

Memorandum

April 7, 2015

To: Raton City Commissioners

Prepared By: Scott Berry, P.E.
City Manager

Subject: Proposed Street Project Report

Currently funds totaling \$189,844 are accrued in the General Fund line item for street improvements. Additionally, there is currently \$275,673 in the Special Revenue Fund 217 (Gas Tax) specifically for construction, reconstruction, resurfacing or other improvement or maintenance of public roads, streets, alleys or bridges, including right-of-way and materials acquisition. The source of this fund is the municipal share of tax on the sale of gasoline.

Raton has extensive needs for street improvements, and I would recommend a consistent approach that we can sustain year after year. With that stated, I recommend that we begin using a range of street maintenance that will provide tangible improvement while maintain our budget and some reserves for matching fund opportunities.

I would like the Commission to consider the following street improvement program for 2015:

1. Chip seal all the avenues in the Maxwell South Addition. These streets include 9th Avenue through 14th Avenue, in the area west of the football field and the Little League fields. These streets are in very poor condition, but I believe a surfacing course would extend the life of the streets by 7 – 8 years. Chip seal can provide an effective thin surface that is economical. The construction work and the asphalt material are both available on a state purchase agreement. We would conduct a procurement process for the aggregate. From my estimate, we would re-surface 16 blocks of the worst streets in the area (18,345 square yards) at an estimated cost of \$90,000 to \$100,000. Some of this cost would go to the purchase of patching materials.

The best price on the state contract for chip seal is from Blue Collar Construction, LLC from Socorro, and the contract holder for the asphalt emulsion material is Holly Frontier refining and Marketing LLC located in Albuquerque. I will request your approval of these purchases at the 4/14/2015 meeting, with the aggregate purchase to follow.

2. I recommend that we perform crack sealing of streets that have been paved within the last 10 years. I would ask for approval of a \$17,500 expenditure and we would limit the work to that amount. I would like to crack seal Grant Ave., Jones Street, Cedar Street, and some of the streets in the Romero Park area. We should continue with some amount of crack sealing each year. The lowest price on the state price agreement is offered by Dismuke Construction Co. of Albuquerque. I am requesting your approval of this purchase at the 4/14/2015 meeting.

- We have full reconstruction scheduled for 2 blocks of Pecos Ave., and 1 block of Galisteo Ave. These are both Cooperative Agreement projects with NMDOT.

Additionally, we are planning millings and overlay work on the west portion of Tiger Drive and most of South First Street. These are both funded through the Municipal Arterial Project with NMDOT.

Engineering Analytics is currently in design of drainage improvements on Cook Avenue and Park Avenue. This project is funded by the 2014 Capital Outlay funds awarded by the Legislature.

Construction of all of the projects listed in Section 3 will be procured by the sealed bid process, and the bids will come to the Commission for award at a later date.

- The City of Raton requested the donation of asphalt millings from NMDOT, and they will donate 500 cubic yards of the material stockpiled on I-25. When we receive approval, we will have to load, haul, grade and compact the millings on various City roads requiring surfacing. We will have a Contractor help with these tasks. I am not asking for approval on this item right now.
- I have prepared the following matrix of project costs listed above:

2015 Street Improvement Budget

	City Funds	NMDOT Funds	Total
1 Maxwell South Chip Seal	\$100,000.00		\$100,000.00
2 Asphalt Crack Sealing	\$17,500.00		\$17,500.00
3 SP Project - Pecos Ave	\$16,156.00	\$48,468.00	\$64,624.00
4 SP Project - Galisteo Ave	\$11,245.00	\$33,735.00	\$44,980.00
5 MAP Project - Tiger Drive <i>1st street</i>	\$48,346.00	\$145,038.00	\$193,384.00
6 MAP Project - Tiger Drive	\$0.00	\$281,696.00	\$281,696.00
7 Millings Project	\$10,000.00		\$10,000.00
	\$203,247.00	\$508,937.00	\$712,184.00

I am proposing that we spend all of the \$189k in the General Fund in order to clean that budget line up, with the remainder out of Gas Tax. Going forward, we will have about \$260k remaining in Gas Tax. We accrue about \$12k into Fund 217 each month. The list above is a fairly aggressive street improvement program, but there are other miscellaneous street improvements that we would plan for in the near future.

Scott

Summary of Estimated Project Costs
 Various Street Improvement Projects - 2015

(A) Maxwell South Chip Seal Project
 Application of Surface Treatment Aggregate
 Price Agreement Number: 30-805-13-09453

Item	Description	Units	Quantity	Unit Cost	Amount
1	Mobilization	Mile	110	\$50.00	\$5,500.00
2	Single Surface Penetration Treatment	Square Yard	18345	\$2.00	\$36,690.00
3	Sweeping	Square Yard	18345	\$0.10	\$1,834.50
4	Fog Seal Surface Treatment	Square Yard	18345	\$0.20	\$3,669.00
					\$47,693.50
				NMGRT	8.5208%
				Total	\$51,757.37

Asphalt Emulsions and Associated Products
 Price Agreement Number: 50-805-15-12624

Item	Description	Units	Quantity	Unit Cost	Amount
1	Asphalt Emulsion	Ton	40	\$504.18	\$20,167.20
				NMGRT	8.5208%
				Total	\$21,885.61

(B) Grant Ave, Jone Street, Various Streets
 Crack Sealing Hot Mix Pavement
 Price Agreement Number: 40-805-14-11070

Item	Description	Units	Quantity	Unit Cost	Amount
1	Hot Applied Joint and Crack Sealing	Lbs	10000	\$1.37	\$13,700.00
2	Mobilization to District 4	Mile	220	\$10.00	\$2,200.00
					\$15,900.00
				NMGRT	8.5208%
				Total	\$17,254.81