



## CITY OF MARSHALL AGENDA ITEM REPORT

<b>Meeting Date:</b>	Tuesday, May 28, 2019						
<b>Category:</b>	OLD BUSINESS						
<b>Type:</b>	ACTION						
<b>Subject:</b>	Project Z50-2019: Chip Sealing on Various City Streets – 1) Remove the Item from the Table.						
<b>Background Information:</b>	<p>Bids were received on May 9, 2019 for the above-referenced project. Two bids were received as shown on the attached resolution awarding contract.</p> <p>Attached is a map showing the proposed affected street segments.</p> <p>At the May 14, 2019 meeting, the City Council tabled action on the recommendation until additional information was provided concerning the performance of timely sealcoating.</p> <p>Attached is a summary from Mn/DOT regarding the benefits of sealcoating. They indicate that sealcoating may be done at any time in the pavement’s life. The purpose of sealcoating is to help protect the pavement from the deteriorating effects of sun and water.</p> <p>Sealcoats may be recommended immediately after a new surface, or 3, 5, or 7 years after the new surface has been placed. I discussed the frequency with other members of the City Engineers Association of Minnesota and Mn/DOT, and many communities have historically used a process of rotation of sealcoats 5-7 years after a new surface has been placed. District 8 is discussing the ideas of sealcoating immediately after new surfacing. The City of Marshall has typically used a 7-year period of time prior for placement of the sealcoat after a new asphalt surface has been placed (mill and overlay or reconstruction).</p> <p>I would recommend a 5-year maximum timeframe to apply sealcoats to a new surface thereby minimizing oxidation and surface cracking prior to sealcoating. This recommendation may cost the City a little more money but may be more effective in the preservation of new surfaces.</p>						
<b>Fiscal Impact:</b>	<p>The engineer’s estimate for the bituminous chip sealing project is \$164,472.</p> <p>\$175,200 has been included in the 2019 budget or funded as follows:</p> <table border="1" style="margin-left: 40px;"> <tr> <td style="text-align: center;">\$150,000</td> <td>Street Department 2019 budget for bituminous chip sealing on various city streets and will be funded under Account #101-60211-2227 (General Fund-Street Department-Other Repairs &amp; Maintenance)</td> </tr> <tr> <td style="text-align: center;">\$7,800</td> <td>Fire Department parking lot</td> </tr> <tr> <td style="text-align: center;">\$17,400</td> <td>Red Baron Arena &amp; Expo parking lot</td> </tr> </table>	\$150,000	Street Department 2019 budget for bituminous chip sealing on various city streets and will be funded under Account #101-60211-2227 (General Fund-Street Department-Other Repairs & Maintenance)	\$7,800	Fire Department parking lot	\$17,400	Red Baron Arena & Expo parking lot
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\$17,400	Red Baron Arena & Expo parking lot						
<b>Alternative/Variations:</b>	No alternative actions recommended.						
<b>Recommendations:</b>	1) that the Council remove the item from the table.						