

Office of the City Engineer

John C. Rooney, P.E.
Assistant Commissioner of Public Works/
City Engineer



City of Racine, Wisconsin

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March 23, 2018

Legistar Item: 0308-18

To: Alderman Terry McCarthy, Chairman
Public Works and Services Committee

From: John Rooney *JCR*
Assistant Commissioner of Public Works/City Engineer

Re: WisDNR Urban Nonpoint Source & Storm Water Construction Grant for Lakeview Park

This communication is seeking permission to apply for a WisDNR Urban Nonpoint Source and Storm Water Construction Grant. The grant reimburses up to 50% of eligible expenses up to a maximum award of \$160,000 for construction of eligible best management practice devices that control urban nonpoint and storm water runoff pollution from existing urban areas.

The location for the project is Lakeview Park. Lakeview Park has a road that spans the south side of the park from Michigan Boulevard to N. Main Street. The park road looks very much like a public alley, however, it is not public right-of-way.

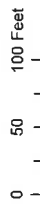
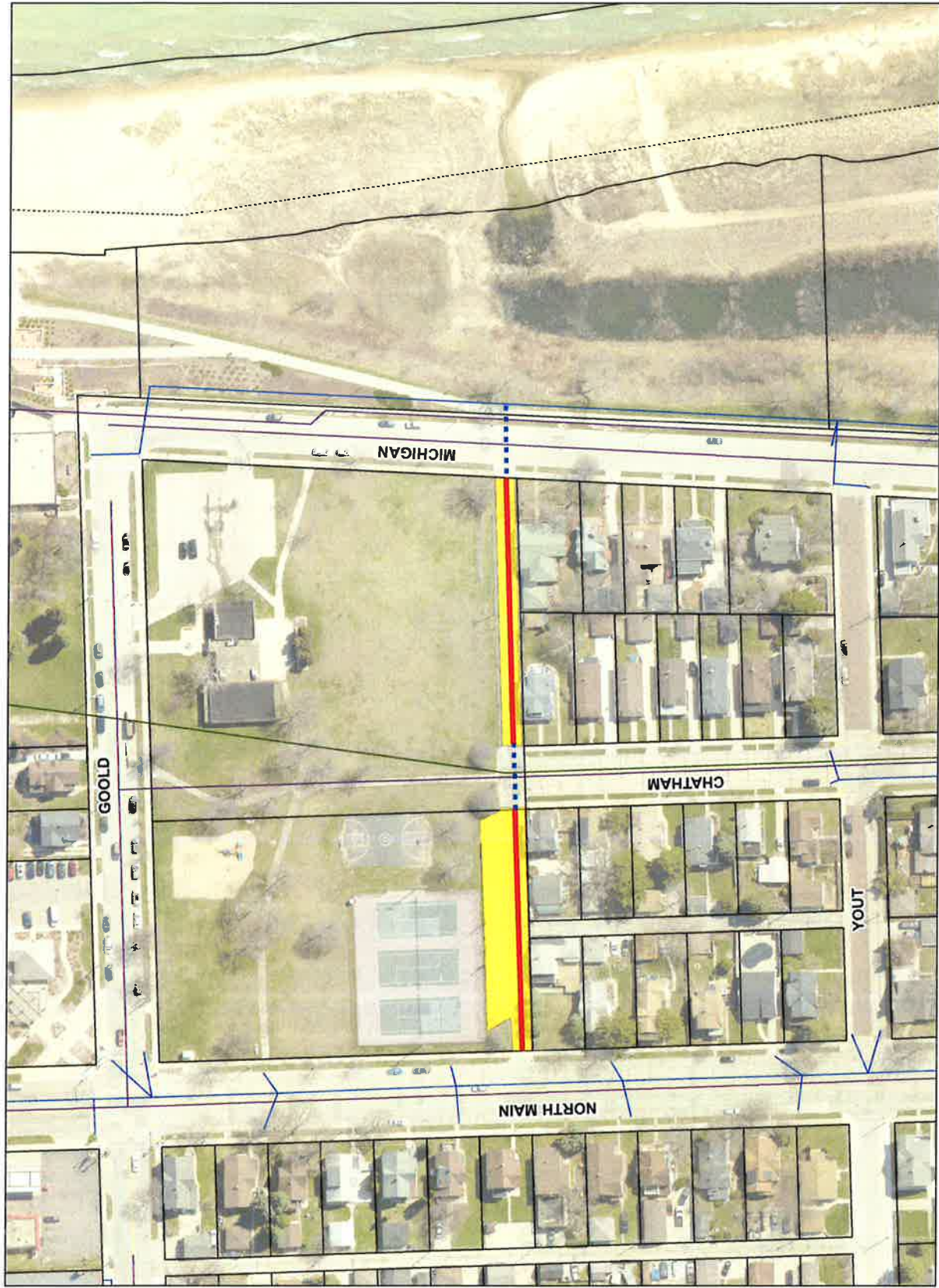
The intent of the grant is to construct a green alley. The green alley would consist of a combination of concrete pavement and porous pavers. The estimated cost of this project is \$160,000. If the City is awarded the grant, the intention would be to fund the remaining 50% from Parks Department funding and Storm Water Utility funding.

I have discussed this project with Director Tom Molbeck as a unique opportunity to pilot green alley paving to get a better understanding of engineering and construction cost. This could possibly be used as a foundation to help assist in the funding of public alleys in the future as requested by Alderman Tate.

If the Committee agrees, the appropriate action would be to authorize the City Engineer to apply for the grant and refer the item to the Finance & Personnel Committee.

JCR:njp

PROPOSED GREEN ALLEY - LAKE VIEW PARK CITY OF RACINE - 2018



Legend	
	Interceptor Pipe
	Interceptor Siphon
	Sanitary Gravity Main
	Sanitary Pressure Main
	Storm Gravity Main
	Storm Lateral
	New Underdrain
	New Pavers
	New Pavement
	Tax Parcels
	City Limits

Lake View Park Green Alley
Cost Estimate
3/21/2018

Item Description	Units	Quantity	Unit Price	Amount
7-Inch Concrete Pavement	SY	1400	\$38.00	\$53,200.00
Green Alley Pavers (5-foot wide)	LF	477	\$160.00	\$76,320.00
Storm Sewer Connection	LS	1	\$2,500.00	\$2,500.00
Mobilization	LS	1	\$6,476.00	\$6,476.00
Traffic Control	LS	1	\$827.96	\$827.96
Subtotal				\$139,323.96
15% Contingency				\$20,898.59
Total				\$160,222.55

Green Alley Paver Bid Item Includes the cost of aggregate, underdrain, fabric and cleanouts.
Mobilization is assumed to be 5% of pavement cost
Traffic Control is assumed to be 1% of pavement cost

UNPS & SW Construction Grant Program

- ❑ Reimburses up to 50% of eligible expenses, up to a maximum award of \$150,000, for construction of **eligible BMPs** that control urban nonpoint and storm water runoff pollution from existing urban areas; and for other eligible associated costs and ancillary activities.
- ❑ Reimburses up to 50% of the cost of land acquisition, up to an additional award of \$50,000, for land acquisition required for the installation of a eligible BMP constructed as part of the same UNPS-Construction grant project.

Permeable Pavement (1008)

