

## STAFF REPORT

DATE: May 8, 2025

TO: Ted Henry, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: 53<sup>rd</sup> and Rock Culvert Replacement Project

---



### BACKGROUND:

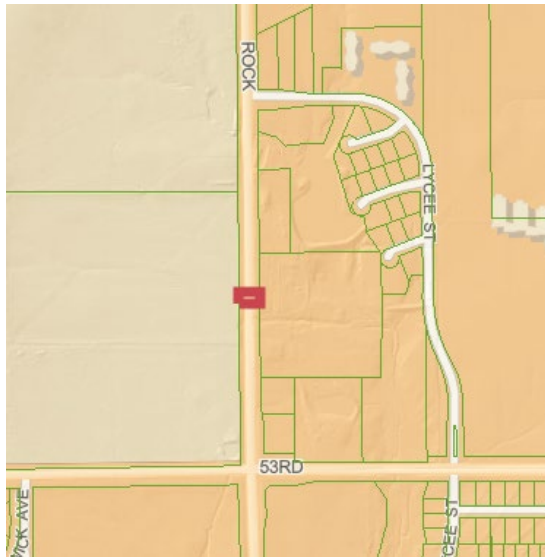
The City has been keeping an eye on the existing culvert located north of 53<sup>rd</sup> on Rock Road for years. Over the past two years, a depression has been building on the south side of the culvert indicating that soil appears to be migrating through the box and it is a matter of time before something more catastrophic happens.

### DISCUSSION:

Garver has been working on the replacement of this culvert with City staff for the past several years, coming up with different ideas to be able to replace the culvert with a reasonable cost and timeframe. The City has had the box informally inspected by PEC on each occasion that they are in town formally inspecting our other bridges. While they won't give the bridge a condition rating, this last year is the first year that they have strongly encouraged replacement due to the depression that has formed on the south side of the box.

The plans include the work being completed by August 8, 2025 and allow for 10 working days once the work has started. This work will require a complete closure of Rock Road in the area of the work, but Lycee provides a convenient detour around the work area.

	Engineer's Estimate	Dondlinger	Mies
Total Bid	\$104,730.00	\$130,689.00	\$136,000.00



**FINANCIAL CONSIDERATIONS:** The funds for this project will be come from the stormwater fund. The stormwater fund currently has a cash balance of \$590,000 as of today.

**RECOMENDATION:** Staff recommends that the City Council accept the bid from Dondlinger in the amount of \$130,689.00.

53rd and Rock Box Replacement  
Bel Aire, Kansas  
May 8th, 2025

				Engineers Estimate		Dondlinger & Sons		Mies Construction	
	Bid Item	Quantity	Unit	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	Mobilization	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 22,500.00	\$ 22,500.00	\$ 20,072.00	\$ 20,072.00
2	Site Clearing	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 5,400.00	\$ 5,400.00	\$ 17,815.00	\$ 17,815.00
3	Site Restoration	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 2,600.00	\$ 2,600.00	\$ 2,500.00	\$ 2,500.00
4	Excavation	50	CY	\$ 50.00	\$ 2,500.00	\$ 88.00	\$ 4,400.00	\$ 75.00	\$ 3,750.00
5	Pavement Removed	138	CY	\$ 20.00	\$ 2,760.00	\$ 25.00	\$ 3,450.00	\$ 30.00	\$ 4,140.00
6	Scarify, Regrade and Recompact Subgrade	94	SY	\$ 25.00	\$ 2,350.00	\$ 45.00	\$ 4,230.00	\$ 15.00	\$ 1,410.00
7	AC Pavement 2" (BM-2)	138	SY	\$ 20.00	\$ 2,760.00	\$ 50.00	\$ 6,900.00	\$ 50.00	\$ 6,900.00
8	Reinforced Concrete Pavement (8")	138	SY	\$ 125.00	\$ 17,250.00	\$ 90.00	\$ 12,420.00	\$ 90.00	\$ 12,420.00
9	Crushed Rock Shoulder (2' wide)	9	SY	\$ 35.00	\$ 315.00	\$ 150.00	\$ 1,350.00	\$ 150.00	\$ 1,350.00
10	Crushed Rock Base 5", Reinforced	138	LF	\$ 10.00	\$ 1,380.00	\$ 6.00	\$ 828.00	\$ 6.00	\$ 828.00
11	Pipe, SWS 30", RCP	90	LF	\$ 200.00	\$ 18,000.00	\$ 140.00	\$ 12,600.00	\$ 160.00	\$ 14,400.00
12	End Sections w/ Grates, 30"	6	LF	\$ 2,500.00	\$ 15,000.00	\$ 4,100.00	\$ 24,600.00	\$ 4,275.00	\$ 25,650.00
13	Rip-Rap, Light Stone	50	LF	\$ 125.00	\$ 6,250.00	\$ 183.00	\$ 9,150.00	\$ 120.00	\$ 6,000.00
14	Fill, Sand (Flushed and Vibrated)	44	LF	\$ 50.00	\$ 2,200.00	\$ 134.00	\$ 5,896.00	\$ 100.00	\$ 4,400.00
15	Erosion Control BMP, Silt Fence	43	EA	\$ 5.00	\$ 215.00	\$ 5.00	\$ 215.00	\$ 5.00	\$ 215.00
16	Pavement Marking	1	LF	\$ 1,000.00	\$ 1,000.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00
17	Signing	1	LF	\$ 500.00	\$ 500.00	\$ 450.00	\$ 450.00	\$ 450.00	\$ 450.00
18	Traffic Control	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00
19	Seeding, Permanent	1	SY	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
20	Portable Changeable Electronic Message Sign	10	day	\$ 225.00	\$ 2,250.00	\$ 20.00	\$ 200.00	\$ 20.00	\$ 200.00
				Total Base Bid	\$104,730.00	Base Bid Total	\$ 130,689.00	Base Bid Total	\$ 136,000.00
							Apparent Low Bidder		