



STAFF REPORT

DATE: October 10, 2022

TO: Ty Lasher, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: Chapel Landing Ph 2 Paving Bids

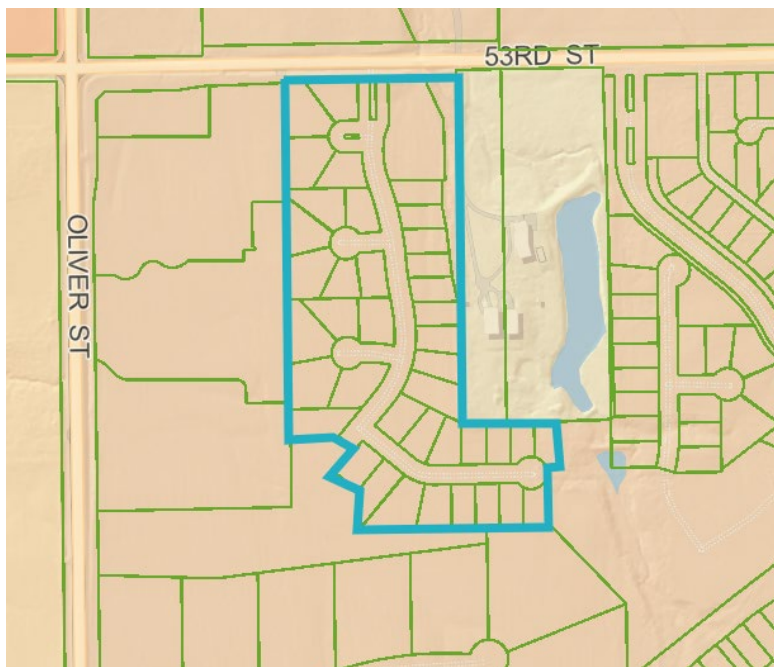
BACKGROUND:

The Developer of Chapel Landing Phase 2 is ready to proceed with paving improvements for the subdivision.

DISCUSSION:

Baughman worked with the Developer to design the paving improvements for Chapel Landing, Phase 2 Paving Improvements. Bids were accepted on October 6th for the project. Five contractors responded to the solicitation.

Contractor	Asphalt	Concrete
Engineer's Estimate	\$471,456.00	\$626,216.00
APAC	\$576,327.65	\$725,919.70
Kansas Paving	\$518,171.80	\$619,273.80
Pearson	\$475,791.00	\$638,128.00
Prado	No Bid	\$607,372.50
Wildcat	No Bid	\$738,934.30



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: There is a 24.3% difference between the low bid for the concrete and the low bid for the asphalt. Staff recommends that the City Council accept the bid for concrete from Prado for \$607,372.50.

BID TABULATIONS
STREET PAVING AND INCIDENTAL STORMWATER SEWER
TO SERVE CHAPEL LANDING ADDITION PHASE 2
BEL AIRE, KANSAS
BID DATE: October 6th, 2022 at 10:00 A.M.

**ADDENDUM NO. 1

			Engineer's Estimate		Apac Construction		Kansas Paving		Pearson Construction		Prado Construction		Wildcat Construction	
Bid Items:	Quantities	Unit	Bid Price	Total	Bid Price	Total	Bid Price	Total	Bid Price	Total	Bid Price	Total	Bid Price	Total
AC Pavement 7" (5" Bit Base)	7,630	S.Y.	\$27.00	\$206,010.00	\$34.75	\$265,142.50	\$28.00	\$213,640.00	\$30.00	\$228,900.00				
2.5" Bit Base	1,941	S.Y.	\$10.00	\$19,410.00	\$12.00	\$23,292.00	\$8.00	\$15,528.00	\$0.00	\$0.00				
Crushed Rock Base 5", Reinforced	9,571	S.Y.	\$8.00	\$76,568.00	\$6.95	\$66,518.45	\$8.00	\$76,568.00	\$7.00	\$66,997.00				
Concrete Pavement (VG) 7" (Reinf)	208	S.Y.	\$80.00	\$16,640.00	\$65.00	\$13,520.00	\$60.00	\$12,480.00	\$58.00	\$12,064.00				
Concrete C & G, Type 2 (3-5/8" RL & 1-1/2")	3,936	L.F.	\$11.00	\$43,296.00	\$13.50	\$53,136.00	\$11.00	\$43,296.00	\$12.00	\$47,232.00				
Concrete C & G, Type 4 (6-5/8" & 1-1/2")	346	L.F.	\$14.00	\$4,844.00	\$17.00	\$5,882.00	\$11.00	\$3,806.00	\$14.00	\$4,844.00				
Concrete Curb, Mono Edge (6-5/8" & 1-1/2")	128	L.F.	\$12.00	\$1,536.00	\$5.00	\$640.00	\$2.00	\$256.00	\$5.00	\$640.00				
Concrete Sidewalk 6"	5,580	S.F.	\$5.00	\$27,900.00	\$5.00	\$27,900.00	\$4.00	\$22,320.00	\$4.00	\$22,320.00				
Wheelchair Ramp w/ Detectable Warnings	1	E.A.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$750.00	\$750.00				
6" Drive Pavement	96	S.F.	\$12.00	\$1,152.00	\$12.00	\$1,152.00	\$10.00	\$960.00	\$12.00	\$1,152.00				
Excavation	1,333	C.Y.	\$4.00	\$5,332.00	\$6.50	\$8,664.50	\$5.00	\$6,665.00	\$9.00	\$11,997.00				
Fill, Compacted	70	C.Y.	\$2.00	\$140.00	\$3.00	\$210.00	\$3.00	\$210.00	\$1.50	\$105.00				
Pipe, SWS 30"	56	L.F.	\$90.00	\$5,040.00	\$115.00	\$6,440.00	\$121.00	\$6,776.00	\$110.00	\$6,160.00				
Pipe, End Section 30"	2	E.A.	\$2,500.00	\$5,000.00	\$1,150.00	\$2,300.00	\$850.00	\$1,700.00	\$1,450.00	\$2,900.00				
Concrete Flume	73	L.F.	\$50.00	\$3,650.00	\$60.00	\$4,380.00	\$30.00	\$2,190.00	\$46.00	\$3,358.00				
Inlet Adjusted	4	E.A.	\$1,000.00	\$4,000.00	\$1,190.00	\$4,760.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00				
Inlet Hookup	4	E.A.	\$750.00	\$3,000.00	\$700.00	\$2,800.00	\$600.00	\$2,400.00	\$650.00	\$2,600.00				
Inlet Underdrain	84	L.F.	\$20.00	\$1,680.00	\$45.00	\$3,780.00	\$1.00	\$84.00	\$21.00	\$1,764.00				
Rip-Rap, Light Stone	54	S.Y.	\$70.00	\$3,780.00	\$100.00	\$5,400.00	\$75.00	\$4,050.00	\$75.00	\$4,050.00				
BMP, Back of Curb Protection	4,478	L.F.	\$1.00	\$4,478.00	\$0.90	\$4,030.20	\$0.10	\$447.80	\$1.00	\$4,478.00				
Maintain Existing BMPs	1	L.S.	\$2,000.00	\$2,000.00	\$1,530.00	\$1,530.00	\$50.00	\$50.00	\$1,530.00	\$1,530.00				
Ditch Restoration	1	L.S.	\$1,500.00	\$1,500.00	\$300.00	\$300.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00				
Grading, Easement	1	L.S.	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00				
Signing	1	L.S.	\$3,500.00	\$3,500.00	\$2,950.00	\$2,950.00	\$3,545.00	\$3,545.00	\$2,950.00	\$2,950.00				
Seeding	1	L.S.	\$5,000.00	\$5,000.00	\$8,100.00	\$8,100.00	\$6,200.00	\$6,200.00	\$8,100.00	\$8,100.00				
Site Clearing & Restoration	1	L.S.	\$15,000.00	\$15,000.00	\$59,000.00	\$59,000.00	\$88,000.00	\$88,000.00	\$35,000.00	\$35,000.00				
TOTAL STR PAV W/ INC. SWD (ASPHALT)			\$471,456.00		\$576,327.65		\$518,171.80		\$475,791.00		NO BID		NO BID	



			Engineer's Estimate		Apac Construction		Kansas Paving		Pearson Construction		Prado Construction		Wildcat Construction	
Bid Items:	Quantities	Unit	Bid Price	Total	Bid Price	Total	Bid Price	Total	Bid Price	Total	Bid Price	Total	Bid Price	Total
6" Concrete Pavement	7,630	S.Y.	\$50.00	\$381,500.00	\$56.50	\$431,095.00	\$45.00	\$343,350.00	\$50.00	\$381,500.00	\$46.00	\$350,980.00	\$53.00	\$404,390.00
Crushed Rock Base 5", Reinforced	9,571	S.Y.	\$8.00	\$76,568.00	\$6.95	\$66,518.45	\$8.00	\$76,568.00	\$7.00	\$66,997.00	\$8.50	\$81,353.50	\$10.50	\$100,495.50
Concrete Pavement (VG) 7" (Reinf)	208	S.Y.	\$80.00	\$16,640.00	\$65.00	\$13,520.00	\$60.00	\$12,480.00	\$58.00	\$12,064.00	\$55.00	\$11,440.00	\$70.00	\$14,560.00
Concrete C & G, Type 2 (3-5/8" RL & 1-1/2")	3,936	L.F.	\$11.00	\$43,296.00	\$13.50	\$53,136.00	\$11.00	\$43,296.00	\$11.00	\$43,296.00	\$11.00	\$43,296.00	\$17.00	\$66,912.00
Concrete C & G, Type 4 (6-5/8" & 1-1/2")	346	L.F.	\$14.00	\$4,844.00	\$17.00	\$5,882.00	\$11.00	\$3,806.00	\$14.00	\$4,844.00	\$11.00	\$3,806.00	\$19.50	\$6,747.00
Concrete Curb, Mono Edge (6-5/8" & 1-1/2")	128	L.F.	\$10.00	\$1,280.00	\$5.00	\$640.00	\$2.00	\$256.00	\$5.00	\$640.00	\$3.00	\$384.00	\$6.15	\$787.20
Concrete Sidewalk 6"	5,580	S.F.	\$5.00	\$27,900.00	\$5.00	\$27,900.00	\$4.00	\$22,320.00	\$4.00	\$22,320.00	\$4.00	\$22,320.00	\$6.20	\$34,596.00
Wheelchair Ramp w/ Detectable Warnings	1	E.A.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$750.00	\$750.00	\$800.00	\$800.00	\$1,814.00	\$1,814.00
6" Drive Pavement	96	S.F.	\$12.00	\$1,152.00	\$12.00	\$1,152.00	\$10.00	\$960.00	\$12.00	\$1,152.00	\$10.00	\$960.00	\$10.70	\$1,027.20
Excavation	1,067	C.Y.	\$4.00	\$4,268.00	\$8.15	\$8,696.05	\$5.00	\$5,335.00	\$10.00	\$10,670.00	\$5.00	\$5,335.00	\$10.30	\$10,990.10
Fill, Compacted	70	C.Y.	\$2.00	\$140.00	\$3.00	\$210.00	\$3.00	\$210.00	\$1.50	\$105.00	\$1.00	\$70.00	\$2.25	\$157.50
Pipe, SWS 30"	56	L.F.	\$90.00	\$5,040.00	\$115.00	\$6,440.00	\$121.00	\$6,776.00	\$110.00	\$6,160.00	\$120.00	\$6,720.00	\$124.50	\$6,972.00
Pipe, End Section 30"	2	E.A.	\$2,500.00	\$5,000.00	\$1,150.00	\$2,300.00	\$850.00	\$1,700.00	\$1,450.00	\$2,900.00	\$900.00	\$1,800.00	\$1,129.00	\$2,258.00
Concrete Flume	73	L.F.	\$50.00	\$3,650.00	\$60.00	\$4,380.00	\$30.00	\$2,190.00	\$46.00	\$3,358.00	\$30.00	\$2,190.00	\$69.10	\$5,044.30
Inlet Adjusted	4	E.A.	\$1,000.00	\$4,000.00	\$1,190.00	\$4,760.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00	\$100.00	\$400.00	\$444.00	\$1,776.00
Inlet Hookup	4	E.A.	\$750.00	\$3,000.00	\$700.00	\$2,800.00	\$600.00	\$2,400.00	\$650.00	\$2,600.00	\$300.00	\$1,200.00	\$371.00	\$1,484.00
Inlet Underdrain	84	L.F.	\$20.00	\$1,680.00	\$20.00	\$1,680.00	\$1.00	\$84.00	\$21.00	\$1,764.00	\$10.00	\$840.00	\$27.10	\$2,276.40
Rip-Rap, Light Stone	54	S.Y.	\$70.00	\$3,780.00	\$100.00	\$5,400.00	\$75.00	\$4,050.00	\$75.00	\$4,050.00	\$100.00	\$5,400.00	\$62.40	\$3,369.60
BMP, Back of Curb Protection	4,478	L.F.	\$1.00	\$4,478.00	\$0.90	\$4,030.20	\$0.10	\$447.80	\$1.00	\$4,478.00	\$1.00	\$4,478.00	\$1.25	\$5,597.50
Maintain Existing BMPs	1	L.S.	\$2,000.00	\$2,000.00	\$1,530.00	\$1,530.00	\$50.00	\$50.00	\$1,530.00	\$1,530.00	\$100.00	\$100.00	\$1.00	\$1.00
Ditch Restoration	1	L.S.	\$1,500.00	\$1,500.00	\$300.00	\$300.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$3,925.00	\$3,925.00
Grading, Easement	1	L.S.	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,704.00	\$2,704.00
Signing	1	L.S.	\$3,500.00	\$3,500.00	\$2,950.00	\$2,950.00	\$3,545.00	\$3,545.00	\$2,950.00	\$2,950.00	\$500.00	\$500.00	\$3,800.00	\$3,800.00
Seeding	1	L.S.	\$5,000.00	\$5,000.00	\$8,100.00	\$8,100.00	\$6,200.00	\$6,200.00	\$8,100.00	\$8,100.00	\$6,000.00	\$6,000.00	\$7,250.00	\$7,250.00
Site Clearing & Restoration	1	L.S.	\$15,000.00	\$15,000.00	\$68,000.00	\$68,000.00	\$76,250.00	\$76,250.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
TOTAL STR PAV W/ INC. SWD (CONCRETE)			\$626,216.00		\$725,919.70		\$619,273.80		\$638,128.00		\$607,372.50		\$738,934.30	

