Legislation Details (With Text)

File #:	80884	**Version:**	1	**Name:**	Authorizing the Mayor and City Clerk to execute an agreement with the State of Wisconsin Department of Transportation for the design and construction for retrofitting older energy inefficient streetlights to energy efficient Light Emitting Diode (LED) fix
Type:	Resolution			**Status:**	Passed
File created:	11/16/2023			**In control:**	Traffic Engineering Division
On agenda:	11/21/2023			**Final action:**	12/5/2023
Enactment date:	12/13/2023			**Enactment #:**	RES-23-00798

Title: Authorizing the Mayor and City Clerk to execute an agreement with the State of Wisconsin Department of Transportation for the design and construction for retrofitting older energy inefficient streetlights to energy efficient Light Emitting Diode (LED) fixtures citywide through the Carbon Reduction Program (CRP) Project, I.D. 5992-11-34/35.

Sponsors: Satya V. Rhodes-Conway, MGR Govindarajan, Regina M. Vidaver, Juliana R. Bennett, Dina Nina Martinez-Rutherford, Derek Field, Barbara Harrington-McKinney

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Attachments:

Date	Ver.	Action By	Action	Result
12/5/2023	1	COMMON COUNCIL	Adopt	Pass
11/29/2023	1	TRANSPORTATION COMMISSION	RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER	Pass
11/27/2023	1	FINANCE COMMITTEE	Return to Lead with the Recommendation for Approval	Pass
11/21/2023	1	TRANSPORTATION COMMISSION	Referred	
11/21/2023	1	COMMON COUNCIL	Refer	Pass
11/16/2023	1	Traffic Engineering Division	Referred for Introduction	

Fiscal Note

The proposed resolution authorizes an agreement with the State of Wisconsin Department of Transportation to retrofit older energy inefficient streetlights to energy efficient Light Emitting Diode (LED) fixtures citywide. The total estimated project cost is $1,380,020 of which $672,829 is the City share and the remaining portion will be federally funded. The City share is available within Traffic Engineering's Citywide LED Conversion capital project appropriation from the 2024 capital budget. The federal funding is not currently included in Traffic Engineering's capital budget. The agency will request to appropriate these funds in the 2024 mid-year resolution.

Title

Authorizing the Mayor and City Clerk to execute an agreement with the State of Wisconsin Department of Transportation for the design and construction for retrofitting older energy inefficient streetlights to energy efficient Light Emitting Diode (LED) fixtures citywide through the Carbon Reduction Program (CRP) Project, I.D. 5992-11-34/35.

Body

WHEREAS, Light Emitting Diode (LED) light fixtures are roughly twice as efficient as the older High Pressure Sodium (HPS) & Metal Halide (MH) fixtures; and LED streetlights reduce operational costs, reduce energy consumption, and reduce emissions caused by the generation of electrical energy; and

WHEREAS, LED streetlights have a life-cycle replacement period that is 3 to 4 times longer than older HPS and MH fixtures, and this reduces the frequency of outages. This not only reduces vehicle trips & emissions for maintenance, but greatly improves the reliability of our lighting systems for transportation users & residents. This also improves equity by reducing burden on residents to report streetlight outages; and

WHEREAS, the city of Madison Traffic Engineering Division is proposing to replace all City maintained streetlights to the energy efficient LED technology; and

WHEREAS, Traffic Engineering Division was awarded a federal grant for retrofitting older energy inefficient streetlights to energy efficient Light Emitting Diode (LED) fixtures citywide through the Carbon Reduction Program (CRP).

WHEREAS, the funded component of the project will start in 2024 and be completed by 6/30/2026.

NOW THEREFORE BE IT RESOLVED that the Mayor and City Clerk are hereby authorized to execute an agreement with the State of Wisconsin Department of Transportation for the design and construction for retrofitting older energy inefficient streetlights to energy efficient Light Emitting Diode (LED) fixtures citywide through the Carbon Reduction Program (CRP) Project, I.D. 5992-11-34/35.