

**ENGINEER'S OPINION OF PROBABLE COST 1/2/2007**

2007 PARKING LOT IMPROVEMENTS

MINNESOTA STATE UNIVERSITY, MANKATO  
MANKATO, MN

ITEM NO.	ITEM	APPROX. QUANT.	UNIT	UNIT PRICE	AMOUNT
<b>SECTION A - LOT 1</b>					
1	MOBILIZATION (WHOLE PROJECT)		1 LS	\$10,000.00	\$10,000.00
2	TRAFFIC CONTROL (WHOLE PROJECT)		1 LS	\$5,000.00	\$5,000.00
3	REMOVE BITUMINOUS PAVEMENT	870	SY	\$2.25	\$1,957.50
4	BITUMINOUS PATCH	500	SY	\$25.00	\$12,500.00
5	3" BITUMINOUS WEAR COURSE	870	SY	\$7.75	\$6,742.50
6	CRACK FILL	5,000	LF	\$1.75	\$8,750.00
7	CONTINGENCY				\$4,495.00
<b>SUBTOTAL SECTION A (LOT 1):</b>					<b>\$49,445.00</b>
<b>SECTION B - LOT 7</b>					
1	REMOVE, SALVAGE AND REPLACE CHAIN L		1 LS	\$500.00	\$500.00
2	SAW CUT EXISTING BITUMINOUS PAVEMENT	300	LF	\$1.00	\$300.00
3	REMOVE BITUMINOUS PAVEMENT	1,600	SY	\$2.25	\$3,600.00
4	REMOVE CONCRETE WALK	231	SF	\$1.25	\$288.75
5	COMMON EXCAVATION	390	CY	\$6.50	\$2,535.00
6	SALVAGE, STOCKPILE AND PLACE EXISTING	265	CY	\$12.00	\$3,180.00
7	AGGREGATE BASE, CL. 5 (100% CRUSHED)	300	CY	\$25.00	\$7,500.00
8	3" BITUMINOUS NON-WEAR COURSE	1,650	SY	\$7.50	\$12,375.00
9	2" BITUMINOUS WEAR COURSE	1,650	SY	\$5.00	\$8,250.00
10	BITUMINOUS TACK COAT	100	GAL	\$2.25	\$225.00
11	7" FIBER MESH CONCRETE DRIVEWAY PAV	22.5	SY	\$50.00	\$1,125.00
12	6" FIBER MESH CONCRETE WALK	50	SF	\$4.75	\$237.50
13	CRACK FILL	2,100	LF	\$1.75	\$3,675.00
14	BITUMINOUS PATCH	90	SY	\$25.00	\$2,250.00
15	4" UNDERDRAIN	273	LF	\$7.75	\$2,115.75
16	CONNECT TO EXISTING STORM SEWER ST		1 EA	\$350.00	\$350.00
17	12" STORM SEWER PIPE	121	LF	\$30.00	\$3,630.00
18	STORM SEWER STRUCTURE, DES. G	10.26	LF	\$200.00	\$2,052.00
19	STORM SEWER CASTING ASSEMBLY		3 EA	\$500.00	\$1,500.00
20	SOD	50	SY	\$3.75	\$187.50
21	EROSION AND SEDIMENT CONTROL		1 LS	\$1,500.00	\$1,500.00
22	CONTINGENCY				\$5,736.00
<b>SUBTOTAL SECTION B (LOT 7):</b>					<b>\$63,112.50</b>

ITEM NO.	ITEM	APPROX. QUANT.	UNIT	UNIT PRICE	AMOUNT
<b>SECTION C - LOT 12</b>					
1	REMOVE BITUMINOUS PAVEMENT	520	SY	\$2.25	\$1,170.00
2	REMOVE CONCRETE CURB	148	LF	\$2.50	\$370.00
3	REMOVE CONCRETE SIDEWALK	1,150	SF	\$1.25	\$1,437.50
4	COMMON EXCAVATION	140	CY	\$6.50	\$910.00
5	SALVAGE, STOCKPILE AND PLACE AGGREGATE	100	CY	\$12.00	\$1,200.00
6	AGGREGATE BASE, CL. 5 (100% CRUSHED)	100	CY	\$25.00	\$2,500.00
7	CONCRETE CURB & GUTTER, DES. S418	200	LF	\$11.00	\$2,200.00
8	6" FIBERMESH CONCRETE WALK	1,250	SF	\$4.75	\$5,937.50
9	PED RAMP	1	EA	\$250.00	\$250.00
10	REMOVE, SALVAGE AND REINSTALL SIGN	1	EA	\$100.00	\$100.00
11	3" BITUMINOUS BASE COURSE	500	SY	\$7.50	\$3,750.00
12	2" BITUMINOUS WEAR COURSE	500	SY	\$5.00	\$2,500.00
13	BITUMINOUS TACK COAT	30	GAL	\$2.25	\$67.50
14	4" PARKING LOT STRIPE	550	LF	\$0.50	\$275.00
15	HANDICAP PARKING SYMBOL	1	EA	\$200.00	\$200.00
16	SOD	350	SY	\$3.75	\$1,312.50
17	EROSION AND SEDIMENT CONTROL	1.00	LS	\$1,500.00	\$1,500.00
18	CONTINGENCY				\$2,560.00

**SUBTOTAL SECTION C (LOT 12): \$28,240.00**

**SECTION D - LOT 23**

1	PREPARE EXISTING AGGREGATE BASE	1	LS	\$1,000.00	\$1,000.00
2	AGGREGATE BASE, CL. 5, (100% CRUSHED)	50	CY	\$25.00	\$1,250.00
3	REMOVE AND REPLACE CONCRETE CURB	50	LF	\$15.00	\$750.00
4	2" BITUMINOUS BASE COURSE	14,550	SY	\$5.00	\$72,750.00
5	1.5" BITUMINOUS WEAR COURSE	14,550	SY	\$3.75	\$54,562.50
6	BITUMINOUS TACK COAT	730	GAL	\$2.25	\$1,642.50
7	CLEAN EXISTING CATCH BASINS	6	EA	\$250.00	\$1,500.00
8	4" PARKING LOT STRIPE	9,850	LF	\$0.50	\$4,925.00
9	EROSION AND SEDIMENT CONTROL	1	LS	\$1,500.00	\$1,500.00
10	LIGHTING				\$60,000.00
11	CONTINGENCY				\$13,980.00

**SUBTOTAL SECTION D (LOT 23): \$213,860.00**

ENGINEERING (SURVEY, DESIGN STAKING) \$20,240.00

**TOTAL ESTIMATED PARKING LOT IMPROVEMENTS \$374,897.50**

**Opinion of Probable Cost  
Bolton & Menk, Inc.**