

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

Text shown as ~~strike through~~ is not found on the internet and therefore will be removed from this list 4/2022

Row	Reference	Product Description	Manufacturer	Model Number (sizes)	Date Listed
1	611.02.00	Detectable Warning Surface Truncated Domes	ADA Solutions, Inc.	Cast in Place & Replaceable Wet-Set, both in yellow color only	1/11/2012-3/2020
2	905.01.00	PVC Fittings	Haree	n/a	12/10/2007-3/2020
3	905.01.00	PVC Fittings	Harvel	n/a	12/10/2007-3/2020
4	905.01.00	PVC Fittings	Multi Fittings	Blue Brute C900 fittings nominal pipe (4" to 12")	6/21/2013
5	905.01.00	PVC Fittings	Plastic Trends	SDR 35 WYE Plug and Cap, 1/8 bend; up to nominal pipe size 12	6/21/2013-3/2020
6	905.01.00	PVC Pipe	Diamond Plastics Corp.	n/a	12/10/2007-3/2020
7	905.01.00	PVC Pipe	ETI/Uponor	4" and larger DR18 1-1/2" and 2" SDR 21	12/10/2007-3/2020
8	905.01.00	PVC Pipe	JM Eagle	C-900 Blue Brute (4" to 12")	5/23/2016
9	905.01.00	PVC Pipe	National Pipe & Plastics, Inc.	n/a	12/10/2007
10	905.01.00	PVC Pipe Joint Harness Restraints	EBAA	1500 (4" to 12")	5/23/2016
11	905.01.00	PVC Pipe Joint Harness Restraints	EBAA	2200 (14" to 48")	12/10/2007
12	905.01.00	PVC Pipe Joint Harness Restraints	Romac Industries, Inc.	Style 611	12/10/2007
13	905.01.00	PVC Pipe Mechanical Joint Fitting Restraints	EBAA	2000 PV (4" to 36")	12/10/2007
14	905.01.00	PVC Pipe Mechanical Joint Fitting Restraints	EBAA	2200 (42" to 48")	12/10/2007
15	905.01.00	PVC Pipe Mechanical Joint Fitting Restraints	Romac Industries, Inc.	GripRing Series (4" to 12")	12/10/2007
16	905.01.00	PVC Pipe Mechanical Joint Fitting Restraints (Wedge Action Restraint for PVC Pipe)	Sigma	One-Lok Series SLCE (3" to 36")	6/21/2013
17	905.01.00	PVC Pipe Mechanical Joint Fitting Restraints (Wedge Action Restraint for PVC Pipe)	SIP Industries	EZPVC (4" to 12")	9/12/2017

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

18	905.01.00	Schedule 40 PVC	North American Pipe Corporation	Fittings (up to nominal pipe size 12)	6/21/2013
19	905.01.00	Schedule 40 PVC Fittings	Charlotte Pipe and Foundry	Fittings (up to nominal pipe size 12)	6/21/2013
20	905.01.02	SDR 35 Gasketed Sewer Fittings	IPEX (Multi Fittings)	Ring Tight (nominal pipe sizes 4 to 12)	6/21/2013
21	905.01.02	SDR 35 Gasketed Sewer Fittings	Multi Fittings	45° WYE, 45° Elbow, Plug and Cap	6/21/2013
22	905.01.02	SDR 35 Pipe	North American Pipe Corporation	n/a	6/21/2013
23	905.01.02	Elastomeric Gravity Sewer fittings	Fernco	1000 RC Series Shielded PVC Couplings (4" to 12")	1/6/2014
24	905.01.02	SDR 35 Gravity Sewer Saddle	The General Engineering Company	Type "PVC/U" Model "H" (6" to 24")	1/6/2014
25	905.01.02	Elastomeric Gravity Sewer fittings	Fernco	1000 RC Series Shielded PVC Couplings	1/6/2014
26	905.01.05	PVC Pressure Pipe	CertainTeed	Certa-lok Restrained Joint C900RJ	6/21/2013
27	905.01.05	Tracer Wire	Kris Tech Wire Company	n/a	6/21/2013-03/2020
28	905.02.00	Electrofusion Service Saddle	Isco Industries	Frialen Series VA & VA-TL	12/10/2007
29	905.02.00	Electrofusion Service Saddle	Performance Pipe Company	n/a	12/10/2007-03/2020
30	905.02.00	HDPE Pipe	Isco Industries	n/a	12/10/2007-03/2020
31	905.02.00	HDPE Pipe	Performance Pipe Company	Driscoplex Series 4000 (For Ductile Iron Pipe Sizes)	12/10/2007
32	905.02.01	HDPE Pipe for Storm Drains	Advanced Drainage Systems, Inc. (ADS / Hancor)	HDPE 15" - 30" diameter	3/14/2019
33	905.02.01	HDPE Pipe for Storm Drains	Lane Enterprises, Inc.	HDPE 15"-30" diameter	3/14/2019
34	905.04.02	Prestressed Concrete Cylinder Pipe (PCCP)	Hanson Pipe and Products, Inc.	n/a	12/10/2007-03/2020
35	905.04.02	Prestressed Concrete Cylinder Pipe (PCCP)	Price Brothers	n/a	12/10/2007-03/2020
36	905.04.02	Prestressed Concrete Cylinder Pipe (PCCP)	Vianni Pipe, Inc.	n/a	12/10/2007-03/2020
37	905.05.02	PVC Pipe Fitting SDR35 Plugs 4" to 12"	GPK Products, Inc.	112-0004 & 112-0012	5/23/2016
38	905.05.02	PVC Pipe Fitting SDR35 Wyes 4" to 12" Main w/4"branches GXGXG	GPK Products, Inc.	107-0044 & 107-0124	5/23/2016

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

39	905.05.02	PVC Pipe Fitting SDR35 Wyes 6" to 12" Main w/6"branches GXGXG	GPK Products,Inc.	107-0066 & 107-0126	5/23/2016
40	905.05.02	PVC Pipe Fitting SDR35 Gasketed Caps 4" to 12"	GPK Products,Inc.	111-0004 & 111-0012	5/23/2016
41	905.05.02	PVC Pipe Fitting SDR35 Solvent Weld Caps 4" to 12"	GPK Products,Inc.	211-0004 & 211-0012	5/23/2016
42	905.05.02	PVC Pipe Fitting SDR35 45 - 4" to 12" GXG	GPK Products,Inc.	121-0004 & 121-0012	5/23/2016
43	905.05.02	PVC Pipe Fitting SDR35 45 - 4" to 12" SXG	GPK Products,Inc.	122-0004 & 122-0012	5/23/2016
44	905.05.02	PVC Pipe Fitting SDR35 90 - 4" to 12" GXG	GPK Products,Inc.	123-0004 & 123-0012	5/23/2016
45	905.05.02	PVC Pipe Fitting SDR35 45 Long Sweep - 4" & 6" SXG	GPK Products,Inc.	922-L4 & 922-L6	5/23/2016
46	905.05.02	PVC Pipe Fitting SDR35 4X6 Reducer GXG	GPK Products,Inc.	109-0046	5/23/2016
47	905.05.02	PVC Pipe Fitting SDR35 4" to 12" Manhole adapters	GPK Products,Inc.	916-0004 & 116-0012	5/23/2016
48	905.10.00	Ductile Iron Fittings, Specialty	One Bolt, Inc.	One Bolt Fittings	12/10/2007
49	905.10.00	Ductile Iron Pipe	Atlantic States/McWane Inc.	Tyton	6/21/2013
50	905.10.00	Ductile Iron Joint Restraint	Ford Meter Box Company	UFR 1400	6/21/2013
51	905.10.00	MJ Gasket	Clow Valve Co.	Field Lok (4"-12" diameter)	12/10/2007
52	905.10.00	MJ Pipe Adapters	INFACT Corp.	Foster (4" to 16")	12/10/2007
53	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint	EBAA Iron Inc.	Megalugs	12/10/2007
54	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint	Romac Industries, Inc.	GripRings (4" to 12")	12/10/2007
55	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint	Smith-Blair	Cam-Lok	12/10/2007
56	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint	Star Pipe Products	Series 3000 retainer gland	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

57	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint (Wedge Action Restraint for DIP)	Sigma	SLDE (3" to 48")	6/21/2013
58	905.10.00 905.11.00	Ductile Iron Pipe and Fittings	American Cast Iron Pipe Company	n/a	12/10/2007
59	905.10.00 905.11.00	Ductile Iron Pipe and Fittings	Griffin Pipe Products Company	n/a	12/10/2007 03/2020
60	905.10.00 905.11.00	Ductile Iron Pipe and Fittings	US Pipe	n/a	12/10/2007 03/2020
61	905.10.00 905.11.00	Ductile Iron Push-On Joint Restraint	American Cast Iron Pipe Company	Flex-Ring	12/10/2007
61	905.10.00 905.11.00	Ductile Iron Push-On Joint Restraint	Griffin	Snap-Lok	12/10/2007
62	905.10.00 905.11.00	Ductile Iron Push-On Joint Restraint	US Pipe	Field Lok	12/10/2007
63	905.10.00 905.11.00	Ductile Iron Push-On Joints	American Cast Iron Pipe Company	Fastite	12/10/2007
64	905.10.00 905.11.00	Ductile Iron Push-On Joints	US Pipe	Tyton	12/10/2007
65	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint	Star Pipe Products	Compact Mechanical Joint	6/21/2013
66	905.10.00 905.11.00	Ductile Iron Mechanical Joint Restraint	Tyler/Union	Compact Mechanical Joint	6/21/2013
67	905.11.00	Ductile Iron Service Saddle	Smith Blair	#313 Flexi-Coat Epoxy, Ductile Iron, Double Bale (DIP only)	6/21/2013
68	905.11.00	Specialized Pipe Lining	American Cast Iron Pipe Company	Fusion Bonded Epoxy	12/10/2007
69	905.11.00	Specialized Pipe Lining	LaFarge	Sewper Coat	12/10/2007
70	905.11.00	Specialized Pipe Lining	US Pipe and Foundry	Permafuse Epoxy	12/10/2007
71	905.13.00	Insulated Steel Coupling	Smith Blair	416	12/10/2007
72	905.13.00	Steel Coupling	Smith Blair	411	12/10/2007
73	905.13.00	Steel Pipe and Fittings	American	n/a	12/10/2007 03/2020
74	905.13.00	Steel Pipe and Fittings	Northwest	n/a	12/10/2007 03/2020
75	921.00.00	Weatherproofing Sealant	Tremco Incorporated	Vulkem 116	12/10/2007
76	960.06.01	Wastewater Flow Meters	Rosemount	8700 Series	12/10/2007
77	960.06.02	Water Flow Meters (universal Venturi)	BIF	Universal Venturi Tube	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

78	960.07.02	Level Measurement-System	Milltronics	Hydroranger transmitter with-Echomax transducer	12/10/2007
79	960.08.00	Programmable Logic-Controllers (PLC)	USFilter/ Autocon	n/a	12/10/2007-03/2020
80	960.08.00	Variable Frequency Drives (VFD)	Danfoss	VLT	12/10/2007
81	961.01.00	Resilient Seat Gate Valves	Clow	Resilient Seat Gate Valves (14" to 36")	12/10/2007
82	961.01.00	Resilient Seated Gate Valves	American AVK	Series 25 (4" to 12") Series 55 (18" to 24")	12/10/2007
83	961.01.00	Resilient Seated Gate Valves	American Flow Control	Series 2500 (4" to 36")	1/11/2012
84	961.01.00	Resilient Seated Gate Valves	Kennedy Valve	Kenseal II Series (4" to 12")	12/10/2007
85	961.01.00	Resilient Seated Gate Valves	M&H	4067 (14" to 36")	12/10/2007
86	961.01.00	Resilient Seated Gate Valves	Mueller Company	A-2360 (4" to 12") A-2361 (14" to 36")	12/10/2007
87	961.01.00	Resilient Seated Gate Valves	J&S Valve®	Series 6900 (4" to 36")	9/12/2017
88	961.02.00	Butterfly Valves	Keystone Valve	Figure 47 (30" to 48")	12/10/2007
89	961.02.00	Butterfly Valves	M&H	Style 1450 (30" to 48")	12/10/2007
90	961.02.00	Butterfly Valves	Mueller Company	Lineseal III (30" to 48")	12/10/2007
91	961.03.01	Sewage Air Vacuum/air Release valves	Cla-Val	30 Series valves	12/10/2007
92	961.03.01	Sewage Air/Vacuum and Air Release Valves	APCO	Series 400	12/10/2007 1/5/17 rev.
93	961.03.01	Sewage Air/Vacuum and Air Release Valves	A.R.I. USA	D-025 (nylon body) D-020 (stainless steel)	1/11/2012
94	961.03.01	Sewage Air/Vacuum and Air Release Valves	Golden Anderson	Figure-935	12/10/2007
95	961.03.02 W-4.11	Water Air/Vacuum Valves	APCO	Series 200A	12/10/2007 1/5/17 rev.
96	961.03.02 W-4.11	Water Air/Vacuum Valves	A.R.I. USA	D-040 (Combination)	1/11/2012
97	961.03.02 W-4.11	Water Air/Vacuum Valves	Cla-Val	30 Series valves	12/10/2007
98	961.03.02 W-4.11	Water Air/Vacuum Valves	NIBCO	T-113-LF S-113-LF (upto 3")	5/23/2016 1/5/17 rev.
99	961.03.02 W-4.11	Water Air/Vacuum Valves	Valmatic	Series 100	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

100	961.04.00	Pressure Reducing Valves (PRV) for Water Service	Bermad	Series 700 (4" and larger)	12/10/2007
101	961.04.00	Pressure Reducing Valves (PRV) for Water Service	Cla-Val	Series 90 (4" and larger)	12/10/2007
102	961.04.00	PRV Flow Metering Option	Cla-Val	131-VC-3T	12/10/2007
103	961.05.00	Electrofusion style (HDPE only)	ISCO	Fialen VA	12/10/2007
104	961.05.00	Tapping Sleeves	Cascade	CST-EX	12/10/2007
105	961.05.00	Tapping Sleeves	Ford Meter Box Company	FAST Style	12/10/2007
106	961.05.00	Tapping Sleeves	Mueller Company	H-304	12/10/2007
107	961.05.00	Tapping Sleeves	Romac Industries, Inc.	SST (DIP & PVC) SST-H (HDPE)	12/10/2007
108	961.05.00	Tapping sleeves	Smith Blair	660 series stainless steel	12/10/2007
109	961.05.00	JCM All Stainless Steel Tapping Sleeve, 2" to 12"	JCM Industries	452-Flange Outlet	3/28/2018
110	961.05.00	JCM All Stainless Steel Tapping Sleeve, 2" to 12"	JCM Industries	459-Mechanical	3/28/2018
111	961.05.00	Valves for Tapping Sleeves	American Flow Control	Series 2500	12/10/2007
112	961.05.00	Valves for Tapping Sleeves	AVK	Series 25	12/10/2007
113	961.05.00	Valves for Tapping Sleeves	Kennedy Valve	Kenseal II Series	12/10/2007
114	961.05.00	Valves for Tapping Sleeves	M&H	4751 (4" to 12")	12/10/2007
115	961.05.00	Valves for Tapping Sleeves	Mueller Company	T-2360 (2" to 12")	12/10/2007
116	961.05.00	Valves for Tapping Sleeves	US Pipe & Foundry	Metroseal 250 (4" to 16")	12/10/2007
117	961.06.00	Roadway Valve Boxes	Bingham&Taylor	4906, 4909-E, 4905-X	12/10/2007
118	961.06.00	Roadway Valve boxes	East Jordan Iron works	Slide Type	12/10/2007
119	961.06.00	Roadway Valve Boxes	Mueller Company	H-10360	12/10/2007
120	961.06.00	Roadway Valve Boxes	Sigma Casting	Slide and Screw Type	6/21/2013

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

121	961.06.00	Valve Box Adaptor	Adaptor, Inc.	Valve Box Adaptor II	12/10/2007
122	961.06.00	Valve Box Adjustment Risers	Bingham & Taylor	Rite Hite	12/10/2007
123	961.06.00	Valve Box Adjustment Risers	Tyler/Union	#69	12/10/2007
124	961.07(b)	Fire Hydrants (paint)	Duron Dura Clad (finish coat)	DTM Acrylic Coating, High Gloss, Safety Orange, #95-31511	12/10/2007
125	961.07(b)	Fire Hydrants (paint)	Duron Dura Clad (Primer)	Terminator 2, Water base stain killer, Interior/Exterior Primer/sealer, White #7121811	12/10/2007
126	961.07.00	Fire Hydrants	American Darling	B-84-B-5	12/10/2007
127	961.07.00	Fire Hydrants	AVK	Series 2780	12/10/2007
128	961.07.00	Fire Hydrants	Clow	Medallion	12/10/2007
129	961.07.00	Fire Hydrants	Kennedy Valve	K81 Guardian	12/10/2007
130	961.07.00	Fire Hydrants	Mueller Company	Centurion	12/10/2007
131	961.08.01	Type K Copper Pipe	Cambridge - Lee Industries, LLC	Type K (1/4" to 2")	5/23/2016
132	961.08.01	Type K Copper Pipe	Howell Metal Company	Type K (1/4" to 2")	6/21/2013
133	961.08.01	Type K Copper Pipe	Mueller Company	Type K (1/4" to 2")	6/21/2013
134	961.08.02	Three Part Unions	A.Y. McDonald	74758 N/L flare, or 74758Q compression w/ grip ring	1/6/2014
135	961.08.02	Three Part Unions	Ford Meter Box Company	C22	12/10/2007
136	961.08.02	Three Part Unions	Mueller Company	15400	12/10/2007
137	961.08.03	Corporation Stops	A.Y. McDonald	74701 Ball Corp w/Flare, 74701BQ compression w/grip ring	1/6/2014
138	961.08.03	Corporation Stops	Ford Meter Box Company	F-600	12/10/2007
139	961.08.03	Corporation Stops	Mueller Company	B25008N Ballcorp with flare end or compression w/grip ring	1/6/2014
140	961.08.04	Curb Stops	A.Y. McDonald	76100 Ball Style curb stop flare x flare, 76100Q compression ball style w/grip	1/6/2014

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

141	961.08.04	Curb Stops	Ford Meter Box Company	B22	12/10/2007
142	961.08.04	Curb Stops	Mueller Company	B25209N ball style with flare end or compression w/grip ring	1/6/2014
143	961.08.05	Outside Meter Setting Assembly	Ford Meter Box Company	Double Assembly # B 95141-10 (contd.) (Factory assembled)	12/10/2007
144	961.08.05	Outside Meter Settings 1" and Smaller	AY MacDonald	714G421wTQQ66x300 factory assembled	1/6/2014
145	961.08.05	Outside Meter Settings 1" and Smaller	Ford Meter Box Company	Y501 (5/8") Y503 (3/4") Y504 (1")	12/10/2007
146	961.08.05	Outside Meter Settings 1" and Smaller	Mueller Company	H-5010 (5/8") H-5030 (3/4") H-5040 (1")	12/10/2007
147	961.08.05	Outside Meter Setting 1" and smaller	Mueller Company	013B5041----07N (Factory Assembled)	3/28/2018
148	961.08.06	Outside Meter Setting Assembly Twin Service assembly	AY MacDonald	714H421wTQQ66x300 factory assembled	1/6/2014
149	961.08.06	Outside Meter Setting Assembly Twin Service assembly	Ford Meter Box Company	B95141-10 (double assembly)	12/10/2007
150	961.08.06	Outside Meter Setting Assembly Twin Service Assembly)	Mueller Company	013B5042----07N (Factory Assembled)	3/28/2018
151	961.08.06	Twin Service Connections	Ford Meter Box Company	Angle "U" branch	12/10/2007
152	961.08.07	¾" and 1" Inside Meter Setting	Ford Meter Box Company	Copperhorn Series	12/10/2007
153	961.08.07	¾" and 1" Inside Meter Setting	Mueller Company	H-1412	12/10/2007
154	961.08.08	1 ½" and 2" copper water meter setting fittings	A.Y. McDonald	721R615WWFF 665 1 ½" 721R715WWFF 775 2" Factory assembled	1/6/2014
155	961.08.08	1 ½" and 2" copper water meter setting fittings	Ford Meter Box Company	VV76-15-HB-11-66 (1 ½") VV77-15-HB-11-77 (2")	12/10/2007
156	961.08.08	1 ½" and 2" copper water meter setting fittings	Mueller Company	H-1423-9900	12/10/2007
157	961.08.09	Service Saddles	Ford Meter Box Company	F202 (DIP) FC202 (PVC)	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

158	961.08.09	Service Saddles	Mueller Company	DR2A (DIP) DR2S (PVC)	12/10/2007
159	961.08.09	Service Saddles	Romac Industries, Inc.	202NS (6" to 24")	1/6/2014
160	961.08.09	Service Saddles	Smith Blair	317 Series, double strap, for C900 pipe; 397 series, single strap, for C900 PVC	9/26/2018
161	961.08.09	Service Saddles	A.Y. McDonald	4825A epoxy coated (DIP) 4845A epoxy coated (PVC)	1/6/2014
162	961.08.10	Curb stop boxes	A.Y. McDonald	Series 5602	12/10/2007
163	961.08.10	Curb stop boxes	Armor Access Box	Curb Service Box series- (PVC)	12/10/2007
164	961.08.10	Curb stop boxes	Ford Meter Box Company	Arch Base Design (Cast iron)	12/10/2007
165	961.08.10	Curb stop boxes	Ford Meter Box Company	EA2 Series	12/10/2007
166	961.08.10	Curb stop boxes	Mueller Company	H-10316 (1") H-10336 (1 ½" to 2")	12/10/2007
167	961.08.11	Meter Box	DFW Plastics	DFW-1830T	6/21/2013
168	961.08.11	Meter Box Cover and Frame	A.Y. MacDonald	75M53AT A Style 15 x 20 single 75M53ATT A Style 15 x 20 twin	1/6/2014
169	961.08.11	Meter Box Cover and Frame	Ford Meter Box Company	A53-T 15" Type A single A53-TT 15" Type A twin A32-T 12" Type A single	1/6/2014
170	961.08.11	Meter Box Cover and Frame	Vestal	32-072 RMRC-215L 20"x15" R&C W/SN	1/6/2014
171	961.08.11	Meter Boxes	Armor Access Box	Utility Meter Box series	12/10/2007
172	961.08.11	Meter Boxes	Garson Brooks-Plastics, Inc.	2200 Series	12/10/2007
173	961.08.11	Meter Boxes	Ford Meter Box Company	Monitor Lid and Frame No. MC-24-TT	12/10/2007
174	961.08.11	Meter Boxes	Horne Concrete-Construction	24"X30" concrete MV- 30"X30" concrete MV	1/6/2014
175	961.08.11	Meter Boxes	Rhino Water Meter Boxes	MB Series	12/10/2007
176	961.08.11	Meter Boxes	Mayer Bros., Inc	24"X30" concrete MV- 30"X30" concrete MV	1/6/2014

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

177	961.08.11	Meter Frame Extension Rings	A.Y. McDonald	20"X24" & 20"X 30"	1/6/2014
178	961.08.11	Meter Frame Extension Rings	Bingham & Taylor	20"X24" & 20"X 30"	1/6/2014
179	961.08.11	Meter Frame Extension Rings	Vestal	20"X24" & 20"X 30"	1/6/2014
180	961.08.11	Meter Boxes Frame & Cover	Bingham & Taylor	BTA Frames and covers for 12" only	6/21/2013
181	961.08.11	Meter Boxes Frame & Cover	Capital Foundry	Capital Foundry	6/21/2013
182	961.08.11	Meter Boxes Frame & Cover	Ford Meter Box Company	A 32C	6/21/2013
183	961.08.12	Meter Boxes	DFW Plastics	Model Number 2452030TP	12/10/2007
184	961.09.00	Meter Vaults	Clearflow	n/a	12/10/2007-03/2020
185	961.09.00	Meter Vaults	Smith-Midland	n/a	12/10/2007-03/2020
186	961.09.00	Meter Vaults- Flange adapters	Sigma	Sigma Zip Flanges, ZF2 (standard, 2"-8" @ 200 psi rating/ 10"-12" @ 175 psi rating) series field installed flange adapters for use in large water meter settings.	1/11/2012
187	961.09.00	Water Meter Vaults	AC Miller	Pre-Cast	12/10/2007
188	961.10.00	Blow-Off Hydrants	John C. Kupferle Foundry Co.	Eclipse No. 85	12/10/2007
189	961.10.00	Blow-Off Hydrants	Mueller Company	A-408	12/10/2007
190	961.11.01	Grinder Pumps	Delta Environmental	D Series	12/10/2007
191	961.11.01	Grinder Pumps	Environment One	2000 Series	12/10/2007
192	961.11.02	Union Ball Valves	Environment One	-	12/10/2007-03/2020
193	961.11.02	Union Ball Valves	Mueller Company	B-25000N	6/21/2013
194	961.11.02	Union Ball Valves	Vortex Pump, LLC	V-1000	12/10/2007
195	961.11.03	Check Valves	Environment One	-	12/10/2007-03/2020
196	961.11.03	Check Valves	Flo Control, Inc.	1720	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

197	962.00.00	Manhole Insert	Urban Environmental Products	The Man-Pan	12/10/2007
198	962.01.00	Flexible Connectors for Structures, Pipes and Laterals	NPC Inc.	Kor-N-Seal	12/10/2007
199	962.01.00	Flexible Connectors for Structures, Pipes and Laterals	Press-Seal Gasket Corporation	-	12/10/2007-03/2020
	962.01	Tylox XT Connector, Cast-in, Push-fit Sanitary Sewer Connector	Hamilton Kent, LLC	XT04, XT06, XT08, XT10, XT12, XT15 (fits 4" to 15" pvc pipe)	2/18/2020
	962.01	Tylox WT+ Connector, Cast-in, Push-fit Sanitary Connector	Hamilton Kent, LLC	WT, WT+3, WT+4, WT+5 (fits 4" to 15" pipes)	2/18/2020
	962.01	Tylox Cast-in Boot Connector	Hamilton Kent, LLC	CIB04, CIB06, CIB08, CIB10 (Pipe O.D. Range 4" to 8")	2/18/2020
	962.01	Tylox SuperSeal (RSS) Pre-lubricated Profile Gasket for Single offset joints on Round	Hamilton Kent, LLC	135, 165, 170, 185, 200, 200L, 225, 245 (12" to 36" pipe diameter)	2/18/2020
	962.01	Kent Seal No. 2 Premium Grade Butyl Rubber Sealant	Hamilton Kent, LLC	Butyl Sealant 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	
200	962.03.00	Sanitary Sewer Heavy-Traffic Manhole Frame and Cover	Capitol Foundry	-	12/10/2007-03/2020
201	962.03.00	Sanitary Sewer Heavy-Traffic Manhole Frame and Cover	Chesapeake Foundries, Inc.	C313-365	12/10/2007
202	962.03.00	Straight Wall Manhole Frame and Lid	Chesapeake Foundries, Inc.	C313-300	12/10/2007
203	962.03.00	Straight Wall Manhole Frame and Lid	East Jordan Iron Works, Inc.	154513	12/10/2007
204	962.05.00	Concrete Manhole-Adjustment rings	Prism Precast-Products		12/10/2007-03/2020
205	962.05.00	HDPE Manhole Riser	Ladtec, Inc.	n/a	12/10/2007-03/2020
206	962.05.00	Precast Rubber Grade-Rings	American Highway-Products LTD.	n/a	12/10/2007-03/2020
207	962.05.00	Steel Expandable Manhole Riser	American Highway Products LTD.	Pivoted Turnbuckle Manhole Riser	12/10/2007
208	962.06.00	Manhole Interior Liners	Agru	Sure-Grip HDPE Liner	12/10/2007
209	962.06.00	Manhole Interior Liners	Ameron-International	T-Lok	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

210	963.02.04	Liner Plate Tunnel	American-Commercial	-	12/10/2007-03/2020
211	963.02.04	Liner Plate Tunnel	Armece	-	12/10/2007-03/2020
212	963.02.04	Liner Plate Tunnel	LTV-Steel	-	12/10/2007-03/2020
213	963.03.00	Casing End Seals	Advance Products & Systems	Model AC	12/10/2007
214	963.03.00	Casing End Seals	Maloney Technical Products	Multiflex	12/10/2007
215	963.03.00	Casing End Seals	Pipeline Seal & Insulator, Inc.	Model S or C	12/10/2007
216	963.03.00	Casing End Seals	CCI Pipeline Systems	ESW and ESC	9/12/2017
217	963.04.00	Casing- Spacer/Insulators	Advance Products & Systems		12/10/2007-03/2020
218	963.04.00	Casing- Spacer/Insulators	Cascade-Waterworks-Manufacturing Co.		12/10/2007-03/2020
219	963.04.00	Casing- Spacer/Insulators	Pipeline Seal and Insulator, Inc.		12/10/2007-03/2020
220	963.04.00	Casing Spacer/Insulators	RACI North America, Inc.	Varies	12/10/2007
221	963.04.00	Casing Spacer/Insulators	CCI Pipeline Systems	CSS8 and CSS12 (Stainless Steel)	9/12/2017
222	964.04.02	Cured in place Manhole-Liner	Poly-Triplex-Technologies	Poly triplex Liner System	12/10/2007
223	964.04.02	Cured in place Manhole Liner	Terre Hill	Multi-plex	12/10/2007
224	964.04.02	Spray on Epoxy Manhole Liner	Raven	Raven 400S	12/10/2007
225	964.04.02	Spray on Epoxy Manhole Liner	Terre Hill	Hydropoxy	12/10/2007
226	966.01.00	Grinder Pumps	Environment One	2000 series	12/10/2007
227	966.01.00	Grinder Pumps	Vortex Pump, LLC	V-1000	12/10/2007
228	966.03.02	Ball Valves	Hayward	Industrial Series	12/10/2007
229	967.03.00	External Coating for Steel Pipe	Polyken Technologies	YGIII System	12/10/2007
230	967.04.00	External Coating for Prestressed Concrete Pipe	Tnemec Company, Inc.	46H-413	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

231	967.07.00	External Coating for Non-Welded Steel Pipe Joints	Polyken Technologies	YGIII System	12/10/2007
232	967.08.00	External Coating for Welded Steel Pipe Joints	Polyken Technologies	YGIII System	12/10/2007
233	967.09.00	Field Applied Coating for Insulating Flanges, Insulating Couplings, Mechanical Joints, and Insulating Corporation Stops	Denso North America, Inc.	Denso Paste Denso Profiling Mastic Denso Tape Denso Utility Tape	12/10/2007
234	967.09.00	Field Applied Coating for Insulating Flanges, Insulating Couplings, Mechanical Joints, and Insulating Corporation Stops	Trenton Corporation	Wax-Tape Primer Fill-Putty #1 Wax-Tape Glas-Wrap	12/10/2007
235	967.10.00	Prepackaged Magnesium Anodes	Stuart Steel Protection Corporation		12/10/2007
236	967.11.00	Magnesium Ribbon-Anodes	Dow Magnesium		12/10/2007 03/2020
237	967.12.00	Prepackaged Zinc-Anodes	Stuart Steel Protection Corporation		12/10/2007 03/2020
238	967.13.00	Zinc Ribbon Anodes	The Platt Brothers & Company		12/10/2007 03/2020
239	967.14.00	Test Stations	CP Test Services, Inc.	NM-7	12/10/2007
240	967.17.00	Current Measuring Shunt	Cott Manufacturing Company	Yellow	12/10/2007
241	967.18.00	Compression Connectors	Burndy Corporation	YC-C	12/10/2007
242	967.19.00	Electrical Tape	3M Company	Scotch 88 Vinyl Tape Scotch C130 Rubber Tape	12/10/2007
243	967.20.00	Copper/Copper Sulfate-Reference Electrode	Electrochemical-Devices, Inc.	UL-CUG-SW	12/10/2007
244	967.21.00	Silver/Silver Chloride-Reference Electrode	Electrochemical-Devices, Inc.	UL-AGG-SW	12/10/2007
245	967.24.00	Thermite Weld-Equipment	Erico, Inc.		12/10/2007 03/2020
246	967.25.00	Coating for Thermite Welds to Prestressed Concrete Pipe	Royston Laboratories Division	Roskote R28	12/10/2007

HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)

247	967.25.00	Coating for Thermite Welds to Steel and Ductile Iron	Royston Laboratories Division	Handy-Cap 747 Primer	12/10/2007
248	967.26.00	Insulating Flanges	Advance Products & Systems, Inc.	Trojan	12/10/2007
249	967.27.00	Insulating Couplings	Dresser Industries	Style 39 Insulating Coupling	12/10/2007
250	967.28.00	Insulating Corporation Stops	Mueller Company	300 Corporation Ball Valve	12/10/2007
251	967.29.00	Mastic	Royston Laboratories Division	Roskote R28	12/10/2007
252	967.30.00	Linked Rubber Seal	Thunderline Corporation	Link Seals	12/10/2007
253	967.31.00	Insulated Casing Spacers	Advance Products & Systems, Inc.	SSI	12/10/2007
254	967.31.00	Separator Mesh	Stuart Steel Protection Corporation	Diamond Rockstop	12/10/2007
255	4009.03.02	Sewer Cleanout	Horne Concrete-Construction	Cleanout Block	6/21/2013
256	4009.03.02	Sewer Clean-outs	Prism Precast-Products	-	12/10/2007-03/2020
257	Storm Drain Details	Curved Vane Inlets Grates	Neenah Foundry Company	(1998, County limited grate use substitution for new and existing grates in WR inlets.)	12/10/2007
258	Storm Drain Details	'S' Cast Iron Vane-Grates	East Jordan Iron-Works, Inc.	-	12/10/2007-03/2020
259	none	Dry Pit Submersible Pumps	Fairbanks Morse	2430WD 5430WD	12/10/2007
260	none	Dry Pit Submersible Pumps	Flowserve	MSX	12/10/2007
261	none	Dry Pit Submersible Pumps	Flygt	T Series	12/10/2007
262	none	Dry Pit Submersible Pumps	KSB	Sewatec Series	12/10/2007
263	none	Flowmeters	ABB	MagMaster	12/10/2007
264	none	Flowmeters	Krohne	Aquaflux	12/10/2007
265	none	Pump Check Service Valve	Bermad	700 Series	12/10/2007
266	none	Pump Check Service Valve	Cla-Val	60 series	12/10/2007
267	none	Suction Lift Pumps	Gorman Rupp	Super T series	12/10/2007

**HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
ACCEPTED MATERIALS LIST
Published on-line since 2007 (Updated 3/29/2021)**

268	none	Suction Lift Pumps	Smith & Loveless	#501 MG	12/10/2007
269	none	Swing Check Valve	M&H Valve Co.	Figure 159	12/10/2007
270	none	Swing Check Valve	Valmatic	Flex Swing #508A	12/10/2007
271	none	Water Pumps (horizontal split case)	Gould Pumps	3400 Series	12/10/2007
272	none	Water Pumps (Split Case)	Fairbanks Nijhuis	2800 5800	12/10/2007
273	none	Water Pumps (Split Case)	Flowserve	LN LNN	12/10/2007
274	none	Water Pumps (Split Case)	Patterson	Horizontal Split-Case	12/10/2007
275	none	Wet Well Submersible Pumps	Fairbanks Nijhuis	2430M&W 5430M&W	12/10/2007
276	none	Wet Well Submersible Pumps	Flowserve	MSX	12/10/2007
277	none	Wet well Submersible Pumps	Flygt	3000 series	12/10/2007
278	none	Wet well Submersible Pumps	KSB	KRT	12/10/2007

applicants to provide data in the above format



HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

7125 Riverwood Drive, Suite B ■ Columbia, Maryland 21046 ■ 410-313-2414

Thomas E. Butler, P.E., Deputy Director of Public Works
Engineering, Development and Construction
www.howardcountymd.gov

FAX 410-313-6144
TDD 410-313-2323

Material Selection Committee Submittal and Review Process March 29, 2021

The Approved Materials List exists to expedite construction in Howard County by identifying the products that are approved for use on site construction projects throughout the County. The Approved Materials List is not intended to be an exhaustive list of all materials acceptable for use in road, utility, and storm water management new construction. Vendors and manufacturers are added to the List after their petition is reviewed and approved by the Material Selection Committee. Construction materials that are included on the list are for use throughout the Howard County. Construction materials with limited applications or conditional approval are appropriately approved on a case-by-case basis per project. The Project Manager presides over such approvals on a given Capital Project. Developer Projects may seek a Waiver of Design Standards through the Department of Planning and Zoning during the design review process. Please submit a separate petition package for each material to be reviewed. Send all petitions and samples for the Material Selection Committee review/approval to:

**Material Selection Committee Chairman
John Seefried P.E., Deputy Bureau Chief
Howard County DPW, Bureau of Engineering
7125 Riverwood Drive, Suite B
Columbia, MD 21046**

The Chairman of the Material Selection Committee will have staff review the submittals for completeness and then distribute the materials for consideration by the appropriate Public Works Staff. The Material Selection Committee convenes as work schedules allow. The Committee will approve, deny or table the petitions. A written response will be provided to the applicant from the Committee Chairman. Petitions for inclusion on the List shall be as described below.

Petitions shall include seven hardcopies of:

- A) A concise description of the material along with the manufacture's specifications, photographs and / or sketches of the material, and the installation procedures. Where multiple materials are shown on various literature, please highlight the material pertaining to the specific submittal and cross through/strikeout any information not pertaining to this submittal.
- B) Show the reference information, description, manufacturer, and model number as you desire it to be shown on the Approved Materials List. The last page of the current approved list is left blank for your convenience in populating the list.

	Reference	Product Description	Manufacturer	Model Number (Details)
<i>Example A</i>	905.01	PVC Pipe for Roadway Projects	XYZ Inc.	Sure Drain 4"-18" Diameter Pipe
<i>Example B</i>	905.01	PVC Perforated Underdrain	XYZ Inc.	Underdrain 6000 3"-6" Diameter Pipe

- C) Written certification that the material "complies completely" with all published Howard County specifications, details, and design guidelines. The certification shall call-out the Howard County Details and/or Specifications that apply to your product and document how each standard has been met. The Design Manuals are posted on the Howard County, Public Works Department, Bureau of Engineering web page:

<https://www.howardcountymd.gov/Departments/Public-Works/Bureau-Of-Engineering>

If the material, as proposed, deviates in any way from Howard County Standards, the specific exception must be documented and explained in detail in the petition.

Example A - Sure Drain PVC Pipe for Roadway Projects in nominal pipe diameters of 4, 6, 8, 12 & 18 inches completely complies with the Howard County Volume IV Specification 905.01.01 and associated SHA Standards. Attached is a certified study by the University of Wisconsin dated 3/12/2012 showing that Sure Drain meets or exceeds the requirements of AASHTO M304 and ASTM D3034. Please note that the attached study was performed under ASTM D3035 criteria which is more stringent in requiring 2000lb loading vs. 1000lb loading under ASTM D3034.

The certification shall be signed by official officer within the company.

- D) Testimonials, references and / or contact information for other local jurisdictions within the State of Maryland that have approved the use of the submitted materials (For example - Baltimore City, Baltimore County, Anne Arundel County, Maryland State Highway Administration, MDE, WSSC, etc.)

Additional Requirements:

- E) If applicable, manufacturer field installation guidelines shall be submitted. The guidelines should explain the proper way of storing the materials, installing the materials and testing the materials in the field.
- F) In cases where the material requires structural design, three additional copies (for a total of ten copies) of the engineering computations and drawings with an original seal and signature of a Professional Engineer registered in the State of Maryland shall accompany the submittal.
- G) In cases where field testing is needed by Howard County, the County will request samples. Howard County will then evaluate and analyze the performance of the material that has been submitted.

Submittals of complete petitions are required prior to any consideration by the Material Selection Committee. Applicants will be notified in writing by the Material Selection Committee Chairman about the decisions of the Committee or the need to provide additional information.