



**STAFF REPORT**

DATE: April 5, 2024

TO: Ted Henry, City Manager

FROM: Anne Stephens, PE, City Engineer

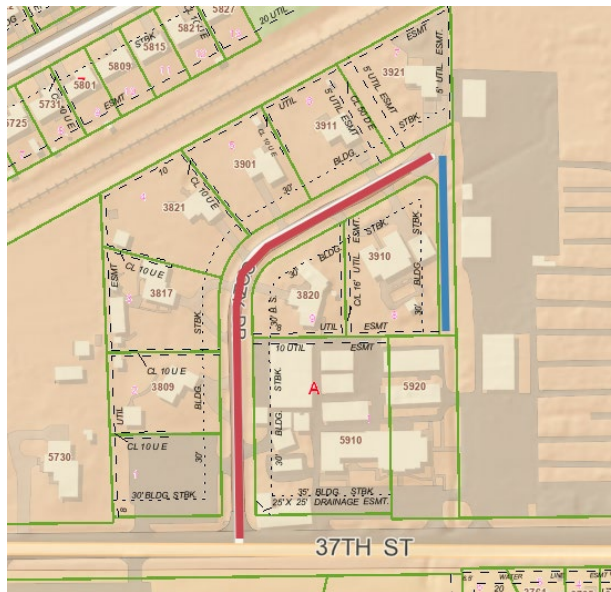
RE: Cozy Drive Paving Bids

**BACKGROUND:**

The residents on Cozy Drive signed a petition to pave their street. The City hired Garver to design the paving improvements to Cozy Drive.

**DISCUSSION:**

Bids were accepted on April 3<sup>rd</sup> for the project. Three contractors responded to the solicitation. The base bid for the project includes asphalt paving. Alternate 1 includes regrading and clearing out the ditch shown in blue. This is City right-of-way, so technically, the City should be maintaining it. Alternate 1 substitutes concrete paving for asphalt.



	Engineer's Estimate	APAC	Kansas Paving	Pearson
Base Bid	\$353,073.00	\$516,245.76	\$433,203.60	\$341,344.00
Alt 1 – Ditch Regrading	\$35,568.75	\$36,857.80	\$40,129.30	\$16,641.50
Base Bid + Alt 1	\$388,641.75	\$553,103.56	\$473,332.90	\$357,985.50
Alt 2 – Concrete	\$16,484.00	\$61,152.00	\$45,864.00	\$28,224.00
Base Bid + Alt 2	\$369,568.00	\$577,397.76	\$479,067.60	\$369,568.00
Base Bid + Alt 1 and Alt 2	\$405,105.75	\$614,255.56	\$519,196.90	\$386,209.50

FINANCIAL CONSIDERATIONS: The cost of the improvements for these projects will be financed through a bond and spread as special assessments against the benefiting lots.

POLICY DECISION: Staff adhered to the purchasing policy in gathering a minimum of three bids for the project.

RECOMENDATION: The original petition estimate for this project (Base Bid only) was \$451,390.00. There is a 7.94% difference between the bids for asphalt and concrete paving. Staff recommends that the City Council accept the bid from Pearson Construction. A spreadsheet is attached showing the revised petition costs for this work. Ken Lee from Garver will be present at the meeting to answer any questions.

Cozy Drive Paving Improvements  
 Bel Aire, Kansas  
 April 3rd, 2024

Low Bid

Bid Item	Quantity	Unit	Petition Construction Cost Estimate	Engineers Estimate		Pearson Construction, LLC		Conspic Inc. DBA Kansas Paving		APAC-Kansas, Inc., Shears Division	
				Extension	Total	Extension	Total	Extension	Total	Extension	Total
1 Mobilization	1	LS		\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 50,000.00	\$ 50,000.00
2 Site Clearing	1	LS		\$ 35,000.00	\$ 35,000.00	\$ 4,500.00	\$ 4,500.00	\$ 46,900.00	\$ 46,900.00	\$ 15,000.00	\$ 15,000.00
3 Site Restoration	1	LS		\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
4 Excavation	1975	CY		\$ 8.00	\$ 15,800.00	\$ 13.50	\$ 26,662.50	\$ 22.00	\$ 43,450.00	\$ 33.00	\$ 65,175.00
5 Fill, Compacted (95% Density)	450	CY		\$ 5.00	\$ 2,250.00	\$ 1.00	\$ 450.00	\$ 2.00	\$ 900.00	\$ 6.00	\$ 2,700.00
6 AC Pavement 7" (5" Bit Base)	2352	SY		\$ 28.00	\$ 65,856.00	\$ 32.00	\$ 75,264.00	\$ 31.00	\$ 72,912.00	\$ 37.00	\$ 87,024.00
7 Concrete Driveway (6" Reinforced)	443	SY		\$ 50.00	\$ 22,150.00	\$ 66.50	\$ 29,459.50	\$ 60.00	\$ 26,580.00	\$ 85.00	\$ 37,655.00
8 Crushed Rock Base 5", Reinforced	3027	SY		\$ 12.00	\$ 36,324.00	\$ 8.00	\$ 24,216.00	\$ 10.00	\$ 30,270.00	\$ 15.00	\$ 45,405.00
9 Subgrade Manipulation	3027	SY		\$ 2.00	\$ 6,054.00	\$ 1.00	\$ 3,027.00	\$ 5.00	\$ 15,135.00	\$ 4.00	\$ 12,108.00
10 Concrete C & G, Type 2 (3-5/8" RL & 1-1/2"	1665	LF		\$ 11.00	\$ 18,315.00	\$ 15.00	\$ 24,975.00	\$ 16.00	\$ 26,640.00	\$ 18.00	\$ 29,970.00
11 Concrete Header	60	LF		\$ 12.00	\$ 720.00	\$ 21.50	\$ 1,290.00	\$ 75.00	\$ 4,500.00	\$ 40.00	\$ 2,400.00
12 Remove Existing Driveway Culverts	258	LF		\$ 10.00	\$ 2,580.00	\$ 10.50	\$ 2,709.00	\$ 42.00	\$ 10,836.00	\$ 17.89	\$ 4,615.62
13 Remove Existing Cross-Road Culverts	84	LF		\$ 15.00	\$ 1,260.00	\$ 11.00	\$ 924.00	\$ 48.00	\$ 4,032.00	\$ 26.00	\$ 2,184.00
14 Trench Drain and Grate	38	LF		\$ 200.00	\$ 7,600.00	\$ 850.00	\$ 32,300.00	\$ 630.00	\$ 23,940.00	\$ 755.00	\$ 28,690.00
15 Concrete Flume/Inlet Hookup	2	EA		\$ 750.00	\$ 1,500.00	\$ 915.00	\$ 1,830.00	\$ 750.00	\$ 1,500.00	\$ 1,000.00	\$ 2,000.00
16 38"X24" RCP	156	LF		\$ 225.00	\$ 35,100.00	\$ 170.00	\$ 26,520.00	\$ 255.00	\$ 39,780.00	\$ 180.00	\$ 28,080.00
17 15" RCP	185	LF		\$ 75.00	\$ 13,875.00	\$ 73.00	\$ 13,505.00	\$ 81.00	\$ 14,985.00	\$ 84.00	\$ 15,540.00
18 4'X4' Drop Inlet (Special)	2	EA		\$ 4,500.00	\$ 9,000.00	\$ 4,500.00	\$ 9,000.00	\$ 7,200.00	\$ 14,400.00	\$ 6,900.00	\$ 13,800.00
19 Light Stone Rip Rap	99	SY		\$ 100.00	\$ 9,900.00	\$ 90.00	\$ 8,910.00	\$ 92.00	\$ 9,108.00	\$ 105.00	\$ 10,395.00
20 Project Signing	1	LS		\$ 1,000.00	\$ 1,000.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00
21 Project Construction Traffic Control	1	LS		\$ 8,500.00	\$ 8,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ 20,000.00	\$ 20,000.00
22 Remove & Reset Mailbox	8	EA		\$ 1,000.00	\$ 8,000.00	\$ 300.00	\$ 2,400.00	\$ 100.00	\$ 800.00	\$ 275.00	\$ 2,200.00
23 Fire Hydrant Relocation	1	EA		\$ 9,500.00	\$ 9,500.00	\$ 10,565.00	\$ 10,565.00	\$ 10,500.00	\$ 10,500.00	\$ 13,600.00	\$ 13,600.00
24 Seeding	1	LS		\$ 8,500.00	\$ 8,500.00	\$ 4,975.00	\$ 4,975.00	\$ 4,250.00	\$ 4,250.00	\$ 4,975.00	\$ 4,975.00
25 Erosion Control BMP - Curlex Blanket	1326	SY		\$ 1.50	\$ 1,989.00	\$ 2.00	\$ 2,652.00	\$ 0.10	\$ 132.60	\$ 1.89	\$ 2,506.14
26 Erosion Control BMP - Inlet Protection	2	EA		\$ 250.00	\$ 500.00	\$ 130.00	\$ 260.00	\$ 1.00	\$ 2.00	\$ 130.00	\$ 260.00
27 Erosion Control BMP - Construction Entranc	1	LS		\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1.00	\$ 1.00	\$ 1,763.00	\$ 1,763.00
28 Contractor Provided Testing	1	LS		\$ 5,000.00	\$ 3,000.00	\$ 3,550.00	\$ 3,550.00	\$ 4,500.00	\$ 4,500.00	\$ 6,500.00	\$ 6,500.00
29 Contractor Provided Staking	1	LS		\$ 12,800.00	\$ 12,800.00	\$ 4,950.00	\$ 4,950.00	\$ 4,200.00	\$ 4,200.00	\$ 4,950.00	\$ 4,950.00
			Petition Construction	\$320,615.00		<b>Total Base Bid</b>	<b>\$353,073.00</b>	<b>Base Bid Total</b>	<b>\$ 429,003.60</b>	<b>Base Bid Total</b>	<b>\$ 516,245.76</b>
			Petition Construction + contingencies	\$352,676.50							
			<b>Add/Alternate #1 - Ditch Regrading</b>								
30 Site Clearing For Ditch grading	1	LS		\$30,000.00	\$30,000.00	\$ 11,500.00	\$ 11,500.00	\$ 31,100.00	\$ 31,100.00	\$ 25,000.00	\$ 25,000.00
31 Ditch Grading	257	LF		\$20.00	\$5,140.00	\$ 14.00	\$ 3,598.00	\$ 35.00	\$ 8,995.00	\$ 40.00	\$ 10,280.00
32 Erosion Control BMP - Curlex Blanket	343	SY		\$1.25	\$428.75	\$ 4.50	\$ 1,543.50	\$ 0.10	\$ 34.30	\$ 4.60	\$ 1,577.80
			N/A		<b>Add/Alternate #1 Total</b>	<b>Add/Alt #1 Total</b>	<b>\$16,641.50</b>	<b>Add/Alt #1 Total</b>	<b>\$40,129.30</b>	<b>Add/Alt #1 Total</b>	<b>\$36,857.80</b>
					<b>Base Bid + Add/Alternate #1 Total</b>	<b>Base Bid + Add/Alt #1 Total</b>	<b>\$388,641.75</b>	<b>Base Bid + Add/Alt #1 Total</b>	<b>\$469,132.90</b>	<b>Base Bid + Add/Alt #1 Total</b>	<b>\$553,103.56</b>
			<b>Add/Alternate #2 - Concrete Pavement</b>								
33 Deduct AC Pavement	2,352	SY		-\$28.00	-\$65,856.00	\$ (32.00)	\$ (75,264.00)	\$ (31.00)	\$ (72,912.00)	\$ (37.00)	\$ (87,024.00)
34 Add Concrete Pavement	2,352	SY		\$35.00	\$82,320.00	\$ 44.00	\$ 103,488.00	\$ 50.50	\$ 118,776.00	\$ 63.00	\$ 148,176.00
					<b>Add/Alternate #2 Total</b>	<b>Add/Alt #2 Total</b>	<b>\$28,224.00</b>	<b>Add/Alt #2 Total</b>	<b>\$45,864.00</b>	<b>Add/Alt #2 Total</b>	<b>\$61,152.00</b>
					<b>Base Bid + Add/Alternate #2 Total</b>	<b>Add/Alternate #2 Total</b>	<b>\$369,537.00</b>	<b>Add/Alternate #2 Total</b>	<b>\$474,867.60</b>	<b>Add/Alternate #2 Total</b>	<b>\$577,397.76</b>
					<b>Base Bid + Add/Alternate #1 + Add/Alternate #2 Total</b>	<b>Add/Alternate #1 + Add/Alternate #2</b>	<b>\$405,105.75</b>	<b>Add/Alternate #1 + Add/Alternate #2</b>	<b>\$514,996.90</b>	<b>Add/Alternate #1 + Add/Alternate #2</b>	<b>\$614,255.56</b>

