
MEMORANDUM

TO: City of Woodcreek Platinum Roads Panel

FROM: Ryan S. Thomas, PE, K Friese + Associates

SUBJECT: City of Woodcreek – Interim Street Repair Project / Options

DATE: November 11, 2022

Background:

K Friese + Associates (KFA) has been requested to develop an Invitation for Bids / Project Manual for applying a double chip seal treatment to certain high priority side streets within the City of Woodcreek with \$227,000 in Reserve Funds that was set-aside for this purpose. Following discussion and direction at the October 20, 2022 Platinum Roads Panel Meeting, final revisions have been made to the Invitation for Bids / Project Manual, which has been provided with this Memorandum.

Project Considerations:

It was also discussed during the October 20, 2022 Platinum Roads Panel Meeting that the City Council will need to consider its options relative to project funding, as the streets currently identified 1) do not include all locations originally specified by the City Council and 2) are estimated to exceed the current project budget (see attached Cost Estimate and Breakdown by Street Location).

One additional item of note is that Proposition A recently passed as a ballot measure at the November 8, 2022 Election, which will provide an additional \$3,495,000 in transportation bond funding. This additional funding is intended to be used to provide for additional street improvements throughout the City.

Options:

Considering the projected costs and other potential funding, the following options are offered for the Panel's consideration prior to making its recommendation to the City Council:

Option 1: Issue the Invitation for Bids as prepared and request additional funding from the City Council.

Option 2: Selectively remove certain streets to reduce the cost estimate to within the current budget or another proposed amount and modify the Invitation for Bids / Project Manual accordingly.

Option 3: Defer completion of the interim project and incorporate the improvements into the larger bond project.

I will be available for any comments, questions, or further direction at the November 17, 2022 Platinum Roads Panel Meeting.

RST

City of Woodcreek
 Residential Streets Chipseal Project
 Preliminary Cost Estimate

CITY OF WOODCREEK					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1006002	PREPARING ROW	STA	46.5	\$ 800.00	\$ 37,200.00
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	839	\$ 95.00	\$ 79,705.00
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	7168	\$ 15.00	\$ 107,520.00
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	345	\$ 160.00	\$ 55,200.00
3516004	FLEXIBLE PAVEMENT STRUCTURE REPAIR (8")	SY	209	\$ 80.00	\$ 16,720.00
5006001	MOBILIZATION	LSUM	1	\$ 30,000.00	\$ 30,000.00
5026001	BARRICADES, SIGNS AND TRAFFIC HANLING	MO	1	\$ 5,000.00	\$ 5,000.00
6666042	REFL PAV MRK TY 1 (W)12"(SLD)(100MIL)	LF	9	\$ 10.00	\$ 90.00
6726009	REFL PAV MRKR TY II-C-R *	EA	6	\$ 10.00	\$ 60.00
N/A	CONSTRUCTION PHOTOGRAPHY	LSUM	1	\$ 2,000.00	\$ 2,000.00
SUBTOTAL					\$ 333,495.00
TOTAL ESTIMATED CONSTRUCTION COST					\$ 333,495.00

* COLORS TO BE BLUE TO INDICATE FIRE HYDRANT

STREET	PRICE	% OF LSUM ITEMS	TOTAL PRICE
COUNTRY LANE	\$ 84,900.00	\$ 4,117.78	\$ 89,017.78
COUNTRY COURT	\$ 10,265.00	\$ 4,117.78	\$ 14,382.78
OVERBROOK COURT	\$ 37,160.00	\$ 4,117.78	\$ 41,277.78
TREMONT TRACE	\$ 63,230.00	\$ 4,117.78	\$ 67,347.78
GARRISON TRAIL	\$ 9,735.00	\$ 4,117.78	\$ 13,852.78
WOODVIEW COURT	\$ 17,370.00	\$ 4,117.78	\$ 21,487.78
WOODRIDGE CIRCLE	\$ 17,500.00	\$ 4,117.78	\$ 21,617.78
CANYON CIRCLE	\$ 13,295.00	\$ 4,117.78	\$ 17,412.78
WILDWOOD CIRCLE	\$ 42,980.00	\$ 4,117.78	\$ 47,097.78
ESTIMATED ALL PROJECT PRICE			\$ 333,495.00

City of Woodcreek
 Residential Streets Chipseal Project
 Residential Street Cost Breakdown

COUNTRY LANE					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1006002	PREPARING ROW	STA	12.9	\$ 800.00	\$ 10,320.00
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	215	\$ 95.00	\$ 20,425.00
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	1845	\$ 15.00	\$ 27,675.00
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	87	\$ 160.00	\$ 13,920.00
3516004	FLEXIBLE PAVEMENT STRUCTURE REPAIR (8")	SY	157.0	\$ 80.00	\$ 12,560.00
% OF LSUM ITEMS					\$ 4,117.78
STREET TOTAL					\$ 89,017.78

COUNTRY COURT					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1006002	PREPARING ROW	STA	1.4	\$ 800.00	\$ 1,120.00
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	31	\$ 95.00	\$ 2,945.00
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	264	\$ 15.00	\$ 3,960.00
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	14	\$ 160.00	\$ 2,240.00
% OF LSUM ITEMS					\$ 4,117.78
STREET TOTAL					\$ 14,382.78

OVERBROOK COURT					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1006002	PREPARING ROW	STA	7.5	\$ 800.00	\$ 6,000.00
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	108	\$ 95.00	\$ 10,260.00
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	924	\$ 15.00	\$ 13,860.00
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	44	\$ 160.00	\$ 7,040.00
% OF LSUM ITEMS					\$ 4,117.78
STREET TOTAL					\$ 41,277.78

TREMONT TRACE					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1006002	PREPARING ROW	STA	7.5	\$ 800.00	\$ 6,000.00
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	183	\$ 95.00	\$ 17,385.00
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	1573	\$ 15.00	\$ 23,595.00
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	75	\$ 160.00	\$ 12,000.00
3516004	FLEXIBLE PAVEMENT STRUCTURE REPAIR (8")	SY	52.0	\$ 80.00	\$ 4,160.00
6666042	REFL PAV MRK TY 1 (W)12"(SLD)(100MIL)	LF	9	\$ 10.00	\$ 90.00
% OF LSUM ITEMS					\$ 4,117.78
STREET TOTAL					\$ 67,347.78

GARRISON TRAIL						
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	
1006002	PREPARING ROW	STA	1.3	\$ 800.00	\$ 1,040.00	
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	30	\$ 95.00	\$ 2,850.00	
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	251	\$ 15.00	\$ 3,765.00	
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	13	\$ 160.00	\$ 2,080.00	
% OF LSUM ITEMS					\$ 4,117.78	
					STREET TOTAL	\$ 13,852.78

WOODVIEW COURT						
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	
1006002	PREPARING ROW	STA	2.6	\$ 800.00	\$ 2,080.00	
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	53	\$ 95.00	\$ 5,035.00	
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	449	\$ 15.00	\$ 6,735.00	
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	22	\$ 160.00	\$ 3,520.00	
% OF LSUM ITEMS					\$ 4,117.78	
					STREET TOTAL	\$ 21,487.78

WOODRIDGE CIRCLE						
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	
1006002	PREPARING ROW	STA	2.4	\$ 800.00	\$ 1,920.00	
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	54	\$ 95.00	\$ 5,130.00	
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	462	\$ 15.00	\$ 6,930.00	
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	22	\$ 160.00	\$ 3,520.00	
% OF LSUM ITEMS					\$ 4,117.78	
					STREET TOTAL	\$ 21,617.78

CANYON CIRCLE						
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	
1006002	PREPARING ROW	STA	1.9	\$ 800.00	\$ 1,520.00	
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	41	\$ 95.00	\$ 3,895.00	
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	344	\$ 15.00	\$ 5,160.00	
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	17	\$ 160.00	\$ 2,720.00	
% OF LSUM ITEMS					\$ 4,117.78	
					STREET TOTAL	\$ 17,412.78

WILDWOOD CIRCLE						
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	
1006002	PREPARING ROW	STA	9.0	\$ 800.00	\$ 7,200.00	
3166224	AGGR(TY-PB GR-4 SAC-B)	CY	124	\$ 95.00	\$ 11,780.00	
3166466	ASPH (CHFRS-2P OR CRS-2P)	GAL	1056	\$ 15.00	\$ 15,840.00	
3406246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL_UP)	TON	51	\$ 160.00	\$ 8,160.00	
% OF LSUM ITEMS					\$ 4,117.78	
					STREET TOTAL	\$ 47,097.78