

September 27, 2024

RE: Master Approved Materials List

The following are approved materials for construction in the City of Buckeye. Please note that this list may not represent an exhaustive summary of all material items that may be ultimately required on the subject project nor can all the materials below be used in the R/W. If a contractor wishes to use a material item on a project that is not listed below, it is required to be submitted with all necessary technical documentation to the City for review and approval.

<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>STATUS</u>	<u>REV.</u>	<u>DATE</u>
Drainage Materials:				
<u>Catch Basin Frame & Cover</u>				
Catch Basin Grate – 1930	Deeter Foundry	Approved	1R	07-15-13
Catch Basin Frame & Cover #1722	Deeter Foundry	Approved	1R	11-15-17
Catch Basin Hardware(Angle & Support)	Grate Solutions	Approved	1R	11-15-17
Rebar – #4 Bars – Grade 60	Nina Construction Supply	Approved	2R	12-12-17
Catch Basin Frame & Cover	Bar T Equipment Service	Approved	1R	05-29-18
<u>Storm Drain Pipe:</u>				
12 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
15 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
18 inch class 4 RGRCP	Foley	Approved	1R	07-25-24
24 inch class 3 RGRCP	Foley	Approved	1R	07-25-24
24 inch class 4 RGRCP	Foley	Approved	1R	07-25-24
24 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
30 inch class 3 RGRCP	Foley	Approved	1R	07-25-24
30 inch class 4 RGRCP	Foley	Approved	1R	07-25-24
30 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
36 inch class 3 RGRCP	Foley	Approved	1R	07-25-24
36 inch class 4 RGRCP	Foley	Approved	1R	07-25-24
36 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
42 inch class 3 RGRCP	Foley	Approved	1R	07-25-24
42 inch class 4 RGRCP	Foley	Approved	1R	07-25-24
42 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
48 inch class 3 RGRCP	Foley	Approved	1R	07-25-24
48 inch class 4 RGRCP	Foley	Approved	1R	07-25-24
48 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
54 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
60 inch class 3 RGRCP	Foley	Approved	1R	07-25-24
60 inch class 4 RGRCP	Foley	Approved	1R	07-25-24

60 inch class 5 RGRCP	Foley	Approved	1R	07-25-24
15 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
18 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
24 inch class 3 RGRCP	Rinker	Approved	1R	09-07-21
24 inch class 4 RGRCP	Rinker	Approved	1R	09-07-21
24 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
30 inch class 3 RGRCP	Rinker	Approved	1R	09-07-21
30 inch class 4 RGRCP	Rinker	Approved	1R	09-07-21
30 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
36 inch class 3 RGRCP	Rinker	Approved	1R	09-07-21
36 inch class 4 RGRCP	Rinker	Approved	1R	09-07-21
36 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
42 inch class 3 RGRCP	Rinker	Approved	1R	09-07-21
42 inch class 4 RGRCP	Rinker	Approved	1R	09-07-21
42 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
48 inch class 3 RGRCP	Rinker	Approved	1R	09-07-21
48 inch class 4 RGRCP	Rinker	Approved	1R	09-07-21
48 inch class 5 RGRCP	Rinker	Approved	1R	09-07-21
15 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
18 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
24 inch class 3 RGRCP	Forterra	Approved	1R	07-15-13
24 inch class 4 RGRCP	Forterra	Approved	1R	07-15-13
24 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
30 inch class 3 RGRCP	Forterra	Approved	1R	07-15-13
30 inch class 4 RGRCP	Forterra	Approved	1R	07-15-13
30 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
36 inch class 3 RGRCP	Forterra	Approved	1R	07-15-13
36 inch class 4 RGRCP	Forterra	Approved	1R	07-15-13
36 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
42 inch class 3 RGRCP	Forterra	Approved	1R	07-15-13
42 inch class 4 RGRCP	Forterra	Approved	1R	07-15-13
42 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
48 inch class 3 RGRCP	Forterra	Approved	1R	07-15-13
48 inch class 4 RGRCP	Forterra	Approved	1R	07-15-13
48 inch class 5 RGRCP	Forterra	Approved	1R	07-15-13
<u>HDPE Pipe Fittings</u>				
4-60 inch HDPE pipe fittings	ADS	Approved	1R	07-15-13
<u>Flexible Pipe water stop</u>				
4-12 inch Vertite W-S Waterstop	Vertex	Approved	1R	07-15-13
15 inch and larger Vertite W-S Waterstop	Vertex	Approved	1R	07-15-13

Storm Drain Gaskets

Profile Gasket 12 inch thru 120 inch	J-K Polysource	Approved	1R	07-15-13
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48" Manhole

48"Storm drain manhole	Olsen Pre cast	Approved	1R	07-15-13
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60" Manhole

60"Storm drain manhole	Olsen Pre cast	Approved	1R	07-15-13
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60"Storm drain manhole	Jensen Pre cast	Approved	1R	01-16-18
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Storm Drain Manhole Frame & Cover

Storm drain manhole frame & cover	Neenah Foundry	Approved	2R	01-23-18
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Concrete Flared End Section

Rip Rap

Filter Fabric

C-86-NW Nonwoven geotextile	Contech	Approved	1R	07-15-13
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0801T Nonwoven geotextile	ADS Geosynthetics	Approved	1R	07-15-13
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GeoFabric GF8NW	Geo Supply	Approved	1R	11-16-17
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Geotex 601	Propex	Approved	1R	11-30-17
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J-Drain 200 Series	DR Enterprises	Approved	1R	12-13-17
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Mirafi 140N	Tencate	Approved	1R	12-13-17
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Hand Rail Material

Hand Rail	Grate Solutions	Approved	1R	11-15-17
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Hand Rail	Wheatland Tube	Approved	1R	02-06-18
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Hand Rail	Bar T Equipment Service	Approved	1R	05-29-18
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Trash Rack Material

Trash Rack	Grate Solutions	Approved	2R	11-30-17
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Trash Rack	Bar T Equipment Service	Approved	1R	05-29-18
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Concrete Cure:

1300-Clear Curing Compound	W.R Meadows	Approved	1R	08-18-15
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1600-Clear Curing Compound	W.R Meadows	Approved	1R	08-18-15
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Expansion Material:

Fiber Expansion Joint	W.R Meadows	Approved	1R	08-18-15
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Detectable Warnings

Detectable Warning Tiles – Terracotta	Tek Way	Approved	1R	11-16-17
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Survey Monuments

Survey Monuments – Type B	Eastern Products Foundry	Approved	1R	11-20-17
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Signing and Marking Materials:

Sign Post Material

Sign Base / Post	Desert Highway Sign	Approved	1R	11-20-17
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Sign Material

Street Sign	Desert Highway Sign	Approved	1R	11-20-17
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STOP Sign	Desert Highway Sign	Approved	1R	11-20-17
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Sign Sheeting Material

Thermoplastic Striping

Yellow Thermoplastic	Ennis-Flint	Approved	1R	06-25-18
White Thermoplastic	Ennis-Flint	Approved	1R	06-25-18
Glass Beads / Spheres	Potters	Approved	1R	06-25-18

Preformed Pavement Marking

Preformed Arrows & ONLY Legends	3M Transportation	Approved	1R	06-25-18
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Raised Pavement Markers (RPM's)

Hydrant Markers – Blue 2-Way	Spear Construction	Approved	1R	11-20-17
Hydrant Markers – Blue 2-Way	Ennis-Flint	Approved	1R	06-25-18
Type G Markers – Clear 1-Way	Ennis Flint	Approved	1R	06-25-18
Bituminous Adhesive for RPMs	Martin Asphalt Company	Approved	1R	06-25-18

Sewer Materials:

24" Frame & Cover

24" cover – storm and sanitary 1295	Deeter Foundry	Approved	1R	07-15-13
24" ring – 1295	Deeter Foundry	Approved	1R	07-15-13

30" Frame & Cover

30" cover – storm and sanitary 1296	Deeter Foundry	Approved	1R	07-15-13
30" ring – 1296	Deeter Foundry	Approved	1R	07-15-13

48" Manhole

48" ID MH – 48MH24	Jensen Pre Cast	Approved	1R	07-15-13
48" ID MH – 48MH30	Jensen Pre Cast	Approved	1R	07-15-13
48" ID MH w/t flat top– 48MH30-FC	Jensen Pre Cast	Approved	1R	07-15-13
48" ID MH w/t flat top– 48MH24-FC	Jensen Pre Cast	Approved	1R	07-15-13
48" Sanitary sewer manhole	Olsen Pre cast	Approved	1R	07-15-13

60" Manhole

60" ID MH – 60MH30	Jensen Pre Cast	Approved	1R	07-15-13
60" ID MH w/t flat top– 60MH30-FC	Jensen Pre Cast	Approved	1R	07-15-13
60" Sanitary sewer manhole	Olsen Pre cast	Approved	1R	07-15-13

Manhole Lining System (Field Applied)

Raven 405 Epoxy coating	RLS	Approved	1R	07-15-13
Sewergard 210HXB	Sauereisen	Approved	1R	02-28-18

PreCast Base Gasket

Kor-N-Seal I 106/406	Trelleborg	Approved	1R	08-01-13
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PreCast Base

Manhole Joint Sealant

Conseal CS102	Concrete Sealants Inc.	Approved	1R	07-15-13
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Extra Strength VCP

4" and 6" extra strength VCP	Building Products Co. LLC	Approved	1R	07-15-13
8" thru 30" extra strength VCP	Building Products Co. LLC	Approved	1R	07-15-13

8" thru 42" extra strength VCP jointed	Building Products Co. LLC	Approved	1R	07-15-13
4" and 6" extra strength VCP	Mission Clay Products	Approved	1R	07-15-13
8" thru 30" extra strength VCP	Mission Clay Products	Approved	1R	07-15-13
8" thru 42" extra strength VCP jointed	Mission Clay Products	Approved	1R	07-15-13
4" and 6" extra strength VCP	Gladding McBean	Approved	1R	08-16-21
8" thru 30" extra strength VCP	Gladding McBean	Approved	1R	08-16-21
8" thru 42" extra strength VCP jointed	Gladding McBean	Approved	1R	08-16-21
<u>Flexible Couplings</u>				
Band Seal	Mission Clay Products	Approved	1R	07-15-13
<u>Pipe Zone Backfill</u>				
ASTM #57 Rock – AG1262-#57	Lafarge	Approved	1R	07-15-13
ASTM #57 Rock - Glendale	Drake	Approved	1R	07-15-13
ASTM #8 AG7492-#8	Lafarge	Approved	1R	10-15-13
Water Materials:				
<u>Valve Box & Cover (heavy duty)</u>				
VBDTL198B&L (VB-0029)	Star Pipe Products	Approved	1R	04-04-18
Valve Extension Stem	Trumbull	Approved	2R	04-24-18
<u>Polywrap</u>				
Polywrap	Northtown	Approved	1R	07-15-13
Polywrap	Trumbull	Approved	1R	07-15-13
Polywrap	Christy's	Approved	1R	07-15-13
Pipe Wrap Tape	ProSelect	Approved	1R	06-08-23
<u>Joint Restraint</u>				
6" thru 48" Mega Lug Series 1100	EBAA IRON	Approved	1R	07-15-13
6" thru 16" Joint Restraints 300C	Tyler Union	Approved	1R	07-15-13
6" thru 48" Stargrip Series 3000	Start Pipe Products	Approved	1R	07-15-13
6" thru 24" Stargrip Fieldlok 350	US Pipe	Approved	1R	07-15-13
6" thru 24" Sure Stop 350	McWane	Approved	1R	07-15-13
6" thru 16" Joint Restraints EZ Grip	SIP	Approved	1R	06-02-21
<u>Valves</u>				
6" to 20" Gate Valve series 2638	Clow	Approved	1R	07-15-13
6" to 16" Gate Valve series 2500	American Flow Control	Approved	1R	09-06-23
2" to 12" Gate Valve MJ x MJ A-2362	Mueller	Approved	1R	10-15-13
4" to 12" Gate Valve MJ x FL A-2362	Mueller	Approved	1R	10-15-13
16", 20" & 24" Gate Valve MJ x MJ 2361	Mueller	Approved	2R	04-24-18
6", 8" & 12" Gate Valve MJ x MJ A2361	Mueller	Approved	2R	04-24-18
6", 8" & 12" Gate Valve FL x FL A2361	Mueller	Approved	2R	04-24-18
PVC Ball Valves	Spears	Approved	2R	04-24-18
Stainless Steel Ball Valves	Watts	Approved	2R	04-24-18
Brass Ball Valves	Watts	Approved	2R	04-24-18

Fire Hydrants

Medallion	Clow	Approved	1R	07-15-13
Pacer 250	American Flow Control	Approved	1R	07-15-13

Service Saddles

BRIS Series Bronze Service saddle	Mueller	Approved	1R	07-15-13
BR2B Series Bronze Service saddle	Mueller	Approved	1R	07-15-13
3845 and 3846 Service Saddles	AY McDonald	Approved	1R	07-15-13
3825 and 3826 Service Saddles	AY McDonald	Approved	1R	07-15-13
202BS Brass Saddle	Ford	Approved	1R	07-15-13
202B Brass Saddle	Ford	Approved	1R	07-15-13

Corporation Stops (Pac-joint)

P25028N Corp Stop Ball Valve	Mueller	Approved	1R	07-15-13
74704B-22 Ball Style Corp Stop	AY McDonald	Approved	1R	07-15-13
FBI100-3x-NL Corp Stop Ball Corp.	Ford	Approved	1R	07-15-13
FBI100-4x-NL Corp Stop Ball Corp.	Ford	Approved	1R	07-15-13
FBI100-6-NL Corp Stop Ball Corp.	Ford	Approved	1R	07-15-13
FBI100-7-NL Corp Stop Ball Corp.	Ford	Approved	1R	07-15-13
E1935 Ball Type Corp	James Jones Co.	Approved	2R	04-04-18

Compression Fittings

Straight 3 Part Union – P15403	Mueller	Approved	1R	08-05-15
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Pipe Couplings

Type 'K' Copper Pipe

Type K Copper tubing	Cerrotube	Approved	1R	07-15-13
Type K Copper tubing	Cambridge-Lee Industries	Approved	1R	07-15-13
Type K Copper pipe	Cerro	Approved	1R	04-24-18
Type K Copper pipe solder fittings	Cello	Approved	1R	04-24-18

PVC

4" – 12", C-900 DR14 pressure class 305	Vinyltech Pipe	Approved	1R	07-15-13
6" – 12", C900-07 Water Pipe DR14	North American Pipe Corp.	Approved	1R	07-15-13
4" – 12", C-900 DR14 pressure class 305	Waterworks Pipe	Approved	1R	07-15-13
4" – 12" C-900 DR14	Diamond Plastics	Approved	2R	04-04-18
CPVC Sch. 80 Pipe & Fittings	Spears	Approved	1R	04-24-18
PVC Sch. 80 Pipe & Fittings	Spears	Approved	1R	04-24-18

Ductile Iron Pipe

6" thru 48" class 350 DIP Tyton Joint	Tyton Joint Pipe	Approved	1R	07-15-13
6" thru 48" class 350 DIP Fastite Joint	Tyton Joint Pipe	Approved	1R	07-15-13
3" thru 12" class 350 DIP	Pacific States Pipe	Approved	1R	07-15-13
4" thru 36" Class 350 DIP	TR Flex	Approved	2R	04-04-18
6" thru 24" Class 350 DIP Push Tite	Electrosteel	Approved	1R	11-04-22
6" thru 48" class 350 Fastite Joint	American Ductile Iron Pipe	Approved	1R	04-07-23

Ductile Iron Pipe Fittings

6" thru 48" Flanged Fittings	Star Pipe Products	Approved	1R	07-15-13
6" thru 48" Class 350 MJ Fittings	Star Pipe Products	Approved	1R	07-15-13
6" thru 48" Class 350 MJ Fittings	Sigma Corp.	Approved	1R	07-15-13
6" thru 48" Flanged Fittings	Sigma Corp.	Approved	1R	07-15-13
6" thru 48" Class 350 MJ Fittings	Tyler Union	Approved	1R	07-15-13
6" thru 48" Flanged Fittings	Tyler Union	Approved	1R	07-15-13
6" thru 48" Compact MJ Fittings	SIP Industries	Approved	1R	02-27-18
6" thru 48" Flanged Fittings	SIP Industries	Approved	2R	06-02-21

Flange Gaskets

6" thru 48" Full face Flange-Tyte Gasket	US Pipe	Approved	1R	06-02-21
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Angle Meter Stops (Pac-joint)

P24258N Angle meter ball valve	Mueller	Approved	1R	07-15-13
74602B-22 Ball Style meter Stop	AY McDonald	Approved	1R	07-15-13
BA43-3xxW-NL Angle meter ball valve	Ford	Approved	1R	07-15-13
BA43-444W-NL Angle meter ball valve	Ford	Approved	1R	07-15-13
BFA43-666W-NL Angle meter ball valve	Ford	Approved	1R	07-15-13
BFA43-777W-NL Angle meter ball valve	Ford	Approved	1R	07-15-13
E1963W Ball Angle Meter Valve	James Jones Co.	Approved	2R	04-04-18
E1975W Ball Angle Meter Valve	James Jones Co.	Approved	2R	04-04-18
E1900 Ball Type Curb Valve	James Jones Co.	Approved	2R	04-04-18

Water Meter Boxes

P6001834A Rotocast meter box	Armorcast	Approved	1R	07-15-13
P6001835A Rotocast meter box	Armorcast	Approved	1R	07-15-13
P6001534AX12DZ Rotocast meter box	Armorcast	Approved	1R	07-15-13

Tracer Wire

1030B #10 CCS wire	Copperhead Industries	Approved	1R	07-15-13
600V / 10AWG PE Tracer Wire	Kris-Tech Wire Company	Approved	1R	04-04-18

Tracer Wire Connections

Model 61, 62, and 63 Wire Nut	Ideal	Approved	1R	07-15-13
Magnetized tracer box Conc. D/W Box	Copperhead Industries	Approved	1R	11-19-13
Magnesium Anode – 5S3	Corrpro	Approved	1R	11-19-13

Tapping Sleeve

H-615 MJ tapping Sleeve for DIP or CIP	Mueller	Approved	1R	07-15-13
6" thru 12" Series 2800-A tapping Sleeve	American Flow Control	Approved	1R	07-15-13
4" thru 16" Series 3490AS Tapping Sleeve	Power Seal	Approved	1R	02-14-23

Casing

Casing Pipe ERW grade B	Tri Star	Approved	1R	07-15-13
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Casing Spacers

Casing Spacer SSI8	APS Inc.	Approved	1R	07-15-13
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Casing Spacer SSIM	APS Inc.	Approved	1R	07-15-13
Casing Spacer SSII2	APS Inc.	Approved	1R	07-15-13
Casing Spacer Model CSS8	CCI Pipeline Systems	Approved	1R	07-15-13
Casing Spacer Model CSS12	CCI Pipeline Systems	Approved	1R	07-15-13
<u>Casing Insulators</u>				
Casing Insulator Model CI	APS Inc.	Approved	1R	07-15-13
<u>Casing End Caps</u>				
APS Model AW Casing End Seal	APS Inc.	Approved	1R	07-15-13
APS Model AWN Casing End Seal	APS Inc.	Approved	1R	07-15-13
APS Model AC Casing End Seal	APS Inc.	Approved	1R	07-15-13
APS Model ACN pull on Casing End Seal	APS Inc.	Approved	1R	07-15-13
APS Model AZP Casing End Seal	APS Inc.	Approved	1R	07-15-13
APS Model AM Casing End Seal	APS Inc.	Approved	1R	07-15-13
Casing End Seal model ESW & ESC	CCI Pipeline Systems	Approved	1R	07-15-13
<u>Double Check Valves</u>				
Model 350ASTDA	Zurn Wilkens	Approved	1R	04-30-18
<u>Air Release Valve</u>				
D-040-C ARV	ARI	Approved	1R	07-15-13
Polyethylene Valve Enclosure	Pipeline products	Approved	1R	11-07-23
<u>Water Quality Sampling Station</u>				
Station Guard XLT	Koraleen Enterprises	Approved	1R	03-12-18
Eclipse No. 88WC-SS	Kupferle Foundry Corp.	Approved	1R	04-04-18
<u>RPDA Backflow</u>				