



MEMORANDUM

TO: Bruce K. Walden, Chief Administrative Officer
FROM: William R. Gray, P. E., Public Works Director
Gale L. Jamison, P. E., Assistant City Engineer
DATE: January 18, 2005
RE: Cunningham Avenue (U.S. Route 45) & I-74 Ramp Traffic Signal Modernization

INTRODUCTION

The Illinois Department of Transportation (IDOT) is proposing to modernize the traffic signals at both the eastbound and westbound ramps at the I-74, Cunningham Avenue (U.S. Route 45) intersection. Traffic signal modernization includes the removal of the islands at the entrances to the eastbound and westbound access ramps to I-74 and the signals located in them. Replacement signals will be placed at the sides of the ramps. The existing signal control box will be replaced with a new one. As a part of the modernization of the ramp intersection signals IDOT is also proposing improvements to the interconnect system on Cunningham Avenue from Perkins Road to O'Brien Drive. The interconnect will include interface with the signals at the Kenyon Road/Willow View Road intersection with Cunningham Avenue. Public Works staff has reviewed the plans for the proposed improvements and take no exception to the proposal.

This proposed work is scheduled to occur this calendar year.

FISCAL IMPACT

The City's participation in the project will include continued (reimbursable from IDOT) maintenance responsibilities as outlined in the November 7, 2001 Master Agreement executed by IDOT and the City. The City will be responsible for one-third of the cost of the interconnect system from Perkins Road to O'Brien Drive and is set as a maximum of \$1,550.00 in the Agreement.

RECOMMENDATION

It is recommended that a RESOLUTION APPROVING AND AUTHORIZING THE EXECUTION OF AN AGREEMENT WITH THE STATE OF ILLINOIS FOR THE MODERNIZATION OF THE TRAFFIC SIGNALS AT THE INTERSECTION OF I-74 AND CUNNINGHAM AVENUE (SECTION 25 X-N) AND TRAFFIC SIGNAL INTERCONNECTS FROM PERKINS ROAD TO O'BRIEN DRIVE be approved by City Council.

Attachments:

Resolution
Agreement
Exhibit A
Location Map

RESOLUTION NO.2005-01-002R

A RESOLUTION APPROVING AND AUTHORIZING THE EXECUTION OF AN AGREEMENT WITH THE STATE OF ILLINOIS FOR THE MODERNIZATION OF THE TRAFFIC SIGNALS AT THE INTERSECTION OF I-74 AND CUNNINGHAM AVENUE (Section 25 X-N) AND TRAFFIC SIGNAL INTERCONNECTS FROM PERKINS ROAD TO O'BRIEN DRIVE

(Cunningham Avenue between Perkins Road and O'Brien Drive)

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF URBANA, ILLINOIS, as follows:

Section 1. That An Agreement Between the State of Illinois and the City of Urbana in substantially the form of the copy of said Agreement attached hereto and hereby incorporated by reference, be and the same is hereby authorized and approved.

Section 2. That the Mayor of the City of Urbana, Illinois, be and the same is hereby authorized to execute and deliver, and the City Clerk of the City of Urbana, Illinois, be and the same is authorized to attest to said execution of said agreement as so authorized and approved for and on behalf of the City of Urbana, Illinois.

PASSED by the City Council this _____ day of _____, 2005.

Phyllis D. Clark, City Clerk

APPROVED by the Mayor this _____ day of _____, 2005.

Tod Satterthwaite, Mayor

City of Urbana
(Champaign County)

FAP Route 800 (US RTE 45)
Section 28 X-N
County Champaign
Job No. C- 95-083-04
Agreement No. JN 505 001
Contract No. 70438

AGREEMENT

This agreement entered into this _____ day of _____, A.D., 20____, by and between the STATE OF ILLINOIS, acting by and through its DEPARTMENT OF TRANSPORTATION hereinafter called the STATE, and the CITY of URBANA, of the State of Illinois, hereinafter called the CITY.

WITNESSETH:

WHEREAS, the STATE in order to facilitate the free flow of traffic and insure safety to the motoring public, is desirous of improving FA Route 800 US Route 45, State Section 28 X-N by modernizing traffic signals at the East bound and West bound I-74 ramp intersections and interconnecting them with Kenyon Rd. / Willow View Rd., Country Club Rd/ Perkins Rd. and by performing all other work necessary to complete the improvement in accordance with the approved plans and specifications; and

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

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

1. The STATE agrees to make the surveys, obtain all necessary rights-of-way, prepare plans and specifications, receive bids and award the contract, furnish engineering inspection during construction and cause the improvement to be built in accordance with the plans, specifications and contract.
2. The STATE agrees to pay for all right-of-way, construction and engineering costs, subject to reimbursement by the CITY as hereinafter stipulated.

3. It is mutually agreed by and between the parties hereto that the estimated cost and cost proration for this improvement is as follows:

<u>Type of Work</u>	<u>STATE RESPONSIBILITY</u>				<u>CITY RESPONSIBILITY LOCAL PARTICIPATION</u>		<u>TOTAL</u>
	<u>FEDERAL REIMBURSABLE</u>		<u>STATE MATCHING</u>		<u>COST</u>	<u>%</u>	
	<u>Cost</u>	<u>%</u>	<u>Cost</u>	<u>%</u>	<u>Cost</u>	<u>%</u>	
Traffic signals at I-74 WB Ramp	\$ 41,940	90	\$ 4,660	10	NA	NA	\$ 46,600
Traffic signals at I-74 EB Ramp	\$ 43,110	90	\$ 4,790	10	NA	NA	\$ 47,900
Interconnect from I-74 WB Ramp to I-74 EB Ramp	\$ 7,550	90	\$ 838	10	NA	NA	\$ 8,388
Interconnect from I-74 EB Ramp to Kenyon Rd / Willow View Rd.	\$ 10,311	90	\$ 825	7.2	\$ 321	2.8	\$ 11,457
Interconnect from Kenyon Rd / Willow View Rd. to Country Club Rd / Perkins Rd.	\$ 13,415	90	\$ 745	5	\$ 745	5	\$ 14,905
Sub Total	\$ 116,326		\$ 11,858		\$ 1,066		\$ 129,250
P&C Engr. 15%	\$		\$ 1,780		\$ 160		\$ 1,940
Total	\$ 116,326		\$ 13,638		\$ 1,226		\$ 131,190

Participation and reimbursement shall be predicated by the percentages shown above for the specified work. Cost shall be determined by multiplying the final quantities times the contract unit prices plus 15% for construction and preliminary engineering. Participation toward the traffic signals shown above shall not exceed \$1,550 which represents 125% of their estimated construction and engineering cost.

5. The CITY has passed a resolution appropriating sufficient funds to pay its share of the cost for this improvement, a copy of which is attached hereto as "Exhibit A" and made a part hereof.

6. The CITY shall exercise its franchise rights to cause private utilities to be relocated, if required, at no expense to the STATE.
7. The CITY agrees to cause its utilities installed on right-of-way after said right-of-way was acquired by the STATE or installed within the limits of a roadway after the said roadway's jurisdiction was assumed by the STATE, to be relocated and/or adjusted, if required, at no expense to the STATE.
8. Upon acceptance by the STATE of the traffic signal work included herein the responsibility for maintenance and energy shall continue to be as outlined in the Master Agreement executed by the STATE and the CITY on November 7, 2001.
9. Upon acceptance by the STATE of the traffic signal work included herein the responsibility for maintenance of the interconnect system shall be added to the Master Agreement executed by the STATE and the CITY on November 7, 2001 with the following appropriations;

Interconnect system from Perkins Road to O'Brien Road 66.7% State, 33.3% City
10. Obligations of the STATE and CITY will cease immediately without penalty or further payment being required if, in any fiscal year, the Illinois General Assembly or Federal funding source fails to appropriate or otherwise make available funds for this contract.
11. This AGREEMENT and the covenants contained herein shall be null and void in the event the contract covering the construction work contemplated herein is not awarded within the three years subsequent to execution of the agreement.

This agreement shall be binding upon and to the benefit of the parties hereto, their successors and assigns.

Attest:

Clerk

(SEAL)

CITY of URBANA

By: _____

TITLE: _____

Date: _____

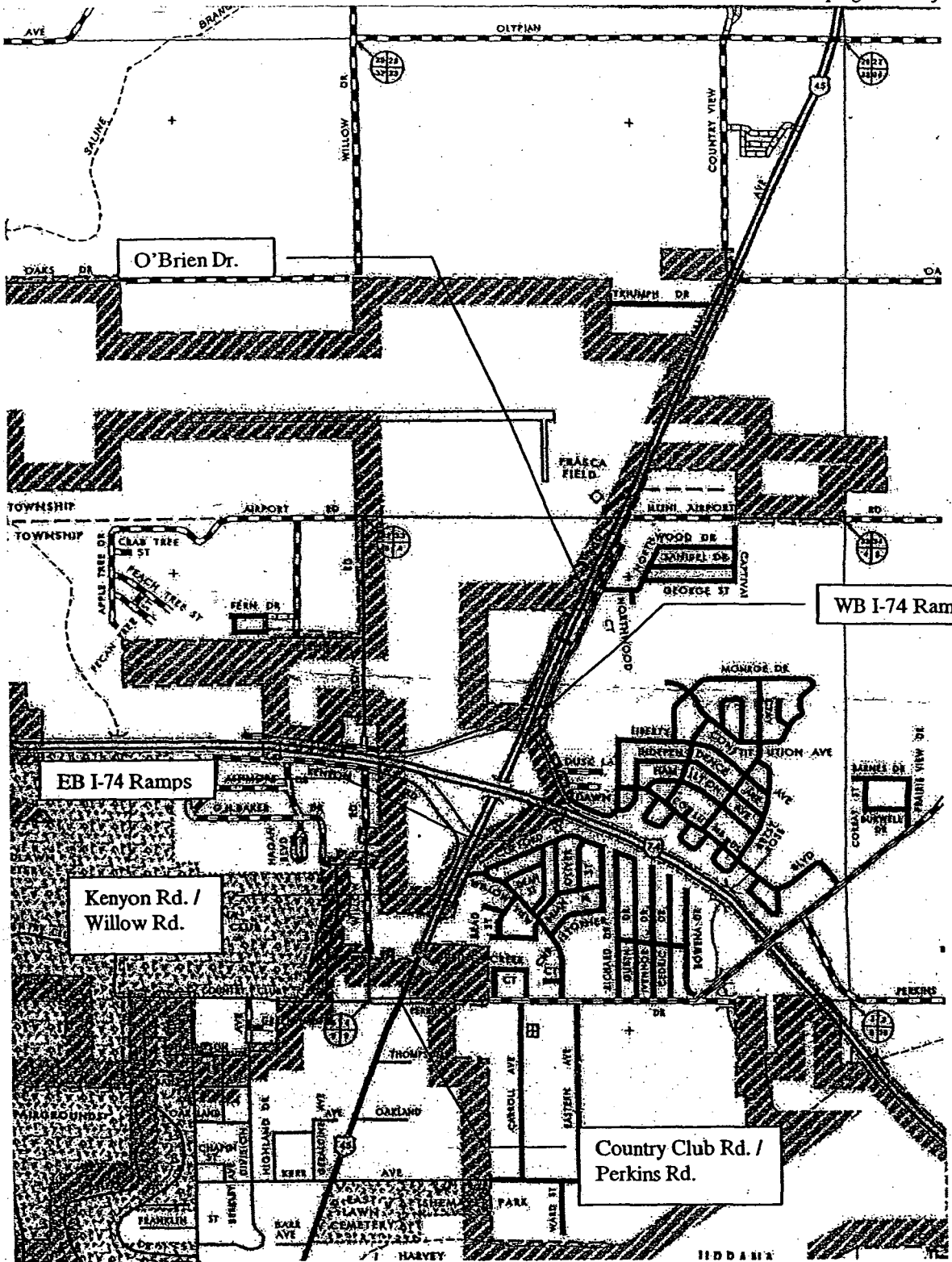
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: _____

Joseph E. Crowe, P. E.
Deputy Director of Highways,
Region Three Engineer

Date: _____

FAP Route 800
Section 28 X-N
Champaign County



O'Brien Dr.

WB I-74 Ramps

EB I-74 Ramps

Kenyon Rd. /
Willow Rd.

Country Club Rd. /
Perkins Rd.