

60A46

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	2005-057TS	LAKE	20	1
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		
D-91-057-06				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	SUMMARY OF QUANTITIES IL ROUTE 83 FROM WASHINGTON STREET TO SHOREWOOD ROAD
3, 4, 5 & 6.	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
7.	TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL ROUTE 83 AT WASHINGTON STREET
8.	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES IL ROUTE 83 AT WASHINGTON STREET
9.	TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL ROUTE 83 AT LAKE STREET
10.	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES IL ROUTE 83 AT LAKE STREET
11.	TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN IL ROUTE 83 AT SHOREWOOD ROAD
12.	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES IL ROUTE 83 AT SHOREWOOD ROAD
13, 14, & 15.	INTERCONNECT PLAN IL ROUTE 83 FROM WASHINGTON STREET TO SHOREWOOD ROAD
16, 17, & 18.	EXISTING INTERCONNECT PLAN IL ROUTE 83 FROM CENTER STREET TO WASHINGTON STREET (FOR INFORMATION ONLY)
19.	EXISTING INTERCONNECT PLAN IL ROUTE 83 FROM SHOREWOOD ROAD TO BRIGHTON LANE (FOR INFORMATION ONLY)
20.	INTERCONNECT SCHEMATIC IL ROUTE 83 FROM CENTER STREET TO BRIGHTON LANE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

SCALES { PLAN 1"= 20' AND 1"= 50'
 PROFILE HORIZ. N.A.
 PROFILE VERT. N.A.
 CROSS SECTION N.A.

DISTRICT 1
CONGESTION MITIGATION AIR QUALITY
FIBER OPTIC COMMUNICATIONS NETWORK
ILLINOIS ROUTE 83 FROM
SHOREWOOD ROAD TO WASHINGTON STREET

F.A.P. ROUTE 866
SECTION 2005-057TS
C-91-057-06
LAKE COUNTY



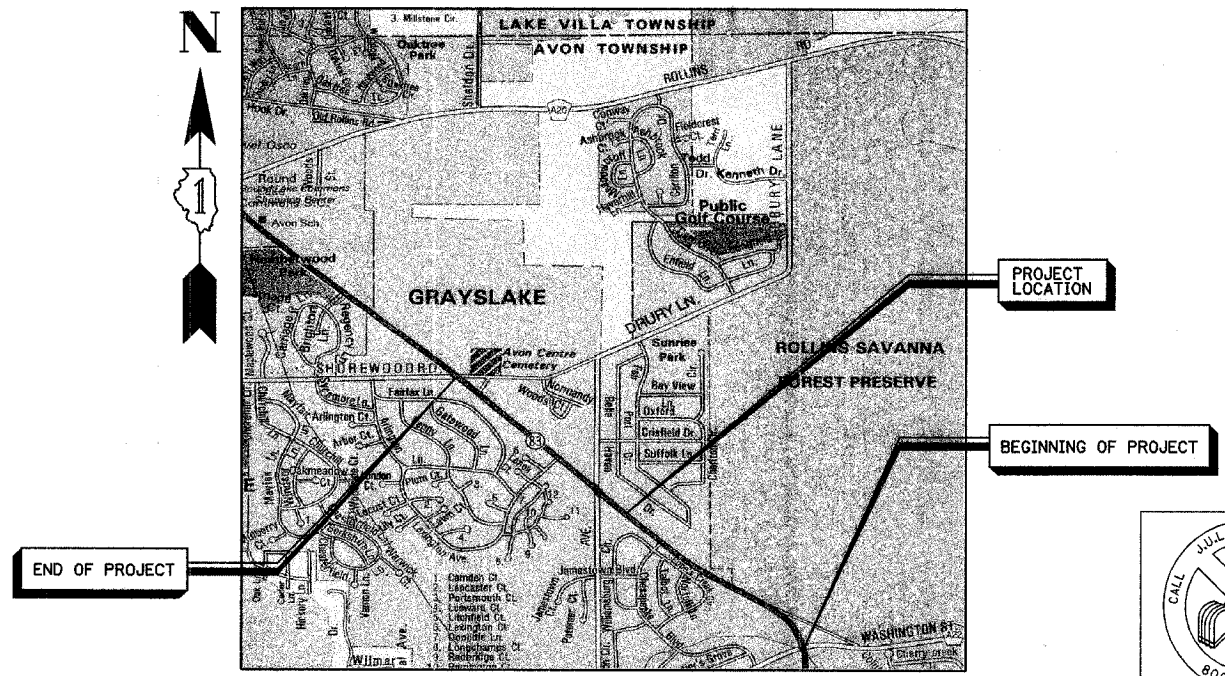
STANDARD DRAWINGS

701006-02	701011-01	701101-01	701301-02	702001-06
424001-04	720001	813001-01	814001-01	814006
857001	877001-02	877006-02	877011-02	878001-05
880001	880006	886001	805001	
701201-02	701316-03	701321-08	701406-04	701501-03
701502-01	701606-04	701601-04	701701-04	701801-03

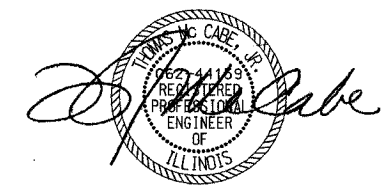
NOTE: STANDARD DRAWINGS REQUIRED (CIRCLED).

CONTRACT NO. 60A46

PREPARED BY: Steve Travia
TRAFFIC ENGINEER
DATE: Jan 18, 2007



AVON TOWNSHIP

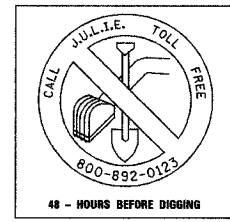


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: Jan 17, 2007
Steve Travia
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 23, 2007
Eric E. Haral
 ENGINEER OF DESIGN AND ENVIRONMENT

March 23, 2007
Milton R. See, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



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Rev. 4-18-07

BUREAU OF TRAFFIC: STEVE TRAVIA / DARYLE DREW

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	2005-057TS	LAKE	20	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60A46				

100% STATE

PERCENTAGES							
LOCATION OF WORK				IL ROUTE 83 AT WASHINGTON STREET	IL ROUTE 83 AT LAKE STREET	IL ROUTE 83 AT SHOREWOOD ROAD	INTERCONNECT
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODE NO.	ITEM	UNIT	TOTAL	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	0.5	1	0.5	2
67100100	MOBILIZATION	L.SUM	1	0.25	0.25	0.25	0.25
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L.SUM	1	0.25	0.25	0.25	0.25
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L.SUM	1	0.25	0.25	0.25	0.25
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L.SUM	1	0.25	0.25	0.25	0.25
X0140074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	5		5		
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	5346				5346
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	416				416
81400100	HANDHOLE	EACH	1				1
81400200	HEAVY-DUTY HANDHOLE	EACH	7				7
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	5346				5346
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	1	1	1	
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1		
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	45		45		
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7147				7147
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM 12F SM12F	FOOT	7147				7147
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	976		976		
87900200	DRILL EXISTING HANDHOLE	EACH	4				4
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8		8		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4		4		
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4		4		
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION BRACKET MOUNTED	EACH	4		4		
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2		2		
88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1		1		
X8050015	SERVICE INSTALLATION, POLE MOUNTED	EACH	1		1		
X0325715	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL II	EACH	3				3

Rev. 4-18-07

SETON ENGINEERING
SERVICE CORPORATION
CIVIL ENGINEERS

19 S. BOTHWELL STREET
PALATINE, ILLINOIS 60067
VOICE: 847-776-7200 FAX: 847-776-7239

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

IL ROUTE 83 FROM
WASHINGTON STREET TO
SHOREWOOD ROAD
GRAYSLAKE, ILLINOIS

SCALE: N.T.S.
DATE 5-26-06

DRAWN BY CWC
DESIGNED BY VO
CHECKED BY TJM