

**THOUVENOT,
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MOERCHEN, INC.**
ENGINEERS • SURVEYORS • PLANNERS



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PROFESSIONAL REGISTRATIONS

PROFESSIONAL REGISTRATIONS	LOCAL NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000544

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STATEMENT OF RESPONSIBILITY

I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

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EARTHWORK SCHEDULE

FROM LOCATION STATION	TO LOCATION STATION	EARTH EXCAVATION (CY)	EMBANKMENT (CY)	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CY)	BALANCE WASTE (+) SHORTAGE (-) (CY)
26+90	36+01.75	2275	610	1706	1096
TOTALS		2275	610	1706	1096
TOTAL EARTH EXCAVATION		2275	TOTAL FURNISHED EXCAVATION		0

NOTE: PAVEMENT THICKNESS ASSUMED TO BE 6" (NOT INCLUDED IN EARTHWORK QUANTITIES)

STORM SEWER AND DRAINAGE STRUCTURES

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	STORM SEWERS RUBBER GASKET CLASS A, TYPE 1 - 12" (FOOT)	STORM SEWERS RUBBER GASKET CLASS A, TYPE 1 - 15" (FOOT)	STORM SEWERS RUBBER GASKET CLASS B, TYPE 1 - 15" (FOOT)	MANHOLES TYPE A 4' DIAMETER TYPE 3V FRAME AND GRATE (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE B GRATE (EACH)	INLETS TYPE A TYPE B GRATE (EACH)	INLETS TYPE A TYPE 3V FRAME AND GRATE (EACH)	INLET MODIFICATION (EACH)	TRENCH BACKFILL (CY)
27+06.49 RT	27+21.40 RT		15							2.6
27+21.47 LT	27+21.47 LT						1			4.1
27+21.49 RT	29+06.56 RT		185							35.5
29+06.56 RT	29+06.57 LT	20			1					4.2
29+06.57 LT	30+81.65 RT		175					1		112.5
30+81.65 RT	30+81.65 LT	29			1					4.2
30+81.65 LT	30+81.65 RT			81				1		
30+81.65 RT	30+94.27 RT							1		
30+94.27 RT	30+94.27 LT	29								1.9
30+94.27 LT	34+86.94 LT		175		1					17.1
34+86.94 LT	34+86.94 LT				1					10.4
34+86.94 LT	35+54.54 LT	60							1	
35+54.54 LT	35+54.54 RT								1	
35+54.54 RT									2	
TOTAL		359	375	81	4	1	1	2		192

PAVING AND SIDEWALK SCHEDULE

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	PROCESSING MODIFIED SOILS (SQ YD)	TIME (TON)	AGGREGATE BASE COURSE TYPE B - 4" (SQ YD)	HOT - MIX ASPHALT BINDER COURSE 1L - 19.0, N 70 (TON)	HOT - MIX ASPHALT SURFACE COURSE MIX "C", N 70 (TON)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	PORTLAND CEMENT CONCRETE SIDEWALK - 4" (SQ FT)	COMBINATION CONCRETE CURB & GUTTER TYPE B - 6.18 (FOOT)	AGGREGATE SHOULDERS TYPE B 10" (SQ YD)
26+90.00	27+40.00									23.1
26+90.00	36+01.75	3237.1	62.3						1720.0	
27+40.00	36+01.75				1185.1	278.8	1556.0			
27+40.18 RT	27+62.26 RT			19.5				175.9		
27+62.26 RT	30+18.94 LT			139.6				1256.0		
27+62.26 LT	29+34.13 RT			132.5				1192.7		
27+62.26 RT	29+64.52 RT			9.9				88.3		
29+64.52 RT	32+04.87 RT			193.0				1737.0		
32+04.87 RT	31+82.03 LT			78.2				704.0		
31+82.03 LT	33+20.25 LT			65.9				593.2		
33+20.25 LT	34+81.99 RT			213.5				1921.7		
34+81.99 RT	34+48.30 LT			60.2				541.5		
34+48.30 LT	36+01.95 LT			74.1				665.5		
36+01.95 LT	36+01.72 RT			64.0				575.7		
36+01.72 RT										
TOTAL		9237	62	1050	1185	279	1556	9453	1720	23