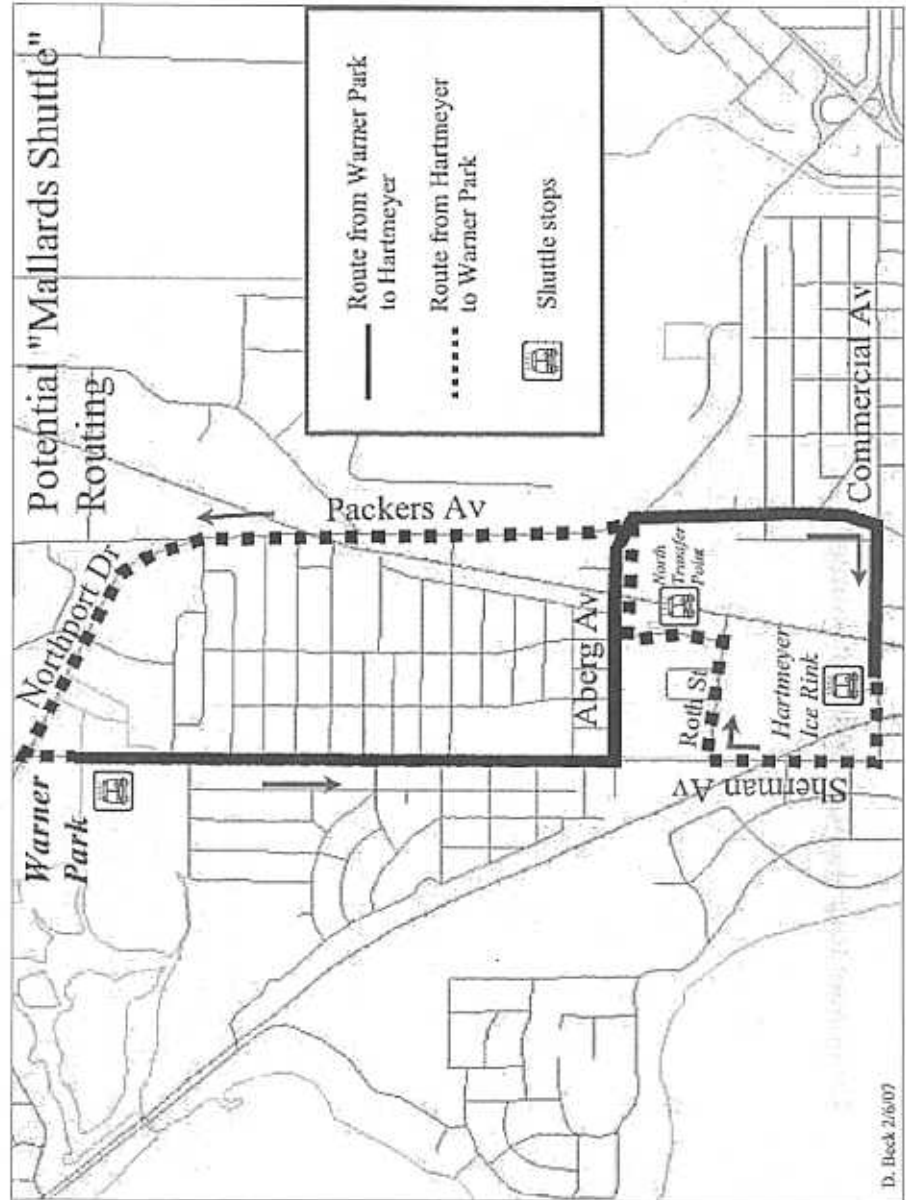


### Potential Mallards Shuttle

Below is a map depicting a potential shuttle route to serve Madison Mallards games at Warner Park. The route is designed to connect the parking lot across Ruskin Street from the Hartmeyer Ice Arena, Metro's North Transfer Point (and associated park & ride lot), and Warner Park. As shown, the route allows the bus to always stop on the side of the street where passengers would be boarding or alighting. The route would take about 24 minutes to make a complete round trip, depending on traffic conditions.



### Estimates for Potential "Mallard Shuttle"

1	2	3	4	5	6			
Number of Buses	Frequency (Minutes)	Bus Hours per Event	Gross cost per Event	Capacity: Passengers/Hour	# Rides needed to cover cost @ fare:			
					\$1	\$2	\$3	\$4
1	24	6.5	\$ 396.50	110	397	198	132	99
2	12	13	\$ 793.00	220	793	397	264	198
3	8	19.5	\$ 1,189.50	330	1190	595	397	297

For estimating purposes, I assumed that the shuttle would operate for 2 hours both pre- and post-event.

The table shows the operating characteristics of the potential shuttle. The columns from left to right display the following:

1. Number of buses operated on the shuttle
2. Estimated frequency between trips, given the number of buses
3. Total "bus hours" that would be operated (used to calculate the operating cost)
4. Gross cost of the shuttle, based on bus hours in (3).
5. Capacity of the shuttle per hour, based on how many buses are operated in (1).
6. Number of rides that would be required for the shuttle to "break even" and cover operating costs, based on fares of \$1, \$2, \$3, or \$4 per person (round trip).

This is a preliminary estimate completed without a full scheduling of the service. Cost numbers would vary depending on bus hours actually operated, and also changes in operating costs.