				4 4	1 - 11			
							4 4	3 - 11			
A22004	SKYLINE MATERIALS LTD	BENTE-ELKADER-WATSON	SW 12 TO93 R05W	2.66	2		4 4	6 - 9			
							4 4	1 - 9			
A22006	BRUENING ROCK PROD INC	MARQUETTE	NW 16 TO95 R03W	DWU	3i		4 4	1 - 3			
A22008	KUHLMAN CONST CO	ANDEREGG	SE 32 TO92 R02W	DWU			4 4	2 - 8			
A22010	KUHLMAN CONST CO	OSTERDOCK	SE 02 TO91 R03W	2.67	2		4 4	2 - 5			
							4 4	1 - 8			
A22012	KUHLMAN CONST CO	SCHMIDT	NE 33 TO91 R01W	2.66	3i		4 4	4B - 6			
							4 4	2 - 6			

NOTE: 1 - FRICTION TYPE TO BE DETERMINED WHEN USED ON WINTERSET BEDS 1-4

RECENTLY ACTIVE AGGREGATE SOURCES											N O T E
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA A B	BEDS				
22	CLAYTON DIST 2	CRUSHED STONE									
A22014	SKYLINE MATERIALS LTD	BLUME	NE 09 TO93 R03W	2.64	2		4 4	1 - 7			
A22016	KUHLMAN CONST CO	GISLESON	NW 06 TO95 R04W	2.66	3i		4 4	1 - 8			
A22018	SKYLINE MATERIALS LTD	ZURCHER	SE 01 TO94 R05W				4 4	1 - 15			
A22020	KUHLMAN CONST CO	MUELLER	NE 30 TO94 R03W	DWU	3i		4 4	1 - 8			
A22024	MIELKE'S QUARRY	MIELKE'S QUARRY	NE 21 TO95 R04W				4 4	1 - 2			
A22026	KUHLMAN CONST CO	DOERRING-LUANA	SE 05 TO95 R05W				4 4				
A22030	KUHLMAN CONST CO	EBERHARDT	NW 27 TO93 R05W	2.72	3		4 4	1 - 5			
A22032	KUHLMAN CONST CO	WELLMAN	NW 25 TO92 R06W		X		X 4	1 - 6			
A22034	KUHLMAN CONST CO	KRUSE	NW 17 TO92 R04W	2.70	3B		4 4	5 - 11			
				2.70	2B		4 4	5 - 12			
							4 4	2 - 12			
A22038	KUHLMAN CONST CO	FASSBINDER	SW 09 TO92 R03W	2.67	3i		4 4	2B - 6			
A22040	KUHLMAN CONST CO	HARTMAN	NW 29 TO91 R06W	2.68	3i		4 4	1 - 4			
A22042	KNIFE RIVER MIDWEST LLC	MORAREND	CT 35 TO92 R03W	2.67	X		4 4	1 - 8			
							4 4	1 - 10			
A22044	KUHLMAN CONST CO	BOGE	SW 18 TO91 R02W								
A22046	KUHLMAN CONST CO	JOY SPRINGS-BURRACK	NW 19 TO91 R06W	2.65	3i		4 4	1			
A22048	KNIFE RIVER MIDWEST LLC	TUCKER	SW 18 TO91 R05W								
A22056	KNIFE RIVER MIDWEST LLC	MCGREGOR	NE 34 TO95 R03W				4				
A22058	SKYLINE MATERIALS LTD	ST OLAF	SE 25 TO94 R05W								
A22060	CROELL REDI MIX	JOHNSON	NW 26 TO93 R04W	2.64	3i		4 4	2 - 5			
							4 4	1 - 5			
A22062	CJ MOYNA & SONS	SNY MAGILL	SE 22 TO94 R03W	2.73	3i		4 4	6 - 10			
A22066	KNIFE RIVER MIDWEST LLC	PETERSON	NW 09 TO94 R06W								
A22068	RIVER CITY STONE	MILLVILLE	NW 10 TO91 R02W	DWU	3i			1 - 8			
A22070	BRUENING ROCK PROD INC	BERNHARD/GIARD	NW 35 TO95 R04W	DWU	3i		4 4	1 - 3			
A22072	PATTISON BROS	CLAYTON TERMINAL	07 TO93 R02W	DWU	3i		4 4	3 - 4			
					3		4 4	1			
A22074	RIVER CITY STONE	STRAWBERRY POINT	NE 19 TO91 R06W	DWU	3i			1 - 2			
A22076	CROELL REDI MIX	LARSON	NW 08 TO93 R05W								
A22078	CROELL REDI MIX	LINK	07 TO93 R06W								
A22080	KUHLMAN CONST CO	HILINE	NW 08 TO91 R03W								
A22082	NIEMANN CONST CO	REIERSON	NW 20 TO94 R06W								
A22084	CJ MOYNA & SONS	MOYNA	14 TO93 R05W								
A22086	CJ MOYNA & SONS	WILLIE	SW 18 TO93 R02W								
A22088	WILTGEN CONST CO	KEPPLER	NW 29 TO94 R05W								
		SAND & GRAVEL									
A22510	SKYLINE MATERIALS LTD	BENTE	SE 15 TO93 R05W	2.66	X		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				X X				
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	DWU		X					

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						A	B				T
23	CLINTON	DIST 6	CRUSHED STONE								
A23002	WENDLING QUARRIES INC	BLOORE-ELWOOD	NW 08 TO83 R02E	DWU	3i	4	4	1 - 2			
A23004	WENDLING QUARRIES INC	BEHR	SW 02 TO81 R03E	2.61	3i	4	4	1 - 2			
A23006	WENDLING QUARRIES INC	SHAFFTON	NE 11 TO80 R05E	DWU	3i	4	4	16 - 17			
				DWU	3	4	4	3 - 14			
				DWU	3			19 - 20			
						4	4	3 - 15			
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW 22 TO83 R05E			4	4	1 - 10			
A23012	WENDLING QUARRIES INC	TEEDS GROVE	SW 03 TO83 R06E								
A23016	WENDLING QUARRIES INC	LYONS	NW 18 TO82 R07E								
A23026	WENDLING QUARRIES INC	MILL CREEK	NE 22 TO82 R06E								
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								
A23034	PRESTON READY MIX	TRANSTAR	NE 25 TO81 R05E								
		SAND & GRAVEL									
A23502	WENDLING QUARRIES INC	DOYLE	NE 30 TO83 R07E	2.67	X	4	4				
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	2.66	X	4	4				
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								
A25502	HALLETT MATERIALS CO	MESSERSCHMIDT	NW 28 TO79 R27W	2.70	2	4	4				
				2.67	X						
A25510	HALLETT MATERIALS CO	PERRY	NW 01 TO81 R29W	2.70	2	4	4				
				2.67	X						
A25512	HALLETT MATERIALS CO	VAN METER	SE 16 TO78 R27W	2.68	2	3	3				
				2.66	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	21,22TO78 R27W	2.68	2	3	3				
				2.66	X						
A25518	MARTIN MARIETTA	RACCOON RIVER SAND	27,28TO78 R26W	DWU	2						
				2.65	X						

RECENTLY ACTIVE AGGREGATE SOURCES											N			
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR		FRICT		BEDS	O T E
									CA	FA	A	B		
26	DAVIS	DIST 5	CRUSHED STONE											
A26004	DOUDS STONE INC		LEWIS	W2	02	TO69	R12W	2.60	3		4 4	1		
											5 5	3 - 7		
											5	3 - 5		
											4 4	6 - 7		
A26006	DOUDS STONE INC		BROWN	SW	NW	02	TO69 R12W	2.60	3		4 4	1		
											5 5	3 - 7		
											5	3 - 5		
											4 4	6 - 7		
			SAND & GRAVEL											
A26502	DOUDS STONE INC		ELDON-FRANKLIN	SW	01	TO70	R12W	2.67	X					
27	DECATUR	DIST 5	CRUSHED STONE											
A27002	SCHILDBERG CONST CO INC		GRAND RIVER	NW	22	TO70	R27W				5	12 - 14		
A27008	SCHILDBERG CONST CO INC		DECATUR	SE	32	TO69	R26W				X	7	1	
											5	9 - 15		
28	DELAWARE	DIST 6	CRUSHED STONE											
A28002	KUHLMAN CONST CO		SEDGEWICK #2	SW	36	TO90	R06W	2.66	3iB		4 4	3		
A28006	KUHLMAN CONST CO		SEDGEWICK #1	SW	36	TO90	R06W				4 4	1 - 3		
A28008	KUHLMAN CONST CO		EDGEWOOD WEST	CT	04	TO90	R05W	2.67	3i			2 - 7		
											4 4	1 - 7		
A28010	KUHLMAN CONST CO		TIBBOTT	SW	23	TO90	R04W	2.70	3i			1 - 5		
											4 4	1 - 7		
A28012	KUHLMAN CONST CO		BAUL	SE	22	TO89	R06W	2.69	3i		4 4	1 - 4		
A28014	KUHLMAN CONST CO		LOGAN	SW	10	TO88	R05W	2.69	3			2 - 8		
											4 4	1 - 8		
A28016	KUHLMAN CONST CO		WHITE	NW	02	TO88	R04W	2.72	3i		4 4	1 - 2		
A28020	BARD CONCRETE CO		DEUTMEYER	SW	13	TO88	R03W	DWU	3i		4 4	2 - 6		
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		
A28040	BARD CONCRETE CO		KRAPFL	SE	23	TO89	R03W	2.69	3iB		4 4	4		
											4 4	1 - 4		
A28042	KUHLMAN CONST CO		WALSTON-MASONVILLE	SE	21	TO89	R06W	2.69	3i			1 - 4		
											4 4	1 - 6		
A28044	NIEMANN CONST CO		DUNDEE	NE	20	TO90	R06W	DWU	3i			2 - 7		
											4			
A28046	KUHLMAN CONST CO		PINS	NW	27	TO88	R03W							
A28050	KUHLMAN CONST CO		BUCK CREEK	NW	20	TO87	R04W							
A28052	RIVER CITY STONE		MANCHESTER	SW	09	TO88	R05W	DWU	3			5 - 8		
A28054	RIVER CITY STONE		WINCH	NW	02	TO87	R04W							
A28056	RIVER CITY STONE		THORPE	NW	33	TO90	R05W							
A28058	RIVER CITY STONE		ROSSOW/MANCHESTER	NE	NW	16	TO88 R05W							
			SAND & GRAVEL											
A28502	KUHLMAN CONST CO		SEDGEWICK	SW	36	TO90	R06W	2.65		X	4 4			
A28504	BARD CONCRETE CO		TEGLER	NE	36	TO89	R03W	2.65		X	4 4			
A28506	BARD CONCRETE CO		DYERSVILLE	NW	26	TO89	R03W	2.65		X	4 4			
A28510	KUHLMAN CONST CO		LOGAN	SW	10	TO88	R05W	2.65		X				
A28514	KUHLMAN CONST CO		FERGESEN	NE	32	TO89	R06W	2.65		X	4 4			
								DWU		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				

NOTE 1: FRICTION TYPE TO BE DETERMINED WHEN USED

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						A	B		
29	DES MOINES DIST 5	CRUSHED STONE							
A29002	L&W QUARRIES INC	MEDIAPOLIS-LEONARD	SE 01 T071 R04W	2.65	3		4 4	15 - 18	1
A29008	CESSFORD CONST CO	NELSON	NE 26 T072 R02W	2.62 DWU	3 2		5 5	21 - 24 8 - 14	
A29012	CESSFORD CONST CO	GEODE	NE 01 T069 R05W				4 4	7 - 20 15 - 24 24 - 27	
		SAND & GRAVEL					5 5	11 - 12	
A29502	CESSFORD CONST CO	SPRING GROVE	SW 36 T069 R03W	DWU 2.66	3 X		4 4	9 - 13 17	
30	DICKINSON DIST 3	SAND & GRAVEL							
A30504	HALLETT MATERIALS CO	ROHLIN	NE 06 T098 R36W				3 3		
A30508	HALLETT MATERIALS CO	FOSTORIA/LOST	32 T098 R37W	2.71 2.67	2 X		3 3		
A30510	CEMSTONE S&G	EAST	NE 07 T098 R36W	2.71 2.66	2 X		3 3		
A30512	DICKINSON CO	WESTPORT	NE 17 T098 R38W				4 4		
A30514	HALLETT MATERIALS CO	MILFORD/LEITH	NE 04 T098 R37W	DWU	2				
A30516	COHRS CONSTRUCTION INC	CROSBY	NW 21 T100 R37W						
A30518	COHRS CONSTRUCTION INC	SMITH	SE 06 T098 R36W						
A30520	HALLETT MATERIALS CO	MILFORD/DERNER	W2 13 E2 14 T098 R37W	DWU DWU	2 X				
A30522	HALLETT MATERIALS CO	FODNESS	CT 23 T100 R36W						
A30524	COHRS CONSTRUCTION INC	COHRS/DERNER	S2 NE 14 T098 R37W						

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						A	B				T
31	DUBUQUE	DIST 6	CRUSHED STONE								
A31002	RIVER CITY STONE	ROSE SPUR	27 TO90 R02E	2.66	3i			1 - 8			
A31006	KUHLMAN CONST CO	DYERSVILLE-SUNDHEIM	SE 32 TO89 R02W	2.66	3i		4 4	1 - 15			
A31008	RIVER CITY STONE	KLEIN-RICHARDSVILLE	NW 33 TO90 R01E	DWU	3i		4 4	4 - 12			
A31010	RIVER CITY STONE	BROWN	NW 33 TO89 R02E	2.68	3i		4 4	1 - 8			
A31014	BARD CONCRETE CO	KURT	N2 35 TO87 R02W	2.70	3iB		4 4	3A - 4B			
A31018	RIVER CITY STONE	MELOY	NW 23 TO87 R01E	DWU	3i		4 4	1 - 4			
A31020	RIVER CITY STONE	SCHLITCHE	SE 11 TO89 R02W	DWU	3i		4 4	2 - 9			
A31024	KUHLMAN CONST CO	JOHNS CREEK	SW 36 TO88 R02W	2.69	3i		4 4	3 - 9A			
A31026	WENDLING QUARRIES INC	ARNSDORF	SE 25 TO87 R02E	DWU	3i		4 4	2 - 9			
A31028	RIVER CITY STONE	THOLE	NW 21 TO87 R02E	DWU	3i		4 4	1 - 2			1
A31030	RIVER CITY STONE	KEMP	NE 09 TO89 R01W								
A31034	RIVER CITY STONE	HERMSEN	NE 33 TO90 R02W								
A31036	RIVER CITY STONE	BALLTOWN	SE 05 TO90 R01E								
A31038	RIVER CITY STONE	HARTBECKE	SW 21 TO88 R01W				4				
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			
A31048	RIVER CITY STONE	MCDERMOTT	NE 35 TO88 R01W	2.65	3i		4 4	2			
A31050	RIVER CITY STONE	PLOESSEL-DYERSVILLE	N2 07 TO88 R02W	2.74	3i		4 4	3 - 5			
A31052	HORSFIELD MATERIALS INC	EPWORTH-KIDDER	SW 02 TO88 R01W	DWU	3i			2			
A31054	RIVER CITY STONE	MERRITT	SE 05 TO89 R02E								
A31056	RIVER CITY STONE	RUBIE	SE 06 TO88 R03E	DWU	3iB		4 4	5 - 9			2
A31058	RIVER CITY STONE	HOLY CROSS	SW 12 TO90 R02W								
A31060	BARD CONCRETE CO	EAST CASCADE	SE 22 TO87 R01W	2.71	3i		4 4	2 - 5			
A31064	RIVER CITY STONE	WEBER	NW 32 TO89 R02E	2.67	3i		4 4	3 - 9A			
A31066	RIVER CITY STONE	FILLMORE	SW 26 TO87 R01W	2.70	3i		4 4	2 - 4			
A31068	HORSFIELD MATERIALS INC	DYERSVILLE-MAIERS	SE 19 TO89 R02W								
A31502	AGGREGATE MATLS.-FLYNN	SAND & GRAVEL NINE MILE ISLAND	NE 24 TO88 R03E	2.66 2.66	3i		3 3				
A31504	BARD CONCRETE CO	SAUSER PROPERTY	NW 36 TO87 R02W	2.66	X		4 4				
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										BULK	DUR	FRICT		N		
CODE	OPERATOR		SOURCE NAME	LOCATION			SSD	PCC	HMA		CA	FA	A	B	BEDS	O
							SpGr								T	
															E	
32	EMMET	DIST 3	SAND & GRAVEL													
A32502	HALLETT MATERIALS CO		ESTHERVILLE	N2	03	T099	R34W	2.70	2			3	3			
								DWU		X						
A32506	EMMET COUNTY		FREY	NW	21	T100	R34W					4	4			
A32514	BOGGESS CONST		WALLINGFORD		07	T098	R33W						4			
								DWU		X						
A32522	ESTHERVILLE ROCK & GRAVEL		OLD ESTHERVILLE S&G		30	T099	R33W									
A32524	EMMET COUNTY		PETERSON	SW	34	T100	R34W									
A32530	HALLETT MATERIALS CO		ESTHERVILLE/WHITE	SW	16	T100	R34W	DWU	2			4	4			
								DWU		X						
A32534	COHRS CONSTRUCTION INC		ENERSON		28	T100	R34W					4	4			
A32538	ESTHERVILLE ROCK & GRAVEL		JENSEN	NW	03	T099	R34W	DWU	2							
								DWU		X						
A32540	HALLETT MATERIALS CO		FISHER	NE	33	T098	R32W									
A32542	HALLETT MATERIALS CO		GRAETTINGER	SE	33	T098	R33W					4	4			
A32544	DUININCK BROS INC		ANDERSON		7,8	T100	R34W	DWU		X						
33	FAYETTE	DIST 2	CRUSHED STONE													
A33002	NIEMANN CONST CO		ELDORADO-JACOBSEN	SW	17	T095	R08W	2.69		3iB		5	5	4 - 6B		
A33004	NIEMANN CONST CO		HOUG	SW	11	T094	R08W					5	5	1 - 9		
A33006	NIEMANN CONST CO		MARYVILLE	SE	24	T091	R07W	2.69		3i		4	4	1 - 2		
A33010	WILTGEN CONST CO		VOSHELL	NW	21	T093	R07W					X	X	1 - 4		
A33016	NIEMANN CONST CO		MAYNARD	NE	23	T092	R09W						X			
A33018	NIEMANN CONST CO		FAIRBANK	SW	28	T091	R10W			X		4	4	5		
												4	4	1 - 5		
A33020	NIEMANN CONST CO		YEAROUS	SW	19	T093	R08W					4	4	1 - 10		
A33022	NIEMANN CONST CO		MILLER	SW	35	T095	R10W					4	4	1 - 8		
A33024	NIEMANN CONST CO		WAUCOMA	NW	25	T095	R10W	2.69		3iB		5	5	2 - 4		
A33026	WILTGEN CONST CO		LYNCH	NW	05	T095	R10W					4	4	1 - 5		
A33030	NIEMANN CONST CO		SCHWEMMAN-ST LUCAS	NE	29	T095	R09W					X	X			
A33032	BRUENING ROCK PROD INC		LANDIS	SE	12	T093	R08W			X		4	4	1 - 5		
A33034	NIEMANN CONST CO		MCDONOUGH	SE	36	T094	R08W									
A33036	NIEMANN CONST CO		GRAHAM-HAWKEYE	SW	06	T094	R09W			X		4	4	1 - 4		
A33038	NIEMANN CONST CO		PAPE	NE	28	T095	R08W	DWU		3iB		5	5	3 - 5		
A33040	NIEMANN CONST CO		SINNOTT		25	T093	R09W									
			SAND & GRAVEL													
A33506	NIEMANN CONST CO		ALPHA	NW	03	T094	R10W	2.64		X		4	4			
								2.64			X					
A33508	KNIFE RIVER MIDWEST LLC		DURSCHER	NW	03	T094	R07W						4			
A33510	ZUPKE S&G		RANDALIA	NW	29	T093	R09W					4	4			
								2.64			X					
A33512	NIEMANN CONST CO		WADENA	NE	25	T093	R07W					4	4			
								2.66			X					
A33518	KUHLMAN CONST CO		BASSETT	SE	11	T091	R07W					4	4			
								2.65			X					
A33520	BRUENING ROCK PROD INC		OELWEIN SAND	NE	09	T091	R09W	2.65			X					
A33522	BRUENING ROCK PROD INC		PAPE	SE	08	T095	R08W	2.65			X					
A33524	CROELL REDI-MIX		ROGERS		04	T094	R07W	2.66			X					
A33526	WILTGEN CONST CO		ELDORADO	NE	13	T095	R09W									
A33528	NIEMANN CONST CO		KASEMEIER	SE	19	T093	R10W	2.64			X					

RECENTLY ACTIVE AGGREGATE SOURCES											N		
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION			BULK	DUR		FRICT		BEDS	O T E
							SSD SpGr	PCC CA	FA	HMA A	B		
34	FLOYD	DIST 2	<u>CRUSHED STONE</u>										
A34002	GREENE LS CO		CARVILLE-BUNN	SW	23	TO95 R15W	2.63	2		4	4	1 - 4	
A34004	GREENE LS CO		MAXON	SE	07	TO94 R17W	2.68	2				4C - 19	
									5	5		1 - 17	
A34006	GREENE LS CO		JOHLAS	SW	07	TO94 R15W					X		
A34008	GREENE LS CO		WARNHOLTZ	SW	09	TO96 R16W	2.70	3i		5	5	1 - 4	
							2.68	2		4	4	17 - 18	
											X	1 - 18	
A34010	GREENE LS CO		LACOSTA	SE	25	TO97 R17W	2.67	3i		5	5	1 - 4	
										5	5	1 - 8	
										4	4	9 - 14	
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	DWU	3i				1 - 4	
A34020	CROELL REDI MIX		POWERS	SW	25	TO94 R16W							
			<u>SAND & GRAVEL</u>										
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				4	4		
A34510	GREENE LS CO		BRACKEL	NE	17	TO94 R17W				4	4		
A34514	GREENE LS CO		LITTLE CEDAR	NW	01	TO95 R15W	2.65		X	3	3		
A34516	GREENE LS CO		CEDAR ACRE RESORTS	E2	17	TO95 R15W	2.65		X				
A34518	GREENE LS CO		ENABNIT	NW	21	TO94 R17W							
A34520	CROELL REDI MIX		FOOTHILL		26	TO95 R18W	2.66		X				
35	FRANKLIN	DIST 2	<u>CRUSHED STONE</u>										
A35002	MARTIN MARIETTA		DOWS	NE	30	TO91 R22W				4	4	1 - 4	
										4	4	1 - 12	
										4	4	7 - 12	
										5	5	5 - 6	
A35006	MARTIN MARIETTA		HIBNESS	SE	22	TO91 R20W	2.58	3				1 - 4A	
										4	4	1 - 12	
A35010	GREENE LS CO		MILLER	NE	13	TO91 R19W					4	1 - 5	
A35016	GREENE LS CO		AYRES		01	TO92 R19W							
			<u>SAND & GRAVEL</u>										
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				4	4		
							2.69		X				
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				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		
							2.63		X				
36	FREMONT	DIST 4	<u>CRUSHED STONE</u>										
A36002	SCHILDBERG CONST CO INC		THURMAN	NW	23	TO70 R43W					4		

RECENTLY ACTIVE AGGREGATE SOURCES											N	
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION			BULK	DUR	FRICT		BEDS	E
							SSD SpGr	PCC CA FA	HMA A B	O		
37	GREENE	DIST 1	<u>SAND & GRAVEL</u>									
A37504	HALLETT MATERIALS CO		JEFFERSON	SW	04	T083	R31W	2.66 2.64	2	X	4 4	
A37514	ARCADIA LIMESTONE CO		WRIGHT	NW	05	T084	R32W	2.66 2.59	X X	4 4		
A37520	GREENE CO REDI MIX		HAMILTON		27	T083	R30W					
A37522	KNIFE RIVER MIDWEST LLC		HAUPERT		20	T084	R30W					
38	GRUNDY	DIST 1	<u>SAND & GRAVEL</u>									
A38504	SKYLINE MATERIALS LTD		HERONIMOUS	SE	35	T088	R17W	2.63	X			
A38506	KNIFE RIVER MIDWEST LLC		MEESTER	NE	NE	12	T088	R17W	2.63	X		
39	GUTHRIE	DIST 4	<u>SAND & GRAVEL</u>									
A39502	KNIFE RIVER MIDWEST LLC		HEILAND	SW	29	T079	R30W			4 4		
A39506	BUTTLER CONST CO		BAYARD	NE	22	T081	R32W			4 4		
A39508	MCALISTER AGGREGATES LLC		L & L	NE	33	T078	R31W			4 4		
40	HAMILTON	DIST 1	<u>CRUSHED STONE</u>									
A40006	MARTIN MARIETTA		GRANDGEORGE	SE	18	T089	R25W			5 4 5	3 - 5 7 - 11 12	
			<u>SAND & GRAVEL</u>									
A40512	KNIFE RIVER MIDWEST LLC		ANDERSON		12	T087	R26W					
41	HANCOCK	DIST 2	<u>CRUSHED STONE</u>									
A41002	BMC AGGREGATES LC		GARNER NORTH	SE	11	T095	R24W	2.77 2.77	3iB 3iB	4 4 4 4	1 - 4 6	
A41004	BMC AGGREGATES LC		GARNER SOUTH-WIELAND	NW	13	T095	R24W	2.77 2.77	3iB 3i	4 4 4 4	1 - 4 6	
			<u>SAND & GRAVEL</u>									
A41504	HANCOCK COUNTY		HUTCHINS	E2	27	T096	R26W			4		
A41506	HANCOCK COUNTY		KLEMME		26	T095	R24W			4		
A41518	HANCOCK COUNTY		AUSTIN	NE	11	T097	R25W					
42	HARDIN	DIST 1	<u>CRUSHED STONE</u>									
A42002	MARTIN MARIETTA		ALDEN	NW	20	T089	R21W	2.59 DWU DWU	3iB 3iB 3	4 4	0 - 3 3 0 - 1	1
A42004	GERHKE QUARRIES INC		GIFFORD	NW	04	T086	R19W			5		
			<u>SAND & GRAVEL</u>									
A42502	WELDON BROS CONST CO		IOWA FALLS	NW	20	T089	R20W	2.65 2.68	2	X	4 4	
A42512	HARDIN AGGREGATES INC		GIFFORD	SW	31	T087	R19W	2.66	X	4 4		
A42524	KNIFE RIVER MIDWEST LLC		GRIFFEL	SE	31	T089	R19W			3 3		
A42528	KNIFE RIVER MIDWEST LLC		LLOYD		04	T086	R19W	DWU		4 4		

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

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						HMA A	B				T
43	HARRISON DIST 4	CRUSHED STONE									
A43002	SCHILDBERG CONST CO INC	LOGAN	19 T079 R42W				5 5	25E			
							5 5	25C-25E			
							4	26			
		SAND & GRAVEL									
A43506	SCHEMMER LS INC	LOGAN	SE 08 T079 R42W				3 3				
A43512	HALLETT MATERIALS CO	WOODBINE-MCCANN	SW 29 T081 R41W	DWU 2.68 2.64	3	X	3 3				
						X					
44	HENRY DIST 5	CRUSHED STONE									
A44002	COOTS MATERIALS CO INC	SMITH	SE 17 T071 R06W								
A44006	HENRY COUNTY	LEEPER	NE 18 T071 R06W	DWU	2		4 4	8 - 11			
A44008	DOUDS STONE INC	TWEEDY	SW 36 T071 R06W				4 4	13 - 14			
							5 5	9 - 14			
		SAND & GRAVEL									
A44502	CESSFORD CONST CO	NORTH ROME	SW 29 T072 R07W				4 4				
A44504	IDEAL SAND CO	ENSMINGER-ROME	NW 32 T072 R07W	2.66 2.67		X					
						X					
45	HOWARD DIST 2	CRUSHED STONE									
A45002	SKYLINE MATERIALS LTD	ECKERMAN	NW 33 T100 R11W	2.61	2		X X	8 - 9			
A45006	BRUENING ROCK PROD INC	NELSON	NE 33 T099 R13W	2.54	2		4 4	1 - 3			
				2.54	2		4 4	8 - 9			
A45008	BRUENING ROCK PROD INC	DOTZLER	NE 23 T099 R12W	2.50	3		4 4	7 - 10A			
A45010	BRUENING ROCK PROD INC	DALEY	NE 11 T098 R11W	2.59	3		4 4	9 - 11			
A45014	FALK CONST CO	CECELIA	SE 08 T097 R14W					5			
A45018	BRUENING ROCK PROD INC	LE ROY	NW 10 T100 R14W					X			
A45020	BRUENING ROCK PROD INC	RIECKS	NW 24 T100 R11W								
A45022	BRUENING ROCK PROD INC	MAUER	SE 13 T100 R13W								
A45024	BRUENING ROCK PROD INC	MAPLE LEAF	SE 04 T098 R13W								
A45026	BRUENING ROCK PROD INC	BRUENING BROTHERS #1	SE 22 T100 R11W						1 - 3		
A45028	BRUENING ROCK PROD INC	ELMA	NW 06 T097 R13W	DWU	3		4 4	2 - 3B			
A45030	BRUENING ROCK PROD INC	DIEKEN-TANK	SE 24 T100 R13W								
A45032	KNIFE RIVER MIDWEST LLC	KITCHEN	13 T100 R12W								
		SAND & GRAVEL									
A45502	BRUENING ROCK PROD INC	MAPLE LEAF-POTTER	SE 04 T098 R13W				4 4				
A45504	KNIFE RIVER MIDWEST LLC	ECKERMAN	NW 33 T100 R11W	DWU 2.65	3	X	4 4				
A45508	KNIFE RIVER MIDWEST LLC	SOVEREIGN	SW 01 T098 R12W	DWU 2.65	3	X	3 3				
A45514	KNIFE RIVER MIDWEST LLC	EASTLAND	NE 26 T100 R14W				3 3				
A45516	BRUENING ROCK PROD INC	FREIDERICH	NE 15 T098 R14W				3 3				
A45518	BRUENING ROCK PROD INC	ELMA	NW 06 T097 R13W	2.67 2.67		X					
						X					

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK	DUR	FRICT		BEDS	E		
				SSD	PCC	HMA					
				SpGr	CA	FA	A	B			
46	HUMBOLDT	DIST 2	<u>CRUSHED STONE</u>								
A46006	MARTIN MARIETTA		HODGES	NE 32	T092	R28W	2.60	3i	4	4	10 - 18
							DWU	3i	5	5	4 - 8
A46014	MARTIN MARIETTA		PEDERSEN	SW 28	T092	R28W	2.59	3i	5	5	4 - 13
							2.58	3i	5	5	4 - 20
							2.57	3i	5	5	14 - 20
A46016	KNIFE RIVER MIDWEST LLC		ERICKSON	30	T091	R28W					
			<u>SAND & GRAVEL</u>								
A46512	NORTHWEST MATERIALS		WARREN	SW 08	T092	R30W	DWU			4	
A46516	KNIFE RIVER MIDWEST LLC		ERICKSON	30	T091	R28W			3	3	
A46518	MARTIN MARIETTA		PEDERSEN	SW 28	T092	R28W	2.66	X			
47	IDA	DIST 3	<u>SAND & GRAVEL</u>								
A47502	HALLETT MATERIALS CO		BATTLE CREEK	05	T086	R41W			3	3	
A47504	HIGMAN SAND & GRAVEL		CROCKER	NW 06	T089	R41W					
48	IOWA	DIST 6	<u>SAND & GRAVEL</u>								
A48502	MARENGO READY MIX		KIMMICH	SE 24	T081	R11W	2.66	X	4	4	
A48506	WENDLING QUARRIES INC		MARENGO	NW 22	T081	R11W	2.66	X			
A48508	MARENGO READY MIX		DISTERHOFF	SE 34	T081	R10W	2.66	X			

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA A	B	BEDS	O	T	E
49	JACKSON	DIST 6	CRUSHED STONE								
A49002	BELLEVUE S&G CO	BELLEVUE	SW 25 TO87 R04E	2.67	3i	4	4	1 - 3			
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			
A49010	WENDLING QUARRIES INC	ANDREW	NW 21 TO85 R03E	2.70	3iB	4	4	1B - 3			
A49012	WENDLING QUARRIES INC	FROST	SE 16 TO84 R03E	DWU	3iB	4	4	1 - 7			
A49016	WENDLING QUARRIES INC	WEIS	SE 22 TO85 R04E			4	4	1A - 1D			
A49018	WENDLING QUARRIES INC	PATASKA	NW 23 TO85 R05E			4	4	1 - 2			
A49020	WENDLING QUARRIES INC	PRESTON	SW 26 TO84 R05E	2.67	3i	4	4	7 - 10			
A49021	PRESTON READY MIX	PRESTON R/M	SW 26 TO84 R05E	DWU	3	4	4	1 - 10			
A49022	WENDLING QUARRIES INC	BELLEVUE	SE 23 TO86 R04E	2.67	3i	4	4	7 - 10			
A49024	WENDLING QUARRIES INC	MAQUOKETA EAST	SW 07 TO84 R03E	DWU	3	4	4	1 - 10			
A49026	WENDLING QUARRIES INC	MILES	SW 20 TO84 R06E	2.70	3i	4	4	1 - 8			
A49028	WENDLING QUARRIES INC	FULTON	SW 25 TO85 R02E	DWU	3i	4	4	7 - 8			
A49030	BELLEVUE S&G CO	SPRINGBROOK	15 TO85 R04E			4	4	2			
A49032	WENDLING QUARRIES INC	OTTER CREEK-GLAHN	CT 21 TO86 R02E			4	4	1 - 2			
A49034	WENDLING QUARRIES INC	KILBURG	NW 21 TO85 R05E								
A49040	WENDLING QUARRIES INC	JOINERVILLE-HAMANN	SE 20 TO84 R02E			4	4	1 - 3			
A49042	WENDLING QUARRIES INC	PETERSON	24 TO84 R06E			4	4	1 - 2			
A49044	WENDLING QUARRIES INC	FRANK	NW 14 TO87 R04E								
A49046	WENDLING QUARRIES INC	ROWAN	NE 25 TO86 R03E								
A49048	PRESTON READY MIX	DRURY	CT 32 TO85 R06E								
A49050	RIVER CITY STONE	MARSHALL	NW 01 TO84 R06E								
A49052	WENDLING QUARRIES INC	STILLMUNKES	10 TO85 R05E								
A49054	DUANE KUNDE	KUNDE	E2 33 TO84 R05E								
A49058	WENDLING QUARRIES INC	61 ROAD CUT	N2 31 TO84 R03E	2.67	3i	4	4	1			
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								
A49504	WENDLING QUARRIES INC	KNIPPELMEYER	NE 36 TO87 R04E			4	4				
A49506	BELLEVUE S&G CO	BELLEVUE	E2 01 TO86 R04E	2.64	X						
A49510	WENDLING QUARRIES INC	MAQUOKETA	NE 13 TO84 R02E	2.64	3iB	3	3				
A49516	WENDLING QUARRIES INC	TURNER	NE 07 TO84 R07E	2.68	X	4	4				
A49520	WENDLING QUARRIES INC	BALDWIN	SW 28 TO84 R01E	2.65	X						
A49522	CENTURY READY MIX	EWING	NW 02 TO84 R01E	2.63	3iB	3	3				
A49524	BELLEVUE S&G CO	GRIEBEL	SE 25 TO87 R04E	2.65	X						
A49526	BELLEVUE S&G CO	BELLEVUE FARM	SE 25 TO87 R04E	2.66	X						
A49528	AGGREGATE MATERIALS CO	STEVENS	NW 02 TO84 R01E	DWU	X						
A49530	PRESTON READY MIX	PETERSEN	SW 18 TO84 R07E	DWU	X	4	4				
A49532	WEBER STONE CO INC	IRON HILL	NE 16 TO85 R02E	DWU	X						
A49534	PRESTON READY MIX	MARBURGER	SE 13 TO84 R07E	DWU	X						

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	DIST	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
							A	B		
50	JASPER	DIST 1	CRUSHED STONE							
A50002	MARTIN MARIETTA		SULLY MINE	SE 16 T079 R17W	2.54	3i	4	4	36 - 41 10 - 19	
			SAND & GRAVEL							
A50502	MARTIN MARIETTA		COLFAX	NE 01 T079 R21W	2.66 2.67	2 X	3	3		
A50504	MARTIN MARIETTA		REASNOR	NE 10 T078 R19W	2.66	X	4	4		
51	JEFFERSON	DIST 5	CRUSHED STONE							
A51006	WINN CORP		JEFFERSON	NE 09 T071 R10W			4	4	10 - 12	
52	JOHNSON	DIST 6	CRUSHED STONE							
A52002	WENDLING QUARRIES INC		FOUR CO	NW 04 T081 R08W				X		
A52004	RIVER PRODUCTS CO		CONKLIN	NW 33 T080 R06W	2.66 DWU	3iB 3i	4	4	2 - 10 23 - 24 2 - 5 6 - 10 4 - 4 21	1
A52006	RIVER PRODUCTS CO		KLEIN	NW 02 T079 R07W	2.66 DWU	3iB 3i	4	4	2 - 10 23 - 24 2 - 5 6 - 10 4 - 4 21	1
A52008	RIVER PRODUCTS CO		ERNST SAND & GRAVEL	SW 20 T080 R05W				X		
A52502	S&G MATERIALS INC		SHOWERS	NE 27 T079 R06W	2.65 DWU	X	4	4		
A52506	S&G MATERIALS INC		BUTLER	SW 33 T079 R06W	DWU	X				
A52508	S&G MATERIALS INC		WILLIAMS	NW 34 T079 R06W	DWU	X				
A52510	RIVER PRODUCTS CO		RIVERSIDE #2	34 T078 R06W	DWU	X				

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						HMA A B					T
53	JONES	DIST 6	CRUSHED STONE								
A53002	BARD CONCRETE CO	FARMERS-BEHREND'S	NE 14 TO86 R03W	2.64	3i	4	4	1 - 5			
A53004	WENDLING QUARRIES INC	MONTICELLO	NE 24 TO86 R04W	2.66	3i	4	4	1			
A53006	WENDLING QUARRIES INC	ANAMOSA	SE 13 TO84 R04W	DWU	3i	4	4	1 - 5			
A53010	WENDLING QUARRIES INC	BALLOU-OLIN	NE 24 TO83 R03W	DWU DWU	3iB 3			1 - 6 3			
A53012	WENDLING QUARRIES INC	WYOMING	33 TO84 R01W	2.69	3iB	4	4	1 - 3			
A53014	WEBER STONE CO INC	JACOBS-SCOTCH GROVE	SW 07 TO85 R02W			4	4	1 - 2C			
A53016	WEBER STONE CO INC	STONE CITY	5,6 TO84 R04W	2.45	3i	4	4	2B - 3			
A53018	RIVER CITY STONE	FINN	NE 06 TO85 R01W	DWU	3i	4	4	2 - 5			
A53020	WENDLING QUARRIES INC	CANTON	NE 24 TO85 R01W					X			
A53024	RIVER CITY STONE	SULLIVAN	NW 14 TO86 R03W	DWU	3i			1 - 5			
A53026	RIVER CITY STONE	ANAMOSA	SW 15 TO84 R04W								
A53502	WENDLING QUARRIES INC	MONTICELLO	SE 07 TO86 R03W	2.66		X		4 4			
A53506	RIVER CITY STONE	FINN	N2 06 TO85 R01W	2.65		X		4 4			
A53508	WENDLING QUARRIES INC	ANAMOSA-VERNON	SW 13 TO84 R04W	2.66		X		4 4			
A53510	WENDLING QUARRIES INC	KNAPP	SE 27 TO84 R03W	2.65		X		4 4			
A53514	WENDLING QUARRIES INC	FLEMING	NE 12 TO83 R03W	2.66		X		4 4			
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	2.66		X					
A53530	RIVER CITY STONE	ANAMOSA-WOOD'S	CT 15 TO84 R04W	2.65 2.66		X X					
54	KEOKUK	DIST 5	CRUSHED STONE								
A54002	DOUDS STONE INC	KESWICK	NW 21 TO77 R12W	2.61	2	4	4	13 - 15			1
A54004	DOUDS STONE INC	OLLIE	SW 01 TO74 R11W	2.66 2.57	3 3	4	4	13 - 18 27 - 29			1
A54008	DOUDS STONE INC	HARPER	SE 11 TO76 R11W			4	4	13 - 19 27 - 30 31 - 33			
A54010	DOUDS STONE INC	LYLE	NW 13 TO74 R13W	DWU	3	4	4	15 - 24 32 - 37 38 - 40			
A54012	WINN CORP	KEOKUK COUNTY QUARRY	NW 21 TO74 R11W			4	4	40			
A54502	WINN S&G	WINN	SE 06 TO74 R10W	2.66		X		36 - 38 1 - 5			

NOTE 1: 1.25 INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES										N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	E	
						A	B			
55	KOSSUTH	DIST 2	<u>SAND & GRAVEL</u>							
A55506	KOSSUTH COUNTY		WHITTEMORE	NW 16 TO95 R30W			4 4			
A55508	KOSSUTH COUNTY		IRVINGTON	NW 36 TO95 R29W			4 4			
A55518	REDING S&G		REDING	02 TO94 R29W						
A55536	HANSEN CONST CO		BREESE	NE 15 TO98 R30W						
A55548	MARTIN MARIETTA		BORMANN SAND	NW 39 TO94 R29W						
56	LEE	DIST 5	<u>CRUSHED STONE</u>							
A56002	CESSFORD CONST CO		HAWKEYE	NE 10 TO68 R06W			4 4	5 1 - 21 22 - 27		
A56004	CESSFORD CONST CO		FRANKLIN	NE 25 TO68 R06W	2.49	2	4 4	12 - 14 12	1	
A56006	CESSFORD CONST CO		ARGYLE	SE 18 TO66 R06W			4 4	1 - 17 5 4 - 12		
A56008	CESSFORD CONST CO		DONNELSON	SE 05 TO67 R06W			4 4	13 - 17 10 - 15		
A56012	CESSFORD CONST CO		VINCENNES	NW 19 TO66 R06W			4 4			
A56504	CESSFORD CONST CO		<u>SAND & GRAVEL</u> VINCENNES	SE 32 TO66 R06W	2.67		X	4 4		
A56506	BROCKMAN SAND CO		FORT MADISON	SW 11 TO67 R05W	2.67		X	4 4		
A56508	SHIPLEY CONTRACTING CORP		LEE COUNTY S&G	SE 11 TO67 R05W	DWU		X			

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES										N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS		O T E
						A	B			
57	LINN DIST 6	CRUSHED STONE								
A57002	WENDLING QUARRIES INC	BETENBENDER-COGGON	SW 03 T086 R06W	DWU	3i			8 - 9		
				DWU	2			8 - 10		
A57004	WENDLING QUARRIES INC	PLOWER	SE 36 T086 R06W	2.62	3			9 - 11		
							4 4	1 - 10		
A57006	WENDLING QUARRIES INC	ROBINS	NE 21 T084 R07W	2.57	3i		4 4	3		1
A57008	WENDLING QUARRIES INC	BOWSER-SPRINGVILLE	SW 29 T084 R05W	DWU	3i		4 4	6 - 7		
				DWU	3i		4 4	8 - 9		
A57010	WENDLING QUARRIES INC	TROY MILLS	SE 09 T086 R07W				X X			
A57012	WENDLING QUARRIES INC	MORGAN CREEK	SE 22 T083 R08W				X X			
A57014	WENDLING QUARRIES INC	SWEETING	NW 18 T085 R08W					4		
A57016	WENDLING QUARRIES INC	ALICE	NW 08 T085 R07W					4		
A57018	MARTIN MARIETTA	CEDAR RAPIDS	NE 15 T082 R06W	2.64	3i			2 - 9		1
							4 4	2 - 14		
A57020	WENDLING QUARRIES INC	LISBON	NW 24 T082 R05W	DWU	3iB		4 4	1		
A57022	CRAWFORD QUARRY CO	LEE CRAWFORD	NW 23 T083 R08W	2.55	3i		4 4	8		
A57026	NIEMANN CONST CO	COOK	NW 10 T086 R07W							
A57028	WENDLING QUARRIES INC	BEVERLY	NW 07 T082 R07W	DWU	3i		4 4	6 - 7		
A57030	BRUENING ROCK PROD INC	HENNESSEY	NE 01 T082 R07W	DWU	3i		4 4	4 - 5		
		SAND & GRAVEL								
A57502	WENDLING QUARRIES INC	SWEETING	NE 18 T085 R08W	2.64		X	4 4			
A57506	WENDLING QUARRIES INC	CEDAR RAPIDS	NE 27 T084 R08W	2.65		X	4 4			
A57508	WENDLING QUARRIES INC	EAST MARION	NE 36 T084 R06W	2.65		X	3 3			
A57520	WENDLING QUARRIES INC	IVANHOE	NW 29 T082 R05W	2.66		X	4 4			
A57522	WENDLING QUARRIES INC	CENTRAL CITY	NE 10 T085 R06W	2.65		X	4 4			
A57524	WENDLING QUARRIES INC	COGON	NW 11 T086 R06W	2.65		X	4 4			
A57526	WENDLING QUARRIES INC	TROY MILLS	SE 09 T086 R07W	2.65		X				
A57528	WENDLING QUARRIES INC	BLAIRSFERRY SAND	SW 26 T084 R08W	DWU	2B		3 3			
				2.65		X				
A57530	WENDLING QUARRIES INC	HESS	SW 04 T082 R06W	DWU		X				
A57532	CROELL READY MIX	PALO	NE 21 T084 R08W	DWU		X				
A57534	MARTIN MARIETTA	LINN COUNTY SAND	NE 05 T082 R06W	DWU		X				
58	LOUISA DIST 5	CRUSHED STONE								
A58002	RIVER PRODUCTS CO	COLUMBUS JUNCTION	NW 03 T074 R05W	2.55	3			16 - 19		2
								4 4		
								4 4		
		SAND & GRAVEL								
A58504	RIVER PRODUCTS CO	FREDONIA A INLAND PUMPING	SW 17 T075 R04W	2.66		X	4 4			
		FREDONIA B RIVER PUMPING	SW 17 T075 R04W	2.66		X	4 4			

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

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						HMA A B					T
60	LYON	DIST 3	<u>SAND & GRAVEL</u>								
A60502	PETTENGILL CONC & GRAVEL	ROCK RAPIDS #1	NW 33 T100 R45W	2.69 2.67	2	X	3 3				
A60504	PETTENGILL CONC & GRAVEL	ROCK RAPIDS #2	NE 09 TO99 R45W				3 3				
A60508	DIETER PIT	DIETER	SE 24 T100 R49W				4 4				
A60510	HALLETT MATERIALS CO	OLSON	NW 21 T099 R48W				4 4				
A60512	JOE'S READY MIX INC	LITTLE ROCK	NW 03 T099 R43W	DWU 2.66	2	X	4 4				
A60518	ROCK VALLEY GRAVEL CO	OPEN	NW 17 T099 R48W				4 4				
A60520	HOGAN	WINTER	SE 18 T099 R43W				4 4				
A60522	HYMANS CONST CO	OPEN	17 T098 R44W				4 4				
A60528	HYMANS CONST CO	RUDD	20 T100 R45W				4 4				
A60530	DUININCK BROS	KOOIKER	28 T099 R45W								
A60534	DUININCK BROS	EGEBO	16 T099 R48W				4 4				
A60540	SOUTHERN MN CONST CO INC	KANANGEITER	SE 04 T099 R43W								
A60542	KRUSE PAVING	EBEN	NW 17 T099 R43W								
A60544	DAKOTA ROAD BUILDERS INC	ORVE	NE 24 T100 R49W								
A60546	HALLETT MATERIALS CO	VANDERBRINK	NW 07 T098 R45W								
A60548	HALLETT MATERIALS CO	O'CONNOR	NW 16 T099 R48W								
61	MADISON	DIST 4	<u>CRUSHED STONE</u>								
A61002	SCHILDBERG CONST CO INC	EARLY CHAPEL-DAGGETT	SW 03 T076 R29W				5 5			15	
							5			12	
							4			14B	
A61010	MARTIN MARIETTA	EARLHAM	N2 09 T077 R28W				5			25E	
A61012	MARTIN MARIETTA	WINTERSET NORTH	SE 27 T076 R27W				5			25	
A61013	SCHILDBERG CONST CO INC	WINTERSET WEST	SW 28 T076 R27W				5			25E	
A61016	PERU QUARRY	PERU	NE 27 T075 R27W								
A61024	MARTIN MARIETTA	PENN-DIXIE	SW 32 T076 R27W				5			25	
A61026	MARTIN MARIETTA	MASON	SW 16 T077 R28W				4			20	
							5			25	
A61028	GRIMES ASPHALT & PAVING	GRIMES ASPHALT & PAV	SE 04 T074 R27W				5			25	
A61032	MARTIN MARIETTA	THRAILKILL	NE 08 T077 R28W				4			20	
							5			25	
A61034	BIG STONES QUARRY INC	CLANTON CREEK	NW 10 T074 R27W								
A61036	SCHILDBERG CONST CO INC	MONARCH CEMENT OF IOWA	NE 08 T077 R28W							25B-25E	
62	MAHASKA	DIST 5	<u>SAND & GRAVEL</u>								
A62502	SKYLINE CONST CO	G71	SW 15 T074 R16W	2.67		X					

RECENTLY ACTIVE AGGREGATE SOURCES											N		
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION			BULK	DUR		FRICT		BEDS	E
							SSD SpGr	PCC CA	FA	HMA A	B		
63	MARION	DIST 5	CRUSHED STONE										
A63002	MARTIN MARIETTA		DURHAM MINE	NE	08	T075	R18W	DWU 2.59	3i 2		4 4 4 4 4 4	101 88 - 95 95 - 96	1
A63010	BRUENING ROCK PROD INC		S&S SAND & GRAVEL	SE	25	T075	R20W				4 4 4		
A63502	PELLA CONST CO LTD		BEAN PROPERTY	NE	02	T075	R18W	2.67		X	4 4		
A63512	MARTIN MARIETTA		NEW HARVEY	NW	12	T075	R18W	2.67		X			
64	MARSHALL	DIST 1	CRUSHED STONE										
A64002	MARTIN MARIETTA		FERGUSON	SW	05	T082	R17W	2.65 2.66 DWU 2.66 DWU	3i 3 2 2 2		4 4 4 4 4 4 4 4 4 4	10 - 21 10 - 17 8 - 17 8 - 21 2 - 17	
A64004	CESSFORD CONST CO		LE GRAND	SW	36	T084	R17W	2.58 DWU	3i 2		5 5 4 4 4 4 4 4	1 - 7 19B-31 8 - 19A 19B-32	
A64502	MARTIN MARIETTA		SAND & GRAVEL MARSHALLTOWN	SW	29	T084	R17W	2.66 2.65	2	X	4 4		
A64506	KNIFE RIVER MIDWEST LLC		BEACH	NW	09	T085	R20W				X		
65	MILLS	DIST 4	CRUSHED STONE										
A65006	SCHILDBERG CONST CO INC		MALVERN	NW	SE	31	T072	R41W			X		
66	MITCHELL	DIST 2	CRUSHED STONE										
A66002	FALK CONST CO		DUENOW	SE	08	T099	R17W	2.77	3iB 3			5 13 1 - 5 7 - 13	
A66006	FALK CONST CO		WILDE	NE	07	T098	R18W				4 4 4 4	5	
A66014	FALK CONST CO		STAFF	NE	17	T097	R17W	DWU	3i			3	
A66016	FALK CONST CO		LESCH	SW	12	T097	R17W	DWU	3i			6 - 7 1 - 8 9 - 14	
A66018	FALK CONST CO		DYNES	SW	30	T099	R15W						
A66020	FALK CONST CO		ASPEL	NE	03	T099	R15W						
A66022	FALK CONST CO		WAGNER	NW	29	T098	R16W		X		X X		
A66024	FALK CONST CO		GRUNDEL		07	T098	R18W						
A66026	CROELL REDI-MIX		KOSTER	NE	35	T099	R18W						
A66502	FALK CONST CO		SAND & GRAVEL OSAGE-SCHMIDT	NW	01	T097	R17W	2.63		X	4 4		
A66504	FALK CONST CO		ST ANSGAR-BLAZEK	SW	36	T099	R18W				3 3		
A66510	FALK CONST CO		NEWBURG	NW	26	T099	R18W				3 3		
A66512	FALK CONST CO		KLAHSEN	SW	36	T099	R18W	2.66		X			
A66514	FALK CONST CO		LOVIK	SE	SW	12	T097	R17W	2.65	X			

NOTE 1: BOTTOM 5.0' ONLY OF BED 95

RECENTLY ACTIVE AGGREGATE SOURCES											N	
CODE	OPERATOR	SOURCE NAME	LOCATION			BULK	DUR		FRICT		BEDS	O T E
						SSD SpGr	PCC CA	FA	HMA A	B		
67	MONONA DIST 3	<u>SAND & GRAVEL</u>										
A67502	HALLETT MATERIALS CO	RODNEY	02	T085	R44W	DWU DWU	2	X	3	3		
A67506	HARGRAVE	HARGRAVE	NE	31	T085 R46W				4	4		
A67508	MIDWEST PAVING CO	ONAWA	SW	09	T082 R45W				4	4		
68	MONROE DIST 5	<u>CRUSHED STONE</u>										
A68004	DOUDS STONE INC	EDDYVILLE SOUTH	SW	02	T073 R16W							
69	MONTGOMERY DIST 4	<u>CRUSHED STONE</u>										
A69002	SCHILDBERG CONST CO INC	STENNETT	NE	27	T073 R38W				4		16 - 17	
A69504	WESTERN ENGINEERING	SAND & GRAVEL ELLIOT	13	T073	R38W				4	4		
70	MUSCATINE DIST 5	<u>CRUSHED STONE</u>										
A70002	WENDLING QUARRIES INC	MOSCOW	NW	08	T078 R02W	2.66 2.67	3i 3iB		5	5	11 - 17 21A- 24 8 - 17 1 - 9	
A70006	TUBE CITY IMS CORP	WILTON	SE	02	T078 R02W				2	2		
A70008	BLACKHEART SLAG	MONTPELIER	SE	11	T077 R01E				2	2		
A70504	WENDLING QUARRIES INC	SAND & GRAVEL ATALISSA-MCKILLIP	NW	20	T078 R02W	2.66	X		4	4		
A70506	ACME FUEL AND MATERIALS	ACME	SE	22	T076 R02W	2.65	X					
A70508	HAHN S&G	HAHN	SE	16	T076 R02W							
A70510	NORTHERN GRAVEL CO	NORTHERN		15	T076 R02W							
71	O'BRIEN DIST 3	<u>SAND & GRAVEL</u>										
A71522	FABER & SON CONST CO	SHELDON	SE	19	T097 R42W				4	4		
A71528	O'BRIEN COUNTY	COUNTY	NW	27	T095 R39W				4	4		
A71530	HALLETT MATERIALS CO	ROHLIN		14	T097 R42W				4	4		
A71532	KNIFE RIVER MIDWEST LLC	DOUMA	SE	05	T096 R41W							
A71534	HALLETT MATERIALS CO	SHELDON/KLEINWALTERINK	CT	16	T097 R42W							
A71536	DAVE'S S&G	PHLOW CREEK		25	T097 R39W							

RECENTLY ACTIVE AGGREGATE SOURCES													N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA A	FRICT HMA B	BEDS				O	
												E	
72	OSCEOLA	DIST 3	<u>SAND & GRAVEL</u>										
A72504	NORTHWEST R/M CONC INC	OCHEYEDAN	SE 15 SW 14 TO99 R40W	2.71	2		3 3						
A72506	HALLETT MATERIALS CO	ASHTON	SW 28 TO98 R42W	2.68 2.69 2.69	X 2 X								
A72520	NORTHWEST R/M CONC INC	OCHEYEDAN NORTH	NE 23 TO99 R40W				4 4						
A72522	HIGMAN SAND & GRAVEL	KAPPES	NE 11 TO98 R42W	DWU	2								
A72524	KNIFE RIVER MIDWEST LLC	BOERHAVE	SE 21 TO98 R42W		X								
A72528	KNIFE RIVER MIDWEST LLC	DIRKS	SW 36 TO99 R40W	DWU	X								
A72530	NORTHWEST R/M CONC INC	BOYD	NW 36 TO99 R40W	2.65	2		3 3						
A72532	HALLETT MATERIALS CO	OCHEYEDAN/PEDLEY	NW 23 TO99 R40W	2.66	X								
73	PAGE	DIST 4	<u>CRUSHED STONE</u>										
A73004	SCHILDBERG CONST CO INC	SHAMBAUGH	SW 20 TO67 R36W				4						
A73508	HALLETT MATERIALS CO	<u>SAND & GRAVEL</u> SHENANDOAH-CONNELL II	NE 07 TO69 R39W	DWU 2.63	2	X							
74	PALO ALTO	DIST 3	<u>SAND & GRAVEL</u>										
A74502	HALLETT MATERIALS CO	EMMETSBURG S&G	36 TO96 R33W	2.71	2	X	3 3						
A74509	HOFFERT S&G	EMMETSBURG	NW 22 TO96 R33W	2.64 2.69 2.66	X 2 X		4 4						
75	PLYMOUTH	DIST 3	<u>SAND & GRAVEL</u>										
A75502	HIGMAN SAND & GRAVEL	AKRON	NW 01 TO92 R49W	2.70	2	X	3 3						
A75503	EVERIST INC	AKRON	NE 01 TO92 R49W	2.67 2.69 2.67	X 2 X		3 3						
A75512	HYMANS CONST CO	KINGSLEY	NE 13 TO90 R44W				4 4						
A75514	WALKERS EXCAVATING CO	OYENS	05 TO92 R44W				3 3						
A75516	HALLETT MATERIALS CO	BRUNSVILLE	03 TO92 R46W				4 4						
A75518	HALLETT MATERIALS CO	HINTON	NW 16 TO90 R46W	DWU	3		3 3						
A75520	HALLETT MATERIALS CO	MERRILL	02 TO91 R46W				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								

RECENTLY ACTIVE AGGREGATE SOURCES											N		
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION			BULK SSD SpGr	DUR		FRICT		BEDS	O T E
								CA	FA	A	B		
76	POCAHONTAS	DIST 3	<u>CRUSHED STONE</u>										
A76002	MARTIN MARIETTA		GILMORE CITY	NE	36	TO92	R31W	2.64	3iB		5 5	1A - 3	
											4 4	1B - 3	
A76004	MARTIN MARIETTA		MOORE	SW	25	TO92	R31W	2.65	3iB		5 5	1A - 3	
											4 4	3	
											4 4	1B - 3	
											4 4	4 - 10	1
											5 5	4 - 12	
			<u>SAND & GRAVEL</u>										
A76512	MARTIN MARIETTA		LIZARD CREEK		13	TO90	R31W				4 4		
A76514	BLACKTOP SERVICES		MILLER		12	TO93	R31W	DWU		X	4 4		
77	POLK	DIST 1	<u>SAND & GRAVEL</u>										
A77504	HALLETT MATERIALS CO		DENNY-JOHNSTON		08	TO79	R24W	2.70	2		3 3		
								2.67		X			
A77522	HALLETT MATERIALS CO		EDM #2-VANDALIA	NE	07	NW 08	TO78	R23W	2.69	2	3 3		
								2.65		X			
A77526	HALLETT MATERIALS CO		ARMY POST EAST		SE	29	TO78	R25W	2.66	2	3 3		
								2.65		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						
A77534	MARTIN MARIETTA		SAYLORVILLE SAND		09	TO79	R24W	DWU	2				
								2.66		X			
78	POTTAWATTAMIE	DIST 4	<u>CRUSHED STONE</u>										
A78002	SCHILDBERG CONST CO INC		CRESCENT		35	TO76	R44W				4 4	25B-25E	
											4 4	25C-25E	
											4	25A-25C	
											5	25F	
											4	26A-26E	
											4	27A-27B	
A78006	SCHILDBERG CONST CO INC		MACEDONIA-K&S	NE	28	TO74	R40W				4		
			<u>SAND & GRAVEL</u>										
A78504	WESTERN ENGRG CO INC		OAKLAND		SW	23	TO75	R40W	2.65	3	4 4		
								2.65		X			
A78506	SCHILDBERG CONST CO INC		CRESCENT		NE	34	TO76	R44W			4 4		
79	POWESHIEK	DIST 1	<u>CRUSHED STONE</u>										
A79002	MARTIN MARIETTA		MALCOM MINE		SE	04	TO80	R15W	2.58	2	4 4	10C-13	
80	RINGGOLD	DIST 4	<u>CRUSHED STONE</u>										
A80002	SCHILDBERG CONST CO INC		WATTERSON		SE	19	TO67	R29W			5	7	

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

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA	FRICT HMA A	B	BEDS	E		O
											T
81	SAC	DIST 3	<u>SAND & GRAVEL</u>								
A81502	HALLETT MATERIALS CO	SACTON-LAKEVIEW	S2 08 T086 R36W	2.72 2.67	3		3 3				
A81504	HALLETT MATERIALS CO	AUBURN	NW 02 T086 R35W	2.68 2.64	2	X	4 4				
A81506	HALLETT MATERIALS CO	SAC CITY	NW 36 T088 R36W	DWU		X	4 4				
A81508	LAKE VIEW CONCRETE PROD	LAKEVIEW	SE 05 T086 R36W				4 4				
A81514	TIEFENTHALER INC	CARNARVON S&G	NE 16 T086 R36W	2.68 2.66	2		3 3				
A81520	KNIFE RIVER MIDWEST LLC	UREN	SE 11 T087 R36W	2.67		X	3 3				
A81522	HALLETT MATERIALS CO	ULMER	SW 28 T087 R35W				4 4				
A81524	KNIFE RIVER MIDWEST LLC	NO NAME	SE 04 T087 R37W				4 4				
A81528	HALLETT MATERIALS CO	WALL LAKE	NW 18 T086 R36W	2.70 2.67	3	X					
A81530	HALLETT MATERIALS CO	LEITZ NORTH	SE 29 T087 R35W	DWU		X					
A81532	HIGMAN SAND & GRAVEL	EARLY-THORPE	22 T089 R37W	DWU	2		4 4				
A81536	TIEFENTHALER INC	DAIKER	NE 12 T086 R35W	DWU		X					
A81540	TIEFENTHALER INC	COLBURN	13 T087 R35W								
A81542	HALLETT MATERIALS CO	WALL LAKE BOYER	13 T086 R37W								
82	SCOTT	DIST 6	<u>CRUSHED STONE</u>								
A82002	RIVERSTONE GROUP INC	MCCAUSLAND (MC 39)	W2 17 T080 R04E	DWU	3i		4 4	17 - 19*	1		
				DWU	3		4 4	1 - 16	1		
A82004	RIVERSTONE GROUP INC	NEW LIBERTY (MC 41)	NE 33 T080 R01E	DWU	3iB		4 4	1 - 2	1		
A82006	RIVERSTONE GROUP INC	LECLAIRE (MC 38)	NW 35 T079 R05E	2.71 DWU	3i			14 - 27			
				DWU	3i			28 - 29			
				DWU	3			2 - 13			
A82008	LINWOOD MINING & MINERALS	LINWOOD MINE	SW 13 T077 R02E	2.67 2.69	3i		4 4	1 - 28			
				DWU	3i		5 5	20 - 25			
				DWU	3i		5 5	27 - 30B			
				DWU	3		4 4	33 - 41			
							5 5	19			
							4 4	24 - 25			
			<u>SAND & GRAVEL</u>								
A82502	RIVERSTONE GROUP INC	MCCAUSLAND (MC 43)	SW 17 T080 R05E	2.66		X	4 4				
83	SHELBY	DIST 4	<u>SAND & GRAVEL</u>								
A83506	HALLETT MATERIALS CO	HARLAN-REINIG	NW 30 T079 R38W	2.65 2.65	3						
A83508	BEDROCK GRAVEL CO	JACKSONVILLE	12 T079 R37W			X					

* TOP 32' OF BED 19
NOTE 1: 1.25-INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O T E
						A	B				
84	SIOUX DIST 3	<u>SAND & GRAVEL</u>									
A84502	VALLEY SAND AND GRAVEL	VANZEE	NW 20 TO97 R46W	2.69 2.67	2	X	3 3				
A84504	HYMANS CONST CO	VANDERESCH	SE 20 TO96 R47W	DWU	2		3 3				
A84506	HALLETT MATERIALS CO	HUDSON-OSTERCAMP	SE 07 TO96 R47W	2.69		X	3 3				
A84508	JOE'S READY MIX INC	SIOUX CENTER	NW 33 TO95 R45W	DWU		X	4 4				
A84510	EVERIST INC	HAWARDEN-NORTH	S2 NW 22 TO95 R48W	2.70 2.67	2	X	3 3				
A84511	HYMANS CONST CO	HAWARDEN	NE 01 TO95 R48W	DWU	2		3 3				
A84514	BOYDEN	COUNTY	35 TO97 R44W				4 4				
A84520	COUNTY PIT	CHATSWORTH	SW 28 TO94 R48W				4 4				
A84522	HALLETT MATERIALS CO	HYMAN	SW 31 TO96 R47W								
A84524	VALLEY SAND AND GRAVEL	GROTH	NW 36 TO97 R48W				4 4				
A84526	HIGMAN S&G	JONAS	NE 36 TO94 R44W	DWU		X	4 4				
A84528	HIGMAN S&G	HIGMAN-CHATSWORTH	W2 28 TO94 R48W	2.69 DWU	2	X	4 4				
A84530	VALLEY SAND AND GRAVEL	GROENWEG	NW 15 TO97 R46W	DWU DWU	2	X	3 3				
A84532	KNIFE RIVER MIDWEST LLC	LASSON	32 TO94 R44W	DWU DWU	2	X					
A84534	KNIFE RIVER MIDWEST LLC	CLEVERINGA	SE 25 TO95 R44W	DWU		X					
85	STORY DIST 1	<u>CRUSHED STONE</u>									
A85006	MARTIN MARIETTA	AMES MINE	SW 24 T084 R24W	2.57	3i		5 5	19 - 25			
				2.68	3iB		4 4	26,28-39			
		<u>SAND & GRAVEL</u>					4 4	47			
A85510	HALLETT MATERIALS CO	AMES SOUTH	18 T083 R23W	2.66 2.65	2	X	3 3				
86	TAMA DIST 1	<u>CRUSHED STONE</u>									
A86002	WENDLING QUARRIES INC	MONTOUR	NW 09 T083 R16W	2.61 2.63	3i 3i		5 5	1 - 7			
							4 4	13 - 20			
		<u>SAND & GRAVEL</u>					4 4	8 - 12			
A86502	MANATT'S INC	FLINT	NW 03 T082 R15W	2.65		X	3 3				
87	TAYLOR DIST 4	<u>CRUSHED STONE</u>									
A87004	SCHILDBERG CONST CO INC	102 QUARRY	NE 32 T068 R34W					4			
88	UNION DIST 4	<u>CRUSHED STONE</u>									
A88002	SCHILDBERG CONST CO INC	THAYER	NE 35 T072 R28W				5	25A-25E			
							5	25E			

NOTE 1: THE CONTENT OF BED 26 SHALL NOT BE MORE THAN 50% IN THE OVERALL PRODUCT.

RECENTLY ACTIVE AGGREGATE SOURCES											N		
CODE	OPERATOR	DIST	SOURCE NAME	LOCATION			BULK	DUR		FRICT		BEDS	O T E
							SSD SpGr	PCC CA	FA	HMA A	B		
89	VAN BUREN	DIST 5	<u>CRUSHED STONE</u>										
A89002	DOUDS STONE INC		DOUDS MINE	SE	25	T070 R11W	2.46	2		4	4	6 - 13	
A89006	CESSFORD CONST CO		FARMINGTON-COMANCHE	NE	05	T067 R08W	2.69	3i		5	5	3	
							2.52	2		4	4	16 - 17	
										4		18 - 22	
										5	5	5 - 12	
A89008	DOUDS STONE INC		SELMA-GARDNER	NW	16	T070 R11W	2.69	3		4	4	11	
										5	5	7 - 10	
										5		7 - 11	
										4	4	14 - 21	
										4	4	22 - 31	
90	WAPELLO	DIST 5	<u>SAND & GRAVEL</u>										
A90504	DOUDS STONE INC		HOFFMAN	SE	10	T072 R14W				4	4		
A90506	WINN CORP		WAPELLO CO SAND & ROCK		5,6	T071 R13W	2.65 DWU		X				
									X				
92	WASHINGTON	DIST 5	<u>CRUSHED STONE</u>										
A92002	DOUDS STONE INC		WEST CHESTER	NE	19	T076 R08W	2.64 DWU	3		4	4	5 - 7	
								2				14 - 16	
A92006	DOUDS STONE INC		COPPOCK	NE	30	T074 R07W				5	5	3 - 4	
A92008	RIVER PRODUCTS CO		PEPPER-KEOTA FIELD	SW	31	T076 R09W							
A92014	DOUDS STONE INC		COPPOCK NORTH	SE	19	T074 R07W							
			<u>SAND & GRAVEL</u>										
A92502	RIVER PRODUCTS CO		RIVERSIDE	NE	10	T077 R06W	2.65		X	4	4		
94	WEBSTER	DIST 1	<u>CRUSHED STONE</u>										
A94002	MARTIN MARIETTA		FT DODGE MINE	SW	24	T089 R29W	2.64	3iB		4	4	36 - 42	
A94008	KNIFE RIVER MIDWEST LLC		BUSKE	SE	36	T090 R29W				5	5	1 - 11	
			<u>SAND & GRAVEL</u>										
A94502	NORTHWEST MATERIALS		YATES	SW	01	T089 R29W	2.66		X	4	4		
A94522	AUTOMATED S&G		CROFT	NW	14	T089 R29W	2.65		X				
A94526	KNIFE RIVER MIDWEST LLC		BUSKE	SE	36	T090 R29W				3	3		
							2.67		X				
A94528	KNIFE RIVER MIDWEST LLC		CONDON	NW	19	T090 R30W							

RECENTLY ACTIVE AGGREGATE SOURCES											N		
CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR		FRICT		BEDS	O T E
								CA	FA	A	B		
96	WINNESHIEK DIST 2	CRUSHED STONE											
A96002	SKYLINE MATERIALS LTD	KENDALLVILLE	NE	33	T100	R10W	2.68	3B		4	4	3 - 7	
											4	1 - 7	
A96003	WILTGEN CONST CO	BROWN	NW	08	T099	R10W							
A96004	SKYLINE MATERIALS LTD	HOVEY	SW	28	T098	R08W	2.64	3B		4	4	1 - 4	
											4	1 - 6	
A96005	BRUENING ROCK PROD INC	MCGEE	NW	19	T099	R10W							
A96007	WILTGEN CONST CO	JACKSON	NE	31	T096	R10W							
A96008	BRUENING ROCK PROD INC	WELKEN	SW	04	T098	R07W	2.71	3i		4	4	4 - 8	
A96009	SKYLINE MATERIALS LTD	DRACKLEY		15	T099	R08W							
A96010	KNIFE RIVER MIDWEST LLC	ANDERSON	SW	22	T100	R10W	2.65	3B		5	5	1 - 4	
A96014	NIEMANN CONST CO	FESTINA	SW	26	T096	R09W		X		5	5	1 - 3	
A96016	BRUENING ROCK PROD INC	SKYLINE A	SE	10	T098	R08W	2.63	3B		5	5	1 - 3	
											4	4 - 8	
A96017	BRUENING ROCK PROD INC	SKYLINE B	CT	10	T098	R08W	2.63	3B		5	5	1 - 3	
											4	4 - 11	
A96022	WILTGEN CONST CO	MADISON #2	NE	18	T098	R08W					5		
A96025	WILTGEN CONST CO	MADISON #1	NW	17	T098	R08W					4		
A96030	SKYLINE MATERIALS LTD	ASK	NE	27	T098	R07W					4		
A96032	SKYLINE MATERIALS LTD	BRUVOLD	NW	20	T098	R07W					X		
A96034	BRUENING ROCK PROD INC	THOMPSON	SE	29	T098	R09W							
A96038	SKYLINE MATERIALS LTD	NORDNESS	SE	09	T097	R08W					X		
A96040	SKYLINE MATERIALS LTD	LOCUST	NE	11	T099	R08W					X		
A96046	BRUENING ROCK PROD INC	SERSLAND-SMORSTAD	SE	09	T097	R07W				X	X		
A96048	NIEMANN CONST CO	LOVE #1	NW	30	T096	R10W					X		
A96049	NIEMANN CONST CO	LOVE #2	SW	30	T096	R10W					X	1 - 10	
A96050	BRUENING ROCK PROD INC	BULLERMAN-FESTINA	SE	14	T096	R09W					4	1 - 3	
A96052	SKYLINE MATERIALS LTD	ESTREM	SW	04	T097	R07W	2.63	3B				1 - 6	
										5	5	1 - 8	
A96054	SKYLINE MATERIALS LTD	HORSESHOE BEND	SW	20	T097	R09W					X		
A96058	BRUENING ROCK PROD INC	BROGHAMMER	SE	26	T099	R08W					X		
A96060	SKYLINE MATERIALS LTD	BURR OAK	SE	23	T100	R09W				4	4		
A96062	SKYLINE MATERIALS LTD	HOLT HAUS	SE	28	T098	R08W					X		
A96064	RIVER CITY STONE	STIKA	NW	15	T097	R10W	DWU	3i		4	4	1 - 4A	
A96066	BRUENING ROCK PROD INC	KROSHUS	SW	13	T100	R07W					X		
A96068	BRUENING ROCK PROD INC	HOLKESVIK	SW	01	T099	R08W							
A96070	WILTGEN CONST CO	KUHN	NW	33	T096	R08W							
A96072	BRUENING ROCK PROD INC	MCKENNA NORTH	SW	34	T100	R09W							
A96074	WILTGEN CONST CO	OSSIAN	SW	21	T096	R08W							
A96076	SKYLINE MATERIALS LTD	PRASKA	NE	19	T097	R10W							
A96078	BRUENING ROCK PROD INC	BUSTA	NW	30	T096	R10W							
A96082	WILTGEN CONST CO	CROW	SW	17	T097	R10W							
A96084	WILTGEN CONST CO	YOUNG	SE	28	T100	R08W							
A96086	BRUENING ROCK PROD INC	BRUVOLD	NE	29	T098	R07W							
A96090	BRUENING ROCK PROD INC	MCKENNA SOUTH	SE	28	T099	R09W	DWU	3iB		5	5	1 - 5	
A96092	SKYLINE MATERIALS LTD	HANSON	SE	26	T100	R08W							
A96094	SKYLINE MATERIALS LTD	CAROLAN	SE	27	T099	R09W							
A96100	WILTGEN CONST CO	YOUNG	NE	05	T098	R07W							
		SAND & GRAVEL											
A96502	SKYLINE MATERIALS LTD	DECORAH	NE	22	T098	R08W	2.63			4	4		
A96506	SKYLINE MATERIALS LTD	FREEPORT	NE	07	T098	R07W	2.65		X				
A96514	KNIFE RIVER MIDWEST LLC	ELSBERND	NE	16	T096	R09W				4	4		
A96520	SKYLINE MATERIALS LTD	SWEDES BOTTOM	NE	06	T098	R08W	2.66		X				
A96522	BRUENING ROCK PROD INC	WOHLSEORS	NW	17	T098	R10W	2.63		X				
A96526	RIVER CITY STONE	STIKA	NW	15	T098	R08W				4	4		

RECENTLY ACTIVE AGGREGATE SOURCES										BULK	DUR	FRICT		N
CODE	OPERATOR		SOURCE NAME	LOCATION			SSD	PCC	HMA		O	T	E	
							SpGr	CA	FA	A	B	BEDS		
96	WINNESHIEK	DIST 2	<u>SAND & GRAVEL (CONTINUED)</u>											
A96528	BRUENING ROCK PROD INC		GJETLEY	NE	08	TO98	R07W			4	4			
A96530	SKYLINE MATERIALS LTD		CARLSON-FREEPORT	NE	13	TO98	R08W	2.63	X					
A96532	WILTGEN CONST CO		SCHMITT	NE	34	TO96	R09W	2.66	X	3	3			
97	WOODBURY	DIST 3	<u>SAND & GRAVEL</u>											
A97502	HALLETT MATERIALS CO		CORRECTIONVILLE-BUCK	NW	13	TO89	R42W	DWU	X	3	3			
A97510	HALLETT MATERIALS CO		CORRECTIONVILLE-COCKBURN	SE	11	TO88	R43W			3	3			
A97514	PERSINGER S&G		SMITHLAND	NW	25	TO86	R44W			3	3			
A97516	HALLETT MATERIALS CO		ANTHON		05	TO87	R43W	DWU	X					
A97518	HALLETT MATERIALS CO		SMITHLAND		35	TO86	R44W	2.72	3	3	3			
A97520	HALLETT MATERIALS CO		CORRECTIONVILLE-BREESIE		01	TO88	R43W	2.67	X					
A97526	FLEWELLING S&G		FLEWELLING	NW	10	TO89	R44W	2.69	3	3	3			
A97528	HALLETT MATERIALS CO		EDWARD	SE	23	TO89	R42W	2.67	X	4	4			
A97530	NELSTAR		NELSTAR		14	TO88	R43W							
A97532	KNIFE RIVER MIDWEST LLC		CREASEY	SE	09	TO89	R44W	DWU	X					
98	WORTH	DIST 2	<u>CRUSHED STONE</u>											
A98002	MARTIN MARIETTA		HARRIS	SW	29	T100	R20W	DWU	3i	4	4	10		
								2.73	3B	4	4	6 - 7		
								2.72	3	4	4	6 - 11		
								2.72	2			2 - 11		
A98010	BMC AGGREGATES LC		FERTILE	SW	36	TO98	R22W	2.73	3B	4	4	2 - 10		
								DWU	2B			15 - 20		
								DWU	2B			15 - 29		
												5 - 10		
A98014	FALK CONST CO		STEVENS	NW	01	TO98	R20W	2.77	3	4	4	5 - 20		
												8 - 11B		
												1 - 3		
A98016	ULLAND BROS CONST		EMIL OLSON-BOLTON	SW	10	TO99	R20W	2.75	2	4	4	4 - 7		
									X	4	4	2 - 5A		
												3 - 7		
A98020	FALKSTONE		TRENHAILE	W2 NE	09	TO99	R20W	DWU	3	5		1 - 7		
								DWU	2			1		
												2A - 2B		
A98502	RANDALL TRANSIT MIX		RANDALL TRANSIT MIX	NW	31	T100	R20W	2.66	X	4	4			
A98504	BMC AGGREGATES LC		FERTILE	NW	36	TO98	R22W	2.65	X	3	3			
A98518	FALK CONST CO		COOPER	NE	12	TO98	R20W					4		
A98520	HEARTLAND ASPHALT		WADDINGTON	SW	26	TO98	R22W							
A98522	ULLAND BROS CONST		EMIL OLSON-BOLTON	SW	10	TO99	R20W							
A98524	FALKSTONE		TRENHAILE	W2 NE	09	TO99	R20W	DWU	X					

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS			O
						HMA A B					T
99	WRIGHT	DIST 2	CRUSHED STONE								
A99002	KNIFE RIVER MIDWEST LLC	VOSS	36 TO90 R26W	2.59	3i		4 4	8			
							5	3 - 7			
			SAND & GRAVEL								
A99502	WRIGHT MATERIALS	WRIGHT	NW 12 TO93 R24W	2.65	2		3 3				
A99510	MARTIN MARIETTA	MEINEKE	NE 14 TO90 R23W	2.63		X	4 4				
A99514	KNIFE RIVER MIDWEST LLC	VOSS	36 TO90 R26W	2.65		X					
A99516	GIESE CONST CO	MCALPINE	24 TO92 R24W								
A99518	KNIFE RIVER MIDWEST LLC	REICHTER	SE 06 TO92 R26W								
A99520	KNIFE RIVER MIDWEST LLC	DENNIS PETERSON	NE 15 TO90 R23W								
IL	ILLINOIS		CRUSHED STONE								
AIL002	CESSFORD CONST CO	BIGGSVILLE, HENDERSON CO	17 TO10 R04W				4 4				
AIL006	RIVERSTONE GROUP INC	MIDWAY (MC 45), ROCK ISLAND CO	SW 16 TO18 R02E	DWU	3iB		4 4	1 - 5			
AIL008	RIVERSTONE GROUP INC	MCMAHON (MC 08), WHITESIDE CO	NE 11 TO20 R02E								
AIL010	RIVERSTONE GROUP INC	ALLIED (MC 30), ROCK ISLAND CO	14 TO17 R02W	DWU	3i		4 4	18			
				2.69			5 5	7 - 13			
				DWU	3			14			
				2.72			4 4	16 - 17			
AIL012	MATERIAL SERVICES	OTTAWA-LIGHTWEIGHT					4 4				
AIL014	CESSFORD CONST CO	DALLAS CITY, HENDERSON CO	SW 36 TO08 R07W	DWU	3i		4 4	5A - 6	1		
							4	2 - 3			
							X X	8 - 10			
AIL016	RIVERSTONE GROUP INC	CLEVELAND (MC 31), HENRY CO	SW 31 TO17 R02E	DWU	3i		4 4				
AIL018	MEDUSA AGGREGATES	KANKAKEE, KANKAKEE CO	NW 07 TO30 R14W	DWU	2						
AIL020	GRAY QUARRIES/W L MILLER	HAMILTON, HANCOCK CO	NE 31 TO05 R08W	2.65	3		4 4	2	1		
				DWU	3		4 4	4			
				DWU	2			7			
AIL026	REIN SCHULTZ & DAHL	EMERSON	SE 13 TO21 R06E				4				
AIL028	WENDLING QUARRIES INC	TURNBAUGH-MT CARROLL, IL	SW 10 TO24 R04E	DWU	3		4 4	3 - 7			
AIL030	WENDLING QUARRIES INC	HUIZENGA	NW 21 TO21 R03E				4				
AIL032	GALENA STONE CO	EUSTICE, JO DAVIESS CO	NE 16 TO27 R02E								
AIL034	GALENA STONE CO	VIRTUE, JO DAVIESS CO	W2 24 TO28 R02W								
AIL038	COOTS MATERIALS CO INC	ROTH, JO DAVIESS CO	SW 35 TO29 R02W								
AIL040	COOTS MATERIALS CO INC	MONMOUTH, WARREN CO	NW 06 TO11 R02W								
AIL042	SAVANNA QUARRY INC	SAVANNA, CARROLL IL	SE 13 TO24 R03E								
			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					
AIL506	ILLINOIS-WISCONSIN S&G	SOUTH БЕЛОIT	NW 08 TO16 R02E				4 4				
AIL508	RIVERSTONE GROUP INC	BARSTOW (MC 52), ROCK IS CO	NE 34 TO18 R01E				4 4				
AIL510	NELSON S&G CO	WHITESIDE COUNTY-SAND	SW 29 TO21 R07E				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 CO	S2 05 TO20 R02E	DWU	3iB						
				DWU		X					
KS	KANSAS		CRUSHED STONE								
AKS002	BINGHAM S&G	BAXTER SPRINGS, CHEROKEE CO	22 TO29 R23E				3 3				

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES							BULK	DUR	FRICT		N	
CODE	OPERATOR	SOURCE NAME	LOCATION				SSD	PCC	HMA		O	
						SpGr	CA	FA	A	B	T	
											E	
										BEDS		
MN	MINNESOTA	<u>CRUSHED STONE</u>										
AMN002	HECTOR CONST CO	NEW ALBIN, HOUSTON CO	NW	09	T101	R04W			X	X	X	
AMN004	MILESTONE MATERIALS	POOL HILL, HOUSTON CO	SW	33	T101	R04W			X	X	X	
AMN006	KNIFE RIVER MIDWEST LLC	OTTERNESS, FILLMORE CO	E2	11	T101	R08W	2.75		3i	X	X	1 - 2
AMN008	NEW ULM QUARTZITE QUARRY	QUARTZITE, BROWN CO	SW	35	T110	R31W				2	2	
AMN012	KNIFE RIVER MIDWEST LLC	NEWBURG, FILLMORE CO	NE	08	T101	R08W			X	X	X	
AMN014	KNIFE RIVER MIDWEST LLC	BIG SPRINGS, FILLMORE CO	SW	09	T101	R10W					4	1 - 6
AMN016	KNIFE RIVER MIDWEST LLC	EITZEN, HOUSTON CO	SE	20	T101	R05W			X	X	X	
AMN018	ULLAND BROS	GRAND MEADOW, MOWER CO	NE	09	T103	R14W				X	X	
AMN020	ED BUNNE	LEROY, MOWER CO	NE	27	T101	R14W				X	X	
AMN022	KNIFE RIVER MIDWEST LLC	UNDERPASS	NE	20	T101	R07W						
AMN024	MARTIN MARIETTA	YELLOW MEDICINE, YLW MED CO	SW	28	T116	R39W	DWU		3i	2	2	1
AMN026	ORTONVILLE STONE CO	BIG STONE, BIG STONE CO		26	T121	R46W	DWU		3i	2	2	
AMN030	MILESTONE MATERIALS	GENGLER, HOUSTON CO	SW	16	T102	R05W	DWU		3B	4	4	1 - 2
AMN032	SIOUX ROCK PRODUCTS	COTTONWOOD, COTTONWOOD CO	SE	08	T107	R35W	DWU		3i	2	2	
AMN034	MILESTONE MATERIALS	ENGRAV, HOUSTON CO	NE	24	T101	R08W						
AMN036	MILESTONE MATERIALS	GOLDBERG, OLMSTEAD CO	SW	36	T108	R14W				4	4	
AMN038	MILESTONE MATERIALS	RIFLE HILL, FILLMORE CO	NW	35	T102	R12W						
AMN042	DUININCK BROS INC	SCOTT, ROCK CO	NW	14	T104	R45W	DWU		3i	2	2	
AMN044	MILESTONE MATERIALS	BIESANZ, WINONA CO	SW	19	T107	R07W	DWU		3i			1 - 2
AMN046	MILESTONE MATERIALS	43 QUARRY, WINONA CO	NW	16	T106	R07W	DWU		3i			1 - 2
		<u>SAND & GRAVEL</u>										
AMN504	BRUENING ROCK PROD INC	NEW ALBIN, HOUSTON CO		09	T101	R04W				4	4	
AMN506	HECTOR CONST CO	LUTCHENS, HOUSTON CO	NW	23	T101	R04W	2.63		2B	4	4	
							2.68		X			
AMN508	SOUTHERN MN CONST CO INC	HANSON, JACKSON CO	NE	34	T101	R34W				4	4	
AMN510	WILLETT	WILLETT, JACKSON CO	SW	25	T102	R35W				4	4	
AMN516	ULLAND BROS	OLSON, FREEBORN CO	NW	31	T102	R20W	DWU		X			
AMN518	KNIFE RIVER MIDWEST LLC	LANESBORO, FILLMORE CO	SE	07	T104	R10W	DWU		X			
AMN520	BUNNE & RANNELL	BUNNE & RANNELL, FILLMORE CO	SE	33	T101	R13W	DWU		X			
AMN522	AGGREGATE INDUSTRIES	PRAIRIE ISLAND #3, GOODHUE CO		23	T114	R15W	DWU		2			
AMN524	AGGREGATE INDUSTRIES	HASTING #2, DAKOTA CO		02	T114	R17W						
AMN526	NORTHWESTERN AGGR	LAKEVILLE, DAKOTA CO		01	T114	R20W						
AMN528	HANCOCK CONCRETE CO	POPE, POPE CO	NW	08	T125	R37W						
AMN532	ULLAND BROS	LARSON, FREEBORN CO		25	T102	R21W						
AMN534	KNIFE RIVER MIDWEST LLC	SMERUD, HOUSTON CO	SW	35	T101	R03W	DWU		X			
AMN536	AGGREGATE INDUSTRIES	ELK RIVER, SHERBURNE CO		9,10	T033	R26W	DWU		2			
							DWU		X			
AMN538	ULLAND BROS	SHADE, MOWER CO	NW	04	T101	R18W	DWU		X			
AMN540	DUININCK BROS INC	SCOTT, ROCK CO		21	T104	R44W						
AMN542	RANDY KRAMER EXCAVATING	KIMBALL, STEARNS CO		34	T122	R29W						
AMN544	AGGREGATE INDUSTRIES	LAKEVILLE, DAKOTA CO		06	T114	R19W	DWU		2			

RECENTLY ACTIVE AGGREGATE SOURCES											N		
CODE	OPERATOR	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR		FRICT		BEDS	O T E
								CA	FA	A	B		
MO	MISSOURI	<u>CRUSHED STONE</u>											
AMO002	L&W QUARRIES INC	KAHOKA, CLARK CO	NE	17	TO65	R07W	DWU	2		4	4	2A - 3B	
										4	4	14 - 16	
AMO004	NORRIS AGGREGATES CO	MERCER, MERCER CO	SE	22	TO66	R23W					5	3 - 5	
AMO006	GREENE LS CO	TURNER PROP, NODAWAY CO	SW	31	TO67	R34W					5		
AMO012	NORRIS AGGREGATES CO	DR JEFFERIES, HARRISON CO	NW	03	TO66	R26W				5	5	25C-25E	
AMO014	CARTER-WATERS CORP	EXPANDED SHALE, N. MARKET MO					DWU	2		3	3		
AMO018	NORRIS AGGREGATES CO	ROUTE C, DAVIESS CO	NE	30	TO61	R28W				5	5	2 - 5	
AMO022	IRON MT TRAP ROCK CO	IRON MT, ST FRANCOIS CO								3	3		
AMO024	CENTRAL STONE CO	HUNTINGTON, RALLS CO	NE	17	TO56	R06W	2.68	3i				6 - 9	
							2.68	3		4	4	6 - 11	
AMO026	MISSOURI PORTABLE STONE	WARRENTON, WARREN CO		15	TO46	R02W				3	3		
AMO027	ST JOE LEAD	PEA RIDGE MINE, WASH. CO								3	3		
AMO028	PLATTIN MATERIALS CO	PLATTIN, ST GENEVIEVE CO		09	TO39	R07W							
AMO030	KNOX COUNTY STONE CO	EDINA, KNOX CO	NE	25	TO62	R12W				4	4	1 - 9	
AMO032	SCHILDBERG CONST CO INC	GRAHAM, NODAWAY CO	NW	36	TO63	R37W				4	4	2 - 3	
AMO038	CENTRAL STONE CO	GREENSBURG, SCOTLAND CO		22	TO64	R12W							
AMO040	S&A CONSTRUCTION	SO ALLENDALE, WORTH CO	NW	SW	17	TO65	R30W						
AMO042	TRAGER	GALLATIN, DAVIESS CO		13	TO58	R28W							
AMO044	CENTRAL STONE CO	NEW LONDON, RALLS CO	NE	24	TO56	R05W							
AMO046	NORRIS AGGREGATES CO	BETHANY, HARRISON CO	SW	01	TO63	R28W					5		
AMO048	NORRIS AGGREGATES CO	BREIT, ANDREWS CO		28	TO59	R35W							
		<u>SAND & GRAVEL</u>											
AMO502	IDEAL SAND CO	WAYLAND, CLARK CO	SW	21	TO65	R06W				4	4		
							2.66		X				
AMO504	MEDUSA AGGREGATES	ALBANY, GENTRY CO		27	TO63	R31W				4	4		
AMO506	MILBURN CO	GALLITIN, DAVIESS CO	CT	16	TO59	R27W				4	4		
AMO510	TURNER QUARRIES	CLEARMONT, NODAWAY CO	SW	34	TO66	R37W				4	4		
AMO516	STONER SAND CO	MT MORIAH, HARRISON CO		12	TO64	R26W							
AMO518	CENTRAL STONE CO	TAYLOR, MARION CO	NW	01	TO59	R06W	2.65		X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION			BULK SSD SpGr	DUR		FRICT		BEDS	N O T E
							CA	FA	A	B		
NE	NEBRASKA	CRUSHED STONE										
ANE002	MARTIN MARIETTA	WEEPING WATER MINE, CASS CO	03	TO10	R11E	2.69 DWU	3iB		5	5	10A- 10B	
							3iB		5	5	9-10A&B1	
							2		5	5	9-10A&B2	
ANE010	FORT CALHOUN STONE CO	FT CALHOUN, WASHINGTON CO	SE	01	TO17	R12E			5	5	25C- 25E	
									5	5	25A- 25C	
									5		25F	
									5		26A- 26E	
									5		27A- 27B	
ANE012	MARTIN MARIETTA	SPRINGFIELD, SARPY CO	28	TO13	R12E							
		SAND & GRAVEL										
ANE538	STALP S&G	WEST POINT, CUMING CO	SE	28	TO22	R06E	2.64	X				
		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				
ANE526	WESTERN S&G	FREMONT, DODGE CO	NW	36	TO17	R08E	2.62	3	4	4		
							2.62	X				
ANE530	WESTERN S&G	SOUTH BEND, CASS CO	SW	13	TO12	R10E	2.62	3	4	4		
							2.62	X				
ANE532	WESTERN S&G	ABEL SPUR, SAUNDERS CO	SW	30	TO13	R09E	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		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						

NOTE 1: IF BED 9 IS INCORPORATED WITH BEDS 10A&B, THE DURABILITY CLASS BECOMES A CLASS 3iB IF THE COARSE AGGREGATE DOES NOT EXCEED 45% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX.

NOTE 2: BED 9 CAN'T BE USED BY ITSELF IN PC CONCRETE. IF BED 9 IS INCORPORATED WITH BEDS 10A&B, THE DURABILITY BECOMES A CLASS 2.

RECENTLY ACTIVE AGGREGATE SOURCES											N
CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA A B	BEDS				O
											T
											E
SD	SOUTH DAKOTA	CRUSHED STONE									
ASD002	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	EVERIST INC	DELL RAPIDS W. MINNEHAHA CO	NW 16	T104	R49W	2.64	3iB	2	2		
		SAND & GRAVEL									
ASD502	BOYER SAND AND GRAVEL	BOYER, UNION CO	10	TO95	R48W	DWU	2	4	4		
ASD504	MIDWEST PAVING CO	HAWARDEN, UNION CO	SW 15	TO95	R48W			4	4		
ASD506	MIDWEST PAVING CO	RICHLAND, UNION CO	SW 20	TO92	R49W			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						
ASD514	HIGMAN S&G	HUDSON, UNION CO	02	TO95	R48W	DWU	2	4	4		
ASD516	HIGMAN S&G	VOLIN, CLAY CO	12	TO94	R54W						
ASD518	MYRL & ROY'S PAVING INC	MCVAY, LINCOLN CO	SE 17	TO98	R45W						
ASD520	BOYER SAND AND GRAVEL	BOYER NORTH, UNION CO	NE 01	TO95	R48W						
ASD522	EVERIST INC	BROOKINGS, BROOKINGS CO	S2 31	T110	R49W	DWU	X				
ASD524	HIGMAN S&G	SPINK, UNION CO	05	TO93	R50W						
ASD526	CONCRETE MATERIALS CO	CORSON, MINNEHAHA CO	23,24	T102	R48W	DWU DWU	2 X				
WI	WISCONSIN	CRUSHED STONE									
AWI002	BRYAN DRESSER TRAP ROCK	DRESSER-TRAPROCK						3	3		
AWI004	MARTIN MARIETTA	CNWRR-ROCK SPRINGS						2	2		
AWI006	KIELER KOWALSKI	TENNYSON, GRANT CO				DWU	3i	4	4		
AWI008	QUALITY STONE INC	WETZEL, CRAWFORD CO	NE 31	TO07	R06W	DWU	3i	4	4	7	
AWI010	ED KRAEMER & SONS INC	RICHARDS, GRANT CO	SW 21	TO01	R02W	DWU	3i	4	4		
AWI012	SCARPELLI MATERIALS	WATERLOO QTZ, DODGE CO	27,28,33,34	TO08	R13E			2	2		
AWI018	RIVER CITY STONE	FREESE, GRANT CO	NW 28	TO01	R02W						
AWI020	MILESTONE MATERIALS	MEDARY, LA CROSSE CO	NW 27	TO16	R07W			4	4		
AWI022	MILESTONE MATERIALS	KINGS BLUFF, LA CROSSE CO	NE 25	TO18	R08W	DWU DWU	3 2	4	4	1 - 4 1 - 5	1
AWI030	HAVERLAND STONE CO	HAVERLAND, GRANT CO	NW 26	TO02	R02W						
AWI034	ED KRAEMER & SONS INC	HOUSEHOLDER, RICHLAND CO									
AWI036	MILESTONE MATERIALS	TORK, WOOD CO.									
AWI038	ROCKY MTN ENTERPRISES	ATHEN, MARATHON CO	SE 24	TO30	R04E		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	
AWI046	COUNTY MATERIALS	HAHN, VERNON CO	13	TO13	R06W						
		SAND & GRAVEL									
AWI502	PRAIRIE S&G CO	PRAIRIE DU CHIEN, CRAWFORD CO	24	TO07	R07W	2.67 2.67	3i X	4	4		
AWI504	HORSFIELD MATERIALS INC	VOGT FARM, GRANT CO	17	TO90	R03E	2.67 2.67	3i X	3	3		
AWI506	PRAIRIE S&G CO	KRAMER, CRAWFORD CO	NE 12	TO07	R07W	DWU	X	3	3		
AWI508	PRAIRIE S&G CO	BARN	SE 12	TO07	R07W	2.68 2.68	X X				
AWI510	RIVER CITY STONE	KRUG, GRANT CO	SW 17	TO01	R02W	DWU	X				
AWI512	MILESTONE MATERIALS	GIBBS	NE 25	TO25	R09W						
AWI514	HOLST EXCAVATING	REDWING #7	NE 33	TO25	R18W						
AWI516	MILESTONE MATERIALS	SCHEER, TREMPALAU CO	19	TO18	R08W	DWU	X				

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

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 7-9 10-13	D D A, B, D, E
A42002	MARTIN MARIETTA	ALDEN	NW 20 TO89 R21W	3	A, B, D, E
A42004	GEHRKE QUARRIES INC	GIFFORD	NW 04 TO86 R19W	9-10	A, B, E
A50002	MARTIN MARIETTA	SULLY	SE 16 TO79 R17W	36-41 42-47	D, E D, E
A64002	MARTIN MARIETTA	FERGUSON	SW 05 TO82 R17W	8-17 1-7	E D, E
A79002	MARTIN MARIETTA	MALCOM MINE	SE 04 TO80 R15W	10C-13	A, B, D, E
A85006	MARTIN MARIETTA	AMES MINE	SW 24 TO84 R24W	26 30-35 47	E E A, B, D, E
A86002	WENDLING QUARRIES INC	MONTOUR	NW 09 TO83 R06W	8-12	A, B, D, E
A94002	MARTIN MARIETTA	FORT DODGE MINE	SW 24 TO89 R29W	36-42	A, B, 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
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 17-23	A, B, D, E A, B, D, E
A07014	NIEMANN CONST CO	GLORY	NE 36 TO87 R11W	1-TOP 5' OF BED 4	D
A07018	BMC AGGREGATES LC	RAYMOND-PESKE	SW 01 TO88 R12W	1B-5 1B-10 6-10	A, B, D, E A, B, D, E A, B, D, E
A09004	NIEMANN CONST CO	DENVER-FOELSKE	NE 29 TO91 R13W	BOTTOM 8' BED 12-TOP 9' BED 13	A, B, D, E
A09006	NIEMANN CONST CO	TRIPOLI-PLATTE	SW 36 TO93 R13W	1-4	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	KNIFE RIVER MIDWEST LLC	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
A22048	KNIFE RIVER MIDWEST LLC	TUCKER	SW 18 TO91 R05W	1-3	D
A22060	CROELL REDI MIX	JOHNSON	NW 26 TO93 R04W	2-5	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVETMENT CLASS
<u>DISTRICT 2 (Continued)</u>					
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
A41004	BMC AGGREGATES LC	GARNER SOUTH-WIELAND	NW 13 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
A98002	MARTIN MARIETTA	HARRIS	SW 29 T100	R20W 6-11	A, B, D, E
A98016	ULLAND BROS	EMIL OLSON-BOLTON	SW 10 TO99	R20W 2-5B	A, B, D, E
A98010	BMC AGGREGATES LC	FERTILE	SW 36 TO98	R22W 15-20	A, B, D, E
A99002	KNIFE RIVER MIDWEST LLC	VOSS	36 TO90	R26W 8	A, B, D, E

REVTMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVTMENT CLASS
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DISTRICT 2 (Continued)

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	SIOUX ROCK PRODUCTS	COTTONWOOD, COTTONWOOD CO	SE 08 T107 R35W	ENTIRE LEDGE*	A, B, D, E
ASD002	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	B, D, E
A01006	SCHILDBERG CONST CO INC	HOWE	SW 01 TO76 R31W	25B-25E	D
A01008	SCHILDBERG CONST CO INC	JEFFERSON	NE 17 TO77 R31W	25B-25E	D
A02002	SCHILDBERG CONST CO INC	MT ETNA	SW 23 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
A36002	SCHILDBERG CONST CO INC	THURMAN	NW 23 TO70 R43W	18	D
A43002	SCHILDBERG CONST CO INC	LOGAN	19 TO79 R42W	25B-25E & 3' OF 26	B, D, E
A61002	SCHILDBERG CONST CO INC	EARLY CHAPEL-DAGGETT	NW 10 TO76 R29W	14B	B, D, 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
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	35 TO76 R24W	25B-25E	D, E
A78006	SCHILDBERG CONST CO INC	MACEDONIA	NE 28 TO74 R40W	16	D
A87004	SCHILDBERG CONST CO INC	102 QUARRY	NE 32 TO68 R34W	1	D
A88002	SCHILDBERG CONST CO INC	THAYER	NE 35 TO72 R28W	20B 25B-25E	D B, E
AMO040	S&A CONSTRUCTION	SOUTH ALLENDALE, WORTH CO	SW 17 TO65 R30W	CAPTAIN CREEK	B, D, E
ANE002	MARTIN MARIETTA	WEeping WATER, CASS CO	03 TO10 R11E	10A-10B 9-10B	E E
ANE010	FORT CALHOUN STONE	FORT CALHOUN, WASHINGTON CO	SE 01 TO17 R12E	25B-25E	D, E

		REVETMENT STONE SOURCE APPROVAL							
CODE	OPERATOR	SOURCE NAME	LOCATION			BEDS	REVETMENT CLASS		
DISTRICT 5									
A04004	L&W QUARRIES	MARTIN #3	E2	20	TO70	R19W	1-3 6	D D, E	
A04016	L&W QUARRIES	LEMLEY EAST #5	CT	35	TO70	R19W	1-3 6	D A, B, D, E	
A04018	L&W QUARRIES	CLARKDALE #8	SE	15	TO69	R18W	1A 1C 4	D, E A, B, D, E D	
A20002	SCHILDBERG CONST CO INC	OSCEOLA	NW	12	TO72	R26W	1-10 20A	D D	
A26004	DOUDS STONE INC	LEWIS	W2	02	TO69	R12W	3-5 6-7 3-7	D D, E D, E	
A26006	DOUDS STONE INC	BROWN	SW	NW	02	TO69	R12W	1 3-7	D, E D, E
A27002	SCHILDBERG CONST CO INC	GRAND RIVER	NW	22	TO70	R27W	17	D	
A27008	SCHILDBERG CONST CO INC	DECATUR	SE	32	TO69	R27W	7 13-14	D D	
A29002	L&W QUARRIES	MEDIAPOLIS	SE	01	TO71	R04W	3-7 15-18	A, B, D, E A, B, D, E	
A29008	CESSFORD CONST CO	NELSON	NE	26	TO72	R02W	7-14 7-20 15-20 15-24 21-24 25-27	A, B, D, E A, B, D, E D D A, B, D, E D	
A29012	CESSFORD CONST CO	GEODE	NE	01	TO69	R05W	1-5 9-13 REEF	D, E D, E E	
A44008	DOUDS STONE INC	NELSON-TWEEDY	SE	36	TO71	R06W	9-14 13-14	D, E D, E	
A51006	WINN CORP	JEFFERSON	NE	09	TO71	R10W	5-8 LOWER 4' OF BED 8 10-12	A, B, D, E A, B, D, E A, B, D, E	
A54002	DOUDS STONE INC	KESWICK	NW	21	TO77	R12W	13-15 13-17	A, B, D, E D	
A54004	DOUDS STONE INC	OLLIE	SW	01	TO74	R11W	9-12 9-13 9-18 13-18 19-26 27-29 30-33	A, B, D, E D A, B, D, E A, B, D, E D A, B, D, E D	
A54008	DOUDS STONE INC	HARPER	SE	11	TO76	R11W	13-22 32-37 38-40	A, B, D, E A, B, D, E A, B, D, E	
A54010	DOUDS STONE INC	LYLE	NW	13	TO74	R13W	36-38 40	A, B, D, E A, B, D, E	
A56002	CESSFORD CONST CO	HAWKEYE	NE	10	TO68	R06W	1-21 22-27	D A, B, D, E	
A56008	CESSFORD CONST CO	DONNELLSON	SE	05	TO67	R06W	10-13	A, B, D, E	
A62008	MARTIN MARIETTA	GIVEN #2	SE	14	TO74	R16W	2-6	D	
A63002	MARTIN MARIETTA	DURHAM MINE	NE	08	TO75	R18W	88-95 95-96	D, E D, E	
A63010	BRUENING ROCK PROD INC	S&S	SE	25	TO75	R20W	25	A, B, D, E	

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
<u>DISTRICT 5 (Continued)</u>								
A89002	DOUDS STONE INC	DOUDS MINE	SE	25	T070	R11W	5-13	D, E
A89006	CESSFORD CONST CO	FARMINGTON-COMANCHE	NE	05	T067	R08W	5-12	D
							14-15	D
							16-17	A, B, D, E
							18-23	D
A89008	DOUDS STONE INC	SELMA-GARDNER	NW	16	T070	R11W	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	T076	R08W	15-16	D, E
A92008	RIVER PRODUCTS CO	PEPPER-KEOTA FIELD	SW	31	T076	R09W	2-20	D
							22-28	D
							29-36	D
AIL014	CESSFORD CONST CO	DALLAS CITY, HENDERSON CO	SW	36	T008	R07W	5-6	A, B, D, E
AIL020	GRAY QUARRY INC	GRAY, HANCOCK CO	NE	31	T005	R08W	2	A, B, D, E
AMO002	L&W QUARRIES	KAHOKA, CLARK CO	NE	17	T065	R07W	2A-3B	A, B, D, E
AMO012	NORRIS AGGREGATES CO	JEFFERIES, HARRISON CO	NW	03	T066	R26W	25C-25D	D, E
AMO024	CENTRAL STONE	HUNTINGTON, RALLS CO	NE	17	T056	R06W	6-11	A, B, D, E
<u>DISTRICT 6</u>								
A06006	WENDLING QUARRIES INC	GARRISON B	NE	33	T085	R11W	6-TOP 2' OF BED 27	A, B, D, E
							6-36	EROSION
A06012	COOTS MATERIALS CO INC	JABENS	SW	07	T085	R11W	6-11, 12	A, B, D, E
							20-23	A, B, D, E
A06014	WENDLING QUARRIES INC	VINTON-MILROY	S2	10	T085	R10W	1-7	D
A06016	COOTS MATERIALS CO INC	COOTS	SW	36	T086	R11W	2A ON DOWN	D
A10002	NIEMANN CONST CO	LAMONT-WESTON	NW	14	T090	R07W	1-6	A, B, D, E
A10004	NIEMANN CONST CO	JESUP-BLOOM	SW	32	T089	R10W	2-5	A, B, E
							2-8	D
A10008	BRUENING ROCK PROD INC	OELWEIN-MISHLER	NW	02	T090	R09W	4-5	A, B, D, E
A10010	NIEMANN CONST CO	HAZELTON	NW	11	T090	R09W	4A-4D	A, B, D, E
A10016	NIEMANN CONST CO	OELWEIN #2	SE	03	T090	R09W	13-17	A, B, D, E
A10022	BRUENING ROCK PROD INC	BROOKS	NW	02	T088	R09W	4-5	EROSION
A10024	NIEMANN CONST CO	RASMUSSEN #2	SE	21	T088	R08W	1-6 + QUARRY FLR	D
A10030	NIEMANN CONST CO	AURORA-SOUTH	NW	19	T090	R07W	1-3	A, B, D, E
A16004	WENDLING QUARRIES INC	LOWDEN-SCHNECKLOTH	NW	04	T081	R01W	1-4	A, B, D, E
A16006	WENDLING QUARRIES INC	STONEMILL	SE	14	T080	R03W	4A-4D	A, B, D, E
A16010	WENDLING QUARRIES INC	PEDEN	NE	10	T079	R03W	1-3	D, EROSION
A16012	WEBER STONE CO	ONION GROVE	SE	14	T082	R02W	1-7	A, B, D, E
A16014	WENDLING QUARRIES INC	TOWNSEND	NW	02	T079	R02W	2-10	A, B, D, E
A16022	WENDLING QUARRIES INC	TRICON	N2	09	T082	R04W	1	A, B, D, E
A23002	WENDLING QUARRIES INC	BLOORE-ELWOOD	NW	08	T083	R02E	1-2	A, B, D, E
A23004	WENDLING QUARRIES INC	BEHR	SW	02	T081	R03E	1-2	A, B, D, E
A23006	WENDLING QUARRIES INC	SHAFFTON	NE	11	T080	R05E	16-20	A, B, D, E
							3-14	D, EROSION
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW	22	T083	R05E	2-4	E
A23012	WENDLING QUARRIES INC	TEEDS GROVE	SW	03	T083	R06E	2-4	A, B, D, E
A23016	WENDLING QUARRIES INC	LYONS	NW	18	T082	R07E	UPPER OR LOWER	E
							LEDGE	
A28008	KUHLMAN CONST	EDGEWOOD WEST	CT	04	T090	R05W	2-7	A, B, D, E
A28010	KUHLMAN CONST	TIBBOTT	SW	23	T090	R04W	1-5	A, B, D, E
A28014	KUHLMAN CONST	LOGAN	SW	10	T088	R05W	2-8	A, B, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVETMENT CLASS
<u>DISTRICT 6 (Continued)</u>					
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 2-6	A, B, D, E E
A28040	BARD CONCRETE	KRAPFL	SE 23 TO89 R03W	1-5 4	A, B, D E
A28052	RIVER CITY STONE	MANCHESTER	SW 09 TO88 R05W	6-8	A, B, E 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	SE 32 TO89 R02W	4-12	A, B, D, E
A31008	RIVER CITY STONE	KLEIN-RICHARDSVILLE	NW 33 TO90 R01E	2-4B 3A-4B	A, B, D E
A31010	RIVER CITY STONE	BROWN	NW 33 TO89 R02E	FULL FACE 3-9	D 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 1-3	A, B, D 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 3	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 2-10 5-9	A B, D E
A31050	RIVER CITY STONE	PLOESSEL-DYERSVILLE	N2 07 TO88 R02W	2-5 3-5	A, B, D 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 FULL FACE	A, B, E 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 2-5	A, B, D 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 2-4	A, B, D 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 7-10	D, E 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
A49024	WENDLING QUARRIES INC	MAQUOKETA EAST	SW 07 TO84 R03E	1-8	A, B, D, E

REVETMENT STONE
 SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVETMENT CLASS
DISTRICT 6 (Continued)					
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-BEHREND'S	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	A, B, D, E
A82006	RIVERSTONE GROUP INC	LECLAIRE	NW 35 TO79	R05E 2-32	A, B, D, E
AIL006	RIVERSTONE GROUP INC	MIDWAY (MC 45), ROCK IS CO	SW 16 TO18	R02E 0-160'	A, B, D, E
AIL010	RIVERSTONE GROUP INC	ALLIED (MC 30), ROCK ISLAND CO	14 TO17	R02W 16'-173'	A, B, D, E
AIL016	RIVERSTONE GROUP INC	CLEVELAND (MC 31), HENRY CO	SW 31 TO17	R02E 10'-215'	A, B, D, E

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
A			
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 12 TH STREET	DUBUQUE, IA 52001	563-583-6642
AGGREGATES INC	6101 BLAIRS FERRY ROAD NE	CEDAR RAPIDS, IA 52411	319-395-0050
ANDERSON SAND & GRAVEL CO	2578 270 TH 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 325 TH 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 290 TH 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 10 TH 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	POB 54	GIFFORD, IA 50259	641-858-3637
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 13 TH STREET	WEST DES MOINES, IA 50265	515-223-8010
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

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 8 TH AVENUE, POB 488	WASHINGTON, IA 52353	319-653-3334
DOUDS STONE INC	13133 ANGLE RD SUITE B-POB 187	OTTUMWA, IA 52501	641-683-1671 641-683-1673 (FAX)
DUIINICK BROS INC	408 6 TH ST-POB 208	PRINSBURG, MN 56281	320-978-6011
F			
FALK L R- CONSTRUCTION CO	227 W 4 TH STREET-POB 189	ST ANSGAR, IA 50472-0189	641-713-4569
FALKSTONE LLC	227 W 4 TH 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 7 TH 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)
GRAY QUARRIES INC	POB 386	HAMILTON, IL 62341	217-847-2712
GREENE LIMESTONE CO	1211 SOUTH MAIN ST-POB 687	CHARLES CITY, IA 50616	641-228-4255 641-228-4061 (Shop)
H			
HAHN READY MIX	POB 1107	MUSCATINE, IA 52761	563-263-6467
HALLETT MATERIALS CO	5550 NE 22 ND 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 147 TH 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
IRON MOUNTAIN TRAPROCK CO	POB 9137	IRON MOUNTAIN, MO 63650	573-734-6106

APPROVED PRODUCERS
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PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
K			
KNIFE RIVER MIDWEST LLC	P.O BOX 48	DECORAH, IA 52101	563-382-4249 563-382-9225 (FAX)
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 L&W QUARRIES INC	426 2 ND AVENUE NE POB 335	LE MARS, IA 51031 CENTERVILLE, IA 52544	712-546-5359 641-437-4830 641-437-4837 (FAX)
LA HARV CONST CO INC LESSARD CONTRACTING INC LINWOOD MINING & MINERALS CORP	POB 267 POB 705 5401 VICTORIA AVE, SUITE 110	FOREST CITY, IA 50436 SERGEANT BLUFF, IA 51054 DAVENPORT, IA 52807	641-581-3643 712-252-4131 563-359-8251 800-798-8251 (T-F) 563-344-3730 (FAX)
LOUNSBURY LANDSCAPING LUNDELL CONSTRUCTION CO., INC LYMAN-RICHEY SAND & GRAVEL	6000 RACCOON RIVER DR 1420 EAST RICHLAND 4315 CUMING STREET	WEST DES MOINES, IA 50266 STORM LAKE, IA 50588 OMAHA, NE 68131	515-225-7100 712-732-4059 402-558-2727
M			
MALLARD SAND & GRAVEL MANATT'S INC	POB 638 1755 OLD 6 ROAD-POB 535	VALLEY, NE 68064 BROOKLYN, IA 52211	402-359-5287 641-522-9206 641-522-9407 (FAX) 641-522-5594 (FAX)
MANATT'S SAND & GRAVEL MARENGO READY MIX INC MARTIN MARIETTA AGGREGATES	1928 340 TH STREET-POB 87 POB 121 11252 AURORA AVENUE	TAMA, IA 52339 MARENGO, IA 52301-0121 DES MOINES, IA 50322	641-484-4022 319-642-3811 515-254-0030 800-332-5433 (T-F) 515-254-0035 (FAX)
MARTIN MARETTA AGGREGATES MATX INC MCALISTER AGGREGATES LLC	POB 629 110 CLUBRIDGE PLACE 1924 HWY 141- POB 157	VALLEY, NE 68064 COLORADO SPRINGS, CO 80906 BAYARD, IA 50029	402-359-4088 800-642-6653 712-651-2018 (FAX)
MIELKE'S QUARRY MILESTONE MATERIALS	13303 SPOOK CAVE RD 920 10 TH AVE NORTH-POB 189	MCGREGOR, IA 52157 ONALASKA, WI 54650	563-539-4227 608-783-6411 608-783-4311 (FAX)
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 3 RD 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 MATERIALS	16 NORTH TAFT-POB 632	FORT DODGE, IA 50501	515-573-8921
NORTHWEST R/M CONCRETE INC	6340 180 TH 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 150 TH 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	2431 ST. CHARLES ROAD	WINTERSET, IA 50273	515-462-4801
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
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 17 TH AVENUE SOUTH	CLINTON, IA 52732	563-242-3524
R			
RANDALL TRANSIT MIX CO	1343 HWY 105-POB 153	NORTHWOOD, IA 50459-0153	641-324-1063
RECYCLED AGGREGATE PROD CO	2131 18 TH STREET	SIOUX CITY, IA 51105	712-252-7732
REDINGS GRAVEL & EXCAVATING CO	2001 EAST OAK STREET	ALGONA, IA 50511	515-295-3661
REILLY CONSTRUCTION CO	110 MAIN STREET-POB 99	OSSIAN, IA 52161	563-532-9211
			563-532-9759 (FAX)
RIEHM CONSTRUCTION CO INC	2340 9 TH 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 5 TH 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
ROCK VALLEY GRAVEL CO	1315 17 TH AVENUE-POB 9	ROCK VALLEY, IA 51247	712-476-2063
ROCKY MOUNTAIN ENTERPRISES	6515 COUNTY HIGHWAY H	ATHENS, WI 54411	715-257-1440
			715-257-1140 (FAX)

APPROVED PRODUCERS
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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
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 240 TH STREET	FORT MADISON, IA 52625	319-372-1804
SIEH SAND & GRAVEL	101 WEST 18 TH 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 430 TH AVENUE	SPENCER, SD 57374	605-246-2344
STENSLAND GRAVEL CO	1741 ASHLEY AVE	LARCHWOOD, IA 51241	712-477-2280
STERZINGER CRUSHING INC	3273 290 TH AVE	TAUNTON, MN 56291	
STONER SAND	RR 2	RIDGEWAY, MO 64481	660-824-4211
STRONG ROCK & GRAVEL	721 SOUTH FRONT ST	LANSING, IA 52151	563-538-4603
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
TRISTAR QUARRIES	11278 474 TH ST	PLANO, IA 52581	
TUBE CITY IMS CORP	1500 WEST 3 RD STREET	WILTON, IA 52778	563-732-4010
U			
ULLAND BROTHERS INC	2400 MYERS ROAD	ALBERT LEE, MN 56007	507-373-1960 507-433-1819
W			
WAYNE T HANSEN CORP	13 COUNTRY ESTATES	ALGONA, IA 50511	515-295-5573
WEATHERTON CONTRACTING	307 N 16 TH 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 290 TH 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 150 TH STREET	RANDALIA, IA 52164	563-428-4444