

Chapel Landing 5th Phase 1
Bel Aire, Kansas
June 9, 2022
Petition Cost Summary

Sanitary Sewer	\$32.99
Water Distribution System	\$25.01
Paving	\$124.07
SWD Mass Grading	\$11.81
Sewer Main Benefit Fee	\$4.70
Water Main Benefit Fee	\$3.27
Total of All	\$201.85

20 Years

SANITARY PETITION ESTIMATE

Chapel Landing 5th Phase 1

Bel Aire, Kansas

June 9, 2022

<u>Item</u>	<u>Quantity</u>		<u>Unit Price</u>	<u>Total</u>
SS PVC Pipe 08"	3830	lf	\$35.00	\$134,050.00
Standard Type P MH	15	ea	\$3,500.00	\$52,500.00
4" Riser Assembly	47	ea	\$950.00	\$44,650.00
Flowable Fill	75	lf	\$75.00	\$5,625.00
Erosion Control BMP, Construction Entrance	1	ea	\$3,500.00	\$3,500.00
Adjust Existing MH	1	ea	\$1,000.00	\$1,000.00
Pipe Testing	1	ls	\$4,000.00	\$4,000.00
Site Clearing & Restoration	1	ls	\$10,000.00	\$10,000.00
			Sub-total	\$255,325.00
Engineering, etc. (35%)				\$89,363.75
			Total	\$344,688.75

PETITION AMOUNT

\$345,000.00

letter of credit

\$120,750.00

Benefit District

No. Lots

Cost per Lot

Lots 4-13, Block A

10

Lots 1-7, Block D

7

Lots 1-8, Block E

8

Lots 1-12, 43-63, Block F

33

Total Lots

58

Phase 1 Cost Per lot

\$5,948.28

20 Years at 3%, Cost Per Lot Phase 1

\$32.99

WATER PETITION ESTIMATE

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Bel Aire, Kansas
June 9, 2022

<u>Item</u>	<u>Quantity</u>		<u>Unit Price</u>	<u>Total</u>
WL PVC Pipe 08"	3020	lf	\$35.00	\$105,700.00
Gate Valve Assembly 8"	5	ea	\$1,200.00	\$6,000.00
Anchored Gate Valve Assembly 8"	2	ea	\$1,500.00	\$3,000.00
Blowoff Assembly 2"	2	ea	\$1,000.00	\$2,000.00
Long Services	30	ea	\$1,000.00	\$30,000.00
Fire Hydrant Assembly	5	ea	\$3,750.00	\$18,750.00
Sand Backfill	160	lf	\$15.00	\$2,400.00
Erosion Control BMP, Construction Entrance	1	ea	\$1,000.00	\$1,000.00
Contractor Provided Testing	1	ls	\$3,000.00	\$3,000.00
Site Clearing & Restoration	1	ls	\$5,000.00	\$5,000.00
			Sub-total	\$176,850.00
Engineering, etc. (40%)				\$70,740.00
			Total	\$247,590.00

PETITION AMOUNT

\$248,000.00

letter of credit

\$86,800.00

Benefit District

No. Lots

Cost per Lot

Lots 1-13, Block A

13

Lots 1-13 Block D

13

Lots 1-8, Block E

8

Lots 1-12, 55-63, Block F

21

Total Lots

55

\$4,509.09

Monthly Cost (20 yrs, 3%)

\$25.01

Paving Petition Estimate

Chapel Landing 5th Phase 1

Bel Aire, Kansas

March 23, 2022

	<u>Quantity</u>		<u>Unit Price</u>	<u>Total</u>
Paving Items				
Concrete Pavement 6"	6691	sy	40.00	267,640.00
Reinforced Crushed Rock Base (5")	8564	sy	8.00	68,512.00
RCVG Pavement (7")	450	sy	55.00	24,750.00
Monolithic C & G (6 5/8" RL)	210	lf	5.00	1,050.00
Comb. C & G (3 5/8" RL & 1 1/2")	3795	lf	9.00	34,155.00
Concrete Sidewalk	8900	sf	4.00	35,600.00
Wheelchair Ramp	6	ea	650.00	3,900.00
Inlet Hookups	5	ea	500.00	2,500.00
Earth Work Items				
Excavation	5500	cy	4.00	22,000.00
General Items				
Site Clearing & Restoration	1	LS	25,000.00	25,000.00
Project Seeding	1	LS	5,000.00	5,000.00
Set Property Irons	1	LS	2,500.00	2,500.00
Erosion Control Blanket	3560	sy	1.25	4,450.00
Erosion Control Inlet Protection	14	ea	150.00	2,100.00
Erosion Control; Maintain Existing	1	LS	2,500.00	2,500.00
Storm Water Sewer Drain				
Inlet Underdrain	100	lf	15.00	1,500.00
SWS Pipe 24"	260	lf	50.00	13,000.00
SWS Pipe 18"	521	lf	45.00	23,445.00
SWS Pipe 15"	337	lf	40.00	13,480.00
Type 1A Inlet Single	2	ea	4,000.00	8,000.00
Type 1A Inlet Double	2	ea	4,500.00	9,000.00
Driveway Inlet	1	ea	3,500.00	3,500.00
Backyard Inlet	5	ea	3,500.00	17,500.00
Sand Backfill	90	lf	10.00	900.00
Temporary Ditch	750	lf	10.00	7,500.00
Traffic				
Street Signage	1	LS	2,500.00	2,500.00
Construction Total				\$601,982.00
Project Costs at 30%				\$180,594.60
Total				\$782,576.60
Petition				\$783,000.00
Letter of Credit (35%)				\$274,000.00

Storm Water Drain Petition Estimate

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	<u>Quantity</u>		<u>Unit Price</u>	<u>Total</u>
Earth Work Items				
Excavation	45000	cy	3.00	135,000.00
General Items				
Site Clearing & Restoration	1	LS	25,000.00	25,000.00
Project Seeding	1	LS	10,000.00	10,000.00
Erosion Control; Maintain Existing	1	LS	2,500.00	2,500.00
SWS Pipe 36"	910	lf	50.00	45,500.00
Type 1A Inlet Double	4	ea	4,500.00	18,000.00
Sand Backfill	90	lf	10.00	900.00
Light Stone Rip-Rap	45	sy	75.00	3,375.00
Construction Total				\$240,275.00
Project Costs at 30%				\$72,082.50
Total				\$312,357.50
Petition				\$313,000.00
Letter of Credit (35%)				\$110,000.00
Total Lots		147		
Cost Per Share				\$2,129.25
Phase 1 Cost Per lot				\$2,129.25
20 Years at 3%, Cost Per Lot				\$11.81

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Sewer Main Benefit Calculation	
Area in square feet	792454
Main Benefit Fee (\$0.062/sf)	\$49,132.15
With 58 Lots, Cost Per Lot	\$847.11
20 Years at 3% Monthly Assessment	\$4.70

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Water Main Benefit Calculation	
Area in square feet	811334
Main Benefit Fee (\$0.04/sf)	\$32,453.36
With 55 Lots, Cost Per Lot	\$590.06
20 Years at 3% Monthly Assessment	\$3.27