



## I-94 Technology System with Future for MnPASS

The project adds capacity and managed lane technology to I-94 between Downtown St. Paul and Downtown Minneapolis. The project would establish eight permanent lanes between Highway 280 and I-35W, plus a high-speed bus-only shoulder in each direction between John Ireland Blvd. and Highway 280. Technology similar to the I-35W UPA project would be installed to manage each lane of traffic and manage the bus shoulder to allow buses to travel at 45 mph (rather than 35mph on traditional bus shoulder).

The project uses 21st century technology to improve mobility, increase safety, and enhance transit advantages. Managed lanes improve incident management by warning drivers of incidents in their lane and protecting emergency responders at the incident scene. The managed lane technology will expand Mn/DOT's speed harmonization program. Speed harmonization reduces crash risk and congestion by adjusting advisory speed limits in real time to smooth out traffic flow as conditions change. The program was just added to I-35W as part of the UPA program. Also included is lighted striping allowing the lane access points to be adjusted in real time as conditions warrant.

The above approach is an interim solution until a lane/shoulder in each direction can be converted to a MnPASS HOT lane/shoulder from St. Paul to Minneapolis. This first phase project would be designed to accommodate the future conversion. The future MnPASS HOT lane/shoulder conversion phase is dependant on finding a low cost solution for modifying the interchange at Highway 280.

The total project cost is approximately \$49 million and funding has been identified. Over half of project cost is for preservation of pavement.

Project	Est. Cost	Fund Source
I-94 Improvements between John Ireland Blvd. and I-35W	\$30M	<ul style="list-style-type: none"> <li>ARRA</li> <li>TH Transit Bonds</li> <li>Mn/DOT State Road Construction</li> </ul>
Managed Lane Technology	\$18 M	<ul style="list-style-type: none"> <li>TH Transit Bonds</li> <li>Destination Innovation Funds</li> <li>ARRA</li> </ul>
Transit and Signal Technology	\$1 M	ITS Funds
<b>Total Project Costs</b>	<b>\$49 M</b>	

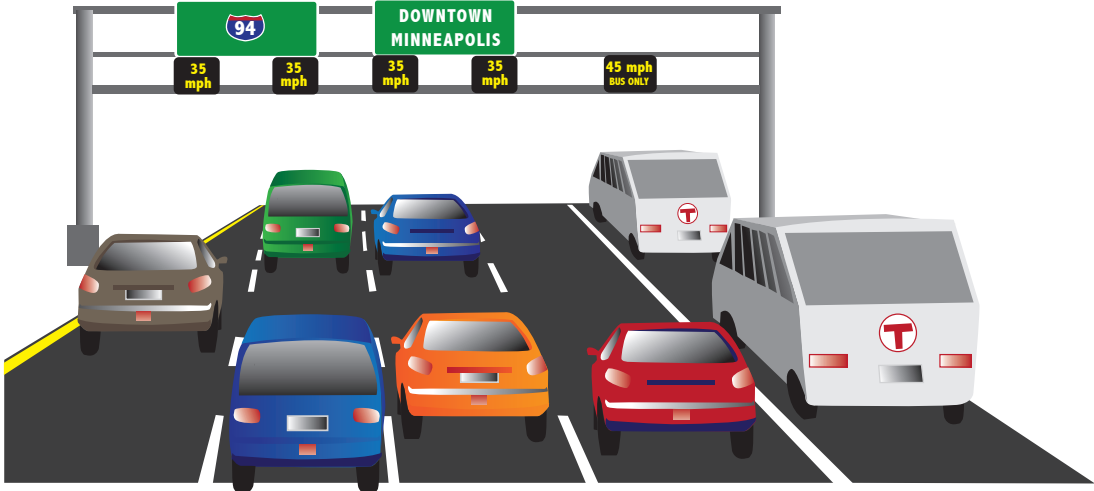
### For More Information

#### Contact:

The Minnesota  
Department of  
Transportation,  
Office of Communications  
651-366-4266

Project phasing will allow all stages of this project to be started in calendar year 2010, and completed by calendar year 2011.

### I-94 managed lanes downtown St. Paul to Highway 280



### I-94 managed lanes Highway 280 to downtown Minneapolis

