



# *Lake Parkway (STH 794) Extension Study: Preliminary Recommendations*





## *Study Background*

Study of extension of Lake Parkway (STH 794) from its current terminus at Edgerton Avenue to STH 100.

- Requested by Milwaukee County and Cities of Cudahy, Oak Creek, St. Francis, and South Milwaukee.

Study to determine whether to:

- Add extension to regional transportation plan; and
- Request that WisDOT conduct preliminary engineering and environmental impact study.



# Advisory Committee

Study is guided by an Advisory Committee charged with making preliminary and final study recommendations:

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Patricia Jursik, Chair	Supervisor, 8th District, Milwaukee County Board
Frank Busalacchi	Director, Department of Transportation and Public Works, Milwaukee County
Paul Cesarz	Supervisor, 9th District, Milwaukee County Board
Tony Day	Mayor, City of Cudahy
Marina Dimitrijevic	Supervisor, 4th District, Milwaukee County Board
Allan M. Foeckler	Mayor, City of Oak Creek
Mark Honadel	State Representative, 21st Assembly District, State of Wisconsin
Ghassan Korban	Commissioner, Department of Public Works, City of Milwaukee
Christopher J. Larson	State Senator, District 7
Al Richards	Mayor, City of St. Francis
Jon Richards	State Representative, 19th Assembly District, State of Wisconsin
Christine Sinicki	State Representative, 20th Assembly District, State of Wisconsin
Thomas Zepecki	Mayor, City of South Milwaukee

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## *Study Process*

Alternative designs for Lake Parkway extension developed by SEWRPC staff, guided by Advisory Committee.

Advisory Committee reviewed alternative designs and identified a preferred design.

SEWRPC staff then evaluated the preferred design.

- Potential benefits, costs, and impacts.

Based upon evaluation, Advisory Committee made preliminary recommendation that Lake Parkway be extended from Edgerton Ave. to STH 100.

Preliminary recommendations are being presented to the public for comment.

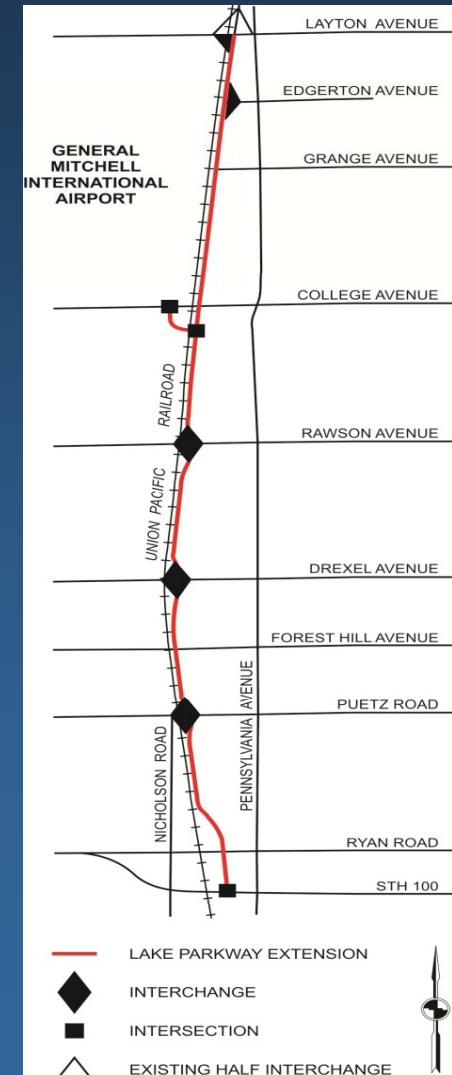
- Comments accepted through March 15, 2012.



# Preliminary Recommendations

## Alignment

- Edgerton Ave. to Rawson Ave.
  - Adjacent to Union Pacific Railroad (UPR) rail line, partly within UPR rail right-of-way and We Energies right-of-way.
- Rawson Ave. to Forest Hill Ave.
  - Outside but adjacent to We Energies right-of-way.
- Forest Hill Ave. to STH 100
  - Continues adjacent to UPR rail right-of-way.





## *Preliminary Recommendations (continued)*

- Urban divided roadway
  - 4 travel lanes, 2 auxiliary lanes, a median, and a multi-use trail.
- Designed for speed limit of 40 miles per hour, similar to existing Lake Parkway.
- Would require an overall right-of-way width of about 130 feet.
  - Reductions to right-of-way width may be possible between major arterial roadways.



# Preliminary Recommendations (continued)

## Roadway Crossing Treatments

- Access restricted to main arterial roadways.

Roadway Crossing	Potential Crossing Treatment
Layton Avenue (CTH Y)	Add southbound on-ramp to existing half interchange
Edgerton Avenue	Replace current connection with northbound on-and off-ramps
Grange Avenue	No access
College Avenue (CTH ZZ)	Overpass with “jughandle” ramp access
Rawson Avenue (CTH BB)	Grade-separated interchange
Drexel Avenue	Grade-separated interchange
Forest Hill Avenue	Overpass with no access
Puetz Road	Grade-separated interchange
Ryan Road	Cul-de-sac on each side of Lake Parkway
STH 100	At-grade intersection west of Pennsylvania Avenue



# Layton Ave./Edgerton Ave.

Access provided by:

- Constructing southbound on-ramp at Layton Ave.
- Constructing northbound on- and off-ramps at Edgerton Ave.

- POTENTIAL CENTERLINE FOR LAKE PARKWAY EXTENSION
- POTENTIAL LAKE PARKWAY EXTENSION
- POTENTIAL NEW SOUTHBOUND ON-RAMP AT LAYTON AVENUE AND NEW NORTHBOUND ON- AND OFF-RAMPS AT EDGERTON AVENUE











# College Ave. Jughandle Ramp Access

Access provided by:

- Jughandle ramp access to College Ave.
- Lake Parkway extension on structure over College Ave.

	POTENTIAL CENTERLINE FOR LAKE PARKWAY EXTENSION
	POTENTIAL LAKE PARKWAY EXTENSION WITH JUGHANDLE RAMP ACCESS AT COLLEGE AVENUE
	SECONDARY ENVIRONMENTAL CORRIDOR
	WETLANDS








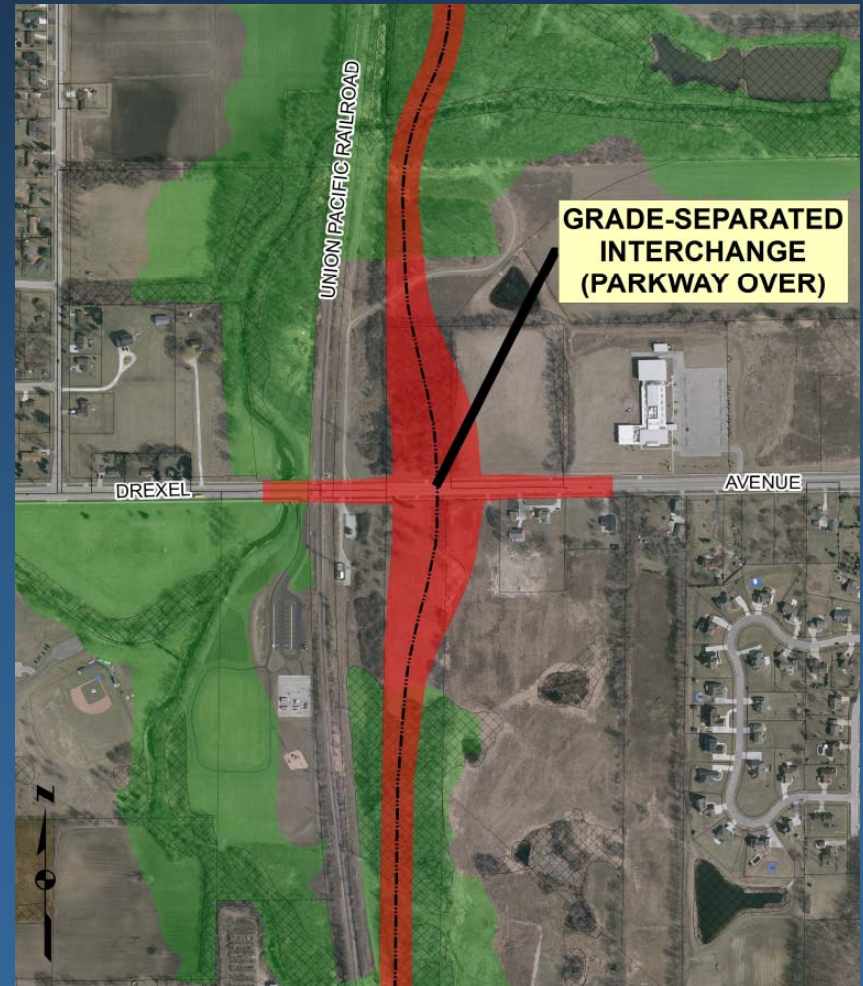


## *Typical Interchange – Drexel Ave.*

Access provided by:

- Grade-separated Interchange
- Lake Parkway extension on structure over Drexel Ave.

	POTENTIAL CENTERLINE FOR LAKE PARKWAY EXTENSION
	POTENTIAL LAKE PARKWAY EXTENSION
	PRIMARY ENVIRONMENTAL CORRIDOR
	ISOLATED NATURAL RESOURCE AREA
	WETLANDS





## *Evaluation of Preliminary Recommended Lake Parkway Extension*

Benefits of implementing Lake Parkway extension:

- Reduction in Traffic Congestion
  - Reduced volumes on adjacent north-south arterials.
  - Some increased volumes on east-west roadways used to access extension.
- May no longer need two planned widenings:
  - Pennsylvania Ave. from 2 to 4 travel lanes between Rawson Ave. and Milwaukee Ave.
  - 13th Street from 2 to 4 travel lanes between Rawson Ave. and Puetz Road.
- Improvement in Accessibility
  - Reduced travel time from 15 minutes to 10 minutes between STH 100 and Layton Ave.



## *Evaluation (continued)*

### Benefits (continued):

- Improvement in Safety
  - Overall reduction of vehicular crashes is expected.
  - Between intersections, extension is expected to have half the crash rate of Pennsylvania Ave.
  - At intersections, through traffic on extension would have minimal conflicts with crossing traffic due to mostly grade-separated interchanges.



# Evaluation (continued)

## Right-of-way Impacts:

- Limited acquisition: 1 residence, no commercial/industrial/institutional structures.
- Disruptions (within 200 feet): 56 residential units, 12 commercial/industrial structures.
- Environmental impacts: some primary environmental corridors/wetlands/recreational land, but no secondary environmental corridors, isolated natural resource areas, or prime agricultural land.
- Utilities: need to relocate some electric and gas facilities.

Evaluation Measure	Lake Parkway Extension
Residential structure acquisition/relocation	1
Right-of-way acquisition (acres)	118
Primary environmental corridors impacted (acres)	41
Wetlands impacted (acres)	27
Park/recreational land impacted—Oak Creek Parkway (acres)	20



## *Evaluation (continued)*

### Other Potential Issues:

- Along General Mitchell International Airport
  - Lake Parkway extension would need to follow Federal Aviation Administration (FAA) and Milwaukee County height restrictions.
- 128<sup>th</sup> Air Refueling Wing of Wisconsin National Guard
  - Potential security concerns relating to their facilities would need to be addressed should extension proceed to implementation.
  - Potential to relocate secured access to facilities from Grange Avenue to other Airport entrances.



## *Evaluation (continued)*

Capital Costs (year 2010 dollars):

- SEWRPC staff worked with WisDOT and utility company staffs to develop cost estimates.

<b>Item</b>	<b>Capital Costs</b>
Construction	\$192.8 million
Right-of-Way	5.7 million
Utility Relocation	8.7 million
<b>Total</b>	<b>\$207.2 million</b>



## *Next Steps*

Public comments on preliminary recommendations accepted through March 15, 2012.

- SEWRPC staff will prepare record of public comments and present it to Advisory Committee.

Advisory Committee will consider whether additional alternatives and/or analyses need to be considered.

Advisory Committee will then make final recommendation:

- Whether to recommend extension of Lake Parkway to STH 100 and:
  - To request addition of Lake Parkway extension to regional transportation plan; and
  - To request that WisDOT conduct preliminary engineering and environmental impact study for Lake Parkway extension.





## *How to Submit a Comment*

Comments accepted through March 15, 2012.

At public meeting:

- Written comment form in lobby
- Oral comment to court reporter in lobby

Following public meeting:

- Email: [LakeParkway@sewrpc.org](mailto:LakeParkway@sewrpc.org)
- Online comment form: [www.sewrpc.org/LakeParkway](http://www.sewrpc.org/LakeParkway)
- Mail:  
Southeastern Wisconsin Regional Planning Commission  
P.O. Box 1607, Waukesha, WI 53187-1607
- Fax: (262) 547-1103



## *Opportunity to Ask Questions*

Want to ask a question of study staff or members of the Advisory Committee? This is your opportunity!

1. Following this presentation, raise your hand if you would like to ask a question.
2. Staff will provide you with a pen and notecard to write your question.
3. Staff will then collect all questions and provide them to a designated question reader.
4. Staff and Advisory Committee will take seats on stage and question reader will read questions aloud to them.
5. Following question-and-answer session, staff will again be available in lobby to answer questions one-on-one.