


ROUTE	SECTION	COUNTY
	1E-0000(130)	ST. CLAIR
CONTRACT NO. 97500		ILLINOIS
FEDERAL AID PROJECT		

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS • SURVEYORS • PLANNERS



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STANDARDS















- 701602
- 701701
- 720001
- 878001
- 880006
- 873001

ELECTRICAL GENERAL NOTES

1. ALL PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" L.E.D. SECTIONS. ALL MOUNTING HARDWARE, SIGNAL POSTS, AND BASES SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
2. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED.
3. ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATION. AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING: MEMBER OF J.U.L.I.E. PHONE (800) 892-0123 ARE INDICATED BY * (CALL ONE WEEK BEFORE YOU PLAN TO DIG).
 - AMEREN IP (GAS & ELECTRIC)
 - VILLAGE OF SWANSEA (SAN. SEWER)
 - CHARTER COMMUNICATIONS (CABLE)
 - AT&T (TELEPHONE)
 - ILLINOIS AMERICAN (WATER)
4. A 1/4" NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL SIGNAL CONDUITS, THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEM.

SCHEDULE		
ITEM	UNIT	TOTAL QUANTITIES
TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
SIGN PANEL - TYPE 1	SQ FT	2.25
LOCATING UNDERGROUND CABLE	FOOT	200
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	12
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	36
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	12
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	15
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	15
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	236
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	250
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	9
DRILL EXISTING HANDHOLE	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	321
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	3
PEDESTRIAN PUSH-BUTTON	EACH	3

TRAFFIC SIGNALS LEGEND

- RREC REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
-  EXISTING SIGNAL POST
-  EXISTING TRAFFIC SIGNAL MAST ARM
-  EXISTING HANDHOLE
-  EXISTING DOUBLE HANDHOLE
-  EXISTING DETECTOR LOOP
-  EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
-  EXISTING (E.V.P.S.) CONFIRMATION BEACON
-  EXISTING CONTROLLER AND SERVICE INSTALLATION
-  EXISTING STREET NAME SIGN/TRAFFIC SIGN
-  EXISTING CONDUIT
-  PROPOSED CONDUIT: "T" TRENCH, SIZE SPECIFIED
-  PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
-  PROPOSED SIGNAL HEAD, PEDESTRIAN
-  PROPOSED SIGNAL POST

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000028
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000348

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

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: JJV	SHEET
DESIGNED BY: JJV	18
CHECKED BY: MJK	OF 46 SHEETS
APPROVED BY: JJV	PROJECT DESCRIPTION
PROJECT NUMBER: M19100072A	
<input type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR BIDDING <input type="checkbox"/> ISSUED FOR CONSTR. <input type="checkbox"/> RECORD DRAWING	