

STAFF REPORT

DATE: October 12, 2022

TO: Ty Lasher, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: Webb Road Street and Shoulder Repairs

BACKGROUND:

The shoulder of Webb Road consists of 2" of asphalt on a compacted dirt base. This combination is not designed to hold any sort of weight. During the construction of the Rock Spring 4th subdivision, the shoulder has been breaking up and is badly in need of repair. A portion of the south bound driving lane has also experienced a fair amount of rutting and cracking. This area should be repaired as well before further damage occurs.

DISCUSSION:

Throughout the construction of the Rock Spring 4th project, it was noted that the shoulder and a portion of the south bound driving lane of Webb Road was experiencing distress due to construction traffic entering and exiting the project. It was decided early on to wait until the project was mostly complete before trying to repair any of the damage to the Webb Road shoulder. Now that the majority of the project has been completed, staff have met on-site with the Contractor and Garver to determine the extents of the damage and what needs to be replaced. The Contractor has put together two prices – one for damage that must be repaired (undriveable conditions) and damage that should be repaired (heavily cracked and needs to be replaced, but not undriveable at this point).





As mentioned above, the shoulder of Webb Road was initially constructed of 2" of asphalt onto a compacted dirt base. This combination is enough for an occasional use, but not for continued use of heavy construction traffic. The repaired/replaced section will consist of a 6" crushed concrete base and 6" of asphalt. The crushed concrete base will extend 1' beyond the surface asphalt to provide additional stability for the asphalt surface.

The price for replacing the "non-driveable" sections of Webb Road is \$25,346.00. The price for the additional replacement section is \$37,442.00. While not included in the bid, the Contractor can replace the edge marking for \$2,200.

The overall condition of Webb Road was rated at a "6" or "Good" and is not scheduled for maintenance in the next five years.

FINANCIAL CONSIDERATIONS: The cost of these improvements is considered a City expense and is part of the price of development. Each development pays a 5% administration fee to the general fund, which in turn supports the CIP. Funds for this project will come from the CIP.

POLICY DECISION: The Council needs to decide whether to repair the "non-driveable" portion of Webb Road, or the entirety of the shoulder and part of the driving lane that has been damaged.

RECOMMENDATION: Given that Webb Road is not in the 5-year maintenance plan, staff recommends that Council approve the repairs for the entirety of the damage identified including the replacement of the edge marking for a total of \$64,988.

From: [Max Beins](#)
To: [Anne Stephens](#)
Subject: RE: Message from KM_C458
Date: Monday, October 10, 2022 1:45:47 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Anne,
I think it's around 1100 LF of just the solid white at the shoulder. \$ 2.00/LF would cover that.
Max

From: Anne Stephens <AS Stephens@belaireks.gov>
Sent: Monday, October 10, 2022 11:23 AM
To: Max Beins <maxb@pearsonconstructionllc.com>
Cc: Glover, Eric J. <EJGlover@GarverUSA.com>
Subject: RE: Message from KM_C458

Thanks Max!

What would it cost to add striping in?



Anne Stephens, PE

City Engineer

7651 E. Central Park Ave.
Bel Aire, KS 67226
P: (316) 744-2451 ext: 133



From: Max Beins <maxb@pearsonconstructionllc.com>
Sent: Thursday, October 06, 2022 4:11 PM
To: Anne Stephens <AS Stephens@belaireks.gov>
Cc: Glover, Eric J. <EJGlover@GarverUSA.com>
Subject: FW: Message from KM_C458

Anne,
Attached is our proposal for the Webb Road patch work. Please review the notes and let me know what questions you might have.
Thank you,
Max Beins

From: Scans <scans@pearsonconstructionllc.com>
Sent: Thursday, October 6, 2022 4:09 PM

To: Max Beins <maxb@pearsonconstructionllc.com>

Subject: Message from KM_C458



2901 N. Mead
Wichita, KS 67219
p: (316) 263-3100
f: (316) 263-3071
www.pearsonconstructionllc.com

To:	City of Bel-Aire	Contact:	Anne Stephens
Address:	7651 E Central Park Bel-Aire, KS 67226	Phone:	(316) 744-2451
		Fax:	(316) 744-3739
Project Name:	Rock Springs 4th Addition	Bid Number:	2203-009
Project Location:		Bid Date:	

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
300	Remove/Replace West Shoulder (North)	2,244.00	SF	\$9.00	\$20,196.00
301	Traffic Control	1.00	LS	\$5,150.00	\$5,150.00
Total Price for above Items:					\$25,346.00

Alternate

400	Remove/Replace West Shoulder (South)	3,588.00	SF	\$9.00	\$32,292.00
401	Traffic Control	1.00	LS	\$5,150.00	\$5,150.00
Total Price for above Alternate Items:					\$37,442.00

Notes:

- Sales tax excluded
- Staking and Layout included to the extent of what was discussed on site.
- Erosion control excluded
- Soils testing excluded
- Seeding Excluded
- Barricades / traffic control included
- The above price is good for 30 days.
- The existing pavement will be sawn and removed. The subgrade will be removed to a depth required to accomodate a 6" crushed concrete base with 4" base asphalt and 2' surface asphalt. The asphalt mixes will be per C.O.W. standards. The crushed concrete base will extend 12" beyond the west edge of the asphalt.
- Pavement markings/stripping are excluded.
- If the base bid and alternate are chosen together, deduct \$2500 from the Alternate traffic control.
- Pearson requests an additional 10 working days be added to the contract time for this work.
- As our schedule stands now, work could begin late October/early November....preferably after the import material has been hauled in.

Payment Terms:

Payment: Net 30 Days

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

Pearson Construction, LLC

Authorized Signature: _____

Estimator: Max Beins

316-263-3100 maxb@pearsonconstructionllc.com