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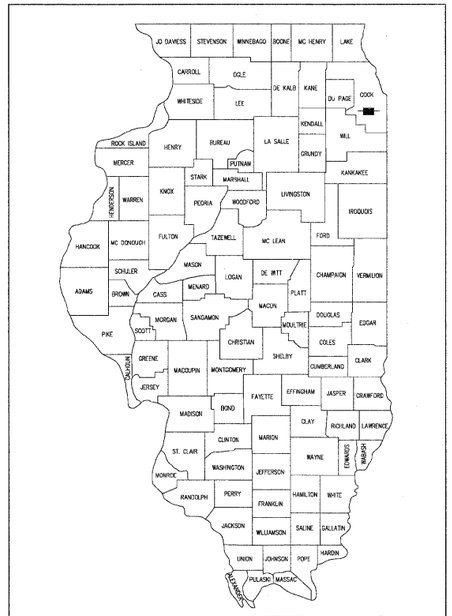
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 1548 (79TH ST) AT FAU 2731 (88TH AVE - CORK AVE)
TRAFFIC SIGNAL MODERNIZATION PLANS
SECTION NO. 10-00038-00-TL
PROJECT NO. ARA-9003(672)
COOK COUNTY
C-91-681-10



LOCATION OF SECTION INDICATED THUS:

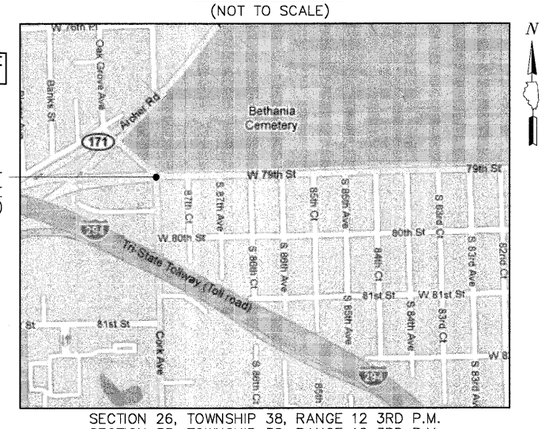
IDOT STANDARDS:

000001-05	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
701006-03	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS MULTILANE 15' TO 24" FROM PAVEMENT EDGE
701301-03	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701701-06	URBAN LANE CLOSURE MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

LOCATION MAP
(NOT TO SCALE)

PROJECT IS LOCATED IN THE VILLAGE OF JUSTICE, IL

79TH ST AT 88TH AVE (CORK AVE)



SECTION 26, TOWNSHIP 38, RANGE 12 3RD P.M.
SECTION 35, TOWNSHIP 38, RANGE 12 3RD P.M.

LYONS TOWNSHIP
NET AND GROSS LENGTH = 235 FEET (0.0445 MILES)

TRAFFIC SIGNAL MODIFICATION PLAN

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

TRAFFIC DATA:

POSTED SPEED	= 45 MPH (79TH ST), 35 MPH (88TH AVE)
DESIGN SPEED	= 50 MPH (79TH ST), 40 MPH (88TH AVE)
ADT	= 32,500 (79TH STREET), 13,300 (88TH AVE)
FUNCTIONAL CLASSIFICATION	= 79TH STREET (MINOR ARTERIAL) 88TH AVENUE (COLLECTOR-URBAN)

DANIEL P. BRINKMAN 062-055293 EXPIRES 11-30-2011 ILLINOIS

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

APPROVED: 7/9 20 10
VILLAGE OF JUSTICE, PRESIDENT

PASSED: July 13 20 10
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW: JULY 13, 20 10
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

CONTRACT NO: 63501

J.U.L.I.E
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811
811 Know what's below. Call before you dig.

NOTE: SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR

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PROGRAM AND FIELD OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4406

FILE NAME = 4270.800-TR1.dwg	USER NAME = GHA	DESIGNED - JRD	REVISED -
		DRAWN - ZCW	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -
	PLOT DATE = 4/29/10	DATE - 4/29/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COVER SHEET

SCALE: N.A. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1547,2757	10-00038-00-TL	COOK	11	1
		CONTRACT #: 63501		
		ILLINOIS FED. AID PROJECT		