

## APPROVED MANUFACTURERS

The materials in this section may be accepted for use on Michigan Department of Transportation projects on the basis of certification from the suppliers listed under specific materials.

This Approved Manufacturers List is in accordance with the 2003 Standard Specifications for Construction.

See also Section C 1 of the Materials Quality Assurance Procedures Manual.

## APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<b>901</b> Cement	Buzzi Unicem USA, formerly Lonestar Continental Cement Company ESSROC Canada, Inc. ESSROC Materials, Inc.  Holcim (US) Inc., Dundee Cement Co. Holcim (US) Inc., St. Genevieve Plant Holcim Inc., St. Lawrence Cement Co. Illinois Cement Company LaFarge North America LaFarge North America LeHigh St. Marys/Blue Circle Cement, Great Lakes Region St. Marys/Blue Circle Cement, Great Lakes Region St. Marys/Blue Circle Cement, Great Lakes Region St. Marys Cement Inc. (US)	Greencastle, IN Hannibal, MO Ontario, Canada Essexville, MI, Logansport, IN, and Martinsburg, WV Dundee, MI Bloomsdale, MO Mississauga, Ontario, Canada LaSalle, IL Alpena, MI, and Paulding, OH Bath, Ontario, Canada Mitchell, IN Detroit, MI Bowmanville, Ontario, Canada St. Mary's, Ontario, Canada Charlevoix, MI (Distributed to Detroit, Ferrisburg, and Green Bay)
<b>901.06</b> Ground Granulated Blast Furnace Slag (GGBFS)	Holcim Inc. Lafarge North America Lafarge North America St. Marys/Blue Circle Cement St. Marys/Blue Circle Cement	Chicago, IL South Chicago, IL Stoney Creek, Ontario, Canada Detroit, MI, and Sparrows Point, MD Bowmanville, Ontario, Canada

## APPROVED MANUFACTURERS

Spec. # and Material Name	Distributor	Producer	Class	Source or Plant Location
<b>901.07</b> Pozzolanic Admixtures (Fly Ash) for Concrete	Fly Ash Direct	Zimmer Power Plant	F	Moscow, OH
	Fly Ash Direct	Miami Fort	F	Miami Fort Unit 7, North Bend, OH
	Fly Ash Direct	Miami Fort	F	Miami Fort Unit 8, North Bend, OH
	Fly Ash Direct	Reliant Energy	F	Avon Lake Unit 9, Cleveland, OH
	Headwaters Resources	Alliant Utilities	C	Ottumawa Power Plant, Chillicothe, IA
	Headwaters Resources	Alliant Utilities	C	Burlington Power Plant, Burlington, IA
	Headwaters Resources	Centerion Energy	C	Bayshore Plant, Oregon, OH
	Headwaters Resources	Cleveland Electric Illuminating Co.	F	East Lake Unit #5, Cleveland, OH
	Headwaters Resources	Consumers Energy	C	Campbell Unit #1, West Olive, MI
	Headwaters Resources	Eckert Power Plant	C	Lansing Board Water & Light, Lansing, MI
	Headwaters Resources	Erickson Power Plant	C	Lansing Board Water & Light, Lansing, MI
	Headwaters Resources	First Energy's Ashtabula Plant	C	Ashtabula, OH
	Headwaters Resources	First Energy's Sammis Plant	F	Sammis Power Station, Stratton, OH
	Headwaters Resources	Interstate Power	C	Lansing Power Plant, Lansing, IA
	Headwaters Resources	Mid American Energy's	C	Port Neal #2, Sioux City, IA
	Headwaters Resources	Mid American Energy's	C	Port Neal #3, Sioux City, IA
	Headwaters Resources	Mid American Energy's	C	Port Neal #4, Sioux City, IA
	Headwaters Resources	Mid American Energy's	C	Louisa Power Plant, Muscatine, IA
	Headwaters Resources	Mid American Energy's	C	Council Bluff's Plant, Council Bluffs, IA
	Headwaters Resources	Monroe Power Plant	F	Monroe, Michigan
	Headwaters Resources	N. Indiana Public Service Co.	C	Schafer Station, Unit 15, Wheatfield, IN
	Holcim (US) Inc.	Detroit Edison	C	Bell River Unit #1, St. Clair, MI
	Holcim (US) Inc.	Detroit Edison	C	Bell River Unit #2, St. Clair, MI
	LaFarge North America	American Electric, Power Service Corp.	C	Rockport Station #1, Rockport, IN
	LaFarge North America	American Electric, Power Service Corp.	C	Rockport Station #2, Rockport, IN
	LaFarge North America	Commonwealth Edison Company	C	Joliet Station, Joliet, IL
	LaFarge North America	Commonwealth Edison Company	C	Will Co. Plant, Romeoville, IL
	LaFarge North America	Midwest Power	C	Crawford, Lockport, IL
	LaFarge North America	Wisconsin Power & Light Co.	C	Columbia Unit #1, Portage, WI
	LaFarge North America	Wisconsin Power & Light Co.	C	Columbia Unit #2, Portage, WI
	LaFarge North America	Wisconsin Power & Light Co.	C	Edgewater Sta. Unit 5, Sheboygan, WI
	LaFarge North America	Wisconsin Power & Light Co.	C	Pleasant Prairie, Kenosha, WI
	LaFarge North America	Wisconsin Power & Light Co.	C	Weston #1 Wausau, WI
	LaFarge North America	Wisconsin Power & Light Co.	C	Weston #2 Wausau, WI
	LaFarge North America	Wisconsin Power & Light Co.	C	Weston #3, Wausau, WI
	LaFarge North America	Wisconsin Public Service	C	Pulliam Steam Plant, Green Bay, WI
	LaFarge North America	Presque Isle Power Plant	C	Presque Isle, Marquette, MI
	Mineral Resource Technologies, LLC	Rush Island Power Plant	C	Rush Island, Festua, MO
	Mineral Resource Technologies, LLC	Labadie Power Plant	C	Silo C&D, Labadie, MO

**PREQUALIFIED AGGREGATE SOURCES, APPROVED MANUFACTURERS**

Spec. # and Material Name	Producer	Name	A.S.I. #	Aggregates
<b>902</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	I-75 Aggregates, Inc.	Grange Hall Road	63-119	2NS
	Aggregate Industries	Sweet #2	03-065	All MDOT Aggregate Materials
		Voss	03-079	All MDOT Aggregate Materials
		Wilson	03-088	All MDOT Aggregate Materials
		Matherson	03-091	All MDOT Aggregate Materials
		Buskirk	03-101	All MDOT Aggregate Materials
		Wahmoff	03-102	All MDOT Aggregate Materials
		Czarnecki	03-107	All MDOT Aggregate Materials
		Vliek	08-089	All MDOT Aggregate Materials
		Leeks	08-093	All MDOT Aggregate Materials
		Smith #2	13-091	All MDOT Aggregate Materials
		Edwardsburg	14-026	All MDOT Aggregate Materials
		Hover	14-069	All MDOT Aggregate Materials
Klump	38-046	All MDOT Aggregate Materials		
Bennett #1	39-007	All MDOT Aggregate Materials		
Bennett #2	39-042	All MDOT Aggregate Materials		
Thornapple	39-078	21AA, 22A, 23A, 4G, Class II		
Holcim	58-006	All MDOT Aggregate Materials		
Pickitt	80-009	All MDOT Aggregate Materials		
Pickitt & Schreur	80-042	All MDOT Aggregate Materials		
Aggregate Resources	Gun River	03-106	All MDOT Aggregate Materials	
	Quincy	12-037	All MDOT Aggregate Materials	
	Wahl #1	38-066	20AA, 22A, 23A, all granular materials	
	Hart	38-100	2NS, 21AA, 22A, 23A, 34R, all granular materials, 6A (except coarse aggregates for concrete applications)	
	Verhage	39-056	All MDOT Aggregate Materials	
	Pettiford	39-064	All MDOT Aggregate Materials	
	Galesburg	39-069	All MDOT Aggregate Materials	
	4 <sup>th</sup> Street	39-073	All MDOT Aggregate Materials	
American Aggregate, Inc.	Kiell	11-084	2NS, Class II	
Barrett of Michigan, Inc.	Whittaker & Gooding #7	38-056	All MDOT Aggregate Materials	
	Whittaker & Gooding #8	38-069	All MDOT Aggregate Materials	
	Hains	44-008	All MDOT Aggregate Materials	
	Attica Aggregate Corp.	44-053	All MDOT Aggregate Materials	
	Peckins	81-008	All MDOT Aggregate Materials	
	Pleasant Hills	81-084	All MDOT Aggregate Materials	
Essroc	93-036	All MDOT Aggregate Materials		
Bay Aggregates, Inc.	Bay City	Dock	All MDOT Aggregate Materials	
Bechtel Sand and Gravel, L.L.C.	Bechtel Pit	44-030	2NS	
Blue Water Aggregates Co.	Marysville	Dock	All MDOT Aggregate Materials	
Bolen Asphalt Paving, Inc.	DNR 205	01-044	22A, 23A	
	Klein #2	04-042	22A, 23A	
	Bolen #1	04-060	22A, 23A, 2NS	

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Spec. # and Material Name	Producer	Name	A.S.I. #	Aggregates
<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Brewers City Dock, Inc.	Holland Grigsby Hughes Hill Road	Dock 03-045 03-062 03-109	All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials
	Bunting Sand & Gravel Products, Inc.	Ewing	65-046	6AA, 6A, 21A, 22A, 23A, 34R, Class I, II, III, 2NS, 2MS
	Carl Schlegel	Kneeland Martin Schlegel  Harmon #2 Wood Road <b>CRUSHED CONCRETE</b> Plant Osborne Road Ovid	19-018 19-055 19-056	Class I, II, IIA, III, IIIA All MDOT Aggregate Materials All MDOT Aggregate Materials (except coarse aggregates for concrete applications) All MDOT Aggregate Materials <b>21AA</b>
			19-070 19-080  33-115 76-055	22A, Class II 2NS, 34R, 6A (except coarse aggregates for concrete applications)
	Carr Brothers & Sons, Inc.	Klingerman Powers Parker Sebolt Rockwell Sheldon CRC #4 Wade Pit Beck Road Pit Leades Pit Crispell Lake Swartz Elm Row Road  Rives-Eaton	13-010 13-054 13-083 13-092 13-094 13-095 30-025 30-049 30-068 30-076 38-021 38-079 38-086	21AA, 22A, 23A, Class II 22A All MDOT Aggregate Materials 21AA, 22A, 23A, Class II All MDOT Aggregate Materials All MDOT Aggregate Materials Class II All MDOT Aggregate Materials All MDOT Aggregate Materials 22A, Class II & III 21AA, 22A, 23A, Class II Class II & III All MDOT Aggregate Materials (except coarse aggregates for concrete applications) Class II & III
			38-102	
			73-017	<b>21AA, 22A, 4G</b>
			50-049	<b>21AA, 22A, 4G Mod</b>
			Rail Yard Rail Yard	6AA, 21AA, 23A, 4G 6AA, 21AA, 23A, 4G
			76-057 76-058 76-058	21AA, 22A, 23A 34R, 2NS, all granular materials <b>21AA</b>
			74-071	2NS
	46-050	2NS, 34R, Class II		
	Detroit	Dock	All MDOT Aggregate Materials	
Oekle Road	58-017	Class II & III		

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<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Fiore's Crushed Concrete, Inc.	Fiore Crushed Concrete	50-052	21AA	
	Forrest Aggregate	Sutton Road	44-068	21AA, 22A, 23A, 34R, 2NS	
	Fyke Washed Sand & Gravel	Pinckney Road	A&E of Canton (Groesbeck) <b>CRUSHED CONCRETE</b> Plant	47-056	2NS, 21AA, 22A, 23A, 34R, Class II & III, 6A (except coarse aggregates for concrete applications)
			Pontiac <b>CRUSHED CONCRETE</b> Plant	50-053	<b>21AA, 4G, 4G Mod &amp; Class II</b>
			A&E of Canton (Inkster) <b>CRUSHED CONCRETE</b> Plant	63-120	<b>21AA, 4G, 4G Mod &amp; Class II</b>
	Gerken	Hazel Jonesville		82-029	<b>21AA, 4G, 4G Mod &amp; Class II</b>
				30-045 30-070	2NS, 29A 22A, 23A, 2NS, 29A, Class II, 6A (except coarse aggregates for concrete applications)
		Round Lake		46-047	21AA, 22A, 23A, 2NS, 29A, 3G, 34R, Class II, Class III, 6A (except coarse aggregates for concrete applications)
		West Millgrove Custar Stone Co. Bluffton Stone Co.		93-035 93-044 93-045	6AA, 2FA 6AA 6AA
	Glancy, R.E., Inc.	Laidlaw Pit Gooding Pit Fussey Quarry Omer Quarry Whitney Quarry Afton Quarry Skuse Pit Wallace Stone Co. Buttles Road Glancy Schaedig, K.		01-005	22A, 23A
				04-041	22A, 23A, 2NS
				04-059	21AA, 22A, 23A, 6AA, 25A, 31A
06-008				21AA, 22A, 23A, 6A, 25A, 31A	
06-023				21AA, 22A, 23A	
16-017				21AA, 22A, 23A, 6AA, 25A, 31A	
16-041				21AA, 22A, 23A, 6AA, 25A, 31A	
20-033				22A, 23A, 2NS	
60-029				22A, 23A, 2NS	
65-055				22A, 23A, 2NS	
71-068				21AA, 22A, 23A	

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<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Great Lakes Aggregate Companies	Rock Dock	Dock 50-048	All MDOT Aggregate Materials <b>21AA, 22A, 23A, 2G, 3G, 4G &amp; 4G MOD, Class IIA, III</b> <b>21AA, 22A, 23A, 2G, 3G, 4G &amp; 4G MOD, Class IIA, III</b> 6AA, 17A, 21A, 21AA, 22A, 23A, 26A, 2G, 3G, 4G, 34R, 34G, Class I, II, IIA, III, IIIA 21A, 21AA, 22A, 23A, 2G, 3G, 4G, 34R, 34G, Class I, II, IIA, III, IIIA <b>21AA, 22A, 23A, 2G, 3G, 4G &amp; 4G MOD, Class IIA, III</b> <b>21AA, 22A, 23A, 2G, 3G, 4G &amp; 4G MOD, Class IIA, III</b> 6AA, 17A, 21A, 21AA, 22A, 23A, 26A, 2G, 3G, 4G, 34R, 34G, Class I, II, IIA, III, IIIA 21A, 21AA, 22A, 23A, 2G, 3G, 4G, 34R, 34G, Class I, II, IIA, III, IIIA <b>21AA, 22A, 23A, 2G, 3G, 4G &amp; 4G MOD, Class IIA, III</b> <b>21AA, 22A, 23A, 2G, 3G, 4G &amp; 4G MOD, Class IIA, III</b>
		Warren <b>CRUSHED CONCRETE</b> Plant	50-051	
		New Haven <b>CRUSHED CONCRETE</b> Plant	58-008	
		Rockwood Quarry	58-013	
		Sylvania Minerals	63-108	
		Rochester Hills <b>CRUSHED CONCRETE</b> Plant	81-801	
		Salem <b>CRUSHED CONCRETE</b> Plant	82-002	
		Sora Limestone	82-006	
		Sibley Limestone	82-025	
		Highland Park <b>CRUSHED CONCRETE</b> Plant	82-026	
	Taylor <b>CRUSHED CONCRETE</b> Plant			
	Hanson/Heidelberg Cement Group	Thornton Quarry Ardmore Midwest Quarry Sylvania Waterville	91-006 92-001 92-042 93-003 93-004	All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials
	Hayes Washed Sand and Gravel Co., Inc. a.k.a. Ashleyland Development Co.	Muir Road Muir Road <b>CRUSHED CONCRETE</b> Plant	47-030 47-030	22A, 23A, Class II & III <b>21AA</b>
	Holly Aggregate	Smiths Creek	77-026	Class II & III
	Holly Disposal, Inc.	Holdridge Road	63-121	Class II, IIA & III
John R Sand & Gravel Co.	Metamora	44-064	34R, 2NS, 6A (except coarse aggregates for concrete applications)	
Ken Measel Supply	Krake Bowman Road Pit	44-051 44-075	2NS 2NS	
Kenneth Smith, Inc.	Moose Lake	14-067	2NS	
Koenig Fuel and Supply Co.	Koenig Sand and Gravel	Dock 63-009	All MDOT Aggregate Materials Class II, IIA & III	
LaFarge Construction Materials, Canada	Marblehead Manitoulin Dolomite	93-001 95-005	6AA, 17A, 21AA, 22A, 23A, 29A All MDOT Aggregate Materials	

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Spec. # and Material Name	Producer	Name	A.S.I. #	Aggregates
<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Lakeside Aggregate L.L.C.	D&M Dock - Grand Haven Grandville Yard Nunica Yard Nunica <b>CRUSHED CONCRETE</b> Yard	Dock Yard Yard 70-078	All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials <b>OGDC</b>
	Edward C. Levy Co. Slag Division	CM Detroit JMT Dearborn Levy Dix #1 Levy Dix #2 Levy Westfield #3 Levy Mellon #6	Dock Dock 82-019 82-020 82-021 82-024	All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials
	Edward C. Levy Co. Aggregates Division	Rupp Hartland American Aggregate Oxford Groveland Springfield American Aggregate (Grange Hall Road) Mickelson #4 Groveland #2 Highland Ray Road	47-016 47-058 63-004 63-054 63-072 63-092  63-098 63-112 63-114 63-115	2NS, 34R, Class I, II, IIA, III, IIIA 2NS, 34R, Class I, II, IIA, III, IIIA All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials  All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials
	Edward C. Levy Co. Burroughs Division	Saginaw North Flint Yard Wallace Stone Co.	Dock Yard 32-004	All MDOT Aggregate Materials All MDOT Aggregate Materials All MDOT Aggregate Materials
	Edward C. Levy Co. Saginaw Asphalt Division	Carrollton Plant #2 Crow Island/B.V. Heleski Atkin Saginaw Asphalt Saginaw Asphalt #2 Castle Blackmore	Dock Dock 32-074 79-080 79-082 79-089 79-092 79-097	All MDOT Aggregate Materials All MDOT Aggregate Materials 22A, 23A, Class II, III 22A, 23A, Class II, III 22A, 23A, Class II, III 22A, 23A, Class II, III 22A, 23A, Class II, III 22A, 23A, Class II, III
	Levy Co., The	Burns Harbor L.T.V.	92-011 92-031	All MDOT Aggregate Materials All MDOT Aggregate Materials
	Michigan Aggregate Corporation	Bundy Hill	30-035	All MDOT Aggregate Materials -- Call University Region on all concrete aggregate
	Michigan Crushed Concrete, Inc.	Michigan <b>CRUSHED CONCRETE</b> Plant	82-028	<b>21AA</b>
	Mid Michigan Crushing & Recycling	Court Street <b>CRUSHED CONCRETE</b> Yard	25-038	<b>21AA, 4G Modified</b>
		Novi <b>CRUSHED CONCRETE</b> Yard	63-123	<b>21AA, 4G</b>
		West Road <b>CRUSHED CONCRETE</b> Yard	82-031	<b>21AA, 4G</b>
Mid Michigan Materials, Inc.	Shipley	74-051	6A, 2NS, 22A, 23A, 34R, Class I, II, IIA, III & IIIA	
National Asphalt Products, Inc.	Spruce Hill Napi <b>CRUSHED CONCRETE</b> Plant	44-071 50-054	2NS, 34R, Class II <b>21AA</b>	

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Spec. # and Material Name	Producer	Name	A.S.I. #	Aggregates
<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Natural Aggregates Corp.	Natural Aggregates Corp #2	47-047	Class I, II, IIA & III
	Northern Aggregates, L.L.C.	Syzmanski	04-053	22A, 23A, 21AA, 4G
	Northern Aggregates/Theut	Northern Aggregates	77-025	2NS
	Novak Construction	Summers Road	44-079	2NS, 34R, Class II
	O-N Minerals (Michigan) Company d/b/a/ Carmeuse Lime and Stone	Cedarville	49-065	4AA, 6AA, 6AAA, 2G, 3G, 4G, 17A, 21A, 22A, 23A, 25A, 26A, 29A, 31A, Class I, II & III
		Calcite	71-003	4AA, 6AA, 6AAA, 21A, 22A, 23A, 31A, 2G, 3G, 4G, 34R, Class I, II & III
		Port Inland #1	75-005	All MDOT Aggregate Materials
	Ottawa Aggregates, Inc.	Vanderveen	34-079	2NS
		Coit - Ottawa	41-152	22A, 23A, 2NS
		Leroy	62-033	2NS
		Bitely	62-068	2NS
		C&L Gravel	70-063	2NS
	Presque Isle Corp.	Presque Isle Corp.	71-047	All MDOT Aggregate Materials
	R. Smith and Sons	Hamilton	03-005	All MDOT Aggregate Materials
		Auston	03-053	All MDOT Aggregate Materials
Spritzer		03-009	All MDOT Aggregate Materials	
Ayries #2		03-080	All MDOT Aggregate Materials	
Roger Smith		03-090	All MDOT Aggregate Materials	
Adriansen Pit		03-104	All MDOT Aggregate Materials	
Tisseler		03-105	All MDOT Aggregate Materials	
Burger		13-089	All MDOT Aggregate Materials	
Bakeman		14-051	All MDOT Aggregate Materials	
Quirin		78-035	All MDOT Aggregate Materials	
Plopper Pit	80-020	All MDOT Aggregate Materials		
Rocky Top Sand & Gravel	Rocky Top	03-110	2NS	
Saginaw Rock Products	Saginaw	Dock	All MDOT Aggregate Materials	
Sargent Dock & Terminal	Essexville Saginaw	Dock	6AA, 13A, 21AA, 22A, 23A	
		Dock	6AA, 17A, 21A, 22A, 23A, 25A, 29A, 31A, 4G	
Searles	Searles #2	19-061	All MDOT Aggregate Materials	
	Thayer	19-079	All MDOT Aggregate Materials	
	Searles #4	34-080	21A, 21AA, 22A, 23A, Class I, II, IIA, III & IIIA	
	Colby Lake Road	76-060	21A, 21AA, 22A, 23A, Class I, II, IIA, III & IIIA	
Smelter Bay Aggregates	Thessalon	95-009	All MDOT Aggregate Materials	
	Maple Ridge	95-013	All MDOT Aggregate Materials	
South Flint Gravel	South Flint	63-118	2NS, Class II & IIA	

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<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Specification Stone Products, Inc.	Kawkawlin  Straits	Rail Yard  04-057	6A, 6AA, 6AAA, 4G, 17A, 26A, 29A, 2SS, 21AA, 23A, 22A, RR Ballast  6A, 6AA, 6AAA, 4G, 17A, 26A, 29A, 2SS, 21AA, 23A, 22A, RR Ballast
	St. Clair Aggregates	St. Clair Aggregates	Dock	6AA, 6AAA, 21AA, 22A, 23A, 26A
	Stansley Mineral Resource Group	SMR Plant 305  SMR Plant 311 Petersburg Tirb  Genoa	30-073	All MDOT Aggregate Materials (except coarse aggregates for concrete applications)
			46-051 58-014 81-021	All MDOT Aggregate Materials All Granular Materials All MDOT Aggregate Materials (except coarse aggregates for concrete applications)
			93-043	6AA
	Stoneco	CYDI - Grand Rapids Patterson Road Wenger Davidson Moscow Big Daddy Ravine Road Huizinga CYDI - Recycle <b>CRUSHED CONCRETE</b> Plant  Ottawa Lake Maybee Denniston Newport Gravel Hill Zeeb Road Ann Arbor <b>CRUSHED CONCRETE</b> Plant White Rock Quarry Wyandot Dolomite Portage Rocky Ridge Auglaize Quarry	Rail Yard	All MDOT Aggregate Materials
			03-093	All MDOT Aggregate Materials
			08-100	All MDOT Aggregate Materials
			12-044	All MDOT Aggregate Materials
			30-071	All MDOT Aggregate Materials
39-074			All MDOT Aggregate Materials	
39-076			All MDOT Aggregate Materials	
41-117			All MDOT Aggregate Materials	
41-807			<b>ALL MDOT CRUSHED CONCRETE AGGREGATE MATERIALS</b>	
58-003			All MDOT Aggregate Materials	
58-004			All MDOT Aggregate Materials	
58-009			All MDOT Aggregate Materials	
58-011			All MDOT Aggregate Materials	
80-026	All MDOT Aggregate Materials			
81-077	All MDOT Aggregate Materials			
81-098	<b>6A, 21AA</b>			
93-005	6AA, 21AA, 29A			
93-031	6AA, 21AA			
93-037	6AA, 6AAA, 4A, 4AA			
93-038	6AA, 6AAA, 4A, 4AA			
93-039	6AA, 6AAA, 17A, 4A, 4AA			
Sunrise Aggregates L.L.C.	Round Lake Bath Pit Brown Road Lyon  Backus #2  Adams	19-075	Class II, III, IIIA	
		19-081	Class II, III, IIIA	
		30-075	21AA, 22A, 23A, Class II	
		33-094	22A, 23A, Class II, III, IIIA, 2NS, 34R, 21AA, 6A (except coarse aggregates for concrete applications)	
		33-103	All MDOT Aggregate Materials, 6A (except coarse aggregates for concrete applications)	
33-120	Class II, III, IIIA			
Superior Gravel/Aggregate & Developing, L.L.C.	Superior	39-077	22A, Class II	

**PREQUALIFIED AGGREGATE SOURCES, APPROVED MANUFACTURERS**

Spec. # and Material Name	Producer	Name	A.S.I. #	Aggregates
<b>902 Continued</b> Course, Dense-Graded, Open-Graded, Granular Material, Class I, II, (Subbase), IIA, II (Abutment B.F.), III, IIIA, and Fine Aggregates	Superior Slag Products Inc.	Algoma Steel	95-006	25A, 29A, 30A, CS1, CS2
	Thumb Aggregates	Tuckey	79-067	22A, 23A, 2NS
	Tri-City Aggregates	Richfield Bristol Road <b>CRUSHED CONCRETE</b> Plant Groveland Mt. Holly #2 Mickelson #4 Mickelson, North Groveland #2 Foran Pit	25-011 25-033  63-054 63-094 63-098 63-109 63-112 63-116	Class II & IIA <b>21AA</b>  22A, 23A, All Granular Materials 23A, 22A, Class II, IIA & III 22A, 23A, All Granular Materials 22A, 23A, All Granular Materials 22A, 23A, All Granular Materials All Granular Materials
	Verplank Trucking	Muskegon	Dock/Yard	All MDOT Aggregate Materials
	Vulcan Materials Co.	Kankakee	91-010	4AA, 6A, 6AA, 6AAA, 17A, 21A, 21AA, 22A, 23A, 26,A, 29A, 2G, 3G, 5G, 34R, 2NS, 2SS, 2MS, 2FA, 3FA
	Waterland Trucking	Drake Burmeister	81-092 81-093	All MDOT Aggregate Materials All MDOT Aggregate Materials
	Weber Sand & Gravel, Inc.	Darling White #1	44-002 44-045	22A, 23A, Class II & III 22A, 23A, Class II & III
	Wiegand	Dryden Road Mound Road Wiegand Mack <b>CRUSHED CONCRETE</b> Yard P&L <b>CRUSHED CONCRETE</b> Yard	44-078 50-055 50-056 50-057	Class II, III Class II, III, 34R, 6A <b>21AA</b> <b>21AA</b>
	Wirt Saginaw Stone Dock	Saginaw	Dock	All MDOT Aggregate Materials
	Wirt Transportation Co.	Bay City	Dock	All MDOT Aggregate Materials
	Zito Construction Company	Red Arrow <b>CRUSHED CONCRETE</b> Plant	25-037	<b>21AA, 4G Modified, 6A</b>

## APPROVED MANUFACTURERS

Spec. # and Material Name		Approved Manufacturers		Manufacturers Location
<b>902</b> Mineral Filler for Bituminous Mixtures	<u>Product</u> Fly Ash	<u>Distributor</u> Detroit Edison  Headwaters Resources  Grand Haven Board of Light & Power  Headwaters Resources	<u>Producer</u> Detroit Edison  Consumers Energy  Grand Haven Board of Light & Power  Lansing Board of Water & Light	<u>Source or Plant Location</u> Conners Creek Plant, Detroit, MI Marysville Plant, Marysville, MI St Clair Plant, St. Clair, MI Trenton Plant, Trenton, MI Karn Plant, Essexville, MI Weadock Plant, Essexville, MI Campbell Plant, West Olive, MI Cobb Plant, Muskegon, MI Whiting Plant, Erie, MI  J. B. Sims Generating Station, Grand Haven, MI  Eckert Plant (Ottawa St.), Lansing, MI Erickson Station, Lansing, MI
	Limestone Dust	Herzog Lime & Stone Co. F. Hurlbut Co. Material Service Corporation National Gypsum Co. National Lime & Stone Co. National Mortar & Supply Co. Ohio Hydrate Co. Ohio Line Co. Petoskey Portland Cement Co. Piqua Stone Products Co. Waukesha Products Co. Vulcan Materials Co.		Forest, OH Green Bay, WI Chicago, and Thorton, IL Batesville and Gibsonburg, OH Carey and Findlay, OH Gibsonburg, OH Woodville, OH Woodville, OH Petoskey, OH Piqua, OH Waukesha, WI Chicago, IL
<b>903.04</b> Latex Admixture For Concrete	Modifier A Latex Styrofan 1186 Tylac 97-314 Gen-Flo 8074	Dow Reichhold Specialty Latex LLC BASF Corporation  Polytherm Systems, Inc., General Tires		
<b>904.03C</b> Emulsified Asphalt	<p><b>See <a href="#">Current List</a> of Emulsified Asphalts at Construction and Technology Web Page.</b></p> <p>Instructions to C&amp;T web page: From MDOT home page (michigan.gov/mdot), click on about MDOT (left side), then click on Highway Delivery, and then click Construction and Technology. The <a href="#">Approved Emulsified Asphalt Suppliers List</a> is under Resources &amp; Publications.</p> <p>Actual Construction and Technology web page address: www.michigan.gov/mdot/0,1607,7-151-9623_26663_27303---,00.html</p>			

# APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<b>905.03</b> Bar Reinforcement (Uncoated)	A.B. Steel American Steel & Wire ArcelorMittal Steel ASI Alton Steel, Inc. Austeel Barbary Coast CMC Steel CMC Steel Chaparral Steel Gerdau Ameristeel Corporation: Charlotte Steel Mill Div. Jacksonville Steel Mill Div. Knoxville Steel Mill Div. Sand Springs Mill (formerly Sheffield Steel) Sayreville North Star Steel Co. Nucor Steel - Auburn, Inc. Nucor Steel - Kankakee, Inc. Nucor Steel - Marion, Inc. Riverview Steel Salmon Bay & Southern United Steel Divisions Sheffield Steel, Inc. Steel Dynamics Inc.	Joliet, IL Harriman, TN Alton, IL  Mississippi, Norfolk, Illinois Seguin, TX Cayce-West, Columbia, SC  Charlotte, NC Jacksonville, FL Knoxville, TN Sand Springs, OK Sayreville, NJ  Auburn, NY Kankakee, IL Marion, OH Glassport, PA  Pittsboro, IN
<b>905.03C</b> Bar Reinforcement (Epoxy Coated)	<u>Steel Companies</u> A.B. Steel American Steel & Wire ArcelorMittal Steel ASI Alton Steel, Inc. Austeel Barbary Coast CMC Steel CMC Steel Chaparral Steel Gerdau Ameristeel Corporation: Charlotte Steel Mill Div. Jacksonville Steel Mill Div. Knoxville Steel Mill Div. Sand Springs Mill (formerly Sheffield Steel) Sayreville North Star Steel Co. Nucor Steel - Auburn, Inc. Nucor Steel - Kankakee, Inc. Nucor Steel - Marion, Inc. Riverview Steel Salmon Bay & Southern United Steel Divisions Sheffield Steel, Inc.	<u>Epoxy Coating Companies</u> ABC Coating Co. of OK, Inc., Tulsa, OK ABC Coating Co. of MI, Inc., Wyoming, MI ABC Coating Co. of IL, Inc., Peotone, IL ABC Coating Co. of MN, Inc., Minneapolis, MN ABC Coating Co. Inc., Brighton, CO ABC Coating Co. Inc., Waxahachie, TX Ambassador Steel Corp., Bourbonnais, IL American Highway Technology, Kankakee, IL American Rebar Coaters, Gary, IN Block Heavy Highway Products Co., Valparaiso, IN CMC Rebar, Kankakee, IL Co-Steel Sayreville, Sayreville, NJ Energy Coatings, Alton, IL Gerdau Ameristeel Corp., Milton, PA Gerdau Ameristeel, Muncie Epoxy Coating, Muncie, IN Harris Rebar, Bethlehem, PA Lane Enterprise, Epoxy Coating Div., Carlisle, PA Midwest Pipe Coatings, Schereville, IN Simcote, Newport, MN Simcote, Marion, OH Steel Cities Coating Corp., Pittsburgh, PA Wady Industries, Inc., Maquoketa, IA

## APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location									
<b>905.06</b> Welded Steel Wire Reinforcement (Mesh)	Engineered Wire Products Hallett Wire Products Co. Insteel Wire Products Iowa Steel & Wire Ivy Steel & Wire Northwestern Steel & Wire Co. Numesh Oklahoma Steel & Wire Co. Inc. Structural Reinforcement Products Inc.	Glen Falls, NY									
<b>905.07</b> Cable, Strand for Prestressed Concrete	American Spring Wire Co. Florida Wire & Cable Co. Insteel Wire Products RettCo Steel, LLC Shinko Wire America, Inc. Sumiden Wire Products Corporation Stand-Tech Martin, Inc.										
<b>905.08</b> Tendons for Post Tensioning A. Prestressing Strand	American Spring Wire Co. Florida Wire and Cable Co. Insteel Wire Products Shinko Wire America, Inc.										
<b>907.05B</b> Wood Posts  Same as Wood Fence Posts in Spec. 912.08	John Biewer Lumber Company American Timber and Steel Co., Inc. Mauk MidWest Forest Products Woodstock, Inc.	St. Clair, MI Norwalk, OH Bay City, MI West Branch, MI									
<b>908.12A</b> Guardrail, Steel Beam Elements, Anchorage, Bridge, Shoes, Departing End Terminals (End Sections)	Contech Construction Products, Inc. Gregory Highway Products Highway Safety Corporation IMH Products, Inc. R. G. Steel Corporation SPIG Industry LLC Trinity Industries										
<b>908.12A</b> Guardrail Approach Terminals  Remarks: Approach Terminals are proprietary items, accepted as complete units. All systems must be approved by the NCHRP and MDOT Barrier Advisory Commission.	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 30%;"> <u>Type 1</u>                              SRT 350                              FLEAT - 350                              refer to Design Std. Plans 61(X)                              latest version                         </td> <td style="vertical-align: top; width: 30%;">                             Trinity Industries, Inc.                              * Road Systems, Inc.                              Gregory Highway Products                              R. G. Steel Corporation                              Highway Safety Corporation                         </td> <td style="vertical-align: top; width: 30%;"></td> </tr> <tr> <td style="vertical-align: top;"> <u>Type 2</u>                              ET 2000                              SKT - 350                              refer to Design Std. Plans 62(X)                              latest version                         </td> <td style="vertical-align: top;">                             Trinity Industries, Inc.                              * Road Systems, Inc.                              Gregory Highway Products                              R. G. Steel Corporation                              Highway Safety Corporation                         </td> <td style="vertical-align: top;"></td> </tr> <tr> <td style="vertical-align: top;"> <u>Type 3</u>                              CAT                              FLEAT - M                              refer to Design Std. Plans 63(X)                              latest version                         </td> <td style="vertical-align: top;">                             Trinity Industries, Inc.                              * Road Systems, Inc.                              Gregory Highway Products                              R. G. Steel Corporation                              Highway Safety Corporation                         </td> <td style="vertical-align: top;"></td> </tr> </table>	<u>Type 1</u> SRT 350 FLEAT - 350 refer to Design Std. Plans 61(X) latest version	Trinity Industries, Inc. * Road Systems, Inc. Gregory Highway Products R. G. Steel Corporation Highway Safety Corporation		<u>Type 2</u> ET 2000 SKT - 350 refer to Design Std. Plans 62(X) latest version	Trinity Industries, Inc. * Road Systems, Inc. Gregory Highway Products R. G. Steel Corporation Highway Safety Corporation		<u>Type 3</u> CAT FLEAT - M refer to Design Std. Plans 63(X) latest version	Trinity Industries, Inc. * Road Systems, Inc. Gregory Highway Products R. G. Steel Corporation Highway Safety Corporation		*NOTES:  Road Systems, Inc. (RSI) developed both SRT 350 and FLEAT-350 systems.  RSI does not manufacture beams.  The 3 listed companies under RSI are distributors and distribute SKT and FLEAT <u>smart</u> parts that make-up the approved approach terminals.
<u>Type 1</u> SRT 350 FLEAT - 350 refer to Design Std. Plans 61(X) latest version	Trinity Industries, Inc. * Road Systems, Inc. Gregory Highway Products R. G. Steel Corporation Highway Safety Corporation										
<u>Type 2</u> ET 2000 SKT - 350 refer to Design Std. Plans 62(X) latest version	Trinity Industries, Inc. * Road Systems, Inc. Gregory Highway Products R. G. Steel Corporation Highway Safety Corporation										
<u>Type 3</u> CAT FLEAT - M refer to Design Std. Plans 63(X) latest version	Trinity Industries, Inc. * Road Systems, Inc. Gregory Highway Products R. G. Steel Corporation Highway Safety Corporation										

## APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<b>908.13</b> Steel Posts for Beam Guardrail	Contech Construction Products, Inc. Gregory Highway Products Highway Safety Corporation IMH Products, Inc., CNC Fabrication R. G. Steel Corporation SPIG Industry LLC Trinity Industries	
<b>909.04A</b> Reinforced Concrete Pipe  * Distribution Sites Only	Advance Concrete Products Co. Co-Pipe Products, Inc. Independent Concrete Pipe Corporation  National Concrete Products Northern Concrete Pipe Premarc Corporation: Metro Supply Traverse City Water Works* Grand River Infrastructure Cadillac Concrete Pipe Grand River Infrastructure* Marsh Products Upper Peninsula Pipe Co. Wausaw Concrete Co., Inc.	Highland, MI Taylor, MI Toledo, OH, and Mishawaka, Maxwell, and Indianapolis, IN Plymouth, MI Bay City, Linwood, and Potterville, MI  White Lake, MI Traverse City, MI Grand Rapids, MI Cadillac, MI White Pigeon, MI Durand, MI Escanaba, MI Marathon, WI
<b>909.04C</b> Non-Reinforced Concrete Pipe  * Distribution Sites Only	Advance Concrete Products Co. Co-Pipe Products, Inc. Independent Concrete Pipe Corporation  National Concrete Products Northern Concrete Pipe Premarc Corporation: Metro Supply Traverse City Water Works* Grand River Infrastructure Cadillac Concrete Pipe Grand River Infrastructure* Marsh Products Upper Peninsula Pipe Co.	Highland, MI Taylor, MI Toledo, OH, (Sylvania), and Mishawaka, Maxwell, and Indianapolis, IN Plymouth, MI Bay City, Linwood, and Potterville, MI  White Lake, MI Traverse City, MI Grand Rapids, MI Cadillac, MI White Pigeon, MI Durand, MI Escanaba, MI
<b>909.04D</b> Precast Concrete Box Sections  * Distribution Sites Only	Advance Concrete Products Co. Hanson Pipe & Products Independent Concrete Pipe Corporation  Mack Ind. National Concrete Products Northern Concrete Pipe Premarc Corporation: Metro Supply* Traverse City Water Works* Grand River Infrastructure Cadillac Concrete Pipe Grand River Infrastructure* Marsh Products Upper Peninsula Pipe Co. Wausaw Concrete Co., Inc.	Highland, MI Windsor, Canada Toledo, OH, and Mishawaka, Maxwell, and Indianapolis, IN White Lake, MI, and Toledo, OH Plymouth, MI Bay City, Linwood, and Potterville, MI  White Lake, MI Traverse City, MI Grand Rapids, MI Cadillac, MI White Pigeon, MI Durand, MI Escanaba, MI Marathon, WI

# APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<p><b>909.04E</b> Precast Concrete End Section For Culverts &amp; Sewers</p> <p>* Distribution Sites Only</p> <p>See Spec. 913 for Brick and Block</p>	<p>Advance Concrete Products Co. Independent Concrete Pipe Corporation</p> <p>National Concrete Products Northern Concrete Pipe Premarc Corporation: Metro Supply* Traverse City Water Works* Grand River Infrastructure Cadillac Concrete Pipe Grand River Infrastructure* Marsh Products Upper Peninsula Pipe Co. Wausaw Concrete Co., Inc.</p>	<p>Highland, MI Toledo, OH, and Mishawaka, Maxwell, and Indianapolis, IN Plymouth, MI Bay City, Linwood, and Pottersville, MI</p> <p>White Lake, MI Traverse City, MI Grand Rapids, MI Cadillac, MI White Pigeon, MI Durand, MI Escanaba, MI Marathon, WI</p>
<p><b>909.04G</b> Precast Concrete Three-Sided or Arch Culverts</p> <p><b>NOTES:</b>  <sup>1)</sup> Manufacturers are only approved for the culvert design(s) listed.  <sup>2)</sup> Approved on an experimental basis and will require evaluation during and after construction. Contact the department's Structural Fabrication Unit to coordinate evaluation process.  <sup>3)</sup> Use is restricted to models 42/0-3 and 48/0-1 and is only permitted when detailed on the plans and when analyzed by the department's Hydraulics Unit.</p> <p>** Effective January 1, 2011, all manufacturers must be certified by the Precast/Prestressed Concrete Institute (PCI), the National Precast Concrete Association (NPCA), or the American Concrete Pipe Association (ACPA).</p>	<p>Advance Concrete Products Mack Industries Northern Concrete Pipe Northern Concrete Pipe Premarc Premarc S&amp;S Precast Upper Peninsula Concrete United Precast United Precast</p> <p style="text-align: center;"><u>Design</u><sup>1</sup></p> <p>Adspan Conspan Hanson Hyspan Conspan P3 System<sup>2</sup> Conspan Conspan BEBO<sup>2,3</sup> Conspan</p>	<p>Highland, MI White Lake, MI Bay City, MI Bay City, MI Grand Rapids, MI Grand Rapids, MI Winamac, IN Escanaba, MI Mount Vernon, OH Mount Vernon, OH</p>
<p><b>909.05A</b> Corrugated Steel</p>	<p>Armco Steel Corporation Bark River Culvert &amp; Equipment Co. Contech Construction Products Inc.</p> <p>Jensen Bridge &amp; Supply Co. Lane Enterprises, Inc. Michigan Culvert Co. Premarc Corp. - Cadillac Concrete Pipe St. Regis Culvert, Inc. Worthington Steel</p>	<p>South Bend, IN Escanaba, MI Mason, MI, Mitchell and South Bend, IN, Portage, WI, Shakopee, MN, Ashland and Winchester, KY, Anderson, SC, and Canfield, OH</p> <p>Grand Rapids and Sandusky, MI Pulaski, PA Mason, MI Cadillac and Traverse City, MI Charlotte, MI Delta, OH</p>

# APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location	
<b>909.07</b> Pipe for Under-Drains 1. Corrugated Steel Pipe	Armco Steel Corporation Bark River Culvert & Equipment Co. Contech Construction Products, Inc.  Jensen Bridge & Supply Co. Lane Enterprises, Inc. Michigan Culvert Co. Premarc Corp. - Cadillac Concrete Pipe St. Regis Culvert, Inc.	South Bend, IN Escanaba, MI Mason, MI, Mitchell & South Bend, IN, Portage, WI, Shakopee, MN, Ashland and Winchester, KY, Anderson, SC, and Canfield, OH Grand Rapids and Sandusky, MI Pulaski, PA Mason, MI Cadillac and Traverse City, MI Charlotte, MI	
<b>909.07</b> Pipe for Under-Drains 4. Corrugated Plastic Tubing (Perforated & Non-Perforated) (Wrapped & Non-Wrapped)  * Distribution Site Only	Advanced Drainage Systems, Inc. Advanced Drainage Systems, Inc.* Baughman Tile Co., Inc. Cervell Drainage Products Hancor, Inc. Haviland Drainage Prinsco, Inc.	Napoleon, OH, and Owosso, MI Ypsilanti, MI Paulding, OH Lordstown, OH Findlay, OH Haviland, OH Chatsworth, IL	
<b>909.08B</b> Downspouts from Other Bridge Decks 1. Corrugated Steel Pipe	Armco Steel Corporation Bark River Culvert & Equipment Co. Contech Construction Products, Inc.  Jensen Bridge & Supply Co. Lane Enterprises, Inc. Michigan Culvert Co. Premarc Corp. - Cadillac Concrete Pipe St. Regis Culvert, Inc.	South Bend, IN Escanaba, MI Mason, MI, Mitchell and South Bend, IN, Portage, WI, Shakopee, MN, Ashland and Winchester, KY, Anderson, SC, and Canfield, OH Grand Rapids and Sandusky, MI Pulaski, PA Mason, MI Cadillac and Traverse City, MI Charlotte, MI	
<b>910.05A</b> Prefabricated Drainage System  Products name approved, all others must be tested per project	<u>Approved                      Products</u> AdvanEdge 18" SITEDRAIN Strip 6412, 6418, 6424 (TNS-R042 or SKAPS GT-142) CCW -HC Drain (Mirafi 140N) Stripdrain 80 & 100 JDRainSWD (Mirafi 140N) MDM Hydraway Drain 2000 PDS 30	Advanced Drainage Systems, Inc. American Wick Drain Corporation  Carlisle Coating Waterproofing  Contech Construction Products JDR Enterprises, Inc.  Monsanto Co.  Pro Drain Systems	Columbus and Napoleon, OH, Owosso, MI Monroe, NC  Bloomfield Hills, MI Alpharetta, GA  St. Louis, MO  Highland, MI
<b>912.06</b> Structural Timber & Lumber	American Timber and Steel Co., Inc. John Biewer Lumber Company Mauk MidWest Forest Products Midwest Timber Woodstock, Inc.	Norwalk, OH Lansing and St Clair, MI Bay City, MI Edwardsburg, MI West Branch, MI	
<b>912.08</b> Fence Posts, Wood	American Timber and Steel Co., Inc. John Biewer Lumber Company Mauk MidWest Forest Products Midwest Timber Woodstock, Inc.	Norwalk, OH Lansing and St Clair, MI Bay City, MI Edwardsburg, MI West Branch, MI	

## APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<b>912.08B</b> Guide Posts, Guard & Mail Box Posts	American Timber and Steel Co., Inc. John Biewer Lumber Company Mauk MidWest Forest Products Midwest Timber Woodstock, Inc.	Norwalk, OH Lansing and St Clair, MI Bay City, MI Edwardsburg, MI West Branch, MI
<b>912.09</b> Wood Guardrail Post & Blocks (Dimension Sawed)	American Timber and Steel Co., Inc. John Biewer Lumber Company Mauk MidWest Forest Products Woodstock, Inc.	Norwalk, OH St. Clair, MI Bay City, MI West Branch, MI
<b>913.03B</b> Concrete Brick	4D, Inc. Bark River Concrete Products Best Block Company Carlesimo Products, Inc. Clark Block & Supply, Inc. Concrete Service, Inc. Consumers Concrete Products Fendt Builder's Supply, Inc. Ferguson Block Co., Inc. Grand Blanc Cement Products Grand Valley Concrete Products Karber Block Co. Martin Block Corporation National Cement Products Co. Premarc, Grand River Infrastructure Statler Ready Mixed Concrete Co. Superior Materials Co. Wausaw Concrete Co., Inc.	Midland, MI Bark River, MI Warren, MI Farmington, MI Canton, MI Traverse City, MI Kalamazoo and South Haven, MI Ann Arbor and Farmington Hills, MI Davison, MI Grand Blanc, MI Grand Rapids, MI St. Johns, MI Lansing, MI Toledo, OH Grand Rapids, MI Kalamazoo, MI Auburn Heights, MI Marathon, WI
<b>913.05</b> Concrete Block	4D, Inc. Bark River Concrete Products Best Block Company Carlesimo Products, Inc. Clark Block & Supply, Inc. Concrete Service, Inc. Consumers Concrete Products Fendt Builder's Supply, Inc. Ferguson Block Co., Inc. Grand Blanc Cement Products Grand Valley Concrete Products Karber Block Co. Martin Block Corporation National Cement Products Co. Premarc, Grand River Infrastructure Statler Ready Mixed Concrete Co. Superior Block Co. Inc. Superior Materials Co. Wausaw Concrete Co., Inc.	Midland, MI Bark River, MI Warren, MI Farmington, MI Canton, MI Traverse City, MI Kalamazoo and South Haven, MI Ann Arbor and Farmington Hills, MI Davison, MI Grand Blanc, MI Grand Rapids, MI St. Johns, MI Lansing, MI Toledo, OH Grand Rapids, MI Kalamazoo, MI Houghton, MI Auburn Heights, MI Marathon, WI

## APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<b>913.06</b> Precast Reinforcement Concrete Units for Drainage	Advance Concrete Products Co. Bush Concrete Products Carlesimo Products, Inc. Consumers Concrete Products Co-Pipe Products, Inc. Elmer's Grand Valley Concrete Products Hanson Pipe and Products (form. Centennial) Kerkstra Precast, Inc. Mack Industries of Michigan, Inc. Mack Vault of Toledo a Div. of Mack Ind., Inc. MDC Contracting (formerly Manthei Devlp.) National Concrete Products Co. Northern Concrete Pipe Norwalk Concrete Industries Premarc Corporation: Metro Supply Traverse City Water Works Grand River Infrastructure Cadillac Concrete Pipe Grand River Infrastructure Marsh Products Quality Precast, Inc. Upper Peninsula Pipe Co. Watkins & Himelhoch Wausaw Concrete Co., Inc.	Highland, MI (Specialty Items) Muskegon, MI Farmington, MI Kalamazoo, MI Taylor, MI Traverse City, MI Grand Rapids, MI Windsor, Ontario, Canada Grandville and Jenison, MI White Lake Township, MI Bowling Green, OH Charlevoix, MI Plymouth, MI Bay City, Linwood, and Potterville, MI Norwalk, OH  White Lake, MI Traverse City, MI White Pigeon, MI Cadillac, MI Grand Rapids, MI Durand, MI Kalamazoo, MI Escanaba, MI Burton, MI Marathon, WI
<b>913.07</b> Precast Concrete Bases, Sumps	See Spec. 913.06, Drainage list	
<b>913.09</b> Slope Pavement Blocks	4D, Inc. Bark River Concrete Products Best Block Company Carlesimo Products, Inc. Clark Block & Supply, Inc. Concrete Service, Inc. Consumers Concrete Products Fendt Builder's Supply, Inc. Ferguson Block Co., Inc. Grand Blanc Cement Products Jansen Block Co. Karber Block Co. Martin Block Corporation National Cement Products Co. Premarc, Grand River Infrastructure Statler Ready Mixed Concrete Co. Superior Materials Co.	Midland, MI Bark River, MI Warren, MI Farmington, MI Canton, MI Traverse City, MI Kalamazoo and South Haven, MI Ann Arbor and Farmington Hills, MI Davison, MI Grand Blanc, MI Grand Rapids, MI St. Johns, MI Lansing, MI Toledo, OH Grand Rapids, MI Kalamazoo, MI Auburn Heights, MI
<b>914.03</b> Bituminized Fiber Joint Filler	W. R. Meadow Co. JD Russell Company (by Temple Inland) Right Pointe Company	Elgin, IL Utica, MI Dekalb, IL
<b>914.04C</b> Neoprene Joint Seals	D. S. Brown	North Baltimore, OH

# APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<p><b>914.07</b> Transverse Pavement Joints 1. Dowel Bars</p> <p>For coating info. See QPL for approved material and manufacturers.</p> <p>See Spec. 905.03C for Epoxy Coating Manufacturers and Suppliers</p>	<p>A. B. Steel American Steel &amp; Wire ASI Alton Steel, Inc. Austeel Barbary Coast Barnsco Bayou Steel Corporation Boomer Construction Materials Chaparral Steel CMC Steel CMC Steel Erect-A-Line Gerdau Ameristeel Corporation:   Sayreville   Charlotte Steel Mill Div.   Jacksonville Steel Mill Div.   Knoxville Steel Mill Div.   Sand Springs Mill North Star Steel Co. Nucor Steel - Auburn, Inc. Nucor Steel - Kankakee, Inc. Nucor Steel - Marion, Inc. Riverview Steel Roadway Construction Products Salmon Bay &amp; Southern United Steel Divisions Sheffield Steel, Inc.</p>	<p>Joliet, IL Alton, IL</p> <p>Mississippi, Norfolk, Illinois Walled Lake, MI Harriman, TN Detroit, MI</p> <p>Seguin, TX Cayce-West, Columbia, SC Dallas, TX</p> <p>Sayreville, NJ Charlotte, NC Jacksonville, FL Knoxville, TN Sand Spring, OK</p> <p>Auburn, NY Kankakee, IL Marion, OH Glassport, PA Clarkson, KY</p>
<p><b>914.07</b> Load Transfer Assemblies; Dowel Baskets</p>	<p>American Highway Technology/Dayton Superior Barnsco Block Heavy &amp; Highway Products Boomer Construction Materials Erect-A-Line</p>	<p>Kankakee, IL</p> <p>Wixom, MI Valparaiso, IN Detroit, MI Dallas, TX</p>
<p><b>914.08</b> Transverse End of Pour Joint Devices B. Deformed Bars</p>	<p><u>Bar Manufacturers</u> See Reinforcement Bar Manufacturers Spec. 905.03C</p>	<p><u>Epoxy Coating Material</u> See Reinforcement Bar, Spec 905.03C of QPL</p>
<p><b>914.09</b> Straight and Bent Tie Bars for Longitudinal Pavement Joints, (Lane Ties)</p>	<p><u>Bar Manufacturers</u> See Reinforcement Bar Manufacturers Spec. 905.03C</p>	<p><u>Epoxy Coating Material</u> See Reinforcement Bar, Spec 905.03C of QPL</p>
<p><b>916.02</b> Silt Fence</p>	<p>American Excelsior Co. Inc. C.S.I. / Geo Turf, Inc. DGI Industries Environmental Protection Products Geo-Synthetics Geoproducts, Inc. Jensen Bridge &amp; Supply Co. JMD Company Klein Brothers Hardwood Inc. Pallen Enterprises Price and Company Rhino Seed and Landscape Supply Webtec, Inc.</p>	<p>Westland, MI Highland, MI Bennington, NH Williamsburg, MI Waukesha, WI Birmingham, MI Grand Rapids and Sandusky, MI Brecksville, OH Milford, MI Conyer, GA Wixom and Wyoming, MI Bradley, MI Charlotte, NC</p>

## APPROVED MANUFACTURERS

Spec. # and Material Name	Approved Manufacturers	Manufacturers Location
<p><b>917.12</b> Seed and Seeding Mixtures</p> <p><b>NOTE:</b> For lots of one (1) to six (6) bags, sample each bag. For lots of more than six bags, sample five (5) bags plus at least ten percent (10%) of the bags in the lot. It is not necessary to sample more than thirty (30) bags in any single lot. Samples are to be sent to Maintenance Division. Acceptance by the Project Engineer is based on visual inspection of original, sewn-on bag tickets for verification of quantity and source of seed. The guaranteed analysis on the ticket will constitute the certification of this product by the Approved Manufacturer.</p>	<p>Allied Seed, L.L.C. American Feed &amp; Farm Supply C.S.I. / Geoturf Inc. Deer Creek Seed Evergreen Seed LESCO Inc./John Deere Michigan State Seed Solutions/WinField Solutions, LLC Price &amp; Company Rhino Seed Landscape &amp; Supply The Seed Center The Seed Center/Seed Depot The Cisco Companies Sweeney Seed Co. Turfgrass Inc.</p> <p>Approved Seed Varieties listed in the QPL Spec 917.12</p>	<p>Nampa, ID Nappanee, IN Highland, MI Ashland, WI Farmington Hills, MI Cleveland, OH Grand Ledge, MI, Elwood, IN &amp; Oakly, MI Wixom, MI Bradley and Brighton, MI Ostrander, OH Ostrander, OH Indianapolis, IN Mt. Pleasant, MI South Lyon, MI</p>
<p><b>918.06</b> Precast Concrete Handholes &amp; Manholes for Electrical &amp; Telephone Connections</p>	<p>Advanced Concrete Products Carlesimo Products, Inc. Consumers Concrete Products Elmer's Grand Valley Concrete Products Hartford Concrete Products, Inc. Kerkstra Precast, Inc. Mack Industries of Michigan MDC Contracting Northern Concrete Pipe Norwalk Concrete Industries Premarc, Inc. Marsh Products Cadillac Concrete Pipe Grand River Infrastructure Quality Precast Inc. Watkins &amp; Himelhoch, Inc.</p>	<p>Highland, MI Farmington, MI Kalamazoo, MI Traverse City, MI Grand Rapids, MI Hartford City and Ashley, IN Jenison, MI White Lake Township, MI Charlevoix, MI Bay City and Charlotte, MI Norwalk, OH</p> <p>Durand, MI Cadillac, MI Grand Rapids, MI Kalamazoo, MI Burton, MI</p>
<p><b>919.05</b> Wood Sign Posts</p>	<p>American Timber and Steel Co., Inc. John Biewer Lumber Company Mauk MidWest Forest Products Woodstock, Inc.</p>	<p>Norwalk, OH St. Clair, MI Bay City, MI West Branch, MI</p>
<p><b>Misc. #6</b> Mulch Binder (Tackifier) Asphalt Emulsion</p>	<p><b>Not</b> in 2003 Standard Specifications for Construction</p>	