

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda

    X     Resolution or Ordinance (Blue)      \_\_\_\_\_ Waiver of First Requested  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Other Business (Pink)

**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** David A. Hulseberg, AICP, ICMA-CM, Village Manager

**DATE:** January 8, 2013      (COW) (B of T)      **Date:** January 17, 2013

**TITLE:** IDOT Agreement for Traffic Signal Improvements;  
LED and Battery Back-up Equipment

**SUBMITTED BY:** David A. Dratnol, P.E., Village Engineer *Drat*

**BACKGROUND/POLICY IMPLICATIONS:**

Authorization to enter into an Agreement with the Illinois Department of Transportation to share the cost of traffic signal improvements at ten (10) various intersections within the Village of Lombard by paying for each approach leg's share of ten (10) percent of the signal upgrades and associated engineering.

**FISCAL IMPACT/FUNDING SOURCE:**

Agreement Expenditure: \$10,486.85  
CIP Funds: \$10,500.00  
Account Number: 410.710.725  
PW Project Number: ST-13-06

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X _____	Date _____
Village Manager X _____	Date _____

**NOTE:** All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.

## InterOffice Memo

**To:** David A. Hulseberg, AICP, ICMA-CM, Village Manager  
**Through:** Carl Goldsmith, Director of Public Works *cy*  
**From:** David A. Dratnol, P.E., Village Engineer *DAD*  
**Date:** January 8, 2013  
**Subject:** IDOT Agreement for Traffic Signal Improvements;  
LED and Battery Backup Systems

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Attached please find a resolution and an Agreement with the Illinois Department of Transportation (IDOT) for sharing the cost of Traffic Signal Improvements. Specific improvements include upgrading incandescent traffic signal optics to Light Emitting Diode (LED) modules and battery back-up systems for ten (10) intersections located within the Village of Lombard. IDOT proposes to pay for the first 90% of the design, material, and installation costs, with the remaining 10% of these costs being paid by each approaching leg's jurisdiction.

This Agreement provides for the Village to fund an estimated \$10,486.85 for the subject project equipment and services. The Village will utilize residual funds from Public Works Capital Improvement Programs. IDOT and other funding sources will pay for all other project costs and services. The Village currently shares the cost of maintenance with IDOT for three (3) of the intersections included in this project. At an estimated energy/maintenance cost saving rate of 60%, the Village will realize savings equal to the expected cost of this project in less than four (4) years. Staff recommends approval of the Agreement as attached hereto.

Please present this Agreement and resolution to the President and Board of Trustees for their review at their regular meeting of January 17, 2013. If approved, please return three (3) original signed copies to Public Works-Engineering for further processing.

DAD/fsk

**RESOLUTION**  
**R \_\_\_\_\_ 13**

**A RESOLUTION AUTHORIZING SIGNATURE OF  
PRESIDENT AND CLERK ON AN AGREEMENT**

**WHEREAS**, the Corporate Authorities of the Village of Lombard have received an Agreement between the Village of Lombard, and Illinois Department of Transportation regarding the engineering and installation of Light-Emitting Diode traffic signal modules and battery back-up equipment at ten (10) intersections maintained and operated by the Illinois Department of Transportation that service the Village of Lombard as attached hereto and marked Exhibit "A"; and

**WHEREAS**, the Corporate Authorities deem it to be in the best interest of the Village of Lombard to approve such request and agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

**SECTION 1:** That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard said agreement and request as attached hereto.

**SECTION 2:** That the Village Clerk be and hereby is authorized to attest said agreement and request as attached hereto.

Adopted this 17<sup>th</sup> day of January, 2013.

Ayes; \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved this 17<sup>th</sup> day of January, 2013.

\_\_\_\_\_  
**Village President**

ATTEST:

\_\_\_\_\_  
**Brigitte O'Brien**  
**Village Clerk**

APPROVAL AS TO FORM:

\_\_\_\_\_  
**Thomas P. Bayer**  
**Village Attorney**

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 Lombard, 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 intersections of IL 38 (Roosevelt Rd) at Finley Rd; at Main St; at Highland Av; at Lombard Shopping Ctr; at Fairfield Rd; and IL 53 (Rohlwing Rd) at IL 64 (North Av); IL 56 (Butterfield Rd) at Technology/Maxant Dr; IL 56 (Butterfield Rd) at Foundation Square Dr; IL 64 (North Av) at Lombard Rd; at Main St and at Grace St (to be known as STATE Section 2012-070 I and Contract No. 60V80-Job No. D-91-079-13). 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 intersections of IL 38 (Roosevelt Rd) at Finley Rd; at Main St; at Highland Av; at Lombard Shopping Ctr; at Fairfield Rd; IL 56 (Butterfield Rd) at Technology/Maxant Dr; IL 56 (Butterfield Rd) at Foundation Square Dr; IL 64 (North Av) at Lombard Rd; at Main St and at Grace St., lies within the corporate limits of the VILLAGE.

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 construction costs and engineering costs of this improvement shall be as follows:

	Improvement Cost	State Cost	Lombard Cost	County Cost
IL 38 (Roosevelt Rd) at Finley Rd	\$18,000.00 (Signal upgrades)	\$17,100.00 (90% + 5%)	\$900.00 (5%)	\$0 (-%)
Engineering (15%)		\$2,565.00	\$135.00	\$0
IL 38 (Roosevelt Rd) at Main St	\$15,000.00 (Signal upgrades)	\$14,250.00 (90% + 5%)	\$375.00 (2.5%)	\$375.00 (2.5%)
Engineering (15%)		\$2,137.50	\$56.25	\$56.25
IL 38 (Roosevelt Rd) at Highland Av	\$18,000.00 (Signal upgrades)	\$17,550.00 (90% + 7.5%)	\$450.00 (2.5%)	\$0 (-%)
Engineering (15%)		\$2,632.50	\$67.50	\$0

	Improvement Cost	State Cost	Lombard Cost	County Cost
IL 38 (Roosevelt Rd) at Lombard Shopping Ctr	\$15,000.00 (Signal upgrades)	\$14,250.00 (90% + 5%)	\$750.00 (5%)	\$0 (-%)
Engineering (15%)		\$2,137.50	\$112.50	\$0
IL 38 (Roosevelt Rd) at Fairfield Rd	\$15,000.00 (Signal upgrades)	\$14,250.00 (90% + 5%)	\$750.00 (5%)	\$0 (-%)
Engineering (15%)		\$2,137.50	\$112.50	\$0
IL 56 (Butterfield Rd) at Technology/Maxant Dr	\$38,000.00 (Signal upgrades)	\$36,100.00 (90% + 5%)	\$1,900.00 (5%)	\$0 (-%)
Engineering (15%)		\$5,415.00	\$285.00	\$0
IL 56 (Butterfield Rd) at Foundation Square Dr	\$28,000.00 (Signal upgrades)	\$26,600.00 (90% + 5%)	\$1,400.00 (5%)	\$0 (-%)
Engineering (15%)		\$3,990.00	\$210.00	\$0
IL 64 (North Av) at Lombard Rd	\$18,000.00 (Signal upgrades)	\$17,406.00 (90% + 6.7%)	\$594.00 (3.3%)	\$0 (-%)
Engineering (15%)		\$2,610.90	\$89.10	\$0
IL 64 (North Av) at Main St	\$20,000.00 (Signal upgrades)	\$19,000.00 (90% + 5%)	\$1,000.00 (5%)	\$0 (-%)
Engineering (15%)		\$2,850.00	\$150.00	\$0
IL 64 (North Av) at Grace St	\$20,000.00 (Signal upgrades)	\$19,000.00 (90% + 5%)	\$1,000.00 (5%)	\$0 (-%)
Engineering (15%)		\$2,850.00	\$150.00	\$0
IL 53 (Rohlwing Rd) at IL 64 (North Av)	\$15,000.00 (Signal upgrades)	\$5,000.00 (90% +10%)	\$0 (-%)	\$0 (-%)
Engineering (15%)		\$2,250.00	\$0	\$0
<b>TOTAL</b>		<b>\$232,081.90</b>	<b>\$10,486.85</b>	<b>\$431.25</b>

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 Master Agreement executed between the Village of Lombard and the Department of Transportation on July 1, 2011.
6. The actual maintenance will be performed by the STATE with its own forces or through an ongoing contractual 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.

VILLAGE OF LOMBARD

By: \_\_\_\_\_  
Village President

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
CLERK

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By: \_\_\_\_\_  
(Signature)

By: John Fortmann  
(Print)

Title: Acting Deputy Director of Highways,  
Region One Engineer

Date: \_\_\_\_\_

PLAN APPROVAL

WHEREAS, in order to facilitate the improvement at the intersections of IL 38 (Roosevelt Rd) at Finley Rd; at Main St; at Highland Av; at Lombard Shopping Ctr; at Fairfield Rd; IL 56 (Butterfield Rd) at Technology/Maxant Dr; IL 56 (Butterfield Rd) at Foundation Square Dr; IL 64 (North Av) at Lombard Rd; at Main St and at Grace St., VILLAGE OF LOMBARD hereby approves the plans and specifications for the proposed traffic signal improvements at the said intersections above.

APPROVED:

By: \_\_\_\_\_  
VILLAGE ENGINEER

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_

Clerk

SEAL