



ST. CHARLES  
SINCE 1834

### AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve IDOT Agreement for Proposed Highway Safety Improvement "Traffic Signal Program"
Presenter:	James Bernahl

*Please check appropriate box:*

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 04.23.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council

Estimated Cost:	\$55,822.15	Budgeted:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
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If NO, please explain how item will be funded:

#### Executive Summary:

The Illinois Department of Transportation applied for and was awarded a Highway Safety Improvement Program (HSIP) grant for the improvement of the traffic signals along IL 64 from 7<sup>th</sup> St. to 7<sup>th</sup> Ave. This project would include the replacement and upgrading of the existing IDOT traffic signals along this section of IL 64.

Some of the anticipated improvements with the traffic signal upgrades included the installation of pedestrian countdown signals and the replacement of the City's EVP Emergency Response System.

Currently there is a cost sharing agreement with IDOT for all of the proposed signals within this corridor. Based on that agreement, the City would be obligated for a percentage of the total costs (refer to attached exhibit for percentage specifics). Staff has been working closely with IDOT on this program and believes that the proposed improvements will help to improve the safety of both vehicle and pedestrian movements along this corridor. For these reasons staff recommends that approval of the IDOT agreement for this HSIP grant program.

#### Attachments: *(please list)*

Copy of IDOT Agreement

#### Recommendation / Suggested Action *(briefly explain):*

Staff recommends approval of a Resolution authorizing the Mayor and City Clerk to execute the IDOT Agreement for the HSIP "Traffic Signal Program" for the IL 64 corridor from 7<sup>th</sup> Street to 7<sup>th</sup> Avenue.

*For office use only:*

*Agenda Item Number: 5.i*

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 City of St. Charles, County of KANE, 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 as part of the Highway Safety Improvement Program is desirous of improving the existing signalized intersection(s) on IL RTE 64 (Main St) by modernizing the traffic signals at IL RTE 64 (Main St) at 7<sup>th</sup> St.; at 3<sup>rd</sup> St.; at IL 31 (2<sup>nd</sup> St); at 1<sup>st</sup> St.; at 1<sup>st</sup> Av.; at IL 25 (5<sup>th</sup> Av) and at 7<sup>th</sup> Av., (to be known as STATE Section 1288-R-2 TS) and by performing all other work necessary to complete the improvement in accordance with the plans and specifications; and,

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

WHEREAS, the intersection(s) of IL RTE 64 (Main St) at 7th St.; at 3rd St.; at IL 31 (2nd St); at 1st St.; at 1st Av.; at IL 25 (5th Av) and at 7th Av., lies within the corporate limits of the CITY.

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 CITY as hereinafter stipulated.
2. The CITY 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:

IL RTE 64 (Main St) Traffic Signals at	FEDERAL FUNDS	STATE FUNDS	CITY FUNDS
7th St.	90%	5%	5%
(15% engineering)	90%	5%	5%
3rd St.	90%	5%	5%
(15% engineering)	90%	5%	5%
IL 31 (2nd St)	90%	10%	0%
(15% engineering)	90%	10%	0%
1st St.	90%	6.7%	3.3%
(15% engineering)	90%	6.7%	3.3%
1st Av.	90%	5%	5%
(15% engineering)	90%	5%	5%
IL 25 (5th Av)	90%	10%	0%
(15% engineering)	90%	10%	0%
7th Av.	90%	5%	5%
(15% engineering)	90%	5%	5%

4. It is mutually agreed that the estimated construction costs and engineering costs of this improvement are divided as follows:

IL RTE 64 (Main St) Traffic Signals at	FEDERAL FUNDS	STATE FUNDS	CITY FUNDS	TOTAL
7th St.	\$ 22,500.00	\$ 1,250.00	\$ 1,250.00	\$ 25,000.00
(15% engineering)	\$ 3,375.00	\$ 187.50	\$ 187.50	\$ 3,750.00
3rd St.	\$ 25,200.00	\$ 1,400.00	\$ 1,400.00	\$ 28,000.00
(15% engineering)	\$ 3,780.00	\$ 210.00	\$ 210.00	\$ 4,200.00
IL 31 (2nd St)	\$ 21,600.00	\$ 2,400.00	\$ -	\$ 24,000.00
(15% engineering)	\$ 3,240.00	\$ 360.00	\$ -	\$ 3,600.00
1st St.	\$ 24,300.00	\$ 1,809.00	\$ 891.00	\$ 27,000.00
(15% engineering)	\$ 3,645.00	\$ 271.35	\$ 133.65	\$ 4,050.00
1st Av.	\$ 34,200.00	\$ 1,900.00	\$ 1,900.00	\$ 38,000.00
(15% engineering)	\$ 5,130.00	\$ 285.00	\$ 285.00	\$ 5,700.00
IL 25 (5th Av)	\$ 36,000.00	\$ 4,000.00	\$ -	\$ 40,000.00
(15% engineering)	\$ 5,400.00	\$ 600.00	\$ -	\$ 6,000.00
7th Av.	\$ 19,800.00	\$ 1,100.00	\$ 1,100.00	\$ 22,000.00
(15% engineering)	\$ 2,970.00	\$ 165.00	\$ 165.00	\$ 3,300.00
<b>TOTALS</b>	<b>\$ 211,140.00</b>	<b>\$ 15,937.85</b>	<b>\$ 7,522.15</b>	<b>\$ 234,600.00</b>

IL RTE 64 (Main St) EVP INSTALLATIONS AT:	FEDERAL FUNDS	STATE FUNDS	CITY FUNDS
7th St.	0%	0%	100%
(15% engineering)	0%	0%	100%
3rd St.	0%	0%	100%
(15% engineering)	0%	0%	100%
IL 31 (2nd St)	0%	0%	100%
(15% engineering)	0%	0%	100%
1st St.	0%	0%	100%
(15% engineering)	0%	0%	100%
1st Av.	0%	0%	100%
(15% engineering)	0%	0%	100%
IL 25 (5th Av)	0%	0%	100%
(15% engineering)	0%	0%	100%
7th Av.	0%	0%	100%
(15% engineering)	0%	0%	100%

IL RTE 64 (Main St) EVP INSTALLATIONS AT:	FEDERAL FUNDS	STATE FUNDS	CITY FUNDS	TOTAL
7th St.	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
3rd St.	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
IL 31 (2nd St)	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
1st St.	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
1st Av.	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
IL 25 (5th Av)	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
7th Av.	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
(15% engineering)	\$ -	\$ -	\$ 900.00	\$ 900.00
<b>TOTALS</b>	\$ -	\$ -	\$ 48,300.00	\$ 48,300.00

\*The **installation** of new EVP Equipment at the intersections of: IL RTE 64 (Main St) at 7<sup>th</sup> St.; at 3<sup>rd</sup> St.; at IL 31 (2<sup>nd</sup> St); at 1<sup>st</sup> St.; at 1<sup>st</sup> Av.; at IL 25 (5<sup>th</sup> Av) and at 7<sup>th</sup> Av., is the Responsibility of the CITY OF ST. CHARLES and is estimated to be \$6,000.00 per intersection (+15% engineering) for a total of \$48,300.00.

5. It is mutually agreed that the CITY will reimburse the STATE in an amount equal to the CITY'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 CITY will pay to the Department of Transportation of the State of Illinois, in a lump sum from any funds allotted to the CITY. 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.
6. 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 Master Agreement executed between the City of St. Charles and the Department of Transportation on July 1, 2011.
7. The actual maintenance will be performed by the STATE with its own forces or through an ongoing contractual agreement.
8. 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.
9. The STATE retains the right to control the sequence of timing on the traffic signals.
10. The STATE will be responsible for maintenance of lane line and median line markings. The CITY will be responsible for maintenance of crosswalk and stop line markings under their jurisdiction.
11. The CITY agrees to exercise its franchise right to cause private utilities to be relocated at no expense to the STATE.

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

CITY OF ST. CHARLES

By: \_\_\_\_\_  
MAYOR

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

ATTEST:

\_\_\_\_\_  
CLERK

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By: \_\_\_\_\_  
Diane M. O'Keefe, P.E.  
Deputy Director of Highways,  
Region One Engineer

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

PLAN APPROVAL

WHEREAS, in order to facilitate the improvement at the intersection(s) of IL RTE 64 (Main St) at 7<sup>th</sup> St.; at 3<sup>rd</sup> St.; at IL 31 (2<sup>nd</sup> St); at 1<sup>st</sup> St.; at 1<sup>st</sup> Av.; at IL 25 (5<sup>th</sup> Av) and at 7<sup>th</sup> Av., the CITY OF ST. CHARLES hereby approves the plans and specifications for the proposed traffic signal improvements at the said intersection(s) above.

APPROVED:

By: \_\_\_\_\_  
CITY ENGINEER

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

ATTEST:

\_\_\_\_\_  
Clerk

SEAL