



**BILL OF MATERIALS -  
CHIPPEWA CAMPGROUND**

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	8
TRENCH BACKFILL	CU YD	0.2
TOPSOIL FURNISH AND PLACE, 4"	SO YD	67
GRADING AND SHAPING DITCHES	FOOT	175
AGGREGATE BASE COURSE, TYPE A 6"	SO YD	29
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	183
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	3.4
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	174.9
PAVEMENT REMOVAL	SO YD	27
CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	31
AGGREGATE WEDGE SHOULDER, TYPE B	TON	6.2
PIPE CULVERT REMOVAL	FOOT	3
PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	10
END SECTIONS 15"	EACH	1
SIGN PANEL - TYPE 1	SO FT	50
REMOVE SIGN PANEL - TYPE 1	SO FT	7
WOOD SIGN SUPPORT	FOOT	119
PAINT PAVEMENT MARKING - LINE 4"	FOOT	209
PAINT PAVEMENT MARKING - LINE 24"	FOOT	13
REMOVE AND REINSTALL PARKING BLOCKS	EACH	87
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	9
PRECAST CONCRETE PARKING BLOCK	EACH	10
TUBULAR STEEL GATE	EACH	1
FOLD DOWN BOLLARDS	EACH	2
BOLLARD REMOVAL	EACH	2
AGGREGATE SHOULDERS (SPECIAL)	TON	1,414.6
PIPE CULVERTS TO BE CLEANED 15"	FOOT	46
REMOVE SIGN COMPLETE	EACH	7
LUMINAIRE (SPECIAL)	EACH	7
CONCRETE REMOVAL (SPECIAL)	SO YD	4
BITUMINOUS MATERIALS (PRIME COAT)	POUND	759

**CURVE DATA**  
 EXIST.  $\phi$  CHIPPEWA ENTRANCE  
 CURVE DATA  
 P.I. STA. = 1+44.92  
 $\Delta$  = 15° 52' 54" (LT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 41.85'  
 L = 83.16'  
 E = 2.90'  
 P.C. STA. = 1+03.08  
 P.T. STA. = 1+86.23

**COORDINATE DATA**

P.O.T. STA. 0+00.00  
 N. : 1656461.180  
 E. : 1069429.707

P.C. STA. 1+03.08  
 N. : 1656360.782  
 E. : 1069406.367

P.I. STA. 1+44.92  
 N. : 1656320.023  
 E. : 1069396.891

P.T. STA. 1+86.23  
 N. : 1656278.226  
 E. : 1069398.930

P.O.T. STA. 3+00.00  
 N. : 1656164.592  
 E. : 1069404.476

