



GENERAL AGGREGATE SOURCE INFORMATION

GENERAL

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

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

PORTLAND CEMENT CONCRETE AGGREGATES

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

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

DURABILITY CLASSIFICATION

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

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

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

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

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

HOT MIX ASPHALT AGGREGATES

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

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

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

Type 2: Natural aggregates in this class are crushed quartzite and both fine and coarse-grained crushed igneous rocks. The mineral grains in these materials generally have a Mohs hardness range of 5 to 7. Synthetic aggregates in this class are some air-cooled steel furnace slags and others with similar characteristics. For all L2 asphalt mixtures, pipestone and sandstone in quartzite may not exceed 1 percent. For all other asphalt mixtures, pipestone and sandstone in quartzite may not exceed 5 percent.

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

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

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

SOURCE LISTINGS - Explanation

NOTE: - number indicates additional source restrictions (bottom of page)
L=limestone (<15% MgO) and D=dolomite (≥15% MgO), defines rock type for L2 surface mix designs.

Bed numbers shown for PCC aggregate are those on the formal source approval letter. Beds shown for HMA sources are those which have been used or have potential for use and are of the designated friction type.

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

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

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

Specific Gravity
DWU-Determine When Used by Iowa DOT

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

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA A	B		
O1	ADAIR DIST 4	CRUSHED STONE							
A01002	SCHILDBERG CONST CO INC	MENLO	NW 21 TO77 R31W				5 5	15A-15C	L
A01008	SCHILDBERG CONST CO INC	JEFFERSON	NE 17 TO77 R31W				4 5 5	14 20 25	
O2	ADAMS DIST 4	CRUSHED STONE							
A02002	SCHILDBERG CONST CO INC	MT ETNA	SW 14 TO73 R34W				4	11 - 13	
A02004	SCHILDBERG CONST CO INC	CORNING	NE 09 TO71 R34W				4	3 - 5	
O3	ALLAMAKEE DIST 2	CRUSHED STONE							
A03002	BRUENING ROCK PROD INC	WEXFORD	NE 36 TO98 R03W	2.70	3i		4 4	1C - 6	D
A03008	BRUENING ROCK PROD INC	MCCABE	NE 06 TO97 R05W				4 4	1 - 8	D
A03010	SKYLINE MATERIALS LTD	RUDE	SE 17 T100 R06W				4	1 - 6	
A03014	BRUENING ROCK PROD INC	HAMMELL-BOONIES	SW 02 TO99 R06W	DWU	3i		4 4	2 - 4C	D
A03022	SKYLINE MATERIALS LTD	LIVINGOOD	SW 07 TO96 R06W				4 4	4 - 7	L
A03026	BRUENING ROCK PROD INC	BYRNES	SE 25 TO99 R06W				4	2 - 7	
A03036	BRUENING ROCK PROD INC	SWENSON	SE 19 TO96 R05W						
A03038	RIEHM CONST CO INC	RIEHM	SE 07 T100 R04W	DWU	3i		4 4	1 - 4	D
A03040	BRUENING ROCK PROD INC	DEE	SE 21 TO99 R04W	DWU	3i		4 4	5A - 5D	D
A03042	NIEMANN CONST CO	CHURCHTOWN	SW 29 TO99 R04W				4	1 - 3	
A03048	BRUENING ROCK PROD INC	POSTVILLE	SW 16 TO96 R06W	2.61	3		4 4	3	D
A03050	BRUENING ROCK PROD INC	GREEN	NW 16 TO96 R06W	2.63	3		4 4	6 - 8	L
A03052	BRUENING ROCK PROD INC	ROSSVILLE	NE 35 TO97 R05W				4 4	2 - 5	
A03054	BRUENING ROCK PROD INC	WEST RIDGE	NE 08 TO98 R06W				4 4	2 - 3A	L
A03058	BRUENING ROCK PROD INC	ELON	SW 33 TO98 R04W					1 - 5	L
A03064	RAINBOW QUARRY LLC	RAINBOW	SE 26 TO97 R05W						
A03066	WILTGEN CONST CO	ELSBERND	NW 29 TO97 R06W	DWU	3		4 4	2	L
A03068	WILTGEN CONST CO	JEFFERSON	SW 30 TO97 R05W						
A03070	WILTGEN CONST CO	BULMAN	NW 31 T100 R05W						
A03072	STRONG ROCK & GRAVEL	STRONG	SE 24 TO99 R04W				4 4	1 - 8	D
A03074	RON WEYMILLER	WW	NE 12 T100 R05W						
A03502	SKYLINE MATERIALS LTD	SAND & GRAVEL HARPERS FERRY	SW 07 TO97 R02W	2.67 2.67	3iB		3 3		
A03506	BRUENING ROCK PROD INC	HAMMELL-BOONIES	SW 02 TO99 R06W		X H		4 4		
A03512	KNIFE RIVER MIDWEST LLC	ZEZULKA	NE 11 T100 R04W				3 3		
A03518	BRUENING ROCK PROD INC	IVERSON	NW 09 TO99 R06W	2.66	X H				
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	L, 1
A04018	L&W QUARRIES INC	CLARKDALE #8	SE 15 TO69 R18W				5 5	6	L
A04020	CANTERA AGGREGATES	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	3i	X	3 3		

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

RECENTLY ACTIVE AGGREGATE SOURCES

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E
						A	B		
10	BUCHANAN DIST 6	CRUSHED STONE							
A10002	NIEMANN CONST CO	WESTON-LAMONT	NW 14 TO90 R07W	2.61	3iB	4	4	1 - 6	D
A10004	NIEMANN CONST CO	BLOOM-JESUP	SW 32 TO89 R10W	2.63	3	4	4	1 - 7	D
A10008	BRUENING ROCK PROD INC	OELWEIN	NW 02 TO90 R09W	2.65	3i	4	4	2 - 5	L
A10010	NIEMANN CONST CO	HAZELTON	NW 11 TO90 R09W	2.60	3iB	4	4	1 - 7	L
A10012	NIEMANN CONST CO	INDEPENDENCE	NW 14 TO88 R09W			4	4	4 - 5	D
A10014	NIEMANN CONST CO	OELWEIN #1	SW 02 TO90 R09W			4	4	4 - 6	D
A10016	NIEMANN CONST CO	OELWEIN #2	SE 03 TO90 R09W	DWU	3i	5	5	1 - 12	L
A10022	BRUENING ROCK PROD INC	BROOKS	NW 02 TO88 R09W	2.60	3i	4	4	13 - 16	D
A10024	NIEMANN CONST CO	RASMUSSEN #2	SE 21 TO88 R08W			4	4	7	L
A10026	NIEMANN CONST CO	BRANDON	SE 27 TO87 R10W			5	5	1 - 6	
A10028	NIEMANN CONST CO	HERTZBERGER	NE 36 TO87 R10W			5	5		
A10030	NIEMANN CONST CO	SOUTH AURORA	NW 19 TO90 R07W	2.62	3iB	4	4	1 - 3	D
A10032	NIEMANN CONST CO	SELLS	NW 25 TO88 R09W			5	5		
A10040	ZUPKE SAND & GRAVEL	ZUPKE-OELWEIN	NE 04 TO90 R09W						
A10042	BRUENING ROCK PROD INC	BRANDON I-380 SAND & GRAVEL	E2 23 TO87 R10W						
A10504	NIEMANN CONST CO	WARD	NE 14 TO90 R07W	2.65	X	4	4		
A10506	MANATT'S INC	GREENLEY	SE 29 TO89 R09W	2.64	X	4	4		
A10510	NIEMANN CONST CO	HUFFMAN	SE 02 TO89 R08W	2.65	X	4	4		
A10514	NIEMANN CONST CO	HOLLERMAN	SE 26 TO90 R07W		H	4	4		
A10516	NIEMANN CONST CO	MILLER	NW 14 TO88 R09W	2.65	X				
A10518	MANATT'S INC	YEAROUS	SE 19 TO89 R09W	2.65	X				
A10520	BRUENING ROCK PROD INC	BROOKS	SW 02 TO88 R09W	DWU	X				
11	BUENA VISTA DIST 3	SAND & GRAVEL							
A11512	BUENA VISTA COUNTY	MARATHON	SE 19 TO93 R35W		H	4	4		
A11514	LUNDELL CONST	STORM LAKE	SW 18 TO90 R36W		H	4	4		
A11516	HALLETT MATERIALS CO	SIoux RAPIDS	W2 12 TO93 R37W		H	3	3		
A11518	KNIFE RIVER MIDWEST LLC	MOLGAARD	NW 03 TO93 R38W		H				
A11520	WETHERELL SAND & GRAVEL	WETHERELL	02 TO93 R38W		H				
12	BUTLER DIST 2	CRUSHED STONE							
A12004	GREENE LS CO	LUBBEN	NW 25 TO93 R17W			5	5	1 - 21	
A12008	GREENE LS CO	FLORRY-STEERE	CT 08 TO93 R17W			5	5	1 - 11	
A12010	SKYLINE MATERIALS LTD	CLARKSVILLE-ENGLE	NE 16 TO92 R15W						
A12014	NIEMANN CONST CO	OLTMANN	SE 08 TO91 R16W						
A12016	GREENE LS CO	WIEGMANN-BRISTOW	SE 23 TO92 R18W					1 - 11	
A12018	GREENE LS CO	NEYMEYER	SW 28 TO90 R18W						
A12020	GREENE LS CO	BRUNS #2 SAND & GRAVEL	NW 21 TO91 R18W						
A12502	CROELL REDI-MIX	CLARKSVILLE	NW 01 TO92 R16W	2.67	2	4	4		
A12508	GREENE LS CO	AUSTINVILLE	NW 23 TO90 R18W	2.67	X	3	3		
A12514	GREENE LS CO	DE VRIES	SW 28 TO90 R18W	2.64	X	4	4		
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		H	3	3		
A12520	CROELL REDI-MIX	PARKERSBURG	E2 19 TO90 R16W	2.66	X				
A12522	NIEMANN CONST CO	HOBSON	34 TO92 R15W	DWU	X				

RECENTLY ACTIVE AGGREGATE SOURCES

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E
						A	B		
18	CHEROKEE DIST 3	<u>SAND & GRAVEL</u>							
A18506	HALLETT MATERIALS CO	CHEROKEE SOUTH	NE 16 TO91 R40W	2.70 2.69	2	X	3 3		
A18514	HIGMAN SAND & GRAVEL	LARRABEE-MONTGOMERY	NE2 20 TO93 R39W	DWU	2	X	3 3		
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	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	3 3		
A18536	HIGMAN SAND & GRAVEL	BECK	NE 30 TO93 R39W	DWU	2	X	3 3		
19	CHICKASAW DIST 2	<u>CRUSHED STONE</u>							
A19004	BRUENING ROCK PROD INC	DEERFIELD-MAHONEY	SE 33 TO97 R14W						
A19006	GREENE LS CO	HUNT	NE 29 TO94 R14W	2.57	2		4 4	9 - 10	L
A19008	GREENE LS CO	BOICE	NE 16 TO95 R14W				5		
		<u>SAND & GRAVEL</u>							
A19504	GREENE LS CO	HUNT	NW 29 TO94 R14W			H	4 4		
A19508	SKYLINE MATERIALS LTD	BUSTA	SE 23 TO96 R11W				4 4		
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	2.65		X	3 3		
A19516	NIEMANN CONST CO	REWOLDT	NE 25 TO94 R13W	DWU		X			
A19518	KNIFE RIVER MIDWEST LLC	AGGLAND	31 TO96 R12W	2.64		X			
A19520	WILTGEN CONST CO	ROFONKE	NE SE 16 TO95 R14W	2.64		H			
A19522	CROELL REDI MIX	BUCKY'S	NW 03 TO95 R11W	DWU	3iB		3 3		
A19524	NIEMANN CONST CO	REISNER	SE 23 TO96 R11W	2.65		X H			
20	CLARKE DIST 5	<u>CRUSHED STONE</u>							
A20002	SCHILDBERG CONST CO INC	OSCEOLA	NW 12 TO72 R26W				5	25A -25E 20A-20C	1
21	CLAY DIST 3	<u>SAND & GRAVEL</u>							
A21506	DAVE'S S&G	EVERLY	SW 31 TO97 R38W	2.70 2.68	2	X	3 3		
A21516	SIEH S&G	SPENCER #1	SW 24 TO96 R36W	2.69 2.66	2	X	3 3		
A21518	HALLETT MATERIALS CO	SPENCER #2	SW 05 TO97 R37W			H	4 4		
A21522	KNIFE RIVER MIDWEST LLC	STAINS	30 TO97 R38W			H	4 4		
A21526	CLAY COUNTY	CLAY COUNTY	NW 20 TO96 R35W			H			
A21528	DAVE'S S&G	GOEKEN	NE 05 TO96 R38W	DWU	2	H			
A21530	HALLETT MATERIALS CO	BRAUNSCHWEIG	16 TO94 R36W			H	3 3		
A21532	CLAY COUNTY	ELSER	CT 03 TO94 R36W			H	3 3		
A21534	HALLETT MATERIALS CO	CLARK EVERLY	NW 06 TO96 R38W			H			
A21536	HALLETT MATERIALS CO	GILLETT GROVE	NE 03 TO94 R36W			H	3 3		

NOTE 1: FRICTION TYPE TO BE DETERMINED WHEN USED

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E
						A	B		
22	CLAYTON	DIST 2	CRUSHED STONE						
A22002	BARD-KUHLMAN	TWIN ROCK-SCHRADER	NW 14 TO94 R05W			4	4	1 - 11	D
A22004	SKYLINE MATERIALS LTD	BENTE-ELKADER-WATSON	SW 12 TO93 R05W	2.66	2	4	4	3 - 11	D
A22008	BARD-KUHLMAN	ANDEREGG	SE 32 TO92 R02W			4	4	6 - 9	L
A22010	BARD-KUHLMAN	OSTERDOCK	SE 02 TO91 R03W	2.67	2	4	4	1 - 9	D
A22012	BARD-KUHLMAN	SCHMIDT	NE 33 TO91 R01W	2.66	3i	4	4	2 - 8	D
A22014	SKYLINE MATERIALS LTD	BLUME	NE 09 TO93 R03W	2.64	2	4	4	1 - 8	D
A22018	CJ MOYNA & SONS	ZURCHER	SE 01 TO94 R05W			4	4	4B- 6	D
A22024	MIELKE'S QUARRY	MIELKE'S QUARRY	NE 21 TO95 R04W			4	4	2 - 6	D
A22032	BARD-KUHLMAN	WELLMAN	NW 25 TO92 R06W			4	4	1 - 7	D
A22038	BARD-KUHLMAN	FASSBINDER	SW 09 TO92 R03W	2.67	3i	4	4	1 - 12	D
A22040	BARD-KUHLMAN	HARTMAN	NW 29 TO91 R06W	2.68	3i	4	4	1 - 2	D
A22042	SKYLINE MATERIALS LTD	MORAREND	CT 35 TO92 R03W			4	4	2B- 6	D
A22044	BARD-KUHLMAN	BOGE	SW 18 TO91 R02W			4	4	1 - 4	D
A22058	SKYLINE MATERIALS LTD	ST OLAF	NW 25 TO94 R05W			4	4	1 - 8	D
A22060	CROELL REDI MIX	JOHNSON	NW 26 TO93 R04W	2.64	3i	4	4	1 - 10	D
A22062	CJ MOYNA & SONS	SNY MAGILL	SE 22 TO94 R03W	2.73	3i	4	4	2 - 5	D
A22068	RIVER CITY STONE	MILLVILLE	NW 10 TO91 R02W	DWU	3i	4	4	1 - 5	D
A22070	BRUENING ROCK PROD INC	BERNHARD/GIARD	NW 35 TO95 R04W	DWU	3i	4	4	6 - 10	D
A22072	PATTISON BROS	CLAYTON TERMINAL	07 TO93 R02W	DWU	3i	4	4	1 - 8	D
A22074	RIVER CITY STONE	STRAWBERRY POINT	NE 19 TO91 R06W	DWU	3	4	4	1 - 3	D
A22076	BRUENING ROCK PROD INC	LARSON	NW 08 TO93 R05W	DWU	3i	4	4	3 - 4	D
A22080	BARD-KUHLMAN	HILINE	NW 08 TO91 R03W			4	4	1	D
A22084	CJ MOYNA & SONS	MOYNA	14 TO93 R05W	2.66	3i	4	4	1 - 2	D
A22086	CJ MOYNA & SONS	WILLIE	SW 18 TO93 R02W					6 - 8	L,1
A22088	WILTGEN CONST CO	KEPPLER	NW 29 TO94 R05W			4	4	6 - 9	L
A22090	PATTISON BROS	FRENCHTOWN	7, 18 TO93 R02W	DWU	3i	4	4	S1C-S1D	D
				DWU	3	4	4	S1B	D
				DWU	3	4	4	S1B-S1D	D
				DWU	3i	4	4	G4	D
				DWU	3	4	4	G2- G3	D
A22092	CJ MOYNA & SONS	LARSON	07 TO94 R06W						
		SAND & GRAVEL							
A22510	SKYLINE MATERIALS LTD	BENTE	SE 15 TO93 R05W	2.66		4	4		
A22520	BARD-KUHLMAN	WELTERLEN	SE 32 TO91 R05W	2.65	X				
A22522	CJ MOYNA & SONS	MOYNA	13, 24 TO93 R05W		X	4	4		
				2.64					
					X				

NOTE 1: TOP 3' OF BED 8

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E	
						A	B			
23	CLINTON	DIST 6	<u>CRUSHED STONE</u>							
A23002	PRESTON READY MIX	ELWOOD-YEAGER	NW 08 TO83 R02E	DWU	3i	4	4	1 - 2	D	
A23004	WENDLING QUARRIES INC	BEHR	SW 02 TO81 R03E	2.61	3i	4	4	1 - 2	D	
A23006	WENDLING QUARRIES INC	SHAFFTON	NE 11 TO80 R05E	DWU	3i	4	4	16 - 17	D	
				DWU	3i	4	4	17 - 18	D	
				DWU	3i	4	4	18 - 19	D	
				DWU	3i	4	4	20 - 21	D	
				DWU	3	4	4	3 - 14	D	
						4	4	3 - 15	D	
						4	4	1 - 10	D	
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW 22 TO83 R05E							
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							
		<u>SAND & GRAVEL</u>								
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			4	4			
				2.66	X					
A23510	WENDLING QUARRIES INC	SHAFFTON	N2 11 TO80 R05E			4	4			
				2.66	X					
A23514	ANDERSON S&G	ANDERSON	NW 23 TO81 R03E	2.68	X					
A23516	WENDLING QUARRIES INC	OLSON	NW 23 TO81 R02E	DWU	X					
24	CRAWFORD	DIST 3	<u>SAND & GRAVEL</u>							
A24512	HALLETT MATERIALS CO	DUNLAP	SE 27 TO82 R41W	2.70	2	3	3			
				2.66	X					
25	DALLAS	DIST 4	<u>SAND & GRAVEL</u>							
A25510	HALLETT MATERIALS CO	PERRY	NW 01 TO81 R29W	2.70	2	4	4			
				2.67	X					
A25514	HALLETT MATERIALS CO	BOONEVILLE	S2 26 TO78 R26W	2.68	2	3	3			
				2.66	X					
A25516	HALLETT MATERIALS CO	VAN METER SOUTH	21 22 TO78 R27W	2.68	2	3	3			
				2.66	X					
A25518	MARTIN MARIETTA	RACCOON RIVER SAND	27 28 TO78 R26W	DWU	2					
				2.65	X					
26	DAVIS	DIST 5	<u>CRUSHED STONE</u>							
A26004	DOUDS STONE LLC	LEWIS	W2 02 TO69 R12W	2.60	3	4	4	1	L	
						5	5	3 - 7	L	
						5		3 - 5		
						4	4	6 - 7	L	
A26006	DOUDS STONE LLC	BROWN	SW NW 02 TO69 R12W	2.60	3	4	4	1	L	
						5	5	3 - 7	L	
						5		3 - 5		
						4	4	6 - 7	L	
		<u>SAND & GRAVEL</u>								
A26502	DOUDS STONE LLC	ELDON-FRANKLIN	SW 01 TO70 R12W	2.67	X					

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						A	B		
27	DECATUR	DIST 5	CRUSHED STONE						
A27002	SCHILDBERG CONST CO INC	GRAND RIVER	NW 22 TO70 R27W				5	25A - 25C	1
A27008	SCHILDBERG CONST CO INC	DECATUR	05 TO68 R26W				5	20C 25A - 25E	2 3
28	DELAWARE	DIST 6	CRUSHED STONE						
A28008	BARD-KUHLMAN	EDGEWOOD WEST	CT 04 TO90 R05W	2.67	3i	4 4	4 4	2 - 7	D
A28012	BARD-KUHLMAN	BAUL	SE 22 TO89 R06W	2.69	3i	4 4	4 4	1 - 7	D
A28014	BARD-KUHLMAN	LOGAN	SW 10 TO88 R05W	2.69	3	4 4	4 4	1 - 4	L
A28016	BARD-KUHLMAN	WHITE	NW 02 TO88 R04W	2.72	3i	4 4	4 4	2 - 8	L
A28020	BARD CONCRETE CO	DEUTMEYER	SW 13 TO88 R03W	DWU	3i	4 4	4 4	1 - 8	L
A28030	BARD-KUHLMAN	GRIEF	NE 18 TO87 R03W				4	1 - 2	D
A28032	RIVER CITY STONE	SCHNITTJER-DELHI	NE 35 TO88 R04W					2 - 6	D
A28038	BARD-KUHLMAN	KUHLMAN	NW 06 TO90 R04W	2.70	3i	4 4	4 4	1B - 5	D
A28040	BARD CONCRETE CO	KRAPFL	SE 23 TO89 R03W	2.69	3iB	4 4	4 4	4	D
A28042	BARD-KUHLMAN	WALSTON-MASONVILLE	SE 21 TO89 R06W	2.69	3i	4 4	4 4	1 - 4	D
A28044	NIEMANN CONST CO	DUNDEE	NE 20 TO90 R06W	DWU	3i	4 4	4 4	1 - 4	L
A28046	BARD-KUHLMAN	PINS	NW 27 TO88 R03W				4	1 - 6	L
A28050	BARD-KUHLMAN	BUCK CREEK	NW 20 TO87 R04W					2 - 7	D
A28052	RIVER CITY STONE	MANCHESTER	SW 09 TO88 R05W	DWU	3	4 4	4 4	5 - 8	D
A28054	RIVER CITY STONE	WINCH	NW SW 02 TO87 R04W						
A28056	RIVER CITY STONE	THORPE	NW 33 TO90 R05W						
A28058	RIVER CITY STONE	ROSSOW/MANCHESTER	NE NW 16 TO88 R05W				4 4	1 - 8	L
A28504	BARD CONCRETE CO	TEGLER	NE 36 TO89 R03W	2.65		X	4 4		
A28510	BARD-KUHLMAN	LOGAN	SW 10 TO88 R05W	2.65		X			
A28520	RIVER CITY STONE	MANCHESTER	SW 10 TO88 R05W	2.65		X			
A28524	BARD-KUHLMAN	LAKE DELHI	NW 14 TO88 R05W	2.64		X			
29	DES MOINES	DIST 5	CRUSHED STONE						
A29002	L&W QUARRIES INC	MEDIAPOLIS-LEONARD	SE 01 TO71 R04W	2.65	3	4 4	4 4	15	L, 4
A29008	CESSFORD CONST CO	NELSON	NE 26 TO72 R02W	2.62 DWU	3i 3	4 4	4 4	15 - 18 20	L L
A29012	CESSFORD CONST CO	GEODE	NE 01 TO69 R05W			4 4	4 4	21 - 24 8 - 14 7 - 19 7 - 20 15 - 24	L L L L L
A29502	CESSFORD CONST CO	SPRING GROVE	SW 36 TO69 R03W	DWU 2.66	3	4 4	4 4	24 - 27 11 - 12 9 - 13 17 1 - 5	L L L L L

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E	
						HMA A B				
30	DICKINSON	DIST 3	SAND & GRAVEL							
A30504	HALLETT MATERIALS CO	ROHLIN	NE 06	TO98	R36W		H	3 3		
A30508	HALLETT MATERIALS CO	FOSTORIA/LOST	32	TO98	R37W	2.71 2.67	2 X	3 3		
A30512	DICKINSON CO	WESTPORT	NE 17	TO98	R38W		H	4 4		
A30514	HALLETT MATERIALS CO	MILFORD/LEITH	NE 04	TO98	R37W	DWU	2 H	3 3		
A30516	COHRS CONSTRUCTION INC	CROSBY	NW 21	T100	R37W		H			
A30518	COHRS CONSTRUCTION INC	SMITH	SE 06	TO98	R36W		H			
A30520	HALLETT MATERIALS CO	MILFORD/DERNER	W2 13 E2 14	TO98	R37W	DWU DWU	2 X			
A30522	HALLETT MATERIALS CO	FODNESS	CT 23	T100	R36W		H			
A30524	COHRS CONSTRUCTION INC	COHRS/DERNER	S2 NE 14	TO98	R37W		H			
A30526	NORTHWEST R/M CONC INC	MILL CREEK	SW 08	TO97	R36W		H			
31	DUBUQUE	DIST 6	CRUSHED STONE							
A31002	RIVER CITY STONE	ROSE SPUR	27	TO90	R02E	2.66	3i	4 4 4 4	1 - 8 1 - 15	D D
A31006	BARD-KUHLMAN	DYERSVILLE-SUNDHEIM	SE 32	TO89	R02W	2.66	3i	4 4 4 4	5 - 12 5 - 8	D D
A31008	CJ MOYNA & SONS	KLEIN-RICHARDSVILLE	NW 33	TO90	R01E	DWU	3i	4 4 4 4	3A - 4B 1 - 4	D D
A31010	RIVER CITY STONE	BROWN	NW 33	TO89	R02E	2.65	3i	4 4 4 4 4 4	3 - 9A 2 - 9 9B	D D D
A31014	BARD CONCRETE CO	KURT	N2 35	TO87	R02W	2.70	3iB	4 4	1 - 2	D
A31018	RIVER CITY STONE	MELOY	NW 23	TO87	R01E	DWU	3i	4 4	1 - 3	D
A31020	RIVER CITY STONE	SCHLITCHE	SE 11	TO89	R02W	DWU	3i	4 4	1 - 4	D
A31024	BARD-KUHLMAN	JOHNS CREEK	SW 36	TO88	R02W	2.69	3i	4 4 4 4	3 - 4 1 - 4	D D
A31026	WENDLING QUARRIES INC	ARNSDORF	SE 25	TO87	R02E	DWU	3i	4 4	1 - 2	D
A31028	RIVER CITY STONE	THOLE	NW 21	TO87	R02E	DWU	3i	4 4	1 - 2	D, 1
A31030	RIVER CITY STONE	KEMP	NE 09	TO89	R01W			4		
A31032	BRUENING ROCK PROD INC	CASCADE-REITER	NW 28	TO87	R01W	DWU	3i	4 4	1B - 5	D
A31036	RIVER CITY STONE	BALLTOWN	SE 05	TO90	R01E					
A31040	RIVER CITY STONE	KENNEDY	NW 03	TO88	R01W			4		
A31042	RIVER CITY STONE	GANSEN	NW 09	TO87	R02E			4		
A31046	WENDLING QUARRIES INC	DECKER	SE 24	TO87	R02E	DWU	3i	4 4	1 - 5	D
A31048	RIVER CITY STONE	MCDERMOTT	NE 35	TO88	R01W	2.65	3i	4 4	2	D
A31050	RIVER CITY STONE	PLOESSEL-DYERSVILLE	N2 07	TO88	R02W	2.74	3i	4 4	3 - 5	D
A31052	HORSFIELD MATERIALS INC	EPWORTH-KIDDER	SW 02	TO88	R01W	DWU	3i	4 4	2	D
A31056	RIVER CITY STONE	RUBIE	SE 06	TO88	R03E	DWU	3iB	4 4	5 - 9	D, 2
A31058	RIVER CITY STONE	HOLY CROSS	SW 12	TO90	R02W					
A31060	BARD CONCRETE CO	EAST CASCADE	SE 22	TO87	R01W	2.71	3iB	4 4	2 - 5	D
A31064	RIVER CITY STONE	WEBER	NE 32	TO89	R02E	2.67	3i	4 4	3 - 9A	D
A31066	RIVER CITY STONE	FILLMORE	SW 26	TO87	R01W	2.70	3i	4 4	2 - 4	D
A31068	HORSFIELD MATERIALS INC	DYERSVILLE-MAIERS	SE 19	TO89	R02W	DWU	3i	4 4	2	D
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

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA A B			
32	EMMET DIST 3	<u>SAND & GRAVEL</u>							
A32502	HALLETT MATERIALS CO	ESTHERVILLE	N2 03 TO99 R34W	2.70 DWU	2	X	3 3		
A32506	EMMET COUNTY	FREY	NW 21 T100 R34W		H	4 4			
A32522	HALLETT MATERIALS CO	OLD ESTHERVILLE S&G	30 TO99 R33W		H				
A32524	EMMET COUNTY	PETERSON	SW 34 T100 R34W		H				
A32530	HALLETT MATERIALS CO	ESTHERVILLE/WHITE	SW 16 T100 R34W	DWU DWU	2	X	4 4		
A32534	COHRS CONSTRUCTION INC	ENERSON	28 T100 R34W		H	4 4			
A32538	HALLETT MATERIALS CO	JENSEN	NW 03 TO99 R34W	DWU DWU	2	X			
A32540	HALLETT MATERIALS CO	FISHER	NE 33 TO98 R32W		H				
A32542	HALLETT MATERIALS CO	GRAETTINGER	SE 33 TO98 R33W		H	4 4			
A32544	DUININCK BROS INC	ANDERSON	7,8 T100 R34W		H	3 3			
A32546	DUININCK BROS INC	TROPHY RIDGE	SE 25 TO99 R34W	DWU	X				
					H				
33	FAYETTE DIST 2	<u>CRUSHED STONE</u>							
A33002	NIEMANN CONST CO	ELDORADO-JACOBSEN	SW 17 TO95 R08W	2.69	3iB	5 5	4 - 6B		L
A33010	WILTGEN CONST CO	VOSHELL	NW 21 TO93 R07W				1 - 4		
A33018	NIEMANN CONST CO	FAIRBANK	SW 28 TO91 R10W			4 4	5		D
A33020	NIEMANN CONST CO	YEAROUS	SW 19 TO93 R08W			4 4	1 - 5		
A33024	NIEMANN CONST CO	WAUCOMA	NW 25 TO95 R10W	2.69	3iB	5 5	2 - 5		L
A33026	WILTGEN CONST CO	LYNCH	NW 05 TO95 R10W			4 4	1 - 5		D
A33032	BRUENING ROCK PROD INC	LANDIS	SE 12 TO93 R08W			4 4	1 - 5		D
A33034	NIEMANN CONST CO	MCDONOUGH	SE 36 TO94 R08W						
A33036	NIEMANN CONST CO	GRAHAM-HAWKEYE	SW 06 TO94 R09W			4 4	1 - 4		L
A33038	NIEMANN CONST CO	PAPE	NE 28 TO95 R08W	DWU	3iB	5 5	3 - 5		L
A33040	NIEMANN CONST CO	SINNOTT	25 TO93 R09W						
A33042	WILTGEN CONST CO	LEHMAN	SW 35 TO94 R07W						
A33044	BRUENING ROCK PROD INC	FAYETTE 93	30 TO93 R08W						
		<u>SAND & GRAVEL</u>							
A33506	NIEMANN CONST CO	ALPHA	NW 03 TO94 R10W	2.64	X	4 4			
A33508	SKYLINE MATERIALS LTD	DURSCHER	NW 03 TO94 R07W		H	4			
A33510	ZUPKE S&G	RANDALIA	NW 29 TO93 R09W	2.64	X	4 4			
A33512	NIEMANN CONST CO	WADENA	NE 25 TO93 R07W	2.66	X	4 4			
A33518	BARD-KUHLMAN	BASSETT	SE 11 TO91 R07W	2.65	X	4 4			
A33520	BRUENING ROCK PROD INC	OELWEIN SAND	NE 09 TO91 R09W	2.65	X				
A33522	BRUENING ROCK PROD INC	PAPE	SE 08 TO95 R08W	2.65	X				
A33524	CROELL REDI-MIX	ROGERS	04 TO94 R07W	2.66	X				
A33526	WILTGEN CONST CO	ELDORADO	NE 13 TO95 R09W		H	4 4			
A33528	NIEMANN CONST CO	KASEMEIER	SE 19 TO93 R10W	2.64	X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E		
						HMA A B					
34	FLOYD	DIST 2	CRUSHED STONE								
A34002	GREENE LS CO		CARVILLE-BUNN	SW 23	T095 R15W	2.63	2	4 4	1 - 4	L	
A34004	GREENE LS CO		MAXON	SE 07	T094 R17W	2.68	2	5 5	4C - 19	L	
								5 5	1 - 17	L	
A34006	GREENE LS CO		JOHLAS	SW 07	T094 R15W			5	6 - 7		
A34008	GREENE LS CO		WARNHOLTZ	SW 09	T096 R16W	2.70	3i	5 5	1 - 4	L	
						2.68	2	4 4	17 - 18	D	
									1 - 18		
A34010	GREENE LS CO		LACOSTA	SE 25	T097 R17W	2.67	3i	5 5	1 - 4	L	
								5 5	1 - 8	L	
								4 4	9 - 14	L	
A34012	GREENE LS CO		WILLIAMS	NW 29	T096 R18W						
A34014	BRUENING ROCK PROD INC		HANNMANN	NE 20	T094 R15W						
A34018	CROELL REDI MIX		JONES	N 26	T097 R17W	2.67	3iB	5 5	1 - 4	L	
						DWU	3B		2 - 7	L	
						DWU	3		5A - 7	L	
A34020	CROELL REDI MIX		POWERS SAND & GRAVEL	SW 25	T094 R16W						
A34502	GREENE LS CO		ROCKFORD	SE 15	T095 R18W	2.68	2	3 3			
						2.65		X			
A34506	GREENE LS CO		LENT	NE 08	T096 R16W			H	4 4		
A34510	GREENE LS CO		BRACKEL	NE 17	T094 R17W			H	4 4		
A34514	GREENE LS CO		LITTLE CEDAR	NW 01	T095 R15W				3 3		
						2.65		X			
A34516	GREENE LS CO		CEDAR ACRE RESORTS	E2 17	T095 R15W	2.65		X			
A34518	GREENE LS CO		ENABNIT	NW 21	T094 R17W			H			
A34520	CROELL REDI MIX		FOOTHILL	26	T095 R18W	DWU	2				
						2.66		X			
A34522	GREENE LS CO		ROTTINGHAUS	NE 35	T096 R15W	2.66		X			
35	FRANKLIN	DIST 2	CRUSHED STONE								
A35002	MARTIN MARIETTA		DOWS	NE 30	T091 R22W				4 4	1 - 4	L
									4 4	1 - 12	L
									4 4	7 - 12	L
									5 5	5 - 6	L
A35006	MARTIN MARIETTA		HIBNESS	SE 22	T091 R20W	2.58	3	5 5	1 - 4A	L	
								4 4	1 - 12	L	
A35010	GREENE LS CO		MILLER	NE 13	T091 R19W				4	1 - 5	
A35016	GREENE LS CO		AYRES	01	T092 R19W						
			SAND & GRAVEL								
A35502	SKLYINE MATERIALS LTD		GENEVA	SW 07	T091 R19W	2.68	2	3 3			
						2.64		X			
A35516	KNIFE RIVER MIDWEST LLC		PETERS	SW 04	T092 R20W				3 3		
						2.65		X			
A35518	KNIFE RIVER MIDWEST LLC		REINKE	SW 22	T091 R20W			H	4 4		
A35520	STRATFORD GRAVEL INC		BRANDT	N2 34	T090 R19W	2.68		X	4 4		
A35522	MARTIN MARIETTA		RASH	SE 27	T090 R22W	DWU	2		4 4		
						2.61		X			
36	FREMONT	DIST 4	CRUSHED STONE								
A36002	SCHILDBERG CONST CO INC		THURMAN	NW 23	T070 R43W				4		
37	GREENE	DIST 1	SAND & GRAVEL								
A37504	HALLETT MATERIALS CO		JEFFERSON	SW 04	T083 R31W	2.66	2	4 4			
						2.64		X			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA A B			
37	GREENE	DIST 1	<u>SAND & GRAVEL</u>						
A37514	ARCADIA LIMESTONE CO		WRIGHT	NW 05	TO84 R32W	2.66	X	4 4	
A37520	GREENE CO REDI MIX		HAMILTON	27	TO83 R30W	2.65	X		
A37522	STRATFORD GRAVEL INC		HAUPERT	20	TO84 R30W		H		
A37524	STRATFORD GRAVEL INC		DAVIS	30	TO82 R29W		H		
A37526	HALLETT MATERIALS CO		JEFFERSON-CLARKE	NE 23	TO84 R31W		H		
A37528	STRATFORD GRAVEL INC		MUIR	SW 10	TO83 R30W		H		
A37530	BEDROCK GRAVEL CO		BEDROCK #3	SW 02	TO83 R31W		H		
A37532	STRATFORD GRAVEL INC		MEARS	13	TO84 R30W				
38	GRUNDY	DIST 1	<u>SAND & GRAVEL</u>						
A38504	SKYLINE MATERIALS LTD		HERONIMOUS	SE 35	TO88 R17W	2.63	X		
A38506	STRATFORD GRAVEL INC		MEESTER	NE NE 12	TO88 R17W	2.63	X		
39	GUTHRIE	DIST 4	<u>SAND & GRAVEL</u>						
A39502	KNIFE RIVER MIDWEST LLC		HEILAND	SW 29	TO79 R30W		H	4 4	
A39508	MCALISTER AGGREGATES LLC		L & L	NE 33	TO78 R31W	2.64	X	4 4	
A39510	MCALISTER AGGREGATES LLC		GARNES	SE 22	TO81 R32W		H		
40	HAMILTON	DIST 1	<u>CRUSHED STONE</u>						
A40006	MARTIN MARIETTA		GRANDGEORGE	SE 18	TO89 R25W	2.57	3iB	5 5 5 5 4 4 5 5 5 5	11B- 13 3 - 5 7 - 11 8 - 11 12
			<u>SAND & GRAVEL</u>						
A40512	STRATFORD GRAVEL INC		ANDERSON	12	TO87 R26W	DWU	X		
41	HANCOCK	DIST 2	<u>CRUSHED STONE</u>						
A41002	BMC AGGREGATES LC		GARNER NORTH	SE 11	TO95 R24W	2.77 2.77	3iB 3iB	4 4 4 4	1 - 4 6
			<u>SAND & GRAVEL</u>						
A41504	HANCOCK COUNTY		HUTCHINS	E2 27	TO96 R26W		H	4	
A41506	HANCOCK COUNTY		KLEMMME	26	TO95 R24W		H	4	
A41518	HANCOCK COUNTY		AUSTIN	NE 11	TO97 R25W		H		
42	HARDIN	DIST 1	<u>CRUSHED STONE</u>						
A42002	MARTIN MARIETTA		ALDEN	NW 20	TO89 R21W	2.56 DWU DWU	3iB 3iB 3	4 4 4 4 5 5 5	0 - 3 3 0 - 1
A42004	GERHKE QUARRIES INC		GIFFORD	NW 04	TO86 R19W				L, 2 L L
			<u>SAND & GRAVEL</u>						
A42512	CONCRETE INC		HARDIN AGGREGATES	SW 31	TO87 R19W	2.67	X	4 4	
A42524	STRATFORD GRAVEL INC		GRIFFEL	SE 31	TO89 R19W		H	3 3	
A42528	STRATFORD GRAVEL INC		LLOYD	04	TO86 R19W		H	4 4	
A42532	MARTIN MARIETTA		H & M FARMS	34	TO89 R20W	2.67	X		
43	HARRISON	DIST 4	<u>CRUSHED STONE</u>						
A43002	SCHILDBERG CONST CO INC		LOGAN	19	TO79 R42W			5 5 5 5 4	25E 25C- 25E 26
A43004	BEDROCK GRAVEL		LOGAN	17	TO79 R42W			5 5 5 5 4	25E 25C- 25E 26

NOTE 1: TOP 13' OF BED 13

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E
						A	B		
43	HARRISON DIST 4	<u>SAND & GRAVEL</u>							
A43512	HALLETT MATERIALS CO	WOODBINE-MCCANN	SW 29 TO81 R41W	2.68 2.64	3 X	3	3		
44	HENRY DIST 5	<u>CRUSHED STONE</u>							
A44002	COOTS MATERIALS CO INC	KINNEY & SONS	SE 17 TO71 R06W						
A44006	HENRY COUNTY	LEEPER	NE 18 TO71 R06W	DWU	2	4	4	8 - 11	D
A44008	DOUDS STONE LLC	MT PLEASANT	SW 36 TO71 R06W			4	4	13 - 14	L
		<u>SAND & GRAVEL</u>				5	5	9 - 14	L
A44502	CESSFORD CONST CO	NORTH ROME	SW 29 TO72 R07W	2.66	X	4	4		
A44504	IDEAL SAND CO	ENSMINGER-ROME	NW 32 TO72 R07W	2.67	X				
45	HOWARD DIST 2	<u>CRUSHED STONE</u>							
A45006	BRUENING ROCK PROD INC	NELSON	NE 33 TO99 R13W	2.54 2.54	2 2	4	4	1 - 3 8 - 9	L D
A45008	BRUENING ROCK PROD INC	DOTZLER	NE 23 TO99 R12W	2.50	3	4	4	7 - 10A	D
A45010	BRUENING ROCK PROD INC	DALEY	NE 11 TO98 R11W	2.59	3	4	4	9 - 11	D
A45014	FALK CONST CO	O'DONNELL	SE 08 TO97 R14W				5		
A45018	BRUENING ROCK PROD INC	LE ROY	NW 10 T100 R14W						
A45028	BRUENING ROCK PROD INC	ELMA	NW 06 TO97 R13W						
A45030	BRUENING ROCK PROD INC	DIEKEN-TANK	SE 24 T100 R13W						
A45032	SKYLINE MATERIALS LTD	KITCHEN	13 T100 R12W						
		<u>SAND & GRAVEL</u>							
A45502	BRUENING ROCK PROD INC	MAPLE LEAF-POTTER	SE 04 TO98 R13W		H	4	4		
A45504	SKYLINE MATERIALS LTD	ECKERMAN	NW 33 T100 R11W	DWU 2.65	3 X	4	4		
A45508	SKYLINE MATERIALS LTD	SOVEREIGN	SW 01 TO98 R12W	DWU 2.65	3 X	3	3		
A45516	BRUENING ROCK PROD INC	FREIDERICH	NE 15 TO98 R14W			3	3		
A45518	BRUENING ROCK PROD INC	ELMA	NW 06 TO97 R13W	2.67 2.67	X X				
46	HUMBOLDT DIST 2	<u>CRUSHED STONE</u>							
A46004	STRATFORD GRAVEL INC	GRIFFITH	SW 24 TO91 R30W	DWU	3iB	4	4	1 - 4	L
A46006	MARTIN MARIETTA	HODGES	NE 32 TO92 R28W	2.60	3i	4	4	1 - 6	L
A46014	MARTIN MARIETTA	PEDERSEN	SW 28 TO92 R28W	DWU 2.59	3i	5	5	4 - 8	L
				2.58	3i	5	5	4 - 13	L
				2.57	3i	5	5	4 - 20	L
A46016	KNIFE RIVER MIDWEST LLC	ERICKSON	30 TO91 R28W					14 - 20	L
		<u>SAND & GRAVEL</u>							
A46512	NORTHWEST MATERIALS	WARREN	SW 08 TO92 R30W		H		4		
A46516	NORTHWEST MATERIALS	ERICKSON	30 TO91 R28W		H	3	3		
A46518	MARTIN MARIETTA	PEDERSEN	SW 28 TO92 R28W	2.66	X	4	4		
47	IDA DIST 3	<u>SAND & GRAVEL</u>							
A47502	HALLETT MATERIALS CO	BATTLE CREEK	05 TO86 R41W		H	3	3		
A47504	HIGMAN SAND & GRAVEL	CROCKER	NW 06 TO89 R41W	DWU	3 H				
48	IOWA DIST 6	<u>SAND & GRAVEL</u>							
A48502	MARENGO READY MIX	KIMMICH	SE 24 TO81 R11W	2.66	X	4	4		
A48506	WENDLING QUARRIES INC	MARENGO	NW 22 TO81 R11W	2.66	X				
A48508	MARENGO READY MIX	DISTERHOFT	SE 34 TO81 R10W	2.66	X				

RECENTLY ACTIVE AGGREGATE SOURCES

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	DIST	SOURCE NAME	LOCATION				BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
										A	B		
51	JEFFERSON	DIST 5	CRUSHED STONE										
A51006	WINN CORP		JEFFERSON	NE	09	TO71	R10W	DWU	3i		4 4	10 - 12	L, 1 D
52	JOHNSON	DIST 6	CRUSHED STONE										
A52002	WENDLING QUARRIES INC		FOUR CO	NW	04	TO81	R08W	2.66 DWU	3iB 3i	4 4	2 - 10	L	
A52004	RIVER PRODUCTS CO		CONKLIN	NW	33	TO80	R06W			5 5	23 - 24	L, 2	
										5 5	2 - 5	L	
										4 4	6 - 10	L	
A52006	RIVER PRODUCTS CO		KLEIN	NW	02	TO79	R07W	2.66 DWU	3iB 3i	4 4	2 - 10	L	
										5 5	23 - 24	L, 2	
										5 5	2 - 5	L	
										4 4	6 - 10	L	
										4 4	21	L	
										5 5	21 - 22	L	
A52008	RIVER PRODUCTS CO		ERNST SAND & GRAVEL	SW	20	TO80	R05W			4 4	2 - 10	L	
A52502	S&G MATERIALS INC		SHOWERS	NE	27	TO79	R06W	2.65 DWU	X	4 4			
A52506	S&G MATERIALS INC		BUTLER	SW	33	TO79	R06W		X				
A52508	S&G MATERIALS INC		WILLIAMS	NW	34	TO79	R06W			3 3			
A52510	RIVER PRODUCTS CO		RIVERSIDE #2		34	TO78	R06W	DWU DWU	X X	4 4			
53	JONES	DIST 6	CRUSHED STONE										
A53002	BARD CONCRETE CO		FARMERS-BEHREND'S	NE	14	TO86	R03W	2.64	3i	4 4	1 - 5	D	
										4 4	5 - 7	D	
A53004	WENDLING QUARRIES INC		MONTICELLO	NE	24	TO86	R04W	2.66	3i	4 4	1	D	
A53006	WENDLING QUARRIES INC		ANAMOSA	SE	13	TO84	R04W	DWU	3i	4 4	1 - 5	D	
										4 4	1 - 6	D	
A53010	WENDLING QUARRIES INC		BALLOU-OLIN	NE	24	TO83	R03W	DWU DWU	3iB 3	4 4	3	D	
										4 4	2 - 3	D	
										4 4	1 - 3	D	
A53012	WENDLING QUARRIES INC		WYOMING		33	TO84	R01W	2.69	3iB	4 4	1 - 2C	D	
A53014	WEBER STONE CO INC		JACOBS-SCOTCH GROVE	SW	07	TO85	R02W				5		
A53016	WEBER STONE CO INC		STONE CITY		5,6	TO84	R04W	2.45	3i	4 4	2B - 3	D	
A53018	RIVER CITY STONE		FINN	NE	06	TO85	R01W	DWU	3i	4 4	2 - 5	D	
A53024	RIVER CITY STONE		SULLIVAN	NW	14	TO86	R03W	DWU	3i	4 4	1 - 5	D	
A53026	RIVER CITY STONE		ANAMOSA SAND & GRAVEL	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			4 4			
								2.66	X				
A53510	WENDLING QUARRIES INC		KNAPP	SE	27	TO84	R03W			4 4			
								2.65	X				
A53514	WENDLING QUARRIES INC		FLEMING	NE	12	TO83	R03W	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	2.65	X				
A53530	RIVER CITY STONE		ANAMOSA-WOOD'S	CT	15	TO84	R04W	2.66	X	3 3			
A53532	BARD CONCRETE CO		LOES	NE	04	TO86	R01W	DWU	X				

NOTE 1: CEDAR FORK LEDGE
NOTE 2: 1.25 INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	DIST	SOURCE NAME	LOCATION				BULK	DUR	FRICT		BEDS	N O T E
								SSD SpGr	PCC CA FA	HMA A B			
54	KEOKUK	DIST 5	CRUSHED STONE										
A54002	DOUDS STONE LLC		KESWICK	NW	21	TO77	R12W	2.61	2	4	4	13 - 15	D, 1
A54004	DOUDS STONE LLC		OLLIE	SW	01	TO74	R11W	2.66 2.57	3i 3	4	4	13 - 18 13 - 18 27 - 29 13 - 19 27 - 30 30 - 37 31 - 33	D L 1 L L L L
A54008	DOUDS STONE LLC		HARPER	SE	11	TO76	R11W			4	4	15 - 24 32 - 37 38 - 40	L L L
A54010	DOUDS STONE LLC		LYLE	NW	13	TO74	R13W	DWU	3	4	4	40 36 - 38 36 - 40	L L L
A54012	WINN CORP		KEOKUK COUNTY QUARRY SAND & GRAVEL	NW	21	TO74	R11W			5	5	1 - 5	L
A54502	WINN S&G		WINN	SE	06	TO74	R10W	2.66	X				
55	KOSSUTH	DIST 2	SAND & GRAVEL										
A55506	KOSSUTH COUNTY		WHITTEMORE	NW	16	TO95	R30W		H	4	4		
A55508	KOSSUTH COUNTY		IRVINGTON	NW	36	TO95	R29W		H		4		
A55518	REDING GRAVEL&EXCAVATING		REDING		02	TO94	R29W		H				
A55548	MARTIN MARIETTA		BORMANN SAND	NE	36	TO94	R29W		H				
56	LEE	DIST 5	CRUSHED STONE										
A56002	CESSFORD CONST CO		HAWKEYE	NE	10	TO68	R06W				5	1 - 21	
A56006	CESSFORD CONST CO		ARGYLE	SE	18	TO66	R06W			5	5	1 - 27	L
A56008	CESSFORD CONST CO		DONNELLSON	SE	05	TO67	R06W			4	4	22 - 27	L
A56012	CESSFORD CONST CO		VINCENNES	NW	19	TO66	R06W			4	4	1 - 17	L
A56014	CESSFORD CONST CO		BEACH		24	TO69	R06W			5		4 - 12	
A56016	GREAT RIVER MATERIALS LLC		HERITAGE		26	TO69	R04W	DWU	2	4	4	13 - 17	D
A56018	CESSFORD CONST CO		OMG CESSFORD AUGUSTA	NW	25	TO69	R04W			4	4	10 - 15	L
A56020	PNB PROCESSORS LLC		PNB PROCESSORS AUGUSTA	NW	25	TO69	R04W			4	4	9 - 11	L
A56022	CESSFORD CONST CO		VINCENNES SAND PIT QUARRY SAND & GRAVEL	SE	32	TO66	R06W			4	4	9 - 10 6 - 8	L 2
A56504	CESSFORD CONST CO		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: 1.25 INCH MAXIMUM TOP SIZE
NOTE 2: TOP 6' REMOVED

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E
						A	B		
57	LINN DIST 6	CRUSHED STONE							
A57002	WENDLING QUARRIES INC	BETENBENDER-COGGON	SW 03 TO86 R06W	DWU	3i	4	4	8 - 9	D
				DWU	2	4	4	8 - 10	D
A57004	WENDLING QUARRIES INC	PLOWER	SE 36 TO86 R06W	2.62	3	4	4	9 - 11	D
						4	4	1 - 10	D
A57006	WENDLING QUARRIES INC	ROBINS	NE 21 TO84 R07W	2.57	3i	4	4	3	L, 1
A57008	WENDLING QUARRIES INC	BOWSER-SPRINGVILLE	SW 29 TO84 R05W	DWU	3i	4	4	6 - 7	D
				DWU	3i	4	4	8 - 9	D
						4	4	1 - 4	D
A57010	WENDLING QUARRIES INC	TROY MILLS	SE 09 TO86 R07W						
A57014	WENDLING QUARRIES INC	SWEETING	NW 18 TO85 R08W					4	
A57016	WENDLING QUARRIES INC	ALICE	NW 08 TO85 R07W					4	
A57018	MARTIN MARIETTA	CEDAR RAPIDS	NE 15 TO82 R06W	2.64	3i	4	4	2 - 9	D, 1
						4	4	2 - 14	D
A57022	CRAWFORD QUARRY CO	LEE CRAWFORD	NW 23 TO83 R08W	2.55	2	4	4	8	L
A57026	NIEMANN CONST CO	COOK	NW 10 TO86 R07W						
A57028	WENDLING QUARRIES INC	BEVERLY	NW 07 TO82 R07W	DWU	3i	4	4	6 - 7	D
A57030	CJ MOYNA & SONS	HENNESSEY	NE 01 TO82 R07W	DWU	3i	4	4	4 - 5	D
		SAND & GRAVEL							
A57502	WENDLING QUARRIES INC	SWEETING	NE 18 TO85 R08W	2.64		X		4 4	
A57506	WENDLING QUARRIES INC	CEDAR RAPIDS	NE 27 TO84 R08W	2.65		X		4 4	
A57508	WENDLING QUARRIES INC	EAST MARION	NE 36 TO84 R06W	2.65		X		3 3	
A57520	WENDLING QUARRIES INC	IVANHOE	NW 29 TO82 R05W	2.66		X		4 4	
A57522	WENDLING QUARRIES INC	CENTRAL CITY	NE 10 TO85 R06W	2.65		X		4 4	
A57524	WENDLING QUARRIES INC	COGGON	NW 11 TO86 R06W	2.65		X		4 4	
A57526	WENDLING QUARRIES INC	TROY MILLS	SE 09 TO86 R07W	2.65		X			
A57528	WENDLING QUARRIES INC	BLAIRSFERRY SAND	SW 26 TO84 R08W	DWU	2			3 3	
				2.65		X			
A57530	WENDLING QUARRIES INC	HESS	SW 04 TO82 R06W	DWU		X			
A57532	CROELL READY MIX	PALO	NE 21 TO84 R08W	DWU		X			
A57534	MARTIN MARIETTA	LINN COUNTY SAND	NE 05 TO82 R06W	DWU		X			
A57536	CROELL READY MIX	POWER PLANT PIT	16 TO84 R08W	DWU		X			
58	LOUISA DIST 5	CRUSHED STONE							
A58002	RIVER PRODUCTS CO	COLUMBUS JUNCTION	NW 03 TO74 R05W	2.55	3	4	4	16 - 19	D, 2
						4	4	15 - 19	D
						4	4	19 - 21	D
		SAND & GRAVEL							
A58504	RIVER PRODUCTS CO	FREDONIA A INLAND PUMPING	SW 17 TO75 R04W	2.66		X		4 4	
		FREDONIA B RIVER PUMPING	SW 17 TO75 R04W	2.66		X		4 4	

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA A B			
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			H	3 3		
A60510	HALLETT MATERIALS CO	OLSON	NW 21 TO99 R48W			H	3 3		
A60518	VALLEY SAND AND GRAVEL	OPEN	NW 17 TO99 R48W			H	4 4		
A60530	DUININCK BROS	KOOKER	28 TO99 R45WH			H			
A60534	DUININCK BROS	EGEBO	16 TO99 R48W			H	3 3		
A60540	SOUTHERN MN CONST CO INC	KANANGEITER	SE 04 TO99 R43W			H			
A60542	KRUSE PAVING	EBEN	NW 17 TO99 R43W			H			
A60544	DAKOTA ROAD BUILDERS INC	ORVE	NE 24 T100 R49W			H			
A60546	HALLETT MATERIALS CO	VANDERBRINK	NW 07 TO98 R45W			H	3 3		
A60548	HALLETT MATERIALS CO	O'CONNOR	NW 16 TO99 R48W			H	3 3		
A60550	HALLETT MATERIALS CO	DENGLER	SW 33 TO99 R45W			H			
61	MADISON	DIST 4	<u>CRUSHED STONE</u>						
A61002	SCHILDBERG CONST CO INC	EARLY CHAPEL-DAGGETT	SW 03 TO76 R29W				5 5	15A-15C	L
							5	12	
							4	14B	
A61006	SCHILDBERG CONST CO INC	92 QUARRY	SW 05 TO75 R29W				5 5	15	
A61012	MARTIN MARIETTA	WINTERSET NORTH	SE 27 TO76 R27W				5	25	
A61013	SCHILDBERG CONST CO INC	WINTERSET WEST	SW 28 TO76 R27W				5	25E	
A61016	PERU QUARRY, INC	PERU	NE 27 TO75 R27W						
A61024	MARTIN MARIETTA	PENN-DIXIE	SW 32 TO76 R27W				5	25	
A61026	MARTIN MARIETTA	EARLHAM-MASON	SW 16 TO77 R28W				4	20	
							5	25	
A61032	MARTIN MARIETTA	EARLHAM-THRAILKILL	NE 08 TO77 R28W				4	20	
							5	25	
A61036	SCHILDBERG CONST CO INC	MONARCH CEMENT OF IOWA	NE 08 TO77 R28W				5	25B-25E	
62	MAHASKA	DIST 5	<u>SAND & GRAVEL</u>						
A62502	SKYLINE CONST CO	G71	SW 15 TO74 R16W	2.67		X			
63	MARION	DIST 5	<u>CRUSHED STONE</u>						
A63002	MARTIN MARIETTA	DURHAM MINE	NE 08 TO75 R18W	2.50 2.59	3i 2		4 4	101	L
							4 4	88 - 95	L
							4 4	95 - 96	L, 1
A63010	BRUENING ROCK PROD INC	S&S	SE 25 TO75 R20W	DWU	3		4 4	31A- 32D	L
							4		
A63502	PELLA CONST CO LTD	BEAN PROPERTY	NE 02 TO75 R18W	2.67		X	4 4		
A63512	MARTIN MARIETTA	NEW HARVEY	11,12 TO75 R18W	DWU 2.67	3	X			

NOTE 1: BOTTOM 5.0' ONLY OF BED 95

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		
64	MARSHALL	DIST 1	<u>CRUSHED STONE</u>							
A64002	MARTIN MARIETTA		FERGUSON	SW 05 TO82 R17W	2.65 2.66 DWU 2.66 DWU	3i 3 2 2 2	4 4 4 4 4 4	4 4 4 4 4 4	10 - 21 10 - 17 8 - 17 8 - 21 2 - 17 1 - 18	L L L L L L
A64004	CESSFORD CONST CO		LE GRAND	SW 36 TO84 R17W	2.58 DWU DWU	3i 2 2	5 4 4	5 4 4	1 - 7 19B- 31 8 8 - 19A 19B- 32	L L L L L
			<u>SAND & GRAVEL</u>							
A64502	MARTIN MARIETTA		MARSHALLTOWN	SW 29 TO84 R17W	2.65 2.65	2		X H	4 4	
A64506	STRATFORD GRAVEL INC		BEACH	NW 09 TO85 R20W						
65	MILLS	DIST 4	<u>CRUSHED STONE</u>							
A65006	SCHILDBERG CONST CO INC		MALVERN	NW SE 31 TO72 R41W						
66	MITCHELL	DIST 2	<u>CRUSHED STONE</u>							
A66002	FALK CONST CO		DUENOW	SE 08 TO99 R17W	2.77	3iB 3	4 5 4 5 4	4 5 4 4 4	5 13 4 6 - 8 9 - 10	D L L D
A66016	FALK CONST CO		LESCH	SW 12 TO97 R17W	DWU	3i	5 5 4	5 5 4	6 - 7 1 - 8 9 - 14	L L L
A66020	FALK CONST CO		ASPEL	NE 03 TO99 R15W						
A66022	FALK CONST CO		WAGNER	NW 29 TO98 R16W						
A66024	FALK CONST CO		GRUNDEL	07 TO98 R18W						
A66026	CROELL REDI-MIX		KOSTER	NE 35 TO99 R18W						
A66028	ULLAND BROS CONST		WINTERS	SW 23 TO99 R16W						
			<u>SAND & GRAVEL</u>							
A66502	FALK CONST CO		OSAGE-SCHMIDT	NW 01 TO97 R17W	2.63 2.66	X X	4 4			
A66512	FALK CONST CO		KLAAHSEN	SW 36 TO99 R18W	2.65	X				
A66514	FALK CONST CO		LOVIK	SE SW 12 TO97 R17W	2.64	X				
A66516	CROELL REDI MIX		BOERJAN	W2 01 TO98 R18W		X				
A66518	FALK CONST CO		KITTLESON	NW 36 TO99 R18W		H				
A66520	FALK CONST CO		LESCH	12 TO97 R17W	DWU	X				
67	MONONA	DIST 3	<u>SAND & GRAVEL</u>							
A67502	HALLETT MATERIALS CO		RODNEY	02 TO85 R44W	DWU DWU	2 X	3 3			
68	MONROE	DIST 5	<u>CRUSHED STONE</u>							
A68004	DOUDS STONE LLC		EDDYVILLE SOUTH	SW 02 TO73 R16W			4 4	6 - 7	L	
69	MONTGOMERY	DIST 4	<u>CRUSHED STONE</u>							
A69002	SCHILDBERG CONST CO INC		STENNETT	NE 27 TO73 R38W			4	16 - 17		
			<u>SAND & GRAVEL</u>							
A69504	WESTERN ENGINEERING		ELLIOT	13 TO73 R38W		H	4 4			

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA A B			
70 A70002	MUSCATINE DIST 6 WENDLING QUARRIES INC	<u>CRUSHED STONE</u> MOSCOW	NW 08 TO78 R02W	2.66 DWU 2.67 DWU	3i 3iB 3iB 3iB	5 5 4 4 4 4 4 4 5 5 5 5 1 - 9	11 - 17 21A-21B 21A- 24 21C- 24 8 - 17 1 - 9	L D D D L	
A70006 A70008	TUBE CITY IMS CORP BLACKHEART SLAG	WILTON MONTPELIER SAND & GRAVEL	SE 02 TO78 R02W SE 11 TO77 R01E			2 2 2 2			
A70504	WENDLING QUARRIES INC	ATALISSA-MCKILLIP	NW 20 TO78 R02W	2.66	X	4 4			
A70506 A70508	ACME FUEL AND MATERIALS HAHN S&G	ACME HAHN	SE 22 TO76 R02W SE 16 TO76 R02W	2.65	X H				
71 A71504	O'BRIEN DIST 3 HALLETT MATERIALS CO	<u>SAND & GRAVEL</u> RABE PAULLINA	SW 15 TO94 R41W			4 4			
A71528 A71530 A71532 A71534 A71536	O'BRIEN COUNTY HALLETT MATERIALS CO KNIFE RIVER MIDWEST LLC HALLETT MATERIALS CO DAVE'S S&G	COUNTY ROHLIN DOUMA SHELDON / KLEINWALTERINK PHLOW CREEK	NW 27 TO95 R39W 14 TO97 R42W SE 05 TO96 R41W CT 16 TO97 R42W 25 TO97 R39W	DWU DWU	X H H H X	4 4 4 4			
72 A72504	OSCEOLA DIST 3 NORTHWEST R/M CONC INC	<u>SAND & GRAVEL</u> OCHEYEDAN	SE 15 SW 14 TO99 R40W	2.71 2.68	2 X	3 3			
A72506	HALLETT MATERIALS CO	ASHTON	SW 28 TO98 R42W	2.69 2.69	2 X				
A72520 A72522	NORTHWEST R/M CONC INC HIGMAN SAND & GRAVEL	OCHEYEDAN NORTH KAPPES	NE 23 TO99 R40W NE 11 TO98 R42W	DWU DWU	2 X	4 4			
A72524 A72528 A72530	STRATFORD GRAVEL INC STRATFORD GRAVEL INC NORTHWEST R/M CONC INC	BOERHAVE DIRKS BOYD	SE 21 TO98 R42W SW 36 TO99 R40W NW 36 TO99 R40W	DWU 2.65 2.66 DWU	X H X	3 3			
A72532	HALLETT MATERIALS CO	OCHEYEDAN/PEDLEY	NW 23 TO99 R40W	DWU	X				
A72534	HALLETT MATERIALS CO	ASHTON-SEIVERT	28 TO98 R42W	DWU DWU	3 X	3 3			
A72536	NORTHWEST R/M CONC INC	HARTWIG	NE 16 TO99 R40W		H				
73 A73004	PAGE DIST 4 SCHILDBERG CONST CO INC	<u>CRUSHED STONE</u> SHAMBAUGH SAND & GRAVEL	SW 20 TO67 R36W			4 4	4 - 6	L	
A73508	HALLETT MATERIALS CO	SHENANDOAH-CONNELL II	NE 07 TO69 R39W	DWU 2.63	2 X				
74 A74502	PALO ALTO DIST 3 HALLETT MATERIALS CO	<u>SAND & GRAVEL</u> EMMETSBURG S&G	36 TO96 R33W	2.71 2.64	2 X	3 3			

RECENTLY ACTIVE AGGREGATE SOURCES

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

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

RECENTLY ACTIVE AGGREGATE SOURCES

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

NOTE 1: 1.25-INCH MAXIMUM TOP SIZE

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA 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		
A84506	HALLETT MATERIALS CO	HUDSON-OSTERCAMP	SE 07 TO96 R47W	2.69		X	3 3		
A84510	LG EVERIST INC	HAWARDEN-NORTH	S2 NW 22 TO95 R48W	2.67 2.67	3i	X	3 3		
A84518	STRATFORD GRAVEL INC	VON ARB	SE 15 TO94 R44W			H	4 4		
A84520	COUNTY PIT	CHATSWORTH	SW 28 TO94 R48W			H	4 4		
A84522	HALLETT MATERIALS CO	HYMAN	SW 31 TO96 R47W			H	3 3		
A84524	VALLEY SAND AND GRAVEL	GROTH	NW 36 TO97 R48W			H	3 3		
A84526	HIGMAN S&G	JONAS	NE 36 TO94 R44W				4 4		
A84528	HIGMAN S&G	HIGMAN-CHATSWORTH	W2 28 TO94 R48W	DWU 2.69	2	X	4 4		
A84530	VALLEY SAND AND GRAVEL	GROENWEG	NW 15 TO97 R46W	DWU DWU	2	X	3 3		
A84532	STRATFORD GRAVEL INC	LASSON	32 TO94 R44W	DWU DWU	2	X	3 3		
A84534	STRATFORD GRAVEL INC	CLEVERINGA	SE 25 TO95 R44W	DWU		H	3 3		
85	STORY DIST 1	<u>CRUSHED STONE</u>							
A85006	MARTIN MARIETTA	AMES MINE	SW 24 TO84 R24W	2.68 DWU	3iB 3iB		4 4 5 5 4 4	28 -39 47 49 -50	L L L
A85510	HALLETT MATERIALS CO	<u>SAND & GRAVEL</u> AMES SOUTH	18 TO83 R23W	2.66 2.65	2	X	3 3		
86	TAMA DIST 1	<u>CRUSHED STONE</u>							
A86002	WENDLING QUARRIES INC	MONTOUR	NW 09 TO83 R16W	2.61 2.63	3i 3i		5 5 4 4 4 4	1 - 7 13 - 20 8 - 12	L L L
A86502	MANATT'S INC	<u>SAND & GRAVEL</u> FLINT	NW 03 TO82 R15W	2.65		X	3 3		
88	UNION DIST 4	<u>CRUSHED STONE</u>							
A88002	SCHILDBERG CONST CO INC	THAYER	SE 35 TO72 R28W				5 5	25A-25E 25E	

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						A	B		
89	VAN BUREN	DIST 5	<u>CRUSHED STONE</u>						
A89002	DOUDS STONE LLC		DOUDS MINE	2.46	2	4	4	6 - 13	D
A89006	CESSFORD CONST CO		FARMINGTON-COMANCHE	2.69	3i	5	5	3	L
				2.52	2	4	4	16 - 17	L
						5	5	18 - 22	L
						4	4	5 - 12	L
A89008	DOUDS STONE LLC		SELMA-GARDNER	2.69	3	4	4	11	L
						5	5	7 - 10	L
						5	5	7 - 11	L
						4	4	14 - 21	L
						4	4	22 - 31	L
						4	4	14 - 31	L
90	WAPELLO	DIST 5	<u>SAND & GRAVEL</u>						
A90506	WINN CORP		WAPELLO CO SAND & ROCK			3	3		
				2.66					
A90508	GEOTECH MATERIALS		STEVENSON		X				
A90510	DOUDS STONE LLC		CHILLICOTHE	DWU	H				
					X				
92	WASHINGTON	DIST 5	<u>CRUSHED STONE</u>						
A92002	DOUDS STONE LLC		WEST CHESTER	2.64	3i	4	4	5 - 7	L
				DWU	3	4	4	14 - 16	L
A92006	DOUDS STONE LLC		COPPOCK			5	5	3 - 4	L
A92008	RIVER PRODUCTS CO		PEPPER-KEOTA FIELD						
A92014	DOUDS STONE LLC		COPPOCK NORTH			4	4	6 - 8	L
			<u>SAND & GRAVEL</u>						
A92502	RIVER PRODUCTS CO		RIVERSIDE	2.65	X	4	4		
94	WEBSTER	DIST 1	<u>CRUSHED STONE</u>						
A94002	MARTIN MARIETTA		FT DODGE MINE	2.62	3iB	4	4	36 - 42	L
A94008	STRATFORD GRAVEL INC		BUSKE			5	5	1 - 11	L
			<u>SAND & GRAVEL</u>						
A94502	NORTHWEST MATERIALS		YATES	2.63	X	4	4		
				2.65	X				
A94522	AUTOMATED S&G		CROFT						
A94526	STRATFORD GRAVEL INC		BUSKE	2.67		3	3		
					X				
A94528	STRATFORD GRAVEL INC		CONDON		H				
A94530	AUTOMATED S&G		RASCH		H				
A94532	STRATFORD GRAVEL INC		REIGELSBERGER	2.67	X				

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E
						HMA A	B		
96	WINNESHIEK DIST 2	CRUSHED STONE							
A96002	SKYLINE MATERIALS LTD	KENDALLVILLE	NE 33 T100 R10W	2.68	3B	4	4	3 - 7 1 - 7	L
A96003	WILTGEN CONST CO	BROWN	NW 08 TO99 R10W						
A96004	SKYLINE MATERIALS LTD	HOVEY	SW 28 TO98 R08W	2.64	3B	4	4	1 - 4 1 - 6	L L
A96005	BRUENING ROCK PROD INC	MCGEE	NW 19 TO99 R10W						
A96007	WILTGEN CONST CO	JACKSON	NE 31 TO96 R10W						
A96011	BRUENING ROCK PROD INC	GJETLEY	NE 08 TO98 R07W	DWU	3iB	4	4	1 - 3	D
A96013	WILTGEN CONST CO	YOUNG	NE 05 TO98 R07W						
A96015	BRUENING ROCK PROD INC	MARTIN	SW 18 TO96 R09W						
A96017	BRUENING ROCK PROD INC	SKYLINE B	CT 10 TO98 R08W	2.63	3B	5	5	1 - 3 4 - 8 4 - 11	L L L
A96022	WILTGEN CONST CO	MADISON #2	NE 18 TO98 R08W						
A96040	SKYLINE MATERIALS LTD	LOCUST	NE 11 TO99 R08W						
A96046	BRUENING ROCK PROD INC	SERSLAND-SMORSTAD	SE 09 TO97 R07W						
A96048	NIEMANN CONST CO	LOVE #1	NW 30 TO96 R10W						
A96049	NIEMANN CONST CO	LOVE #2	SW 30 TO96 R10W			5	5	1 - 10	L
A96050	BRUENING ROCK PROD INC	BULLERMAN-FESTINA	SE 14 TO96 R09W				4	1 - 3	
A96052	SKYLINE MATERIALS LTD	ESTREM	SW 04 TO97 R07W	DWU	3i	5	5	2 - 4 1 - 8	L L
A96054	SKYLINE MATERIALS LTD	HORSESHOE BEND	SW 20 TO97 R09W						
A96060	SKYLINE MATERIALS LTD	BURR OAK	SE 23 T100 R09W			4	4		
A96064	RIVER CITY STONE	STIKA	NW 15 TO97 R10W	DWU	3i	4	4	1 - 4A 1 - 8B	L D
A96072	BRUENING ROCK PROD INC	MCKENNA NORTH	SW 34 T100 R09W						
A96074	WILTGEN CONST CO	OSSIAN	SW 21 TO96 R08W						
A96078	BRUENING ROCK PROD INC	BUSTA	NW 30 TO96 R10W						
A96082	WILTGEN CONST CO	CROW	SW 17 TO97 R10W						
A96084	WILTGEN CONST CO	YOUNG	SE 28 T100 R08W						
A96090	BRUENING ROCK PROD INC	MCKENNA SOUTH	SE 28 TO99 R09W	2.62	3iB	5	5	1 - 5	L
A96092	WILTGEN CONST CO	HANSON	SE 26 T100 R08W						
A96094	SKYLINE MATERIALS LTD	CAROLAN	SE 27 TO99 R09W						
		SAND & GRAVEL							
A96502	SKYLINE MATERIALS LTD	DECORAH	NE 22 TO98 R08W	2.63		4	4		
A96506	SKYLINE MATERIALS LTD	FREEPORT	NE 07 TO98 R07W	2.65	X				
A96520	SKYLINE MATERIALS LTD	SWEDES BOTTOM	NE 06 TO98 R08W		X	4	4		
A96522	BRUENING ROCK PROD INC	WOHLSEORS	NW 17 TO98 R10W	2.63	X				
A96526	RIVER CITY STONE	STIKA	NW 15 TO98 R08W		H				
A96528	BRUENING ROCK PROD INC	GJETLEY	NE 08 TO98 R07W	DWU	X	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		

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E
						A	B		
97	WOODBURY DIST 3	<u>SAND & GRAVEL</u>							
A97502	HALLETT MATERIALS CO	CORRECTIONVILLE-BUCK	NW 13 TO89 R42W	DWU	3		3 3		
A97510	HALLETT MATERIALS CO	CORRECTIONVILLE-COCKBURN	SE 11 TO88 R43W	DWU		X	3 3		
A97514	HIGMAN S&G	SMITHLAND-PERSINGER	NW 25 TO86 R44W	DWU	2		3 3		
A97516	HALLETT MATERIALS CO	ANTHON	05 TO87 R43W	DWU		X	3 3		
A97518	HALLETT MATERIALS CO	SMITHLAND	35 TO86 R44W	2.72 2.67 2.69 2.67	3	X	3 3		
A97520	HALLETT MATERIALS CO	CORRECTIONVILLE-BREESIE	01 TO88 R43W			H	4 4		
A97526	FLEWELLING S&G	FLEWELLING	NW 10 TO89 R44W	2.67		X			
A97528	HALLETT MATERIALS CO	EDWARDS	SE 23 TO89 R42W	DWU		X			
A97530	NELSTAR	NELSTAR	14 TO88 R43W			H			
A97532	STRATFORD GRAVEL INC	CREASEY	SE 09 TO89 R44W	DWU		X			
A97534	HALLETT MATERIALS CO	ANTHON-TRUITT	05 TO87 R43W			H			
A97536	K & L CONSTRUCTION INC	ALEXSON	SE 28 TO88 R47W						1
98	WORTH DIST 2	<u>CRUSHED STONE</u>							
A98002	MARTIN MARIETTA	HARRIS	SW 29 T100 R20W	DWU	3i		4 4	10	L
				2.73	3B		4 4	6 - 7	L
				2.72	3		4 4	6 - 11	L
				2.72	2		4 4	2 - 11	L
							4 4	2 - 10	L
A98010	BMC AGGREGATES LC	FERTILE	SW 36 TO98 R22W	2.73	3B		4 4	15 - 20	D
				DWU	2		4 4	15 - 29	D
				DWU	2		4 4	22 - 29	D
							4 4	5 - 10	D
							4 4	5 - 14	D
A98014	FALK CONST CO	STEVENS	NW 01 TO98 R20W	DWU	3		4 4	4 - 7	L
				2.77	3		4 4	8 - 11B	L
				2.73	3		4 4	4 - 11B	L
							5	1 - 3	
A98016	ULLAND BROS CONST	EMIL OLSON-BOLTON	SW 10 TO99 R20W	DWU	3i		5 5	1	L
				2.75	2		4 4	2 - 5A	L
							4 4	3 - 5B	D
							4 4	3 - 7	L
							5	1 - 7	
A98020	FALKSTONE	TRENHAILE	W2 NE 09 TO99 R20W	DWU	3		5 5	1	L
				DWU	2		4 4	2A - 2B	D
		<u>SAND & GRAVEL</u>							
A98502	FALKSTONE	RANDALL TRANSIT MIX	NW 31 T100 R20W	DWU	2		4 4		
				2.66		X			
A98504	BMC AGGREGATES LC	FERTILE	NW 36 TO98 R22W				3 3		
				2.63		X			
A98518	FALK CONST CO	COOPER	NE 12 TO98 R20W			H	4		
A98522	ULLAND BROS CONST	EMIL OLSON-BOLTON	SW 10 TO99 R20W			H			
A98524	FALKSTONE	TRENHAILE	W2 NE 09 TO99 R20W	2.64		X			
A98526	FALK CONST CO	MOUW	SE 31 T100 R20W			H			

NOTE 1: GRANULAR BACKFILL ONLY

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT HMA		BEDS	N O T E			
						A	B					
99	WRIGHT	DIST 2	<u>CRUSHED STONE</u>									
A99002	MARTIN MARIETTA		VOSS	36	TO90	R26W	2.59	3i	4 4 5	8 3 - 7	L	
			<u>SAND & GRAVEL</u>									
A99502	WRIGHT MATERIALS		WRIGHT	NW	12	TO93	R24W	2.65 2.63	3	X H	3 3	
A99506	STRATFORD GRAVEL INC		LESHER	SE	26	TO90	R26W					
A99510	STRATFORD GRAVEL INC		MEINEKE	NE	14	TO90	R23W	2.65	X H	H H	4 4	
A99514	MARTIN MARIETTA		VOSS	36	TO90	R26W						
A99518	KNIFE RIVER MIDWEST LLC		REICHTER	SE	06	TO92	R26W					
A99520	KNIFE RIVER MIDWEST LLC		DENNIS PETERSON	NE	15	TO90	R23W					
A99522	STRATFORD GRAVEL INC		LOUX	SW	10	TO91	R23W					
A99524	WRIGHT MATERIALS		STECHE	13	TO93	R23W	2.63	X				
IL	ILLINOIS	DIST 5	<u>CRUSHED STONE</u>									
AIL002	CESSFORD CONST CO		BIGGSVILLE, HENDERSON CO	17	TO10	R04W						
AIL014	CESSFORD CONST CO		DALLAS CITY, HENDERSON CO	SW	36	TO08	R07W	DWU	3i	4 4 4 4 5 5	5A - 6 2 - 3 8 - 10	L, 1 L L
AIL020	GRAY QUARRIES/W L MILLER		HAMILTON, HANCOCK CO	NE	31	TO05	R08W	2.65 DWU DWU	3 3 2	4 4 4 4 5 5	2 4 7	L, 1 L L
AIL040	COOTS MATERIALS CO INC		MONMOUTH, WARREN CO	NW	06	TO11	R02W					
AIL046	BLUFF CITY MINERALS LLC		BLUFF CITY MINERALS, MADISON CO	11	TO05	R10W	DWU	2			1 - 7	L
		DIST 5	<u>SAND & GRAVEL</u>									
AIL526	BLUFF CITY MINERALS LLC		BLUFF CITY SAND, MADISON CO	14	TO05	R10W	2.64	X				
		DIST 6	<u>CRUSHED STONE</u>									
AIL006	RIVERSTONE GROUP INC		MIDWAY (MC 45), ROCK ISLAND CO	SW	16	TO18	R02E	DWU DWU	3iB 3i	4 4	1 - 5 6	D
AIL010	RIVERSTONE GROUP INC		ALLIED (MC 30), ROCK ISLAND CO	14	TO17	R02W	DWU 2.72 2.69	3i 3i 3	4 4 4 4 5 5	4 4	18 16 - 18 7 - 13	D D L
AIL012	MATERIAL SERVICES		OTTAWA-LIGHTWEIGHT									
AIL016	RIVERSTONE GROUP INC		CLEVELAND (MC 31), HENRY CO	SW	31	TO17	R02E	DWU	3i	4 4		D
AIL028	WENDLING QUARRIES INC		TURNBAUGH-MT CARROLL, IL	SW	10	TO24	R04E	DWU	3	4 4	3 - 7	D
AIL042	SAVANNA QUARRY INC		SAVANNA, CARROLL IL	SE	13	TO24	R03E					
AIL044	NW ILLINOIS CONST LLC		GAP GROVE, LEE IL	28	TO22	R08E						
		DIST 6	<u>SAND & GRAVEL</u>									
AIL502	RIVERSTONE GROUP INC		ALBANY (MC@511), ROCK IS CO	SW	34	TO20	R02E	2.65 2.67	3i	X	3 3	
AIL504	RIVERSTONE GROUP INC		BIG ISLAND (MC 51), ROCK IS CO	16	TO17	R02W	2.67 2.67	3	X H	3 3		
AIL508	RIVERSTONE GROUP INC		BARSTOW (MC 52), ROCK IS CO	NE	34	TO18	R01E					
AIL510	NELSON S&G CO		WHITESIDE COUNTY-SAND	SW	29	TO21	R07E					
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 DWU	3i	X X	4 4	
AIL518	WENDLING QUARRIES INC		THOMPSON	SE	02	TO23	R03E	DWU				
AIL520	RIVERSTONE GROUP INC		CORDOVA (MC14@508), ROCK IS	S2	05	TO20	R02E	DWU DWU	3iB	X H		
AIL522	RIVERSTONE GROUP INC		CORDOVA INLAND (MC17), ROCK IS	7,8	TO20	R02E						
AIL524	CJ MATERIALS INC		LYNDON, WHITESIDE CO	SE	20	TO20	R05E					

NOTE 1: AASHTO 57 GRADATION MAXIMUM

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E	
						A	B			
MN	MINNESOTA	DIST 2	CRUSHED STONE							
AMN004	MILESTONE MATERIALS		POOL HILL, HOUSTON CO	SW 33	T101 R04W	DWU	3i	4 4	1 - 8	D
AMN006	SKYLINE MATERIALS LTD		OTTERNESS, FILLMORE CO	E2 11	T101 R08W	2.75	3i	4 4	1 - 2	D
AMN008	NEW ULM QUARTZITE QUARRY		QUARTZITE, NICOLETT CO	SW 35	T110 R31W				5	1
AMN010	MARTIN MARIETTA		ST CLOUD, STEARNS CO		19 T124 R28W			2 2		
AMN014	SKYLINE MATERIALS LTD		BIG SPRINGS, FILLMORE CO	SW 09	T101 R10W				4	1 - 6
AMN018	ULLAND BROS		GRAND MEADOW, MOWER CO	NE 09	T103 R14W					
AMN030	MILESTONE MATERIALS		GENGLER, HOUSTON CO	SW 16	T102 R05W	DWU	3B	4 4	1 - 2	D
AMN034	MILESTONE MATERIALS		ENGRAV, HOUSTON CO	NE 24	T101 R08W	DWU	3i	4 4	1A - 2B	D
AMN044	MILESTONE MATERIALS		BIESANZ, WINONA CO	SW 19	T107 R07W	DWU	3i	4 4	1 - 2	D
AMN046	MILESTONE MATERIALS		43 QUARRY, WINONA CO	NW 16	T106 R07W	DWU	3i	4 4	1 - 2	D
		DIST 2	SAND & GRAVEL							
AMN504	BRUENING ROCK PROD INC		NEW ALBIN, HOUSTON CO		09 T101 R04W			H	4 4	
AMN516	ULLAND BROS		OLSON, FREEBORN CO	NW 31	T102 R20W	DWU		X		
AMN518	SKYLINE MATERIALS LTD		LANESBORO, FILLMORE CO	SE 07	T104 R10W	DWU		X		
AMN522	AGGREGATE INDUSTRIES		PRAIRIE ISLAND #3, GOODHUE CO		23 T114 R15W	DWU	2	H		
AMN524	AGGREGATE INDUSTRIES		HASTING #2, DAKOTA CO		02 T114 R17W			H		
AMN526	NORTHWESTERN AGGR		LAKEVILLE, DAKOTA CO		01 T114 R20W			H		
AMN528	HANCOCK CONCRETE CO		POPE, POPE CO	NW 08	T125 R37W			H		
AMN532	ULLAND BROS		LARSON, FREEBORN CO		25 T102 R21W			H		
AMN536	AGGREGATE INDUSTRIES		ELK RIVER, SHERBURNE CO		9,10 T033 R26W	DWU	2			
						DWU		X		
						DWU		X		
AMN538	ULLAND BROS		SHADE, MOWER CO	NW 04	T101 R18W	DWU		X		
AMN544	AGGREGATE INDUSTRIES		LAKEVILLE, DAKOTA CO		06 T114 R19W	DWU	2	H		
AMN546	M.R. PAVING & EXCAVATION		WALLNER, BROWN CO	NW 24	T110 R30W	DWU		H,L		2
AMN548	CEMSTONE		HENDERSON, SIBLEY CO		23 T013 R26W	DWU	2	H		
AMN550	DAKOTA AGGREGATES		SACHS, DAKOTA CO	W2 24	T114 R19W	DWU	3i		3 3	
						DWU		X		
						DWU		X		
AMN552	EUREKA SAND & GRAVEL		WINDMILL, DAKOTA CO		12 T113 R20W	DWU		X		
AMN554	ANNENDALE ROCK PRODUCTS		ANNENDALE, WRIGHT CO		35 T121 R28W	DWU		X		
AMN558	AGGREGATE INDUSTRIES		ST CROIX, CHISAGO CO	SW 21	T033 R19W	DWU	2			
						DWU		X		
		DIST 3	CRUSHED STONE							
AMN024	MARTIN MARIETTA		YELLOW MEDICINE, YLW MED CO	SW 28	T116 R39W	DWU	3i	2 2		1
AMN026	LG EVERIST INC		BIG STONE, BIG STONE CO		26 T121 R46W	DWU	3i	2 2		
AMN032	SOUTHERN MN CONST CO INC		COTTONWOOD, COTTONWOOD CO	SE 08	T107 R35W	DWU	3i	2 2		
AMN042	DUININCK BROS INC		SCOTT, ROCK CO	NW 14	T104 R45W	DWU	3i	2 2		
AMN048	RED ROCK QUARRY		RED ROCK, COTTONWOOD CO		12 T107 R36W				2 2	
		DIST 3	SAND & GRAVEL							
AMN508	SOUTHERN MN CONST CO INC		HANSON, JACKSON CO	NE 34	T101 R34W			H	4 4	
AMN540	DUININCK BROS INC		SCOTT, ROCK CO		21 T104 R44W			H		

NOTE 1: AGGREGATE TOP SIZE IS LIMITED TO 3/8 INCH FOR USE AS: COVER AGGREGATE (GRADATION NO. 21), FINE AND COARSE SLURRY AGGREGATE (GRADATIONS NO. 22 AND 23), AND AGGREGATE FOR POLYMER-MODIFIED MICROSURFACING.

NOTE 2: APPROVED FOR CLASS L FINE AGGREGATE.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E	
						A	B			
MO	MISSOURI	DIST 4	<u>CRUSHED STONE</u>							
AMO032	SCHILDBERG CONST CO INC	GRAHAM, NODAWAY CO	NW 36 TO63 R37W			4	4	1 - 4	L	
AMO040	S & A CONSTRUCTION	SO ALLENDALE, WORTH CO	NW SW 17 TO65 R30W							
AMO048	NORRIS QUARRIES LLC	BREIT, ANDREWS CO	28 TO59 R35W							
AMO052	NORRIS QUARRIES LLC	GOODEN, NODAWAY CO	31 TO65 R33W							
		DIST 4	<u>SAND AND GRAVEL</u>							
AMO520	PIERCE SAND	STANBERRY, GENTRY CO	15 TO63 R32W	2.65	X					
AMO522	PIERCE SAND	GUILFORD, NODAWAY CO	17 TO62 R34W		H					
		DIST 5	<u>CRUSHED STONE</u>							
AMO002	L&W QUARRIES INC	KAHOKA, CLARK CO	NE 17 TO65 R07W	DWU	2	4	4	2A - 3B	L	
						4	4	14 - 16	L	
AMO012	NORRIS QUARRIES LLC	DR JEFFERIES, HARRISON CO	NW 03 TO66 R26W			5	5	25C-25E	L	
AMO018	NORRIS QUARRIES LLC	ROUTE C, DAVIESS CO	NE 30 TO61 R28W			5	5	2 - 5	L	
AMO024	CENTRAL STONE CO	HUNTINGTON, RALLS CO	NE 17 TO56 R06W	2.68	3i	4	4	6 - 9	L	
				2.68	3	4	4	6 - 11	L	
AMO030	KNOX COUNTY STONE CO	EDINA, KNOX CO	NE 25 TO62 R12W			4	4	1 - 9	L	
						4	4	10 - 17	L	
AMO044	CENTRAL STONE CO	NEW LONDON, RALLS CO	NE 24 TO56 R05W							
AMO046	NORRIS QUARRIES LLC	BETHANY, HARRISON CO	SW 01 TO63 R28W			4	4	20A-20C	L	
						5	5	25A-25E	L, 1	
AMO050	NORRIS QUARRIES LLC	PRINCETON, MERCER CO	N2 03 TO64 R24W			4	4	20A-20C	L	
						5	5	25A-25E	L	
AMO054	CENTRAL STONE CO	BUTLER HILL, ST FRANCOIS CO	05 TO34 R06E			2	2		2	
AMO056	NORRIS QUARRIES LLC	TRENTON, GRUNDY CO	24 TO61 R25W							
		DIST 5	<u>SAND AND GRAVEL</u>							
AMO502	IDEAL SAND CO	WAYLAND, CLARK CO	SW 21 TO65 R06W	2.66	X	3	3			
AMO516	STONER SAND CO	MT MORIAH, HARRISON CO	12 TO64 R26W	2.65	X					
AMO518	CENTRAL STONE CO	TAYLOR, MARION CO	NW 01 TO59 R06W		H					

NOTE 1: LESS THE TOP 4'

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

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E		
						A	B				
NE	NEBRASKA	DIST 4	<u>CRUSHED STONE</u>								
ANE002	MARTIN MARIETTA		WEEPING WATER MINE, CASS CO	03	TO10	R11E	2.68	3iB	5 5	10A- 10B L	
							2.68	3iB	5 5	9-10A&B L, 1	
							2.68	3	5 5	9-10A&B L, 2	
							2.68	2	5 5	9-10A&B L, 3	
ANE004	KERFORD LIMESTONE CO		WEEPING WATER MINE, CASS CO	32	TO11	R11E	2.67	3iB	5 5	10A- 10B L	
							2.67	3iB	5 5	9-10A&B L, 1	
							2.67	3	5 5	9-10A&B L, 2	
							2.67	2	5 5	9-10A&B L, 3	
ANE010	MARTIN MARIETTA		FT CALHOUN, WASHINGTON CO	SE	01	TO17	R12E		4 4	25B- 25C L	
									5 5	25B- 25E L	
									5 5	25E L	
ANE012	MARTIN MARIETTA		SPRINGFIELD, SARPY CO		28	TO13	R12E				
ANE014	WESTERN CONTRACTING CORP		SPLITT, CASS CO	NE	06	TO10	R14E				
		DIST 4	<u>CLASS V AGGREGATE FOR CONCRETE</u>								
ANE502	LYMAN-RICHEY S&G		CULLOM #5, CASS CO	SW	31	TO13	R12E	2.62	3	4 4	
							2.62		X		
ANE504	LYMAN-RICHEY S&G		WATERLOO #40, DOUGLAS CO	SE	19	TO15	R10E	2.62	3	4 4	
							2.62		X		
ANE514	LYMAN-RICHEY S&G		OREAPOLIS #8, CASS CO	SE	36	TO13	R13E	2.62	3	4 4	
							2.62		X		
ANE534	MALLARD S&G		SPRINGFIELD #3, SARPY CO		32	TO13	R12E	2.62	3	4 4	
							2.62		X		
ANE542	LYMAN-RICHEY S&G		PLANT #47, DODGE CO	NW	07	TO17	R09E	2.62	3	4 4	
							2.62		X		
ANE544	MALLARD S&G		VALLEY, DOUGLAS CO	NE	06	TO15	R10E	2.62	3	4 4	
							2.62		X		
ANE546	LYMAN-RICHEY S&G		PLANT #77, HALL CO	NE SW	27	TO11	R09W	2.62		X	
ANE548	MALLARD S&G		PLANT #6, DOUGLAS CO		32	TO15	R10E	2.62	3	4 4	
							2.62		X		
ANE550	LYMAN RICHEY S&G		PLANT #50, SARPY CO		28	29	TO13	R10E	2.62	3	4 4
							2.62		X		
ANE552	MALLARD S&G		PLANT #7, DOUGLAS CO	SW	08	TO15	R10E	2.62		X	
ANE554	LYMAN-RICHEY S&G		PLANT #7, DOUGLAS CO		36	TO16	R09E	2.62	3	4 4	
							2.62		X		
ANE556	LYMAN-RICHEY S&G		CULLOM #3, CASS CO	SW	35	TO13	R12E	2.62	3	4 4	
							2.62		X		
ANE560	LYMAN-RICHEY S&G		PLANT 47B, DODGE CO		06	TO17	R09E	2.62	3	4 4	
							2.62		X		
ANE562	LYMAN-RICHEY S&G		PLANT #51, SARPY CO		20	TO13	R10E	2.62	3	4 4	
							2.62		X		
ANE564	MALLARD S&G		KMG, DOUGLAS CO		15	TO16	R09E	2.62	3	4 4	
							2.62		X		
		DIST 3	<u>SAND & GRAVEL</u>								
ANE538	STALP S&G		WEST POINT, CUMING CO	SE	28	TO22	R06E	2.64		X	

NOTE 1: IF THE COARSE AGGREGATE DOES NOT EXCEED 45% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX AND BED 9 IS LESS THAN 4' THICK AT THE TIME OF PRODUCTION, BED 9 CAN BE INCORPORATED WITH BEDS 10A&B, WITH A DURABILITY CLASS OF 3iB.

NOTE 2: IF THE COARSE AGGREGATE DOES NOT EXCEED 50% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX AND BED 9 IS LESS THAN 4' THICK AT THE TIME OF PRODUCTION, BED 9 CAN BE INCORPORATED WITH BEDS 10A&B, WITH A DURABILITY CLASS OF 3.

NOTE 3: IF THE COARSE AGGREGATE EXCEEDS 50% OF THE TOTAL AGGREGATE IN THE CONCRETE MIX AND BED 9 IS LESS THAN 4' THICK AT THE TIME OF PRODUCTION, BED 9 CAN BE INCORPORATED WITH BEDS 10A&B, WITH A DURABILITY CLASS OF 2.

RECENTLY ACTIVE AGGREGATE SOURCES

CODE	OPERATOR	SOURCE NAME	LOCATION	BULK SSD SpGr	DUR PCC CA FA	FRICT		BEDS	N O T E	
						HMA A B				
SD	SOUTH DAKOTA	DIST 3	<u>CRUSHED STONE</u>							
ASD002	LG EVERIST INC	DELL RAPIDS E. MINNEHAHA CO	SW 10	T104	R49W	2.64	3iB	2 2		
ASD004	CONCRETE MATLS CO	SIoux FALLS QUARTZITE	13	T101	R50W	2.64	3iB	2 2	1	
ASD006	MYRL & ROY'S PAVING INC	EAST SIOUX, MINNEHAHA CO	SE 27	T101	R48W	DWU	3i	2 2	1	
ASD008	SPENCER QUARRIES INC	SPENCER, HANSON CO	24	T103	R57W			2 2		
ASD010	LG EVERIST INC	DELL RAPIDS W. MINNEHAHA CO	NW 16	T104	R49W	2.64	3iB	2 2		
		DIST 3	<u>SAND & GRAVEL</u>							
ASD502	BOYER SAND AND GRAVEL	BOYER, UNION CO	10	TO95	R48W	DWU	2 H	4 4		
ASD508	CONCRETE MATERIALS CO	CANTON, LINCOLN CO	17	TO89	R48W	2.68	X	4 4		
ASD510	CONCRETE MATERIALS CO	MINNEHAHA CO	02	T101	R49W		H			
ASD514	HIGMAN S&G	HUDSON, UNION CO	02	TO95	R48W	DWU	2 H	4 4		
ASD516	HIGMAN S&G	VOLIN, CLAY CO	12	TO94	R54W		H			
ASD518	MYRL & ROY'S PAVING INC	MCVAY, LINCOLN CO	SE 17	TO98	R45W		H	3 3		
ASD520	BOYER SAND AND GRAVEL	BOYER NORTH, UNION CO	NE 01	TO95	R48W		H	3 3		
ASD522	LG EVERIST INC	BROOKINGS, BROOKINGS CO	S2 31	T110	R49W	DWU	X			
ASD524	HIGMAN S&G	SPINK, UNION CO	05	TO93	R50W		H			
ASD526	CONCRETE MATERIALS CO	CORSON, MINNEHAHA CO	23 24	T102	R48W	DWU DWU	2 X			
WI	WISCONSIN	DIST 2	<u>CRUSHED STONE</u>							
AWI022	MILESTONE MATERIALS	KINGS BLUFF, LA CROSSE CO	NE 25	TO18	R08W	DWU DWU	3 2	4 4 4 4	1 - 4 1 - 5	D D, 1
AWI036	MILESTONE MATERIALS	TORK, WOOD CO.	NE SW 01	TO22	R05E					
AWI038	ROCKY MTN ENTERPRISES	ATHEN, MARATHON CO	SE 24	TO30	R04E	DWU	3i	2 2		
AWI040	MILESTONE MATERIALS	JACKSON COUNTY IRON MINE	22	TO21	R03W			2 2		
AWI042	BOON CONSTRUCTION CO	CROSBY	NW SW 13	TO23	R03W			2 2		
AWI044	MILESTONE MATERIALS	SLAMA, CRAWFORD CO	17,18	TO07	R06W	DWU	3i	4 4	3 - 8A	
AWI046	COUNTY MATERIALS CORP	HAHN, VERNON CO	13	TO13	R06W	DWU	3	4 4	2 - 4	
		DIST 2	<u>SAND & GRAVEL</u>							
AWI502	PRAIRIE S&G CO	PRAIRIE DU CHIEN, CRAWFORD CO	24	TO07	R07W	2.67 2.67	3i X	4 4		
AWI506	PRAIRIE S&G CO	KRAMER, CRAWFORD CO	NE 12	TO07	R07W	2.68	X	3 3		
AWI508	PRAIRIE S&G CO	BARN	SE 12	TO07	R07W	2.69	X			
AWI512	MILESTONE MATERIALS	GIBBS	NE 25	TO25	R09W		H			
AWI514	HOLST EXCAVATION	HAGER CITY, PIERCE CO	NE 33	TO25	R18W	DWU DWU	3i X,L	3 3		
AWI518	LYCON INC	BLAU, COLUMBIA CO	02	TO11	R08E		H		2	
AWI522	COUNTY MATERIALS CORP	RIB FALLS PLANT, MARATHON CO	NE 16	TO29	R05W	DWU	X			
AWI524	COUNTY MATERIALS CORP	HAEF, TREMPLEAU CO	SW NE 19	TO18	R08W	DWU 2.66	3i X,L	3 3		
AWI526	HAAS & SONS	MILAS, CLARK CO	NW 03	TO29	R03W	DWU	X		2	
WI	WISCONSIN	DIST 6	<u>CRUSHED STONE</u>							
AWI004	MILESTONE MATERIALS	ROCK SPRINGS, SAUK CO	SW 28	TO12	R05E			2 2		
AWI048	MILESTONE MATERIALS	HOGAN, GRANT CO	23,26	TO01	R02W					
		DIST 6	<u>SAND & GRAVEL</u>							
AWI504	HORSFIELD MATERIALS INC	VOGT FARM, GRANT CO	17	TO90	R03E	2.67 2.67	3i X	3 3		
AWI510	RIVER CITY STONE	KRUG, GRANT CO	SW 17	TO01	R02W	DWU	X			

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

NOTE 2: APPROVED FOR CLASS L FINE AGGREGATE

REVTMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVTMENT CLASS
DISTRICT 1					
A40006	MARTIN MARIETTA	GRAND GEORGE	SW 18 TO89 R25W	3-5 7-9 10-13	D D A, B, C, D, E
A42002	MARTIN MARIETTA	ALDEN	NW 20 TO89 R21W	3	A, B, C, D, E
A42004	GEHRKE QUARRIES INC	GIFFORD	NW 04 TO86 R19W	7-8, 10	A, B, C, D, E
A50002	MARTIN MARIETTA	SULLY	SE 16 TO79 R17W	36-41 42-47	A, B, C, D, E A, B, C, D, E
A64002	MARTIN MARIETTA	FERGUSON	SW 05 TO82 R17W	0-7 1-7 8-17	D A, B, C, D, E A, B, C, D, E
A79002	MARTIN MARIETTA	MALCOM MINE	SE 04 TO80 R15W	10C-13	A, B, C, D, E
A85006	MARTIN MARIETTA	AMES MINE	SW 24 TO84 R24W	26 30-35 47-49	E E A, B, C, D, E
A86002	WENDLING QUARRIES INC	MONTOUR	NW 09 TO83 R06W	8-12 8-20	A, B, C, D, E D
A94002	MARTIN MARIETTA	FORT DODGE MINE	SW 24 TO89 R29W	36-42	A, B, C, D, E
DISTRICT 2					
A03002	BRUENING ROCK PROD INC	WEXFORD	NE 36 TO98 R03W	1B-8	A, B, C, D, E
A03008	BRUENING ROCK PROD INC	MCCABE	06 TO97 R05W	1-6	D
A03014	BRUENING ROCK PROD INC	HAMMEL-BOONIES	SW 02 TO99 R06W	2-4C	A, B, C, D, E
A03038	RIEHM CONST CO INC	RIEHM	SE 07 T100 R04W	1-4	A, B, C, D, E
A03040	BRUENING ROCK PROD INC	DEE	SE 21 TO99 R04W	5A-5D	A, B, C, D, E
A03050	BRUENING ROCK PROD INC	GREEN	NW 16 TO96 R06W	1-3	A, B, C, D, E
A03064	RAINBOW QUARRY LLC	RAINBOW	SE 26 TO97 R05W	FULL FACE	D
A03066	WILTGEN CONST CO	ELSBERN	NW 29 TO97 R06W	2	A, B, C, D, E
A03072	STRONG ROCK AND GRAVEL	STRONG	SE 24 TO99 R04W	1-8	A, B, C, D, E
A07004	BMC AGGREGATES LC	WATERLOO SOUTH	NW 18 TO87 R12W	1-23 17-23	A, B, C, D, E A, B, C, D, E
A07008	BMC AGGREGATES LC	MORGAN	NE 15 TO89 R12W	5	A, B, C, D, E
A07018	BMC AGGREGATES LC	RAYMOND-PESKE	SW 01 TO88 R12W	1B-5 1B-10 6-10 2-10	A, B, C, D, E A, B, C, D, E A, B, C, D, E A, B, C, D, E
A09006	NIEMANN CONST CO	TRIPOLI-PLATTE	SW 36 TO93 R13W	1-4	A, B, C, D, E
A09008	NIEMANN CONST CO	DENVER #2	NE 29 TO91 R13W	2	A, B, C, 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, C, D, E
A17020	MARTIN MARIETTA	MASON CITY	NE 29 TO97 R20W	1-6, 7-9	A, B, C, D, E
A19002	GREENE LIMESTONE CO	TRACY	SE 29 TO94 R11W	9-10	A, B, C, D, E
A19009	GREENE LIMESTONE CO	BOICE	NE 16 TO95 R14W	2-5	D
A22002	BARD-KUHLMAN	TWIN ROCK-SCHRADER	NW 14 TO94 R05W	3-11	A, B, C, D, E
A22004	SKYLINE MATERIALS LTD	BENTE/ELKADER/WATSON	SW 12 TO93 R05W	5-9	A, B, C, D, E
A22008	BARD-KUHLMAN	ANDEREGG	SE 32 TO92 R02W	2-8	A, B, C, D, E
A22010	BARD-KUHLMAN	OSTERDOCK	SE 02 TO91 R03W	3-8	A, B, C, D, E
A22012	BARD-KUHLMAN	SCHMIDT	NE 33 TO91 R01W	2-6	A, B, C, D, E
A22014	SKYLINE MATERIALS LTD	BLUME	NE 09 TO93 R03W	1-12	A, B, C, D, E
A22016	BARD-KUHLMAN	GISLESON	NW 06 TO95 R04W	1-15	A, B, C, D, E
A22020	BARD-KUHLMAN	MUELLER	NE 30 TO94 R03W	1-8	A, B, C, D, E
A22026	BARD-KUHLMAN	DOERRING-LUANA	SE 05 TO95 R05W	3-5	A, B, C, D, E
A22030	BARD-KUHLMAN	EBERHARDT	NW 27 TO93 R05W	1-6	A, B, C, D, E
A22034	BARD-KUHLMAN	KRUSE	NW 17 TO92 R04W	5-12	A, B, C, D, E

REVTMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION			BEDS	REVTMENT CLASS	
<u>DISTRICT 2 (Continued)</u>								
A22038	BARD-KUHLMAN	FASSBINDER	SW	09	TO92	R03W	2-6	A, B, C, D, E
A22040	BARD-KUHLMAN	HARTMAN	NW	29	TO91	R06W	1-4	A, B, C, D, E
A22042	SKYLINE MATERIALS LTD	MORAREND	CT	35	TO92	R03W	1-9	A, B, C, D, E
A22046	BARD-KUHLMAN	JOY SPRINGS-BURRACK	NW	19	TO91	R06W	1-2	A, B, C, D, E
A22048	SKYLINE MATERIALS LTD	TUCKER	SW	18	TO91	R05W	1-3	D
A22060	CROELL REDI MIX	JOHNSON	NW	26	TO93	R04W	2-5	A, B, C, D, E
A22062	CJ MOYNA & SONS	SNY MAGILL	SE	22	TO94	R03W	6-10	A, B, C, D, E
A22070	BRUENING ROCK PROD INC	BERNHARD/GIARD	NW	35	TO95	R04W	1-3	A, B, C, D, E
A22074	RIVER CITY STONE	STRAWBERRY POINT	NE	19	TO91	R06W	1-2	A, B, C, D, E
A22084	CJ MOYNA & SONS	MOYNA		14	TO93	R05W	6-9	A, B, C, D, E
A33002	NIEMANN CONST CO	ELDORADO-JACOBSON	SW	17	TO95	R08W	4-6B	A, B, C, D, E
A33010	WILTGEN CONST CO	VOSHELL	NW	21	TO93	R07W	1-4	A, B, C, D, E
A33018	NIEMANN CONST CO	FAIRBANK	SW	28	TO91	R10W	1-5C	D
							5A-5C	A, B, C, D, E
A33020	NIEMANN CONST CO	YEAROUS	SW	19	TO93	R08W	1-10C	D
A33024	NIEMANN CONST CO	WAUCOMA	NW	25	TO95	R10W	1-TOP 4' BED 5	A, B, C, D, E
A33026	WILTGEN CONST CO	LYNCH	NW	05	TO95	R10W	6-8	A, B, C, D, E
A33032	BRUENING ROCK PROD INC	LANDIS	SE	12	TO93	R08W	1-5	A, B, C, 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, C, D, E
A33038	NIEMANN CONST CO	PAPE	NE	28	TO95	R08W	1-3	A, B, C, D, E
							3-5	A, B, C, D, E
A33044	BRUENING ROCK PROD INC	FAYETTE 93		30	TO93	R08W	FULL FACE	D
A34004	GREENE LIMESTONE CO	MAXON	SE	07	TO94	R17W	4C-19	A, B, C, 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, C, D, E
A35002	MARTIN MARIETTA	DOWS	NE	30	TO91	R22W	1-12	A, B, C, D, E
							1-13	D
A35006	MARTIN MARIETTA	HIBNESS	SE	22	TO91	R20W	1-12A	A, B, C, D, E
A41002	BMC AGGREGATES LC	GARNER NORTH	SE	11	TO95	R24W	6	A, B, C, D, E
A45006	BRUENING ROCK PROD INC	NELSON	NE	33	TO99	R13W	8-9	A, B, C, D, E
A45008	BRUENING ROCK PROD INC	DOTZLER	NE	23	TO99	R12W	7-10A	A, B, C, D, E
A45010	BRUENING ROCK PROD INC	DALEY	NE	11	TO98	R11W	9-10	A, B, C, 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, C, D, E
A76002	MARTIN MARIETTA	GILMORE CITY	NE	36	TO92	R31W	1A-3	A, B, C, D, E
A76004	MARTIN MARIETTA	MOORE	SW	25	TO92	R31W	1A-3	A, B, C, D, E
A96002	SKYLINE MATERIALS LTD	KENDALLVILLE	NE	33	T100	R10W	2-9	A, B, C, D, E
A96004	SKYLINE MATERIALS LTD	HOVEY	SW	28	TO98	R08W	2-6	A, B, C, D, E
A96017	BRUENING ROCK PROD INC	SKYLINE B	CT	10	TO98	R08W	4-11	A, B, C, 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, C, D, E
A96060	SKYLINE MATERIALS LTD	BURR OAK	SE	23	T100	R09W	3-5	A, B, C, D, E
A96064	RIVER CITY STONE	STIKA	NW	15	TO97	R10W	5A-8B	A, B, C, D, E
A96090	BRUENING ROCK PROD INC	MCKENNA SOUTH	SE	28	TO99	R09W	6A-7	A, B, C, D, E
A98002	MARTIN MARIETTA	HARRIS	SW	29	T100	R20W	2-11	A, B, C, D, E
							6-11	A, B, C, D, E
A98010	BMC AGGREGATES LC	FERTILE	SW	36	TO98	R22W	15-20	A, B, C, D, E
A98016	ULLAND BROS	EMIL OLSON-BOLTON	SW	10	TO99	R20W	2-5B	A, B, C, D, E
A98020	FALK CONST CO	TRENHAILE	NE	09	TO99	R20W	2A-2B	A, B, C, D, E
A99002	MARTIN MARIETTA	VOSS		36	TO90	R26W	8	A, B, C, D, E

REVETMENT STONE
SOURCE APPROVAL

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

AMN004	MILESTONE MATERIALS	POOL HILL, HOUSTON CO	SW 33 T101 R04W	1-8	A, B, C, D, E
AMN030	MILESTONE MATERIALS	GENGLER, HOUSTON CO	SW 16 T102 R05W	1-4	A, B, C, D, E
AMN034	MILESTONE MATERIALS	ENGRAV, HOUSTON CO	NW 24 T101 R08W	1A-2B	A, B, C, D, E

DISTRICT 3

AMN024	MARTIN MARIETTA	YELLOW MEDICINE, YELLOW MED	SW 28 T116 R39W	GRANITE	A, B, C, D, E
AMN032	SOUTHERN MN CONST CO INC	COTTONWOOD, COTTONWOOD CO	SE 08 T107 R35W	ENTIRE LEDGE*	A, B, C, D, E
AMN050	LG EVERIST INC	JASPER STONE, ROCK CO	NE 06 T104 R46W		A, B, C, D, E
ASD002	LG EVERIST INC	DELL RAPIDS, MINNEHAHA CO	SW 10 T104 R49W	ENTIRE LEDGE*	A, B, C, D, E
ASD004	CONCRETE MATERIALS CO	SIOUX FALLS QUARTZITE	13 T101 R50W	ENTIRE LEDGE*	A, B, C, D, E
ASD006	MYRL & ROY'S PAVING INC	EAST SIOUX, MINNEHAHA CO	SE 27 T101 R48W	ENTIRE LEDGE*	A, B, C, D, E
ASD008	SPENCER QUARRIES INC	SPENCER, HANSON CO	24 T103 R57W	ENTIRE LEDGE*	A, B, C, 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 T077 R31W	15A-15C	A, B, C, D, E
A01008	SCHILDBERG CONST CO INC	JEFFERSON	NE 17 T077 R31W	25B-25E	D
A02002	SCHILDBERG CONST CO INC	MT ETNA	SW 14 T073 R34W	11-13	D
A02004	SCHILDBERG CONST CO INC	CORNING	10 T071 R34W	3-5	D
A15008	SCHILDBERG CONST CO INC	ATLANTIC MINE	NE 13 T076 R37W	25B-25E 20A-20C	D
A43002	SCHILDBERG CONST CO INC	LOGAN	19 T079 R42W	25B-25E & 3' OF 26	A, B, C, D, E
A43004	BEDROCK SAND & GRAVEL	LOGAN	17 T079 R42W	25B-25E & 3' OF 26	A, B, C, D, E
A61002	SCHILDBERG CONST CO INC	EARLY CHAPEL-DAGGETT	NW 10 T076 R29W	14B	A, B, C, D, E
A61013	SCHILDBERG CONST CO INC	WINTERSET WEST	SW 28 T076 R27W	25B-25C	E
A61024	MARTIN MARIETTA	PENN-DIXIE	SW 32 T076 R27W	TOP 4' OF BED 20A	D, E
A61026	MARTIN MARIETTA	EARLHAM-MASON	SW 16 T077 R28W	TOP 4' OF BED 20A 25B-25C	D, E
A61032	MARTIN MARIETTA	EARLHAM-THRAILKILL	NE 08 T077 R28W	TOP 4' OF BED 20A 20A-20C 25B-25E 25B-25C	D, E A, B, C, D, E A, B, C, D, E D
A61036	SCHILDBERG CONST CO INC	MONARCH CEMENT OF IOWA	NE 08 T077 R28W	25B-25E	A, B, C, D, E
A65006	SCHILDBERG CONST CO INC	MALVERN	SE 31 T072 R41W	ERVINE CREEK	D
A69002	SCHILDBERG CONST CO INC	STENNETT	NE 27 T073 R38W	KERFORD	D
A73004	SCHILDBERG CONST CO INC	SHAMBAUGH	SW 20 T067 R36W	4-6	D
A78002	SCHILDBERG CONST CO INC	CRESCENT	SW 26 T076 R44W	25B-25E 26A-26E 20A-20C, 27A-27B	A, B, C, D, E A, B, C, D, E D
A78006	SCHILDBERG CONST CO INC	MACEDONIA	NE 28 T074 R40W	16	D
A88002	SCHILDBERG CONST CO INC	THAYER	NE 35 T072 R28W	20B 25B-25E	D A, B, C, D, E
AMO040	S&A CONSTRUCTION	SOUTH ALLENDALE, WORTH CO	SW 17 T065 R30W	CAPTAIN CREEK	A, B, C, D, E
ANE002	MARTIN MARIETTA	WEEPING WATER, CASS CO	03 T010 R11E	10A-10B 9-10B	E E
ANE010	MARTIN MARIETTA	FORT CALHOUN, WASHINGTON CO	SE 01 T017 R12E	25B-25E 25B-25C 26A-26E	A, B, C, D, E D A, B, C, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVETMENT CLASS
DISTRICT 5								
A04016	L&W QUARRIES	LEMLEY EAST #5	CT	35	T070	R19W	1-3 6	D A, B, C, D, E
A04018	L&W QUARRIES	CLARKDALE #8	SE	15	T069	R18W	1A 1C 4	D, E A, B, C, D, E D, E
A20002	SCHILDBERG CONST CO INC	OSCEOLA	NW	12	T072	R26W	25A-25E 20A 25B-25C	D A, B, C, D, E A, B, C, D, E
A26004	DOUDS STONE LLC	LEWIS	W2	02	T069	R12W	3-5 6-7 3-7	D D, E D, E
A26006	DOUDS STONE LLC	BROWN	SW	NW	02	T069	R12W 1 3-7	D, E D, E D, E
A27002	SCHILDBERG CONST CO INC	GRAND RIVER	NW	22	T070	R27W	TOP 5.5" OF 25E	D
A27008	SCHILDBERG CONST CO INC	DECATUR	SE	32	T069	R27W	20C 25C	A, B, C, D, E D
A29002	L&W QUARRIES	MEDIAPOLIS	SE	01	T071	R04W	3-7 15-18	A, B, C, D, E A, B, C, D, E
A29008	CESSFORD CONST CO	NELSON	NE	26	T072	R02W	7-14 7-20 15-20 15-24 21-24 25-27	A, B, C, D, E A, B, C, D, E D D A, B, C, D, E D
A29012	CESSFORD CONST CO	GEODE	NE	01	T069	R05W	1-5 9-13 17	D, E D, E A, B, C, D, E
A44008	DOUDS STONE LLC	MT. PLEASANT	SE	36	T071	R06W	9-14 13-14	D, E D, E
A51006	WINN CORP	JEFFERSON	NE	09	T071	R10W	5-8 LOWER 4' OF BED 8	A, B, C, D, E A, B, C, D, E
A54002	DOUDS STONE LLC	KESWICK	NW	21	T077	R12W	10-12 13-15 13-TOP 4' OF 17 BTM 21' OF BED 17	A, B, C, D, E A, B, C, D, E D D
A54004	DOUDS STONE LLC	OLLIE	SW	01	T074	R11W	9-12 9-13 9-18 13-18 19-26, 30-33 27-29 30-37	A, B, C, D, E D A, B, C, D, E A, B, C, D, E D A, B, C, D, E
A54008	DOUDS STONE LLC	HARPER	SE	11	T076	R11W	13-22 32-37 38-40	A, B, C, D, E A, B, C, D, E A, B, C, D, E
A54010	DOUDS STONE LLC	LYLE	NW	13	T074	R13W	36-38 40	A, B, C, D, E A, B, C, D, E
A56002	CESSFORD CONST CO	HAWKEYE	NE	10	T068	R06W	1-21 22-27	D A, B, C, D, E
A56008	CESSFORD CONST CO	DONNELLSON	SE	05	T067	R06W	10-13	A, B, C, D, E
A56016	GREAT RIVER MATERIALS LLC	HERITAGE		26	T069	R04W	3-5 9-11	A, B, C, D, E A, B, C, D, E
A56020	PNB PROCESSORS LLC	PNB PROCESSORS AUGUSTA	NW	25	T069	R04W	0C	A, B, C, D, E
A63002	MARTIN MARIETTA	DURHAM MINE	NE	08	T075	R18W	88-95 95-96	D, E D, E

REVTMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION				BEDS	REVTMENT CLASS
DISTRICT 5 (Continued)								
A63010	BRUENING ROCK PROD INC	S&S	SE	25	TO75	R20W	25 31A-32D	A, B, C, D, E A, B, C, D, E
A89002	DOUDS STONE LLC	DOUDS MINE	SE	25	TO70	R11W	5-13	D, E
A89006	CESSFORD CONST CO	FARMINGTON-COMANCHE	NE	05	TO67	R08W	5-12 14-15 16-17 18-23	D D A, B, C, D, E D
A89008	DOUDS STONE LLC	SELMA-GARDNER	NW	16	TO70	R11W	11 14-21 14-31 22-31	A, B, C, D, E A, B, C, D, E A, B, C, D, E A, B, C, D, E
A92002	DOUDS STONE LLC	WESTCHESTER	NE	19	TO76	R08W	8-9 14-16	A, B, C, D, E A, B, C, D, E
A92008	RIVER PRODUCTS CO	PEPPER-KEOTA FIELD	SW	31	TO76	R09W	2-20 22-28 29-36	D D D
A92014	DOUDS STONE LLC	COPPOCK NORTH	SE	19	TO74	R07W	6-8	A, B, C, D, E
AIL002	CESSFORD CONST CO	BIGGSVILLE, HENDERSON CO		17	TO10	R04W	6-8	A, B, C, D, E
AIL014	CESSFORD CONST CO	DALLAS CITY, HENDERSON CO	SW	36	TO08	R07W	5-6	A, B, C, D, E
AIL020	GRAY QUARRY INC	GRAY, HANCOCK CO	NE	31	TO05	R08W	2	A, B, C, D, E
AMO002	L&W QUARRIES	KAHOKA, CLARK CO	NE	17	TO65	R07W	2A-3B	A, B, C, D, E
AMO012	NORRIS QUARRIES LLC	DR JEFFERIES, HARRISON CO	NW	03	TO66	R26W	25C-25D	D, E
AMO024	CENTRAL STONE	HUNTINGTON, RALLS CO	NE	17	TO56	R06W	6-11	A, B, C, D, E
AMO050	NORRIS QUARRIES LLC	PRINCETON	N2	03	TO64	R24W	20A	A, B, C, D, E
DISTRICT 6								
A06006	WENDLING QUARRIES INC	GARRISON B	NE	33	TO85	R11W	6-TOP 2' OF BED 27 6-36	A, B, C, D, E EROSION
A06012	COOTS MATERIALS CO INC	JABENS	SW	07	TO85	R11W	6-11, 12 20-23	A, B, C, D, E A, B, C, D, E
A06014	WENDLING QUARRIES INC	VINTON-MILROY	S2	10	TO85	R10W	1-7	D
A06016	COOTS MATERIALS CO INC	COOTS	SW	36	TO86	R11W	2A ON DOWN	D
A10002	NIEMANN CONST CO	LAMONT-WESTON	NW	14	TO90	R07W	1-6	A, B, C, D, E
A10004	NIEMANN CONST CO	JESUP-BLOOM	SW	32	TO89	R10W	2-5 2-8	A, B, C, D, E D
A10008	BRUENING ROCK PROD INC	OELWEIN-MISHLER	NW	02	TO90	R09W	4-5	A, B, C, D, E
A10010	NIEMANN CONST CO	HAZELTON	NW	11	TO90	R09W	4A-4D	A, B, C, D, E
A10016	NIEMANN CONST CO	OELWEIN #2	SE	03	TO90	R09W	13-17	A, B, C, D, E
A10022	BRUENING ROCK PROD INC	BROOKS	NW	02	TO88	R09W	4-5	EROSION
A10024	NIEMANN CONST CO	RASMUSSEN #2	SE	21	TO88	R08W	1-6 + QUARRY FLR	D
A10030	NIEMANN CONST CO	SOUTH AURORA	NW	19	TO90	R07W	1-3	A, B, C, D, E
A16004	WENDLING QUARRIES INC	LOWDEN-SCHNECKLOTH	NW	04	TO81	R01W	1-4	A, B, C, D, E
A16006	WENDLING QUARRIES INC	STONEMILL	SE	14	TO80	R03W	4A-4D	A, B, C, D, E
A16010	WENDLING QUARRIES INC	PEDEN	NE	10	TO79	R03W	1-3	D, EROSION
A16012	WEBER STONE CO	ONION GROVE	SE	14	TO82	R02W	1-7	A, B, C, D, E
A16014	WENDLING QUARRIES INC	TOWNSEND	NW	02	TO79	R02W	2-10	A, B, C, D, E
A16022	WENDLING QUARRIES INC	TRICON	N2	09	TO82	R04W	1	A, B, C, D, E
A23002	PRESTON READY MIX	ELWOOD-YEAGER	NW	08	TO83	R02E	1-2	A, B, C, D, E
A23004	WENDLING QUARRIES INC	BEHR	SW	02	TO81	R03E	1-2	A, B, C, D, E
A23006	WENDLING QUARRIES INC	SHAFFTON	NE	11	TO80	R05E	16-21 3-14	A, B, C, D, E D, EROSION
A23010	WENDLING QUARRIES INC	GOOSE LAKE	SW	22	TO83	R05E	2-4	E
A23012	WENDLING QUARRIES INC	TEEDS GROVE	SW	03	TO83	R06E	2-4	A, B, C, D, E
A23016	WENDLING QUARRIES INC	LYONS	NW	18	TO82	R07E	UPPER OR LOWER LEDGE	E

REVETMENT STONE
 SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVETMENT CLASS
DISTRICT 6 (Continued)					
A28008	BARD-KUHLMAN	EDGEWOOD WEST	CT 04 TO90 R05W	2-7	A, B, C, D, E
A28014	BARD-KUHLMAN	LOGAN	SW 10 TO88 R05W	2-8	A, B, C, D, E
A28016	BARD-KUHLMAN	WHITE	NW 02 TO88 R04W	1-2	A, B, C, D, E
A28020	BARD CONCRETE	DEUTMEYER	SW 13 TO88 R03W	1-6	A, B, D
A28030	BARD-KUHLMAN	GRIEF	NE 18 TO87 R03W	1-2	A, B, C, D, E
A28038	BARD-KUHLMAN	KUHLMAN	NW 06 TO90 R04W	1B-5 2-6	A, B, C, 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
A28056	RIVER CITY STONE	THORPE	NW 33 TO90 R05W	FULL FACE	A, B, C, D, E
A28058	RIVER CITY STONE	ROSSOW/MANCHESTER	NW 16 TO88 R05W	2-8	A, B, C, D, E
A31002	RIVER CITY STONE	ROSE SPUR	27 TO90 R02E	1-8	A, B, C, D, E
A31006	BARD-KUHLMAN	DYERSVILLE-SUNDHEIM	SE 32 TO89 R02W	5-12	A, B, C, 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, C, 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, C, D, E
A31026	WENDLING QUARRIES INC	ARNSDORF	SE 25 TO87 R02E	1-2	A, B, C, D, E
A31028	RIVER CITY STONE	THOLE	NW 21 TO87 R02E	2-3 3	A, B D, E
A31030	RIVER CITY STONE	KEMP	NE 09 TO89 R01W	FULL FACE	A, B, C, D, E
A31036	RIVER CITY STONE	BALLTOWN	SE 05 TO90 R01E	1-7	A, B, C, D, E
A31040	RIVER CITY STONE	KENNEDY	NW 03 TO88 R01W	FULL FACE	A, B, C, D, E
A31046	WENDLING QUARRIES INC	DECKER	SE 24 TO87 R02E	2-5	A, B, C, 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, C, 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, C, 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, C, 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, C, D, E
A49004	BELLEVUE S & G CO	LAMOTT	NW 02 TO86 R03E	1-2	A, B, C, D, E
A49008	WENDLING QUARRIES INC	IRON HILL	SW 16 TO85 R02E	1-6	A, B, C, D, E
A49010	WENDLING QUARRIES INC	ANDREW	NW 21 TO85 R03E	1B-5B	A, B, C, D, E
A49012	WENDLING QUARRIES INC	FROST	SE 16 TO84 R03E	1A-1E	A, B, C, D, E
A49016	WENDLING QUARRIES INC	WEIS	SE 22 TO85 R04E	7	A, B, C, D, E
A49018	WENDLING QUARRIES INC	PATASKA	NW 23 TO85 R05E	1	A, B, C, D, E

REVETMENT STONE
SOURCE APPROVAL

CODE	OPERATOR	SOURCE NAME	LOCATION	BEDS	REVETMENT CLASS
DISTRICT 6 (Continued)					
A49020	WENDLING QUARRIES INC	PRESTON	SW 26 TO84 R05E	1-10 7-10	D, E A, B, C, D, E
A49021	PRESTON READY MIX	PRESTON R/M	SW 26 TO84 R05E	7-10	A, B, C, D, E
A49022	WENDLING QUARRIES INC	BELLEVUE	SE 23 TO86 R04E	1B-3	A, B, C, D, E
A49024	WENDLING QUARRIES INC	MAQUOKETA EAST	SW 07 TO84 R03E	1-8	A, B, C, D, E
A49040	WENDLING QUARRIES INC	JOINERVILLE	SE 20 TO84 R02E	1-3	A, B, C, D, E
A49060	BELLEVUE S & G CO	ST. DONATUS	18 TO87 R03E	2-3	A, B, C, D, E
A49064	BELLEVUE S & G CO	VEACH	01 TO85 R02E	1-3	A, B, C, D, E
A49066	BELLEVUE S & G CO	MOREHEAD	NW 13 TO85 R01E	1-2	A, B, C, D, E
A52002	WENDLING QUARRIES INC	FOUR COUNTY	NW 04 TO81 R08W	9-16	D
A52004	RIVER PRODUCTS CO	CONKLIN	NW 33 TO80 R06W	2-10 23	E E
A52006	RIVER PRODUCTS CO	KLEIN	NW 02 TO79 R07W	2-10 23	E E
A53002	BARD CONCRETE	FARMERS-BEHREND'S	NE 14 TO86 R03W	1-5	A, B, C, D, E
A53004	WENDLING QUARRIES INC	MONTICELLO	NE 24 TO86 R04W	FULL FACE	A, B, C, D, E
A53010	WENDLING QUARRIES INC	BALLOU-OLIN	NE 24 TO83 R03W	FULL FACE	A, B, C, D, E
A53012	WENDLING QUARRIES INC	WYOMING	33 TO84 R01W	1-2C	A, B, C, D, E
A53014	WEBER STONE CO	JACOBS-SCOTCH GROVE	SW 07 TO85 R02W	FULL FACE	A, B, C, D, E
A53016	WEBER STONE CO	STONE CITY	E2 06 TO84 R04W	1, 3	A, B, C, D, E
A53018	RIVER CITY STONE	FINN	NE 06 TO85 R01W	2-5 FULL FACE 4-5	A, B, E D E
A53024	RIVER CITY STONE	SULLIVAN	NW 14 TO86 R03W	FULL FACE	A, B, C, D, E
A53026	RIVER CITY STONE	ANAMOSA	SW 15 TO84 R04W	REEF MATERIAL	A, B, C, D, E
A57002	WENDLING QUARRIES INC	BETENBENDER-COGGON	SW 03 TO86 R06W	1-10	A, B, C, 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, C, 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, C, D, E
A57028	WENDLING QUARRIES INC	BEVERLY	NW 07 TO82 R07W	6-7 1-7	A, B, E 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 21A-24 1-9 8-17	D, E A, B, C, D, E EROSION EROSION
A82002	RIVERSTONE GROUP INC	MCCAUSLAND	W2 17 TO80 R04E	1-19*	A, B, C, D, E
A82004	RIVERSTONE GROUP INC	NEW LIBERTY	NE 33 TO80 R01E	1-2, 3-4	A, B, C, D, E
A82006	RIVERSTONE GROUP INC	LECLAIRE	NW 35 TO79 R05E	2-32 2-13 14-29	A, B, C, D, E A, B, C, D, E A, B, C, D, E
AIL006	RIVERSTONE GROUP INC	MIDWAY (MC 45), ROCK IS CO	SW 16 TO18 R02E	1-10	A, B, C, D, E
AIL010	RIVERSTONE GROUP INC	ALLIED (MC 30), ROCK ISLAND CO	14 TO17 R02W	7-13, 14, 16-18	A, B, C, D, E
AIL016	RIVERSTONE GROUP INC	CLEVELAND (MC 31), HENRY CO	SW 31 TO17 R02E	1-4, 5, 6, 7, 8	A, B, C, D, E

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

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
A			
A-LINE CRUSHING SERVICE	1025 CENTER STREET	CEDAR FALLS, IA 50613	319-277-3001
ACME FUEL & MATERIALS CO	2544 PETTIBONE AVENUE	MUSCATINE, IA 52761	563-263-1105
AGGREGATE INDUSTRIES	2915 WATERS ROAD STE 105	EAGAN, MN 55121	651-686-2302
AGGREGATE MATERIALS CO	1400 E 12 TH STREET	DUBUQUE, IA 52001	563-583-6642
AGGREGATES INC	6101 BLAIRS FERRY ROAD NE	CEDAR RAPIDS, IA 52411	319-395-0050
ALLIANCE MATERIALS INC	1822 WOLVERINE RD	DIXON, IL 61021	815-284-2130
ANDERSON SAND & GRAVEL CO	2578 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)
BARD-KUHLMAN	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)
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 563-382-8375 (FAX)
/SKYLINE CONSTRUCTION			
BUILDERS SAND & CEMENT CO	104 WESTERN AVENUE	DAVENPORT, IA 52801	563-322-1757
C			
C.A.P RECYLCING	3150 LEWISTON ST	SIOUX CITY, IA 51105	712-870-0243
C. J. MOYNA & SONS INC	24412 HWY 13	ELKADER, IA 52043	563-245-1442
CANTERA AGGREGATES	1847 100 TH STREET	CORYDON, IA 50060	641-216-3526
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	1710 EAST MAIN ST	MARSHALLTOWN, IA 50158	641-752-3696
CONCRETE MATERIALS CO	1201 WEST RUSSELL	SIOUX FALLS, SD 57104	605-357-6000
CONRECO INC	4901 G STREET	OMAHA, NE 68117	402-733-4100 402-733-5774 (FAX)
COOTS MATERIALS CO INC	1700 WEST D STREET	VINTON, IA 52349	319-472-3046 319-472-4485 (FAX)

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
C			
CORELL RECYCLING	200 SOUTH 13 TH STREET	WEST DES MOINES, IA 50265	515-223-8010
COUNTY MATERIALS CORP	205 NORTH ST-POB 100	MARATHON, WI 54448	715-848-1365
CRAWFORD QUARRY CO	HWY 94 NW-POB 1027	CEDAR RAPIDS, IA 52406	319-396-5705
CROELL REDI MIX	POB 430	NEW HAMPTON, IA 50659	641-394-3770
CRUSHED AGGREGATE PRODUCTS	1720 E AVE	RED OAK, IA 51566	712-579-5062
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
DES MOINES ASPHALT & PAVING	5109 NW BEAVER DRIVE	JOHNSTON, IA50131	515-262-8296
DOUDS STONE LLC	13133 ANGLE RD SUITE B-POB 187	OTTUMWA, IA 52501	641-683-1671
			641-683-1673 (FAX)
DUININCK BROS INC	408 6 TH ST-POB 208	PRINSBURG, MN 56281	320-978-6011
E			
ELDER CORPORATION	5088 EAST UNIVERSITY AVE	DES MOINES, IA 50327	515-266-3111
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)
GEO TECH MATERIALS	13091 EAGLE DRIVE	DOUDS, IA 52551	
GRAY QUARRIES INC	POB 386	HAMILTON, IL 62341	217-847-2712
GREAT RIVER MATERIALS, LLC	1444 320 TH AVE	WEVER, IA 52658	319-528-4065
			319-528-4063 (FAX)
GREENE LIMESTONE CO	1211 SOUTH MAIN ST-POB 687	CHARLES CITY, IA 50616	641-228-4255
			641-228-4061 (Shop)
GRIMES ASPHALT AND PAVING	1001 SE 37 TH ST-POB 139	GRIMES, IA 50111	515-986-3649
H			
HAHN READY MIX	POB 1107	MUSCATINE, IA 52761	563-263-6467
HALLETT MATERIALS CO	5550 NE 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)
HARSCO METALS	1770 BILL SHARP BLVD, GATE 4	MUSCATINE, IA 52761	563-506-0634
HAWKEYE PAVING CORPORATION	801 42 ND STREET S	BETTENDORF, IA 52722	563-355-6299
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

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
I			
IDEAL SAND CO IOWA DRAINAGE INC	3902 MT PLEASANT ST-POB 416 703 E. GILMAN ST- POB 7	WEST BURLINGTON, IA 52655 SHEFFIELD, IA 50475	319-754-4747 641-892-4330
K			
K&L CONSTRUCTION INC KERFORD LIMESTONE CO KNIFE RIVER MIDWEST LLC	501 S. RIDGE ROAD 36110 FLETCHER ST 600 HIGHWAY 175-P.O. BOX 229	SERGEANT BLUFF, IA 51054 WEeping WATER, NE 68463 STRATFORD, IA 50249	712-943-2939 402-267-2415 515-838-2475
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 COMMERCIAL ENTERPRISES MARTIN MARIETTA AGGREGATES	1928 340 TH STREET-POB 87 POB 121 11252 AURORA AVENUE	TAMA, IA 52339 MARENGO, IA 52301-0121 DAVENPORT, IA 52807 DES MOINES, IA 50322	641-484-4022 319-642-3811 563-529-2223 515-254-0030 800-332-5433 (T-F) 515-254-0035 (FAX)
MASS CUSTOM HAULING & CRUSHING MATX INC MCALISTER AGGREGATES LLC	1207 W. 10 TH ST. 110 CLUBRIDGE PLACE 1924 HWY 141- POB 157	MILAN, IL 61264 COLORADO SPRINGS, CO 80906 BAYARD, IA 50029	309-756-0217 800-642-6653 712-651-2018 (FAX)
MELLER EXCAVATING & ASPHALT MIELKE'S QUARRY MILESTONE MATERIALS	3321 190 TH STREET 13303 SPOOK CAVE RD 920 10 TH AVE NORTH-POB 189	FORT MADISON, IA 52627 MCGREGOR, IA 52157 ONALASKA, WI 54650	319-372-7410 563-539-4227 608-783-6411 608-783-4311 (FAX)
MOBILE CRUSHING & RECYCLING MOHR SAND, GRAVEL & CONST. LLC M.R. PAVING AND EXCAVATION MURPHY HEAVY CONTRACTING CORP MYRL & ROY'S PAVING INC	2663 OSCEOLA AVENUE POB 232, 104 ASH STREET 2020 NORTH SPRING ST- POB 787 101 ROOSEVELT ST 1300 NORTH BAHNSON AVENUE	OTHO, IA 50569 LOHRVILLE, IA 51453 NEW ULM, MN 56073 ANITA, IA 50020 SIOUX FALLS, SD 57103	515-576-8080 712-210-7078 507-354-4171 712-762-3386 605-334-3204 605-334-0468 (FAX)

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PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
N			
NELSTAR NEW ULM QUARTZITE QUARRY	210 WALNUT ROUTE 5-POB 21	MERIDEN, IA 51037 NEW ULM, MN 56073	712-443-8832 507-354-2925 507-359-7870 (FAX)
NORRIS QUARRIES LLC NORTHERN CON-AGG, LLP NORTH IA SAND & GRAVEL INC	219 3 RD ST-POB 190 1450 131 ST STREET 18237 KILLDEER AVENUE	CAMERON, MO 64429 LIVERNE, MN 56156 MASON CITY, IA 50401	816-324-0310 507-283-2124 641-424-5591 641-423-1894 (FAX)
NORTHWEST ILLINOIS CONST LLC NORTHWEST MATERIALS NORTHWEST R/M CONCRETE INC NU AGGREGATES	1600 REGAN RD 16 NORTH TAFT-POB 632 6340 180 TH STREET 300 NORKA DRIVE	ROCK FALLS, IL 61071 FORT DODGE, IA 50501 OCHEYEDAN, IA 51354 AKRON, IA 51001	815-626-5192 515-573-8921 712-758-3683 712-568-2181
O			
ORTONVILLE STONE CO	POB 67	ORTONVILLE, MN 56278	320-839-6131
P			
PATRICK M. PINNEY CONTRACTORS PAUL NIEMANN CONST CO	1915 FLOYD BLVD-POB 5107 24541 150 TH STREET-POB 128	SIOUX CITY, IA 51102 SUMNER, IA 50674-0128	712-252-2774 563-578-3261 563-578-3263 (FAX)
PBI CONST PELLA CONST CO LTD PERSINGER SAND & GRAVEL PERU QUARRY PETERSON CONTRACTORS INC PETTENGILL CONC & GRAVEL INC PNB PROCESSORS, LLC PRAIRIE SAND & GRAVEL PRESTON READY MIX CORP	4953 D AVE POB 25 3281 LUCAS AVENUE 2587 265 TH ST 104 BLACKHAWK-POB A 800 NORTH BOONE POB 80 POB 210 POB 399	MARCUS, IA 51035 PELLA, IA 50219 SMITHLAND, IA 51056 PERU, IA 50222 REINBECK, IA 50669 ROCK RAPIDS, IA 51246 DENMARK, IA 52624 PRAIRIE DU CHIEN, WI 53821 PRESTON, IA 52069	712-376-4886 641-628-3840 712-889-2258 515-468-0315 319-345-2713 712-472-2571 319-470-0050 608-326-6471 563-689-3381
Q			
QUALITY CONCRETE CO	327 17 TH AVENUE SOUTH	CLINTON, IA 52732	563-242-3524
R			
RAINBOW QUARRY LLC RECYCLED AGGREGATE PROD CO REDINGS GRAVEL & EXCAVATING CO RED ROCK QUARRY REILLY CONSTRUCTION CO	800 VOLNEY RD 2131 18 TH STREET 2001 EAST OAK STREET 12226 KNOX AVE. 110 MAIN STREET-POB 99	MONONA, IA 52159 SIOUX CITY, IA 51105 ALGONA, IA 50511 SANBORN, MN 56083 OSSIAN, IA 52161	563-535-7606 712-252-7732 515-295-3661 507-648-3382 563-532-9211 563-532-9759 (FAX)
RIEHM CONSTRUCTION CO INC RIVER CITY STONE RIVER PRODUCTS CO INC	2340 9 TH STREET SW 3747 CONSTRUCTORS COURT-POB 160 3273 DUBUQUE ST NE- POB 2120	WAUKON, IA 52172 KEILER, WI 53812-0160 IOWA CITY, IA 52244-2120	563-568-3314 608-568-3433 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 ROCKY MOUNTAIN ENTERPRISES	214 E. MAIN ST-POB 217 6515 COUNTY HIGHWAY H	WEST BRANCH, IA 52358 ATHENS, WI 54411	319-631-3903 715-257-1440 715-257-1140 (FAX)

APPROVED PRODUCERS
WITH QC PROGRAMS

PRODUCER	STREET ADDRESS	CITY, STATE, ZIP	PHONE/FAX NUMBER
S			
S&A CONSTRUCTION LTD	POB 20	ALLENDALE, MO 64420	660-786-2233
S&G MATERIALS	4213 SAND ROAD SE	IOWA CITY, IA 52240	319-354-1667
SAVANNA QUARRY, INC	9859 SCENIC BLUFF ROAD	SAVANNA, IL 61074	815-273-4208
SCHILDBERG CONSTRUCTION CO	POB 358	GREENFIELD, IA 50849	641-743-2131
SCHMILLEN CONST INC	4772 C AVENUE	MARCUS, IA 51035-0488	712-376-2249
SHIPLEY CONTRACTING	2671 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	33463 EAST 250TH	RIDGEWAY, MO 64481	660-824-4211
STRATFORD GRAVEL INC	3378 XAVIER AVE	DAYTON, IA 50530	515-571-3133
STRONG ROCK & GRAVEL	721 SOUTH FRONT ST	LANSING, IA 52151	563-538-4603
SWAIN CONSTRUCTION INC	6002 NORTH 89 TH CIRCLE	OMAHA, NE 68134	402-571-1110
SWAN ROCK & SAND PRODUCTS, LLC	POB 111	CINCINNATI, IA 52549	641-658-2474 641-777-1233 (CELL)
T			
TIEFENTHALER AG-LIME INC	11975 HAWTHORNE AVENUE-POB 157	BREDA, IA 51436	712-673-2686
TRI CITY BLACKTOP	425 S. DEVILS GLEN RD	BETTENDORF, IA	563-359-3491
TRISTAR QUARRIES	11278 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
UNITED CONTRACTORS, INC	6678 NW 62ND AVE – P.O. BOX 347	JOHNSTON, IA 50131	515-276-6162
V			
VALLEY SAND & GRAVEL	POB 9	ROCK VALLEY, IA 51247	712-476-2063
W			
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)
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
WETHERELL SAND & GRAVEL	POB 37	PETERSON, IA 51047	712-260-8556
WILTGEN CONSTRUCTION CO	113 EAST MAIN STREET-POB 817	CALMAR, IA 52132	563-562-3301 800-365-3301 (T-F)
WINN CORP SAND & GRAVEL	2334 JUNIPER AVENUE	FAIRFIELD, IA 52556	641-693-3333
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