



Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
DATE: January 31, 2019
SUBJECT: Ameren Energy Incentive Overhead (OH) Roadway Lighting

The City of Washington and the Illinois Department of Transportation (IDOT) has 42 separate City-State Agreements along US Business Route 24 within the City limits. Specifically, the OH Lighting has come into recent discussion with problems at the intersection of N. Cummings and US BR-24. As shown on page 5 of the attached Agreement #24, the luminaires (OH Lights) are 100% a City expense.

In late December of 2018, some of these lights were repaired by Laser Electric under IDOT's master services agreement. As the parent jurisdiction, IDOT administers repairs and invoices the City. Laser also addressed lights at Freedom Parkway & McClugage and School Street & Illinois Route 8. Through follow up dialogue with Laser Electric, they prepared a sample estimate of LED replacement under Ameren's program at the Freedom Parkway intersection.

On Monday, January 28th ice intrusion into the controller cabinet compromised the lighting control circuit. Laser effected temporary repairs, but also mentioned that this may be an opportunity to act on the LED incentives. It is estimated that these costs would be within the acting City Administrator's authority for the replacements at Cummings & BR-24, but consideration of budgeting for LEDs systemwide in the next FY is also a consideration. These would include (1) School St & IL Rt 8, (2) Freedom Parkway & McClugage, (3) Wilmor & BR-24 and (4) Cummings & US 24.

Other City owned OH lighting would be reviewed and budgeted with RNS. These would include lights along Mt. Vernon & Constitution, the eastern leg of Freedom Parkway, BR-24 lighting from the viaduct to the Square and BR-24 lighting from Harvey to Lynn. Other OH lighting is owned by Ameren and flat rate charged to the City.

This matter has been placed on the agenda for the Public Works Committee of February 4, 2019 for review and discussion.

cc: File



January 8, 2019

Install new HOLO ATBL D MVOLT 25,000 Lumen LED fixture

\$424.20

This estimate may be withdrawn in 15 days if not accepted.

This estimate may be withdrawn in 15 days if not accepted.



Illinois Department of Transportation

25
24

Section No.:
State: (36) 090-6035-024

Local Agency: 97-00093-00-TL

Job No. C94-121-96

County Tazewell

Agreement No.: JN-497-007

CHECK ROUTE TO: RECD
(Denote "cc" Under Read)

MRippel
DPrice
KSmart
RCherveny
REvans

Local Agency

Joint Agreement

CATALOG NO. 031554-00D

CONTRACT# 88793

This AGREEMENT entered into by and between the State of Illinois, acting by and through its Department of

✓ Council
(Serv. Sec. Ch.)

JEdward
PMcDannald
BRowe

JJustus
MKrause
CCrutchfield

RLaniga
LCrurch
JJohn
SZeck

LWhite
JNeman
RAnthony
Shnee

FILE Loc.
COMMENTS:

Transportation hereinafter called the State, and the City of Washington
of the State of Illinois, hereinafter called the LA.

WITNESSETH

Whereas, the State, in order to facilitate the free flow of traffic and insure safety to the motoring public, is desirous of making the improvements described in Exhibit A attached hereto and made a part hereof and further identified as follows; and

Route: FA 399 (Old US 24)

LA Street Name: North Washington Street

Termini: Business US 24/Cummings Lane intersection

Whereas, the LA is desirous of said improvements in that same will be of immediate benefit to the LA residents and permanent in nature;
Now, Therefore, in consideration of the mutual covenants contained herein, the parties hereto agree as follows:

Article I

The State Agrees:

1. To make the surveys, obtain all necessary right-of-way, (if required), 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. To pay all right of way (if applicable), construction and engineering costs, including the cost of any Railroad adjustments, subject to reimbursement by the LA as hereinafter stipulated. The State will negotiate with the Railroad(s) for any required adjustments.
3. Upon final field inspection of the improvement and so long as the route is used as a State Highway, to maintain or cause to be maintained, the median, the through traffic lanes, left and right turn lanes and the curb and gutter or stabilized shoulders and ditches adjacent to those lanes.

Article II

The LA Agrees:

1. To reimburse the State for its share of construction, engineering and/or right-of-way costs as determined in Exhibit B attached hereto and made a part hereof and in the manner described in Exhibit C.
2. To pass a resolution appropriating sufficient funds to pay its share of the cost of this improvement a copy of which is attached hereto as Exhibit C and made a part hereof and will pass a supplemental resolution if the original amount appropriated is insufficient to cover their final costs.
3. To adopt, prior to the State advertising for bids, or continue to enforce an ordinance requiring parking within the designated parking lanes be parallel to the curbs and prohibited at all other locations within the limits of the improvement, a copy of which is attached hereto and will in the future, prohibit parking at such locations on or immediately adjacent to the improvement as may be determined necessary by the State from traffic capacity studies.
4. To adopt, prior to the State advertising for bids, or continue to enforce an ordinance relative to the disposition of encroachments and prohibiting in the future any new encroachments within the limits of the improvement, a copy of which is attached hereto. The disposition of encroachments will be cooperatively determined with LA and State representatives.
5. To provide prior to the State advertising for the work to be performed hereunder approval of the plans and specifications as prepared, by resolution or letter.
6. To prohibit driveway entrance openings to be made in the curb, as constructed, without the written consent of the State.
7. To exercise its franchise right to cause private utilities to be relocated at no expense to the State.
8. To cause LA owned utilities located on right of way acquired by the State or installed within the limits of a roadway after the said roadway was taken over for maintenance by the State, to be relocated and/or adjusted at no expense to the State.

Applicable	Not Applicable	Amended	See Attached
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Upon final field inspection of the improvement to maintain or cause to be maintained those portions of the improvement which are not maintained by the State including:

- A. Parking lanes and the curb and gutter adjacent thereto
- B. Highway lighting system including furnishing the electrical energy therefore.
- C. Storm Sewers and Appurtenances

(1) Applicable when storm sewer system constructed for State highway drainage only:

to perform those functions necessary to keep the sewer in a servicable condition including cleaning sewer lines, inlets, manholes and catch basins along with the repair or replacement of inlet, manhole and catch basins' frames, grates or lids plus structural failures to a maximum length of 12 feet between adjacent manholes. The maintenance, repair and/or reconstruction of storm sewers constructed as part of this improvement beyond the aforescribed responsibilities shall be that of the State.

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(2) Applicable when storm sewer system constructed as a joint LA and State use facility:

to perform those functions necessary to keep the sewer in a servicable condition including cleaning sewer lines, inlets, manholes and catch basins along with the repair or replacement of inlet, manholes and catch basins' frames, grates or lids plus structural failures to a maximum length of 12 feet between adjacent manholes. The LA and State shall share the cost of maintenance, except as aforescribed, repair and/or reconstruction of the joint use sewer(s) to the same proportioning as the sewers initial construction costs were proportioned.

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D. Sidewalks, parkways, guardrails, crosswalk and stopline markings and LA owned utilities including the appurtenances thereto.

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10. To adopt, prior to the State advertising for bids, or continue to enforce an ordinance prohibiting the discharge of sanitary sewers and industrial waste into any storm sewer or drainage facility constructed as a part of this improvement, a copy of which is attached hereto.

Article III

It is mutually agreed:

1. Traffic signal maintenance and the electrical energy therefore shall:

A. continue to be as outlined in the Master Agreement executed by

the State and LA on November 11, 19 80.

B. be proportioned between the parties hereto in accordance with Exhibit D attached hereto and made a part hereof.

2. This Agreement and the covenants contained herein shall be null and void in the event a contract covering the construction work contemplated herein is not awarded within three years subsequent to execution of the Agreement.

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

Article IV

Attached hereto and made a part hereof are Attachments _____ which either amend the aforesaid covenants and/or supplement the terms of this Agreement.

Executed on behalf of the LA

this 22nd day of APRIL 19 97

By Daniel A. Gaudin

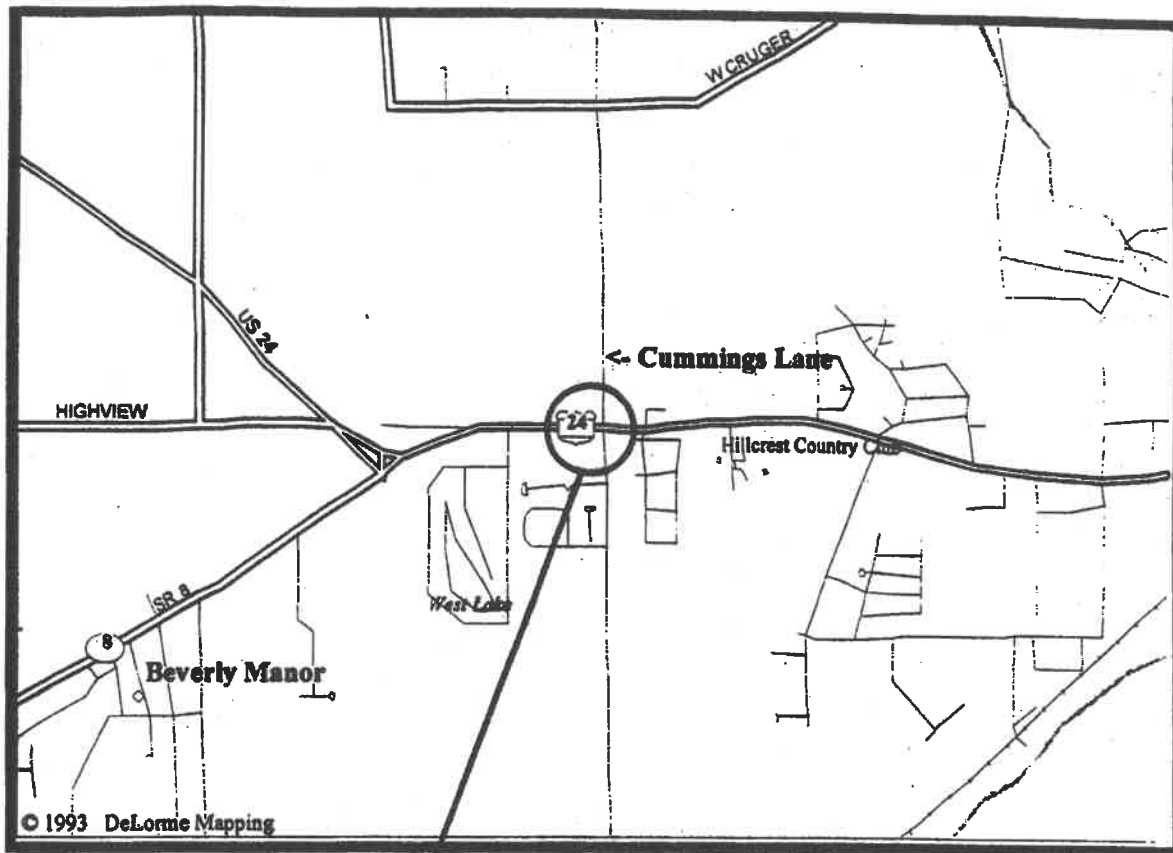
Title Mayor

Attest [Signature]

State of Illinois,
Department of Transportation
Executed on behalf of the State

this 12 day of May 19 97

D. E. [Signature]
District Engineer



**PROPOSED IMPROVEMENT
OLD U.S. 24 AND CUMMINGS LANE**



**EXHIBIT NO. 1
LOCATION MAP
FAP 399 (OTH U.S. 24)
TAZEWELL COUNTY
P-94-038-96**

FAP Route 399 (Old US 24)
Section (36-1)I-1
City Section 97-00093-00-TL
Tazewell County
Contract No. 88793
Catalog No. 031554-00D
Agreement No. JN-497-007

EXHIBIT A

The proposed improvement consists of resurfacing left-turn lanes on Old US 24, provide left turn lanes to southbound Cummings Lane, remove existing islands and replace them with striped flush islands, interconnect the proposed traffic signals with the existing traffic signals at intersections immediately east and west of this intersection, the construction of crosswalks and ADA ramps;

and performing all other work necessary to complete the improvement in accordance with the approved plans and specifications.

FAP Route 399 (Old US 24)
 Section (36-1)I-1
 City Section 97-00093-00-TL
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EXHIBIT B

ESTIMATE OF COST PARTICIPATION

Type of Work	FHWA Cost (%)		State Cost (%)		City Cost (%)		Total Cost
ADA Ramps	1,380	(90)	80.00	(5)	80.00	(5)	1,540.00
Prel. Eng. (5%)	-----		38.50	(50)	38.50	(50)	77.00
Const. Eng. (10%)	138	(90)	8.00	(5)	8.00	(5)	154.00
PCC Sidewalk	-----		2,080	(50)	2,080	(50)	4,160.00
Prel. Eng. (5%)	-----		104	(50)	104	(50)	208.00
Const. Eng. (10%)	-----		208	(50)	208	(50)	416.00
Traffic Signals	113,760	(90)	6,320	(5)	6,320	(5)	126,400.00
Prel. Eng. (5%)	-----		3,160	(50)	3,160	(50)	6,320.00
Const. Eng. (10%)	11,376	(90)	632	(5)	632	(5)	12,640.00
Traffic Signal Interconnect	12,510	(90)	695	(5)*	695	(5)*	13,900.00
Prel. Eng. (5%)	-----		347.50	(50)	347.50	(50)	695.00
Const. Eng. (10%)	1,251	(90)	69.50	(5)	69.50	(5)	1,390.00
Luminaires	-----		-----		7,300	(100)	7,300.00
Prel. Eng. (5%)	-----		-----		365	(100)	365.00
Const. Eng. (10%)	-----		-----		730	(100)	730.00
Right-of-Way	-----		-----		400	(100)	400.00
Prel. Eng. (5%)	-----		-----		20	(100)	20.00
Const. Eng. (10%)	-----		-----		40	(100)	40.00
Remaining Construction	221,670	(90)	24,630.70	(10)			246,300.70
Prel. Eng. (5%)	-----		1,231	(100)			1,231.00
Const. Eng. (10%)	22,167	(90)	2,463	(10)			24,630.00
Sub Total	384,252		42,067.20		22,597.50		448,916.70

Participation shall be predicated on the percentages shown above for the specified work. Cost shall be determined by multiplying the final quantities times contract unit prices plus 15% for construction and preliminary engineering.

*The traffic interconnect is based upon the total number of intersection legs (10) divided into the number of legs each agency is responsible for (City = 5; State = 5).

FAP Route 399 (Old US 24)
Section (36-1)I-1
City Section 97-00093-00-TL
Tazewell County
Contract No. 88793
Catalog No. 031554-00D
Agreement No. JN-497-007

EXHIBIT C
RESOLUTION NO. _____
MFT RESOLUTION

WHEREAS, the City of Washington has entered into an Agreement with the State of Illinois for the improvement of Old US 24 (FA Route 399), known as State Section (36-1)I-1, City Section 97-00093-00-TL and

WHEREAS, in compliance with the aforementioned Agreement, it is necessary for the City to appropriate Motor Fuel Tax Funds to pay its share of the cost of said improvement.

NOW, THEREFORE, BE IT RESOLVED, that there is hereby appropriated the sum of Twenty-Two Thousand Six Hundred Dollars (\$22,600), or so much thereof as may be necessary, from any money now or hereafter allotted to the City under the provisions of the Motor Fuel Tax Law, to pay its share of the cost of this improvement as provided in the Agreement; and

BE IT FURTHER RESOLVED, that upon award of the contract for this improvement, the City of Washington will pay to the Department of Transportation of the State of Illinois, in a lump sum from any funds allotted to the City, under the Motor Fuel Tax Law, an amount equal to 95% 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.

BE IT FURTHER RESOLVED that the Village agrees to pass a supplemental resolution to provide necessary funds for its share of the cost of this improvement if the amount appropriated herein proves to be insufficient to cover said cost.

APPROVED:

Date May 12, 1997

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Division of Highways

D. E. [Signature]
District Engineer

STATE OF ILLINOIS)
) ss
CITY OF WASHINGTON)

I, Mr./Ms. Carol K. Moss
City Clerk in and for the City of Washington,
State of Illinois, hereby certify the foregoing
to be a true, perfect, and complete copy of
the resolution adopted by the City Council
at its meeting on April 21, 1997.

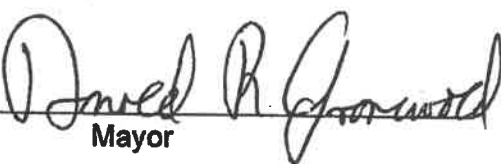
IN TESTIMONY WHEREOF, I have hereunto
set my hand and seal this 22nd
day of April, A.D., 1997.

Carol K. Moss
Clerk

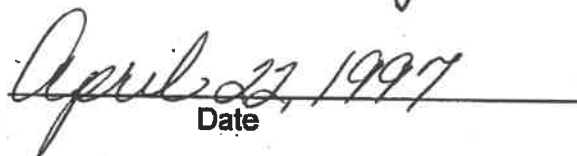
(SEAL)

FAP Route 399 (Old U.S. 24)
State Section (36-1)-1
City Section 97-00093-00-TL
Tazewell County
Agreement No. JN-497-007
Contract No. 88793
Catalog No. 031554-00D

I approve the portions of the final plans for the above captioned project that pertain to the City of Washington's maintenance obligations.



Mayor



Date