

Vergas City Council;

It has come to my attention that the City has indicated that they may not accept the extension of Glenn Street, unless the culverts are reinforced concrete (RC).

I cannot find any information in the Ordinances that require me to do this. I have also looked at similar projects in the City of Vergas, and noticed there are no RC culverts present.

I have done some research into high density polyethylene (HDPE) and feel it would be ideal for the extension of Glenn Street. I have also attached a sheet with features and benefits of HDPE. Included in the benefits are: a minimum life span of 100-years, smooth interior for increased water flow capacity, and structurally designed corrugated exterior to support typical construction and long-term loading. The difference in cost to me could be in excess of \$15,000.

I am asking that you approve the use of HDPE for the extension of Green Street, aka Lawrence Lake Acres. I would also ask that this is approved or denied at this meeting, as we have an order to place for the pipe.

Sincerely

Justin Hansen

N-12 pipe is available in soil tight (ST), water tight (WT) and plain end, all of which offer joint options of bell and spigot design, gasket, bell

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Overview

Features and Benefits

- Smooth interior with a Manning's value of 0.012 resulting in increased flow capacity
- Inert HDPE material is resistant to the effects of chemicals, abrasion, hot soils, and effluent
- Lightweight product for best-installed cost and maximizing delivery and installation efficiencies
- Structurally designed corrugated exterior to support typical construction and long term loading
- Readily available in convenient locations to service local projects
- Joint options to meet your application performance requirements, including up to water-tight joints meeting ASTM D3212
- Available in ST, WT and Plain End
- Joint options include bell and spigot design, gasket, bell wrap or pressure-rated 10.8 psi coupler

Lubricants

- Soft, paste like compound

- High performance pipe joint lubricant
- NSF certified for potable water pipelines
- Contains no petroleum-Will not swell gaskets
- Stable from -10 to 120°F
- Non-toxic
- No objectionable odor
- Will not support bacteria
- Effect on gaskets-less than 1% weight gain and less than 1 duro hardness loss
- Effectively lubricates pipe and pipe gaskets for safe and efficient assembly Ask your sales representative for more information on these and other ADS products.

Build America, Buy America (BABA) Act

These products, manufactured in accordance with AASHTO M252, AASHTO M294 or ASTM F2306, complies with the requirements in the Build America, Buy America (BABA) Act.

- N-12 Per AASHTO
- N-12 WT Series 35
- N-12 Low Head

	Plain End	Soil Tight (STIB)	Water Tight (WTIB)
Diameters Available	4-60 inch (100-1500 mm)	4-60 inch (100-1500 mm)	4-60 inch (100-1500 mm)
Lengths Available	13, 20 feet (4, 6 m)	13, 20 feet (4, 6 m)	13, 20 feet (4, 6 m)
Joint Performance	Soil Tight	Soil Tight	Water Tight (ASTM D3212)
Joining System	External Coupler	Integral Bell & Gasketed Spigot	Water Tight Reinforced Integral Bell & Gasketed Spigot
Specifications	AASHTO M252 (4-10 inch) (100-250 mm)	AASHTO M252 (4-10 inch) (100-250 mm)	AASHTO M252 (4-10 inch) (100-250 mm)
	AASHTO M294 (12-60 inch) (300-1500 mm)	AASHTO M294 (12-60 inch) (300-1500 mm)	AASHTO M294 (12-60 inch) (300-1500 mm)
	ASTM F2306 (12-60 inch) (300-1500 mm)	ASTM F2306 (12-60 inch) (300-1500 mm)	ASTM F2306 (12-60 inch) (300-1500 mm)
Design Service Life	Minimum 100 Year	Minimum 100 Year	Minimum 100 Year

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