

FNU ROUTE	IDOT SECTION	COUNTY
9380	02-00016-01-PV	ST. CLAIR
FEDERAL AID PROJECT		ILLINOIS
IDOT JOB NO.	C-98-318-08	
IDOT CONTRACT NO.	97345	

**THOUVENOT, WADE & MOERCHEN, INC.**  
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



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<b>PROFESSIONAL REGISTRATIONS</b>	<b>LICENSE NO.</b>
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.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000345

SEAL

Signature: \_\_\_\_\_  
Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

**STATEMENT OF RESPONSIBILITY**  
I hereby confirm that the document herein to be authenticated 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.

EARTHWORK SCHEDULE - HMA					
FROM LOCATION (STATION)	TO LOCATION (STATION)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+), SHORTAGE (-) (CU YD)
<b>COUNTY ROAD</b>					
54+50.00 LT & RT (IL 161)522+00	108+74.44 LT & RT (IL 161)527+50	27,030	20,273	20,080	193
		837	628	15	613
		<b>SUB-TOTAL</b>	<b>27,867</b>	<b>20,900</b>	<b>805</b>
		<b>TOTAL</b>	<b>27,867</b>	<b>20,900</b>	<b>805</b>

PAVING SCHEDULE - HMA												
FROM LOCATION (STATION, DIRECTION)		TO LOCATION (STATION, DIRECTION)		HOT-MIX ASPHALT BINDER COURSE, 1-19.0,N 70 (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D",N70 (TON)	PROCESS LIME MODIFIED SOIL 12" (SQ. YD.)	LIME (TON)	HOT-MIX ASPHALT SHOULDER 8" (SQ. YD.)	AGGREGATE SHOULDERS, TYPE B-6" (SQ. YD.)	PAVEMENT REMOVAL (SQ. YD.)	PAVED SHOULDER REMOVAL (SQ. YD.)	BITUMINOUS MATERIALS (PRIME COAT) (TONS)
<b>COUNTY ROAD</b>												
54+22.78	RT	55+02.44	RT	52.3	12.7	140.5	2.7					0.04
54+22.78	LT	54+56.73	LT	21.5	5.2	58.0	1.1					0.01
54+22.78	CL	54+63.06	CL							119.4		
55+02.44	RT	59+53.46	RT	227.8	67.4	755.7	14.6					0.19
54+56.73	LT	59+53.46	LT	306.0	74.2	832.3	16.0					0.21
59+53.46	RT	71+23.50	RT	720.7	174.7	1,690.1	32.6	520.0	520.0			0.49
59+53.46	LT	71+23.50	LT	720.7	174.7	1,690.1	32.6	520.0	498.7			0.49
71+23.50	RT	83+16.31	RT	734.8	178.1	1,722.9	33.2	530.1	581.9			0.50
71+23.50	LT	83+16.31	LT	734.8	178.1	1,722.9	33.2	530.1	418.4			0.50
83+16.31	RT	87+28.62	RT	254.0	61.6	595.6	11.5	183.3	183.3			0.17
83+16.31	LT	87+28.62	LT	254.0	61.6	595.6	11.5	183.3	183.3			0.17
87+28.62	RT	95+68.38	RT	517.3	125.4	1,213.0	23.4	373.2	373.2			0.35
87+28.62	LT	95+68.38	LT	517.3	125.4	1,213.0	23.4	373.2	373.2			0.35
95+68.38	RT	96+90.93	RT	75.5	18.3	177.0	3.4	54.5	54.5			0.05
95+68.38	LT	96+90.93	LT	75.5	18.3	177.0	3.4	54.5	54.5			0.05
96+90.93	RT	103+32.57	RT	395.3	95.8	926.8	17.9	285.2	285.2			0.27
96+90.93	LT	103+32.57	LT	395.3	95.8	926.8	17.9	285.2	285.2			0.27
103+32.57	RT	108+35.28	RT					223.4	223.4			
103+32.57	LT/RT	109+04.39	LT/RT	1,185.1	287.3	2,715.1	52.3					0.80
108+35.28	RT	109+01.39	RT					108.2	8.8			
103+32.57	LT	107+15.43	LT					170.2				
103+32.57	LT	107+90.00	LT						203.3			
107+15.43	LT	109+01.39	LT					98.1				
524+52.82 (IL 161)	RT	527+76.31 (IL 161)	RT								107.8	
		<b>SUB-TOTAL</b>		<b>7,187.7</b>	<b>1,754.6</b>	<b>17,152.3</b>	<b>330.4</b>	<b>4,492.5</b>	<b>3,927.3</b>	<b>119.4</b>	<b>107.8</b>	<b>4.9</b>
		<b>TOTAL</b>		<b>7,188</b>	<b>1,755</b>	<b>17,152</b>	<b>330</b>	<b>4,493</b>	<b>3,927</b>	<b>119</b>	<b>108</b>	<b>5</b>

**DRAINAGE PIPE SCHEDULE**  
**COUNTY ROAD RECONSTRUCTION - PHASE II**  
**CITY OF MASCOUTAH**  
**ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
△		
△		
△		

<b>DRAWN BY:</b> NSA	<b>SHEET</b>
<b>DESIGNED BY:</b> NAG	<b>13</b>
<b>CHECKED BY:</b> SJK	<b>OF 113 SHEETS</b>
<b>APPROVED BY:</b> _____	<b>PROJECT DESCRIPTION</b>
<b>PROJECT NUMBER:</b> 20-010154	COUNTY ROAD REALIGNMENT
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING