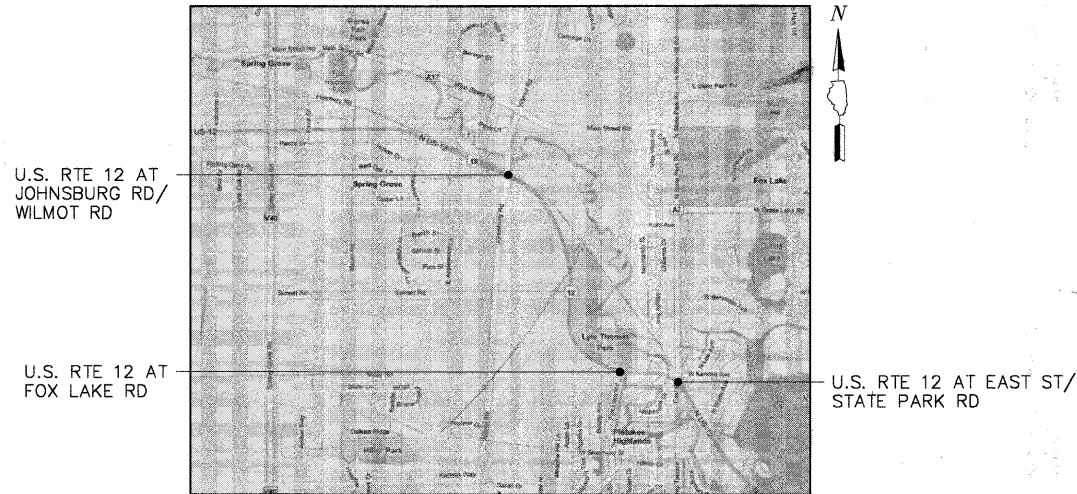


- INDEX OF SHEETS**
- TITLE SHEET
  - SUMMARY OF QUANTITIES
  - DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS - 1 OF 6
  - DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS - 2 OF 6
  - DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS - 3 OF 6
  - DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS - 4 OF 6
  - DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS - 5 OF 6
  - DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS - 6 OF 6
  - 9.-10. TRAFFIC SIGNAL MODERNIZATION PLAN - U.S. ROUTE 12 AT WILMOT ROAD/JOHNSBURG ROAD
  11. SCHEDULE OF QUANTITIES AND CABLE PLAN - U.S. ROUTE 12 AT WILMOT ROAD/JOHNSBURG ROAD
  12. SEQUENCE OF OPERATION AND RAILROAD SEQUENCE OF OPERATION - U.S. ROUTE 12 AT WILMOT ROAD/JOHNSBURG ROAD
  13. TRAFFIC SIGNAL MODERNIZATION PLAN - U.S. ROUTE 12 AT FOX LAKE ROAD
  14. SCHEDULE OF QUANTITIES, SEQUENCE OF OPERATION, AND CABLE PLAN - U.S. ROUTE 12 AT FOXLAKE ROAD
  15. TRAFFIC SIGNAL MODERNIZATION PLAN - U.S. ROUTE 12 AT STATE PARK ROAD/EAST STREET
  16. SCHEDULE OF QUANTITIES AND CABLE PLAN - U.S. ROUTE 12 AT STATE PARK ROAD/EAST STREET
  17. SEQUENCE OF OPERATION AND RAILROAD SEQUENCE OF OPERATION - U.S. ROUTE 12 AT STATE PARK ROAD/EAST STREET
  18. INTERCONNECT PLAN - U.S. ROUTE 12 BETWEEN FOX LAKE ROAD AND STATE PARK ROAD/ EAST STREET
  19. INTERCONNECT SCHEMATIC - U.S. ROUTE 12 BETWEEN FOX LAKE ROAD AND STATE PARK ROAD/ EAST STREET
  20. DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS
  21. DISTRICT ONE DETAILS

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PLANS FOR PROPOSED**  
**FEDERAL AID HIGHWAY**  
**DISTRICT 1**  
**HIGHWAY SAFETY IMPROVEMENT PROJECT**  
**TRAFFIC SIGNAL MODERNIZATION**  
**F.A.P. 334/U.S. RTE 12 FROM WILMOT/JOHNSBURG ROAD**  
**TO STATE PARK ROAD/EAST STREET**  
**VILLAGES OF FOX LAKE & SPRING GROVE, ILLINOIS**  
**LAKE AND McHENRY COUNTIES**  
**SECTION: 2009-128-TS**  
**JOB NO. C-91-283-10**  
**PROJECT: ACHSIP-0334(019)**



LOCATION MAP  
(NOT TO SCALE)



**CONTRACT NO. 60J88**

**JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS**  
 Call 48 hours before you dig  
 (Excluding Sat., Sun., & Holidays)  
 1-800-892-0123

**EXISTING UTILITIES:** WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES, DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

CONTRACTOR IS RESPONSIBLE FOR CONTACTING J.U.L.I.E. AT 1-800-892-0123 AND MUST ACQUIRE A DIG NUMBER A MINIMUM OF 72 HOURS PRIOR TO ANY WORK BEING DONE.

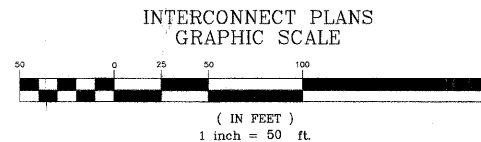
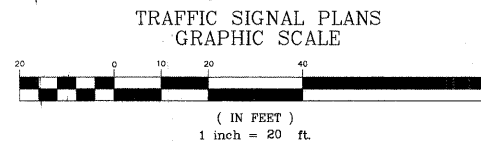
**IDOT STANDARDS:**

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS
- 001006 DECIMAL OF AN INCH OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, >15' AWAY
- 701006-03 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-02 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
- 701606-06 URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
- 701701-06 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAIL
- 720006-02 SIGN PANEL ERECTION DETAIL
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 814001-02 HANDHOLE
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 857006-01 SUPERVISED RAILROAD INTERCONNECT CIRCUIT
- 862001-01 UNINTERRUPTIBLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING
- 877001-04 STEEL MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS

*CON'T.*

701501 - 05  
877011 - 04

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE BELOW SCALES MAY BE USED.



SIGNED:   
DANIEL P. BRINKMAN  
DATE: 1-27-10

**GHA GEWALT HAMILTON ASSOCIATES, INC.**  
850 Forest Edge Drive • Vernon Hills, IL 60061  
Consulting Engineers & Surveyors  
847-478-9700  
FAX: 847-478-9701

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED:   
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

SCOTT E. STETT, P.E.  
REGIONAL ENGINEER OF DESIGN AND ENVIRONMENT

CHRISTINE M. REED, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

GHA #4085.859

**PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS**

FILE NAME = 4085.859-TR1.dwg	USER NAME = GHA	DESIGNED - JRD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TITLE SHEET</b>	FAP RTE. 334	SECTION 2009-128-TS	COUNTY LAKE/McHENRY	TOTAL SHEETS 21	SHEET NO. 1
PLOT SCALE = 1" = .0833'				SCALE: N.A. SHEET NO. OF SHEETS STA. TO STA.		CONTRACT # 60J88 ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/27/10				DATE = 1/27/10						