

SECTION	CONTRACT NO. 97500	COUNTY
FE-0000(15B)		ST. CLAIR
FEDERAL AID PROJECT		ILLINOIS

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS SURVEYORS PLANNERS



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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	154-001220
PROFESSIONAL ENGINEERING CORP.	02-050370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	040-000028
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

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 used for any other part of the architectural, engineering or survey project.

TITLE: GENERAL NOTES AND SUMMARY OF QUANTITIES

PROJECT: RICHLAND CREEK BIKE TRAIL PHASE 2B VILLAGE OF SWANSEA ST. CLAIR COUNTY, ILLINOIS

REV	DATE	DESCRIPTION
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DRAWN BY: JVV	SHEET
DESIGNED BY: JVV	2
CHECKED BY: MJK	OF 46 SHEETS
APPROVED BY: JVV	PROJECT DESCRIPTION
PROJECT NUMBER: 119100072A	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR BIDDING <input type="checkbox"/> ISSUED FOR CONSTRUCTION RECORD DRAWING	

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY	ELECTRICAL QUANTITY
20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	34	34	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	86	86	0
20100500	TREE REMOVAL, ACRES	ACRE	0.22	0.22	0
20200100	EARTH EXCAVATION	CU YD	385	385	0
20400800	FURNISHED EXCAVATION	CU YD	2,298	2,298	0
20800150	TRENCH BACKFILL	CU YD	26	26	0
25000100	SEEDING, CLASS 1	ACRE	0.83	0.83	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	75	75	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	75	75	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	75	75	0
25100115	MULCH, METHOD 2	ACRE	0.83	0.83	0
25100630	EROSION CONTROL BLANKET	SQ YD	792	792	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	83	83	0
28000400	PERIMETER EROSION BARRIER	FOOT	1,840	1,840	0
28000500	INLET AND PIPE PROTECTION	EACH	5	5	0
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	13	13	0
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	225	225	0
28200200	FILTER FABRIC	SQ YD	238	238	0
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	225	225	0
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	2,023	2,023	0
40200500	AGGREGATE SURFACE COURSE, TYPE A, 6"	SQ YD	97	97	0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	57	57	0
40600100	BITUMINOUS MATERIALS PRIME COAT	GALLON	836	836	0
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	175	175	0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	23	23	0
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	115	115	0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2,282	2,282	0
42400800	DETECTABLE WARNINGS	SQ FT	157	157	0
44000100	PAVEMENT REMOVAL	SQ YD	40	40	0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	60	60	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	154	154	0
44000600	SIDEWALK REMOVAL	SQ FT	131	131	0
542D0217	PIPE CULVERT, CLASS D, TYPE 1 12"	FOOT	29	29	0
54213447	END SECTIONS, 12"	EACH	2	2	0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1	0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	44	44	0
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	194	194	0
55100500	STORM SEWER REMOVAL 12"	FOOT	35	35	0
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0
60238800	INLET TYPE A	EACH	1	1	0
60500060	REMOVING INLETS	EACH	1	1	0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	120	120	0
60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18	FOOT	34	34	0
67100100	MOBILIZATION	L SUM	1	1	0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701802	L SUM	1	1	0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	176	176	0
* 73000100	WOOD SIGN SUPPORT	FOOT	461.5	461.5	0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	917	917	0
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	368	368	0
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	200	0	200
* 81028200	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	12	0	12
* 81028320	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	36	0	36
* 81028340	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	12	0	12
* 81028360	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	15	0	15
* 81028370	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	15	0	15
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	236	0	236
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	250	0	250
* 87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	3	0	3
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9	0	9
* 87900200	DRILL EXISTING HANDHOLE	EACH	2	0	2
* 88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	3	0	3
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	3	0	3
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1	0	1
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	321	0	321
* Z0000402	BOLLARDS	EACH	16	0	16
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ. FT.	609	609	0
Z0077900	WOOD POST AND RAIL FENCE	FOOT	136	136	0
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ. FT.	1,080	1,080	0
X0350805	FOLD DOWN BOLLARDS	EACH	8	8	0
X0358300	REMOVE AND RELAY PRECAST FLARED END SECTION	EACH	1	1	0
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1	0
* X640298	CHAIN LINK FENCE (SPECIAL)	FOOT	89	89	0
* X640300	CHAIN LINK FENCE REMOVAL	FOOT	14	14	0

* SPECIALTY ITEM
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GENERAL NOTES

- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL TRAFFIC CONTROL INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED IN ACCORDANCE WITH SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.
- THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS. THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.
- THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES AT THIS LOCATION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN PER PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS DIRECTED BY THE ENGINEER SHALL BE SEEDED. THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

0.83	ACRES	SEEDING CL 1
0.83	ACRES	MULCH METHOD 2
75	POUNDS	NITROGEN FERTILIZER NUTRIENT
75	POUNDS	PHOSPHORUS FERTILIZER NUTRIENT
75	POUNDS	POTASSIUM FERTILIZER NUTRIENT

NUTRIENTS SHALL BE APPLIED AT 90 POUNDS PER ACRE.
- SEEDING DATES:
FALL: AUG. 1 - NOV. 15
SPRING: MARCH 1 - JUNE 1
NO SEEDING SHALL BE DONE BETWEEN
JUNE 2 - JULY 31
NOV. 16 - FEB. 28
- ALL SIGNS SHALL BE A MINIMUM OF 4' OR A MAXIMUM OF 5' FROM THE BOTTOM OF THE SIGN TO THE NEAREST EDGE OF PAVEMENT.
- THOUVENOT WADE & MOERCHEN, INC. WILL PROVIDE ALL REFERENCE POINTS OR BENCHMARKS FOR THE CONTRACTOR TO CONSTRUCT THE IMPROVEMENTS AS PROPOSED HEREIN.

COMMITMENTS

NO COMMITMENTS

SANITARY SEWER VILLAGE OF SWANSEA (618) 234-0044	WATER ILLINOIS AMERICAN WATER COMPANY (618) 239-3258	TELEPHONE AT&T (618) 346-7292
ELECTRIC/GAS AMEREN IP (618) 236-4362	CABLE TELEVISION CHARTER COMMUNICATIONS (618) 236-9619	

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123