



MEMORANDUM

To: Mayor Keil
City Council
Doug Faseler, City Manager

From: Jose (Joe) R. Ramos, Jr., P.E. City Engineer

Subject: Sole Source Purchase (HA5) to Andale Construction for Pavement
Maintenance
Mill Creek Subdivision

Date: January 9, 2018

The Mill Creek Subdivision home construction is almost complete. However, the initial phases street construction are already approaching twelve (12) years of age and are starting to exhibit signs of slight deterioration. The volume of residential and construction traffic have attributed to notable physical wear. In addition, the streets are highly oxidized and warrant preventative maintenance as soon as possible.

Recently, Integrated Pavement Solutions (IPS) provided a demonstration to regional agencies (TxDOT, counties and other municipalities) for an asphalt preservation product, known as HA5 (a mixture of asphalt binder and mineral aggregate as a pavement surface treatment or sealant). HA5 is comprised of high density mineral bond material meeting the American Public Works Association 2012 Manual of Standard Specifications and is in the process of getting adopted as a Texas Department of Transportation (TxDOT) special specification. HA5 has successfully been used in other parts of the country with very impressive results. HA5 will provide a waterproof asphalt rejuvenation protection, prolonging street integrity and lifespan. Consequently, HA5 is a sole source product manufactured, sold and distributed exclusively under the direction of IPS. The impressive long term results has led to a high demand for this product and we are trying to guarantee that our community will be one of the few in the region able to benefit from this treatment this upcoming paving season. In this part of the country, Andale Construction, of Cuero, Texas, is the only trained and certified HA5 applicator of the product.

In-house cost saving construction on other projects (Avenue B and Avenue C specifically), staff finds this an opportune time to take advantage of the product, while providing the essential preventative maintenance to our street network.

Therefore, staff recommends awarding a sole source purchase to Andale Construction in an amount not to exceed \$200,000.00, for preventative maintenance in the Mill Creek Subdivision. Funding is as stated above.

Cc: Susan Caddell, Finance Director
John Donnelly, Public Works Manager
Michael Sharp
Matt Pekar