

## City of Howell

### Standard Material List

#### Water

Item	Material	Manufacturer
Pipe	Ductile iron class 52	various
	- 2 brass wedges per joint	
Gate valve	Flow Master	EJ
	A2360	Mueller
	- left hand open	
	- resilient seated	
Hydrant	Water Master 5BR 250	EJ
	Centurion 200	Mueller
	- with 1 - 5" Storz nozzle	
	- with 2 - 2.5" hose fittings	
	- 5.5' bury	
Restrained joints	Mega-Lug	EBAA Iron
	Field-Lok gasket	US Pipe
Corporation stop	Compression - H15008	Mueller
Curb stop	Compression - H15209	Mueller
Curb box	Arch pattern H10314	Mueller
	- with extension rod	
Valve box	6860 Series 5-1/4" adjustable	Tyler
Tapping sleeve	Stainless steel	various
Gate well cover	1040 Type A w/ Howell cover	EJ
Service lead pipe	Type K copper	various

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#### Sanitary

Item	Material	Manufacturer
Truss pipe	PVC	various
Concrete pipe	RCP C76 - Class III, IV, V	various
Solid wall pipe	Main line - PVC Sched 40 or SDR 26	various
	Leads - PVC Sched 40 or SDR 23.5	various
Manhole cover	1040 Type A cover w/ a gasketed bolt down lid w/ Howell cover	EJ

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#### Storm Sewer

Item	Material	Manufacturer
Pipe	RCP C76- Class III, IV, V	various
	HDPE - Smooth interior with corrugated exterior	various
Leads	PVC Sched 40 or SDR 26	various
Catch basin cover	in pavement - 5100 w/ M1 grate	EJ
	in straight back curb - 7045 w/ M1 grate	EJ
	in mountable curb - 7300 w/ M grate	EJ
	in grass area - 1040 w/ N or M1 grate	EJ
	- use ADA cover in pedestrian crossings	
Manhole cover	1040 w/ Type B cover w/ Howell cover	EJ

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#### Paving

Item	Material	Manufacturer
Drainage layer	MDOT CL-II	various
Aggregate base	21AA limestone	various
	21AA crushed concrete	various
Asphalt pavement	major public roads - 2C, 3C, 4C	various
	residential public roads - 13A	various
	parking lots - 1300 L & T	various
ADA tile	ramp rehab - red surface mounted	ADA Solutions Inc.
	new const. - red cast in place	ADA Solutions Inc.