

BOARD OF COMMISSIONERS  
WASHINGTON COUNTY, MINNESOTA

RESOLUTION NO. 2004-070

DATE June 22, 2004 DEPARTMENT Transportation & Physical Development  
MOTION BY COMMISSIONER Hegberg SECONDED BY COMMISSIONER Stafford

**Resolution for Market Development for Recycled Asphalt Shingles**

**WHEREAS**, the Solid Waste Management Coordinating Board (SWMCB) Regional Solid Waste Master Plan includes an outcome which states, "the volume of non-municipal solid waste (non-MSW) will be reduced"; and

**WHEREAS**, an estimated 30% of the region's manufactured shingle scrap is currently recycled; and

**WHEREAS**, recycled manufactured shingle scrap is approved by the Minnesota Department of Transportation (Mn/DOT) for use in hot-mix asphalt, is available from at least two vendors, and has been successfully tested on a number of state, county, city and private road projects; and

**WHEREAS**, SWMCB-supported research, together with Mn/DOT studies, has found that using recycled manufactured scrap shingles in hot-mix asphalt can be a lower cost alternative than virgin materials for comparable quality asphalt; and

**WHEREAS**, the ongoing, recycled asphalt shingle market development efforts by the SWMCB, Mn/DOT and the Minnesota Office of Environmental Assistance (MOEA) have been successful in helping to accelerate the private asphalt industry investments in this environmentally beneficial business opportunity; and

**WHEREAS**, Washington County Transportation will allow the use of hot-mix asphalt derived from manufactured shingle scrap if produced according to Mn/DOT specifications; and

**WHEREAS**, several SWMCB member Counties have committed to utilizing language in their purchasing documents for hot-mix asphalt and bituminous paving services as a means to encourage the private sector to pursue further market development of recycled asphalt shingles; and

**WHEREAS**, SWMCB member Counties that use non-binding, no obligation statements within their request for bid documents are providing important market signal mechanisms with the implied expectation of lower cost products and services using shingle-derived hot-mix asphalt; and

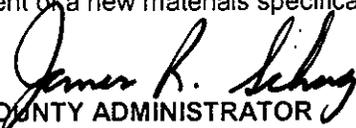
**WHEREAS**, Mn/DOT and MOEA have ongoing development efforts to research the feasibility of using "tear-off" shingle scrap and have preliminary results indicating that the additional quality control strategies can be successfully implemented for such post-consumer material feedstock sourcing and processing;

**THEREFORE BE IT RESOLVED** that Washington County will include statements of non-binding policy preference for shingle-derived hot-mix asphalt when it issues requests for bids; and

**BE IT FURTHER RESOLVED** that the Washington County Transportation Division continue to coordinate and collaborate with Mn/DOT, MOEA, and Minnesota Pollution Control Agency (MPCA) on initiatives to accelerate continued development of the shingle recycling industry by the private sector; and

**BE IT FURTHER RESOLVED** that Washington County encourages Mn/DOT to continue its research and development of a new materials specification that could allow "tear-off" shingles to be recycled into hot-mix asphalt.

ATTEST:

  
COUNTY ADMINISTRATOR

  
CHAIRPERSON, COUNTY BOARD

	YES	NO
HEGBERG	<u>X</u>	<u>      </u>
KRIESEL	<u>X</u>	<u>      </u>
PETERSON	<u>Absent</u>	<u>      </u>
PULKRABEK	<u>X</u>	<u>      </u>
STAFFORD	<u>X</u>	<u>      </u>