

APPENDIX D
COSTS ESTIMATES

Feasibility Construction Cost Estimate: Summary

Item	Cost
BASKETBALL COURT	\$190,000.00
PARKING 2A	\$840,000.00
PARKING 2B	\$1,410,000.00
PARKING 2C	\$3,520,000.00
PARKING 2D	\$1,010,000.00
PARKING 2E	\$810,000.00
PARKING 2F	\$560,000.00
PARKING 2G	\$260,000.00
ROAD PARKING LOT	\$210,000.00
UTILITIES	\$150,000.00
BASEBALL / SOFTBALL FIELD (EACH)	\$190,000.00
PLAYGROUND	\$80,000.00
SHORT TERM	\$1,300,000.00
INTERIM	\$1,860,000.00
LONG TERM	\$2,680,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Basketball Court

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$20,000.00	\$20,000.00
Excavation	CY	450	\$45.00	\$20,250.00
Asphalt Curb	LF	375	\$25.00	\$9,375.00
Court (Concrete)	LS	1	\$30,000.00	\$30,000.00
Fencing - 10'	LF	388	\$15.00	\$5,820.00
Asphalt Path	LF	350	\$48.00	\$16,800.00
Benches	EA	2	\$600.00	\$1,200.00
Backboards with Posts	EA	2	\$1,350.00	\$2,700.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$30,000.00	\$30,000.00
Landscaping	LS	1	\$10,000.00	\$10,000.00
Sub-Total				\$146,145.00
Planning Level / Conceptual Contingency (30%)				\$43,843.50
Total (Rounded)				\$190,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2A

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$70,000.00	\$70,000.00
Excavation	CY	2000	\$45.00	\$90,000.00
Common Borrow	CY	1000	\$15.00	\$15,000.00
Retaining Wall	SF	0	\$100.00	\$0.00
Decorative Fencing	LF	0	\$45.00	\$0.00
Asphalt Path	LF	900	\$48.00	\$43,200.00
Curb and Gutter	EA	2300	\$30.00	\$69,000.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	510	\$100.00	\$51,000.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	510	\$120.00	\$61,200.00
6" Graded Aggregate Base	SY	4500	\$20.00	\$90,000.00
5" White Parking Lines	LF	1500	\$3.00	\$4,500.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$110,000.00	\$110,000.00
Landscaping	LS	1	\$40,000.00	\$40,000.00
Sub-Total				\$643,900.00
Planning Level / Conceptual Contingency (30%)				\$193,170.00
Total (Rounded)				\$840,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2B

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$110,000.00	\$110,000.00
Excavation	CY	2500	\$45.00	\$112,500.00
Common Borrow	CY	1500	\$15.00	\$22,500.00
Retaining Wall	SF	1800	\$100.00	\$180,000.00
Decorative Fencing	LF	225	\$45.00	\$10,125.00
Asphalt Path	LF	1200	\$48.00	\$57,600.00
Curb and Gutter	EA	2750	\$30.00	\$82,500.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	625	\$100.00	\$62,500.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	625	\$120.00	\$75,000.00
6" Graded Aggregate Base	SY	5700	\$20.00	\$114,000.00
5" White Parking Lines	LF	1500	\$3.00	\$4,500.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$190,000.00	\$190,000.00
Landscaping	LS	1	\$60,000.00	\$60,000.00
Sub-Total				\$1,081,225.00
Planning Level / Conceptual Contingency (30 %)				\$324,367.50
Total (Rounded)				\$1,410,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2C

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$280,000.00	\$280,000.00
Excavation	CY	5000	\$45.00	\$225,000.00
Common Borrow	CY	2000	\$15.00	\$30,000.00
Retaining Wall	SF	8400	\$100.00	\$840,000.00
Decorative Fencing	LF	1050	\$45.00	\$47,250.00
Asphalt Path	LF	1200	\$48.00	\$57,600.00
Curb and Gutter	EA	3600	\$30.00	\$108,000.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	1250	\$100.00	\$125,000.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	1250	\$120.00	\$150,000.00
6" Graded Aggregate Base	SY	11000	\$20.00	\$220,000.00
Pavement Markings	LF	3000	\$3.00	\$9,000.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$460,000.00	\$460,000.00
Landscaping	LS	1	\$150,000.00	\$150,000.00
Sub-Total				\$2,701,850.00
Planning Level / Conceptual Contingency (30%)				\$810,555.00
Total (Rounded)				\$3,520,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2D

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$80,000.00	\$80,000.00
Excavation	CY	2750	\$45.00	\$123,750.00
Common Borrow	CY	1000	\$15.00	\$15,000.00
Retaining Wall	SF	0	\$150.00	\$0.00
Decorative Fencing	LF	0	\$45.00	\$0.00
Asphalt Path	LF	350	\$48.00	\$16,800.00
Curb and Gutter	EA	2300	\$30.00	\$69,000.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	715	\$100.00	\$71,500.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	715	\$120.00	\$85,800.00
6" Graded Aggregate Base	SY	6300	\$20.00	\$126,000.00
5" White Parking Lines	LF	1500	\$3.00	\$4,500.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$130,000.00	\$130,000.00
Landscaping	LS	1	\$50,000.00	\$50,000.00
Sub-Total				\$772,350.00
Planning Level / Conceptual Contingency (30 %)				\$231,705.00
Total (Rounded)				\$1,010,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2E

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$70,000.00	\$70,000.00
Excavation	CY	2150	\$45.00	\$96,750.00
Common Borrow	CY	1000	\$15.00	\$15,000.00
Retaining Wall	SF	0	\$150.00	\$0.00
Decorative Fencing	LF	0	\$45.00	\$0.00
Asphalt Path	LF	425	\$48.00	\$20,400.00
Curb and Gutter	EA	2000	\$30.00	\$60,000.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	550	\$100.00	\$55,000.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	550	\$120.00	\$66,000.00
6" Graded Aggregate Base	SY	4150	\$20.00	\$83,000.00
5" White Parking Lines	LF	1500	\$3.00	\$4,500.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$110,000.00	\$110,000.00
Landscaping	LS	1	\$40,000.00	\$40,000.00
Sub-Total				\$620,650.00
Planning Level / Conceptual Contingency (30 %)				\$186,195.00
Total (Rounded)				\$810,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2F

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$60,000.00	\$60,000.00
Excavation	CY	1550	\$45.00	\$69,750.00
Common Borrow	CY	750	\$15.00	\$11,250.00
Retaining Wall	SF	0	\$150.00	\$0.00
Decorative Fencing	LF	0	\$45.00	\$0.00
Asphalt Path	LF	270	\$48.00	\$12,960.00
Curb and Gutter	EA	775	\$30.00	\$23,250.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	360	\$100.00	\$36,000.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	360	\$120.00	\$43,200.00
6" Graded Aggregate Base	SY	3200	\$20.00	\$64,000.00
5" White Parking Lines	LF	1500	\$3.00	\$4,500.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$70,000.00	\$70,000.00
Landscaping	LS	1	\$30,000.00	\$30,000.00
Sub-Total				\$424,910.00
Planning Level / Conceptual Contingency (30%)				\$127,473.00
Total (Rounded)				\$560,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Parking Lot 2G

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$20,000.00	\$20,000.00
Excavation	CY	650	\$45.00	\$29,250.00
Common Borrow	CY	400	\$15.00	\$6,000.00
Retaining Wall	SF	0	\$150.00	\$0.00
Decorative Fencing	LF	0	\$45.00	\$0.00
Asphalt Path	LF	130	\$48.00	\$6,240.00
Curb and Gutter	EA	700	\$30.00	\$21,000.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	150	\$100.00	\$15,000.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	150	\$120.00	\$18,000.00
6" Graded Aggregate Base	SY	1350	\$20.00	\$27,000.00
5" White Parking Lines	LF	750	\$3.00	\$2,250.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$40,000.00	\$40,000.00
Landscaping	LS	1	\$10,000.00	\$10,000.00
Sub-Total				\$194,740.00
Planning Level / Conceptual Contingency (30%)				\$58,422.00
Total (Rounded)				\$260,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Road Lot

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$20,000.00	\$20,000.00
Excavation	CY	500	\$45.00	\$22,500.00
Common Borrow	CY	100	\$15.00	\$1,500.00
Retaining Wall	SF	0	\$150.00	\$0.00
8' Chain Link Fence	LF	1400	\$15.00	\$21,000.00
Asphalt Path	LF	25	\$48.00	\$1,200.00
Curb and Gutter	EA	525	\$30.00	\$15,750.00
SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE	TN	120	\$100.00	\$12,000.00
SUPERPAVE ASPHALT MIX 19.0MM FOR BASE	TN	120	\$120.00	\$14,400.00
6" Graded Aggregate Base	SY	480	\$20.00	\$9,600.00
5" White Parking Lines	LF	720	\$3.00	\$2,160.00
Drainage Structures, Pipes, and Stormwater	LS	1	\$30,000.00	\$30,000.00
Landscaping	LS	1	\$10,000.00	\$10,000.00
Sub-Total				\$160,110.00
Planning Level / Conceptual Contingency (30%)				\$48,033.00
Total (Rounded)				\$210,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Utilities

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$20,000.00	\$20,000.00
Water Line	LF	750	\$100.00	\$75,000.00
Water Valve	EA	2	\$1,200.00	\$2,400.00
Sanitary Line	LF	350	\$50.00	\$17,500.00
Sanitary Manhole	EA	2	\$15.00	\$30.00
Sub-Total				\$114,930.00
Planning Level / Conceptual Contingency (30%)				\$34,479.00
Total (Rounded)				\$150,000.00

Note: Right-of-way and unknown utility costs are not included.

Feasibility Construction Cost Estimate: Softball/Baseball Field

Item	Unit	Quantity	Unit Cost	Item Cost
Mobilization, Clearing and Grubbing, Stakeout	LS	1	\$20,000.00	\$20,000.00
Field	LS	1	\$60,000.00	\$60,000.00
Bases	EA	4	\$50.00	\$200.00
Fencing	LS	1	\$15,000.00	\$15,000.00
Backstop	LS	1	\$2,700.00	\$2,700.00
Irrigation	LS	1	\$33,000.00	\$33,000.00
Seating	EA	2	\$3,300.00	\$6,600.00
Scoreboard	EA	1	\$1,500.00	\$1,500.00
Sub-Total				\$139,000.00
Planning Level / Conceptual Contingency (30%)				\$41,700.00
Total (Rounded)				\$190,000.00

Note: Right-of-way and unknown utility costs are not included.