

Item #3:

**Res. Authorizing Agreement With IDOT Re: LED Lighting
(IL 53 & Robert Parker Coffin Road Intersection Flasher)**

**VILLAGE OF LONG GROVE
RESOLUTION NO. 2015-R-__**

**RESOLUTION AUTHORIZING AN AGREEMENT WITH THE STATE OF ILLINOIS FOR
THE UPGRADE OF TRAFFIC SIGNALS TO LED**

WHEREAS, in 2012 the Village of Long Grove approved Resolution 2012-R-25 A Resolution Authorizing An Agreement With The State Of Illinois For The Upgrade Of Traffic Signals (Stop Lights) to LED for the State of Illinois (State) to upgrade the traffic signals on the state highways with Light-Emitting-Diode (LED) modules, Uninterruptible Power Supply (UPS) and Countdown Pedestrian Signals (CD Ped) at the intersections of IL 22 at Old McHenry Rd; IL 53 at Long Grove Rd; IL 53 at Old McHenry Rd; IL 53 at IL 83; IL 83 at Aptakisic Rd; IL 83 at Gilmer Rd/ Oakwood Rd., and IL 83 at Hilltop Rd., (known as STATE Section 2012-039TS and Contract No. 60T84-Job No. D-91-486-12). This LED upgrade project will require cost participation similar to the federal Highway Safety Improvement Program (HSIP). State funds will be used for 90% of the traffic signal upgrade costs with the remaining 10% split based on the proportionate share of approach leg jurisdiction.

WHEREAS, the State of Illinois (State) is proposing to expand this upgrade to traffic signals, beyond stop lights, on the state highways with Light-Emitting-Diode (LED) modules and Uninterruptible Power Supply (UPS) at the intersection of IL 53 at Robert Parker Coffin Rd, (to be known as STATE Section 2014-090TS and Contract No. 62A42-Job No. D-91-179-15). Robert Parker Coffin Road T-Intersection Sign with flasher. This LED upgrade project will require cost participation similar to the federal Highway Safety Improvement Program (HSIP). State funds will be used for 90% of the traffic signal upgrade costs with the remaining 10% split based on the proportionate share of approach leg jurisdiction.

WHEREAS, the Village of Long Grove (Village) is desirous of said improvement in that same will be of immediate benefit to the Village, and permanent in nature; and,

WHEREAS, the Village shares jurisdiction of the intersection of IL 53 at Robert Parker Coffin Road with the State and the intersection lies within the corporate limits of the Village.

WHEREAS, the President and Board of Trustees, being fully advised in the premises, have determined that it is in the best interests of the Village and its residents to approve the Agreement with the State of Illinois;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LONG GROVE, LAKE COUNTY, ILLINOIS, AS FOLLOWS:

Section 1: Recitals. The foregoing recitals are hereby incorporated herein as findings of the Village Board of Trustees.

Section 2: Specifications. The State agrees to prepare plans and specifications, receive bids, award the contract, furnish engineering inspection during construction, and cause the improvement to be built in accordance with the plans, specifications, and contract. The State also agrees to pay all construction and engineering costs subject to reimbursement by the Village as hereinafter stipulated.

Section 3: Costs. It is agreed that the proportional participation for the construction costs and engineering costs of this improvement shall be as follows:

	Improvement Cost	State Cost	Long Grove Cost
IL 53 at Robert Parker Coffin Rd	\$2,000.00 (Signal upgrades)	\$1,934.00 (90% +6.7%)	\$66.00 (3.3%)
Engineering (15%)		\$290.10	\$9.90
TOTAL		\$2,224.10	\$75.90

Section 4: Reimbursement Of Proportionate Costs. The Village agrees that the Village will reimburse the State in an amount equal to the VILLAGE'S share of the actual cost as determined in accordance with Section 3.

Section 5: Agreement. The Village Board of Trustees authorizes the Village President and Village Clerk to sign the Agreement proposed by the State (Exhibit A).

Section 6: **Effective Date.** This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED this 26th day of May, 2015.

AYES: Trustees

NAYS:

ABSENT:

APPROVED this 26th day of May, 2015.

Angela Underwood, Village President

ATTEST:

Heidi Locker-Scheer, Village Clerk

EXHIBIT A
Agreement

AGREEMENT

THIS AGREEMENT entered into this _____ day of _____ A.D., by and between the STATE OF ILLINOIS, acting by and through its Department of Transportation, hereinafter called the STATE, and the Village of Long Grove, County of Lake, of the State of Illinois, hereinafter called the VILLAGE.

WITNESSETH

WHEREAS, the STATE is proposing to upgrade the traffic signals on the state highways with Light-Emitting-Diode (LED) modules, Uninterruptible Power Supply (UPS) and Countdown Pedestrian Signals (CD Ped) at the intersection of IL 53 at Robert Parker Coffin Rd (to be known as STATE Section 2014-090TS and Contract No. 62A42 Job No. C-91-179-15. This LED upgrade project will require cost participation similar to the federal Highway Safety Improvement Program (HSIP). State funds will be used for 90% of the traffic signal upgrade costs with the remaining 10% split based on the proportionate share of approach leg jurisdiction.

WHEREAS, the VILLAGE is desirous of said improvement in that same will be of immediate benefit to the VILLAGE, and permanent in nature; and,

WHEREAS, the VILLAGE shares jurisdiction of the following intersection with the STATE at IL 53 at Robert Parker Coffin Rd

NOW THEREFORE, in consideration of the mutual covenants contained herein, the parties hereto agree as follows:

1. The STATE agrees to prepare plans and specifications, receive bids, award the contract, furnish engineering inspection during construction, and cause the improvement to be built in accordance with the plans, specifications, and contract. The STATE also agrees to pay all construction and engineering costs subject to reimbursement by the VILLAGE as hereinafter stipulated.
2. The VILLAGE agrees to approve the plans and specifications by letter or resolution prior to the STATE advertising for the work to be performed hereunder.
3. It is mutually agreed that the proportional participation for the estimated construction costs and engineering costs of this improvement shall be as follows:

	Improvement Cost	State Cost	Long Grove Cost
IL 53 at Robert Parker Coffin Rd	\$2,000.00 (Signal upgrades)	\$1,934.00 (90% +6.7%)	\$66.00 (3.3%)
Engineering (15%)		\$290.10	\$9.90
TOTAL		\$2,224.10	\$75.90

4. It is mutually agreed that the VILLAGE will reimburse the STATE in an amount equal to the VILLAGE'S share of the actual cost as determined in accordance with Item #3 above. It is mutually agreed that upon award of the contract for this improvement, the VILLAGE will pay to the Department of Transportation of the State of Illinois, in a lump sum from any funds allotted to the VILLAGE, an amount equal to 80% of its obligation incurred under this Agreement, and will pay to the said Department the remainder of its obligation (including any non-participating costs for FA projects) in a lump sum, upon completion of the project based upon final costs.

5. Upon acceptance by the Department of Transportation of the traffic signal improvement included herein, the financial responsibility for maintenance and electrical energy for the operation of the traffic signals shall remain as outlined in the current agreement between the Village of Long Grove and the Department of Transportation.
6. The agency performing actual traffic signal maintenance will remain as listed in the Exhibit A of the current agreement.
7. Payment by the STATE of any or all of its share of maintenance and energy costs is contingent upon the STATE receiving adequate funds in its annual appropriation.
8. The STATE retains the right to control the sequence of timing on the traffic signals.
9. This agreement shall be binding upon and inure to the benefit of the parties hereto, their successors and assigns.

Remainder of Page is Intentionally Blank

VILLAGE OF LONG GROVE

By: _____
Village President

Date: _____

ATTEST:

CLERK

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: _____
(Signature)

By: John Fortmann, P.E.
Title: Deputy Director of Highways,
Region One Engineer

Date: _____

PLAN APPROVAL

WHEREAS, in order to facilitate the improvement at the intersection of IL 53 at Robert Parker Coffin Rd, Village of Long Grove hereby approves to that portion of the plans and specifications relative to the Village's financial and maintenance obligations described herein prior to the STATE'S advertising for the proposed traffic signal improvements at said intersection above.

APPROVED:

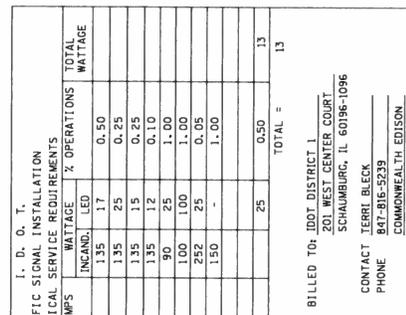
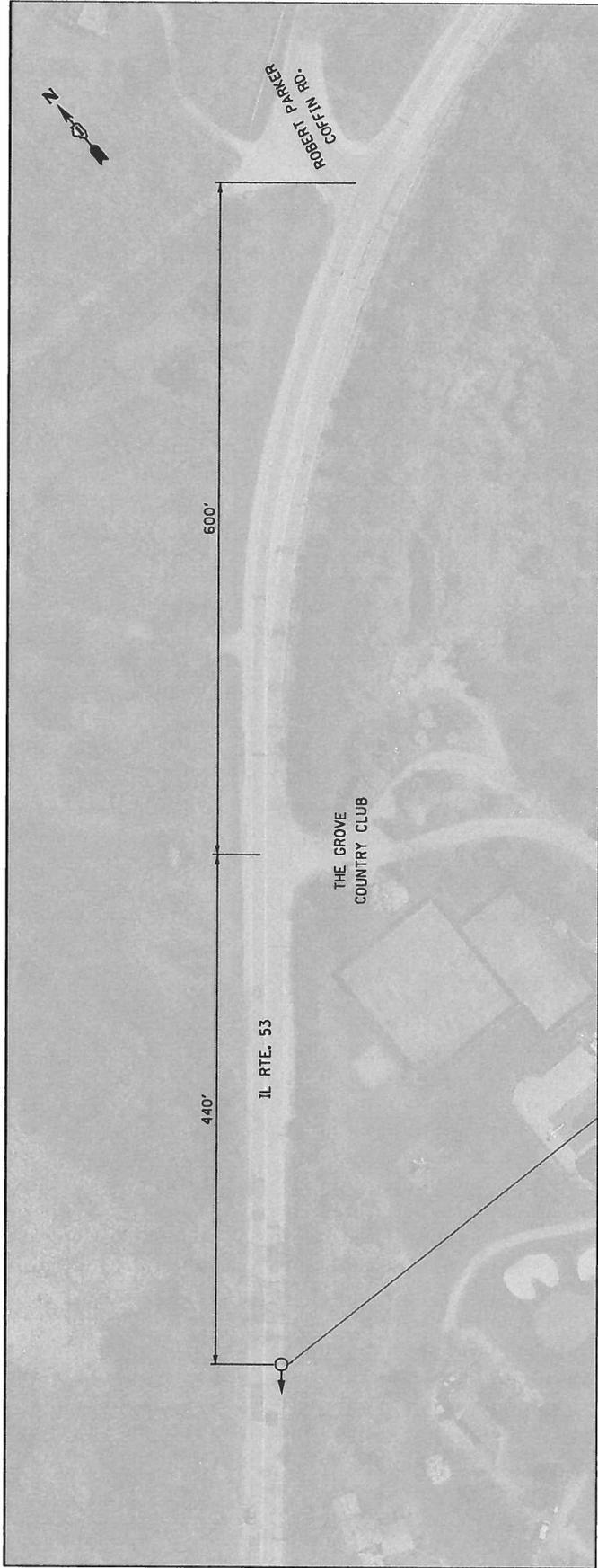
By: _____
VILLAGE ENGINEER

Date: _____

ATTEST:

Clerk

SEAL



I. D. O. T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	INCAND.	LED	WATTAGE	% OPERATIONS	TOTAL WATTAGE
SIGNAL (RED)		135	17		0.50	
(YELLOW)		135	25		0.25	
(GREEN)		135	15		0.25	
ARROW		90	25		1.00	
PED. SIGNAL		100	100		1.00	
CONTROLLER		252	25		0.05	
ILLUM. SIGN		150	-		1.00	
VIDEO SYSTEM						
FLASHER LED	1		25		0.50	13
TOTAL =						13

ENERGY COSTS-
BILLED TO: IDOT DISTRICT I
201 WEST CENTER COURT
SCHALMBURG, IL 60196-1096

ENERGY SUPPLY -
CONTACT TERRI BLECK
PHONE 815-815-5239
COMMONWEALTH EDISON

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RECORDS OF THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.
1 EACH SIGNAL HEAD, 1 - SECTION

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE EXISTING FLASHING BEACON BRACKET MOUNTED

TS #FL 701
LONG GROVE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 53 AT ROBERT PARKER COFFIN ROAD FLASHING BEACON	SECTION 204-0915	F.A.L. RTE.	COUNTY MCHEMERY	TOTAL SHEETS 76	SHEET NO. 59
SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS	CONTRACT NO. 02A42		
DESIGNED - _____	DW - _____	CHECKED - _____	DATE - _____	DESIGNED - _____	DW - _____	CHECKED - _____
PILOT SCALE = 1/8" = 30'	PILOT DATE = 2/27/05	PILOT SCALE = 1/8" = 30'	PILOT DATE = 2/27/05	PILOT SCALE = 1/8" = 30'	PILOT DATE = 2/27/05	PILOT SCALE = 1/8" = 30'