

**TERRILL PARK IMPROVEMENT PROGRAM
PPS&E ESTIMATE
SEPTEMBER 24, 2009**

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
SITE ACCESS DRIVEWAYS					
201.1	CLEARING AND GRUBBING	SF	15000	\$1	\$15,000
201.21	REMOVING SMALL TREES	EA	10	\$100	\$1,000
203.1	COMMON EXCAVATION	CY	2,000	\$10	\$20,000
214.	FINE GRADING	U	1	\$2,000	\$2,000
304.2	GRAVEL	CY	1,400	\$20	\$28,000
304.3	CRUSHED GRAVEL	CY	700	\$25	\$17,500
403.12	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	T	700	\$75	\$52,500
606.140	BEAM GUARDRAIL (STANDARD SECTION-WOOD POSTS)	LF	120	\$20	\$2,400
606.147	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-1d)	U	2	\$750	\$1,500
628.2	SAWED BITUMINOUS PAVEMENT	LF	70	\$5	\$350
641.04	LOAM	CY	150	\$20	\$3,000
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,200	\$2	\$2,400
CONSTRUCTION COST SUB-TOTAL					\$145,650
Use					\$146,000
PARKING LOT					
201.1	CLEARING AND GRUBBING	SF	15000	\$1	\$15,000
201.21	REMOVING SMALL TREES	EA	12	\$100	\$1,200
202.81	REMOVE/RESET EXISTING FENCE	LF	300	\$15	\$4,500
203.1	COMMON EXCAVATION	CY	6,000	\$10	\$60,000
203.6	EMBANKMENT IN PLACE	CY	200	\$10	\$2,000
214.	FINE GRADING	U	1	\$2,000	\$2,000
304.2	GRAVEL	CY	2,400	\$20	\$48,000
304.25	3/8" PEA GRAVEL	CY	600	\$25	\$15,000
304.45	3/4" CRUSHED STONE CHOKER COURSE	CY	1,200	\$25	\$30,000
304.55	3/4" CRUSHED STONE RESERVOIR COURSE	CY	1,200	\$25	\$30,000
405.1	PERVIOUS BITUMINOUS PAVEMENT	T	1,600	\$80	\$128,000
606.5318	WOOD GUARDRAIL	LF	600	\$35	\$21,000
609.01	STRAIGHT GRANITE CURB	LF	1,600	\$20	\$32,000
609.02	CURVED GRANITE CURB	LF	300	\$35	\$10,500
609.226	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 6" HIGH	LF	300	\$15	\$4,500
609.236	CURVED GRANITE SLOPE CURB, 6" HIGH	LF	320	\$30	\$9,600
609.5	RESET GRANITE CURB	LF	100	\$10	\$1,000
615.03	TRAFFIC SIGN TYPE C	SF	40	\$50	\$2,000
628.2	SAWED BITUMINOUS PAVEMENT	LF	70	\$5	\$350
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	4,000	\$0.25	\$1,000
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	24	\$10.00	\$240
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	600	\$12.00	\$7,200
632.32	RETROREFLECT. THERMOPLAS. PAVE. MARKING, SYMBOL OR WORD	EA	10	\$200.00	\$2,000
CONSTRUCTION COST SUB-TOTAL					\$427,090
Use					\$428,000
FIELD IMPROVEMENTS					
202.8	REMOVING EXISTING FENCE	LF	500	\$5	\$2,500
203.1	COMMON EXCAVATION	CY	3800	\$10	\$38,000
214.	FINE GRADING	U	1	\$2,000	\$2,000
304.1	SAND SELECT BASE	CY	1,800	\$10	\$18,000
304.7	1/8" STONE DUST	CY	223	\$30	\$6,690
607.645	4' HIGH CHAIN LINK FENCE, VINYL-COATED, BLACK	LF	1,280	\$20	\$25,600
607.649	4' HIGH POST ASSEMBLIES FOR CHAIN LINK FENCE, BLACK	EA	8	\$150	\$1,200
607.665	6' HIGH CHAIN LINK FENCE, VINYL-COATED, BLACK	LF	1,600	\$25	\$40,000
607.669	6' HIGH POST ASSEMBLIES FOR CHAIN LINK FENCE, BLACK	EA	24	\$200	\$4,800
607.71065	10' GATE FOR 6' HIGH CHAIN LINK FENCE, VINYL-COTAED, BLACK	EA	6	\$2,000	\$12,000
625.9	ATHLETIC FIELD LIGHTING	U	1	\$100,000	\$100,000
660.1	INFILL TURF FIELD SYSTEM	SF	96,000	\$6	\$576,000
CONSTRUCTION COST SUB-TOTAL					\$826,790
Use					\$827,000
GRANDSTAND/PAVILLION/STORAGE BUILDINGS					
203.1	COMMON EXCAVATION	CY	1,200	\$10	\$12,000
214.	FINE GRADING	U	1	\$2,000	\$2,000
304.3	CRUSHED GRAVEL	CY	1,200	\$25	\$30,000
304.7	1/8" STONE DUST	CY	300	\$30	\$9,000
608.4	PERVIOUS BRICK PAVERS	SF	13,500	\$5	\$67,500
660.11	GRANDSTAND PAVILLION	SF	1,800	\$75	\$135,000
660.120	LOCKERS/CONSESSION BUILDINGS	SF	2,800	\$65	\$182,000
660.130	MAINTENANCE/STORAGE BUILDINGS	SF	1,200	\$45	\$54,000
660.510	1,000 SEAT GRANDSTAND W/ ADA SEATING AND RAMPS	LS	1	\$300,000	\$300,000
CONSTRUCTION COST SUB-TOTAL					\$791,500

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ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
					Use \$792,000
SITE WALKWAYS					
203.1	COMMON EXCAVATION	CY	300	\$10	\$3,000
214.	FINE GRADING	U	1	\$2,000	\$2,000
304.3	CRUSHED GRAVEL	CY	200	\$25	\$5,000
304.7	1/8" STONE DUST	CY	120	\$30	\$3,600
608.13	3" BITUMINOUS SIDEWALK	SY	1,000	\$20	\$20,000
CONSTRUCTION COST SUB-TOTAL					\$33,600
					Use \$34,000
SEWER IMPROVEMENTS					
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	320	\$5	\$1,600
202.5	REMOVAL OF EXISTING SEWER MANHOLES	EA	2	\$500	\$1,000
604.31	SEWER MANHOLES	U	1	\$2,200	\$2,200
604.51	RECONSTRUCT SEWER MANHOLES	LF	12	\$200	\$2,400
612.3312	12" PVC-SDR35 SEWER PIPE	LF	530	\$50	\$26,500
CONSTRUCTION COST SUB-TOTAL					\$33,700
					Use \$34,000
SITE LIGHTING					
614.522	MOLDED PULL BOX 13" 24"	EA	8	\$300	\$2,400
614.7118	1 1/2" PVC PLASTIC CONDUIT, SCHEDULE 80	LF	2,500	\$12	\$30,000
625.	LIGHT POLE BASES	EA	24	\$600	\$14,400
625.6	20' ALUMINUM LIGHT POLE	EA	24	\$2,000	\$48,000
625.71	LUMINAIRE "S1 TYPE"	EA	24	\$500	\$12,000
CONSTRUCTION COST SUB-TOTAL					\$106,800
					Use \$107,000
LANDSCAPING					
641.04	LOAM	CY	500	\$20	\$10,000
645.153	BARK MULCH 3 INCHES DEEP	SY	400	\$10	\$4,000
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	2,000	\$2	\$4,000
650.2	PERRENIALS, PLANTED	AL	1	\$5,000	\$5,000
656.2	LANDSCAPING PLANT MATERIALS, PLANTED	AL	1	\$15,000	\$15,000
CONSTRUCTION COST SUB-TOTAL					\$38,000
					Use \$38,000
EROSION CONTROL					
645.3	EROSION STONE	CY	100	\$15	\$1,500
645.531	SILT FENCE	LF	1,800	\$5	\$9,000
645.7	STORMWATER POLLUTION PREVENTION PLAN	U	1	\$2,500	\$2,500
645.71	MONITORING SWPPP	AL	1	\$5,000	\$5,000
699.0	MISC. TEMPORARY EROSION CONTROL	AL	1	\$5,000	\$5,000
CONSTRUCTION COST SUB-TOTAL					\$23,000
					Use \$23,000
MOBILIZATION					
692.0	MOBILIZATION	U	1	\$100,000	\$100,000
CONSTRUCTION COST SUB-TOTAL FOR ALL ITEMS					\$2,529,000
					\$100,000
					\$10,000
OVERALL TOTAL COST					\$2,639,000
					Use \$2,640,000