

Hot-Mix Helps Wal-Mart Keep Prices Low

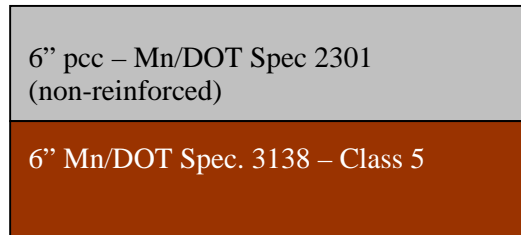
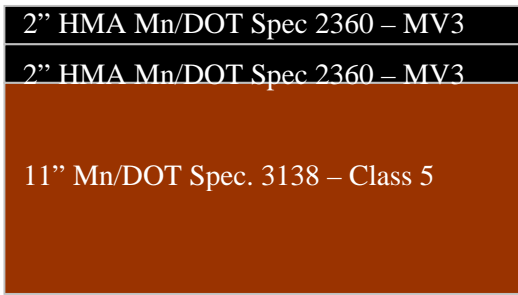
The successful lettings and awarding for the new Wal-Mart parking lots in Willmar and Austin, MN recently went alternate-design bid to determine the most cost effective pavement surface type. The results are clear that **Hot-Mix Asphalt (HMA) is the most cost-effective alternative.**



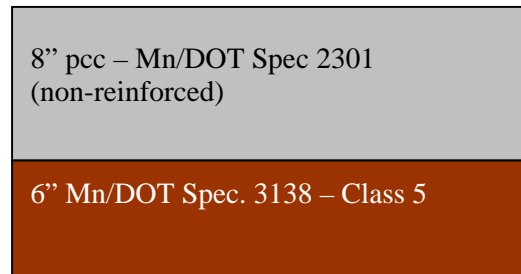
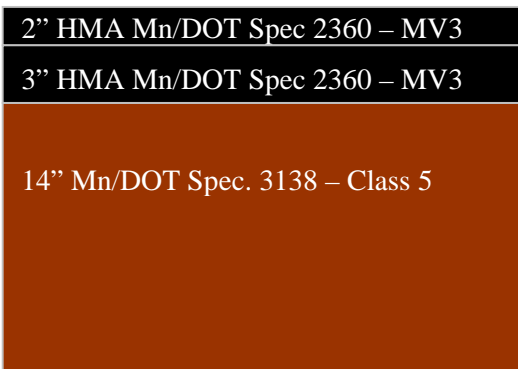
The projects were let separately with paving details for both “Standard Duty” and “Heavy Duty” asphalt pavement (HMA) and concrete pavement (pcc), see figures below. The HMA pavement was the lowest overall cost and pcc was twice as expensive, which amounted to a **savings of \$900,000 in Willmar and \$775,000 in Austin by selecting HMA.** The typical sections for the alternate-design bid parking lots of the Wal-Marts in Willmar and in Austin for HMA and pcc pavement alternates are shown on page 2.

Global demand on materials and energy and the need for economic stability in construction markets requires that specifiers maintain the greatest possible flexibility in the selection of materials while maintaining quality and performance of a pavement facility. A fair alternate-design bid with equivalent designs is a proven cost-effective tool to optimize dollars that takes into account the changing supply, demand, and price of materials. For more information, contact the Minnesota Asphalt Pavement Association (MAPA) or visit their web site at www.asphaltitbest.com.

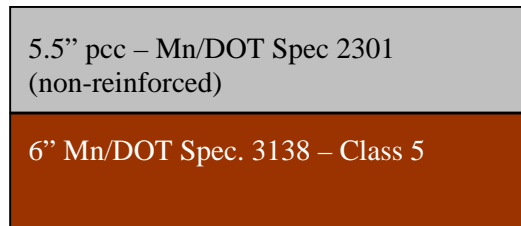
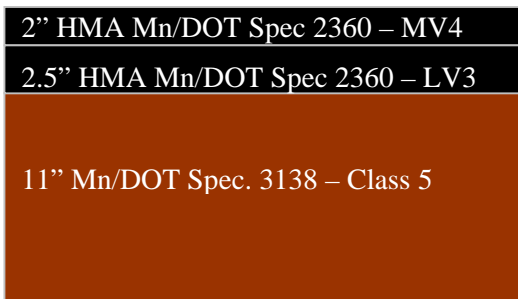
Typical sections for the alternate-design bid parking lots of the Wal-Marts in Willmar and in Austin for HMA and pcc pavement alternates.



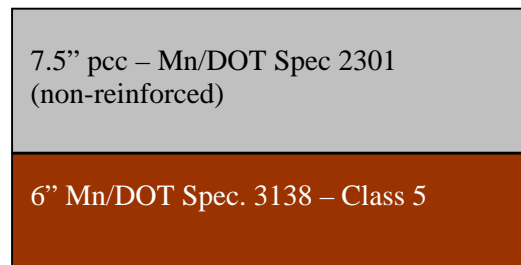
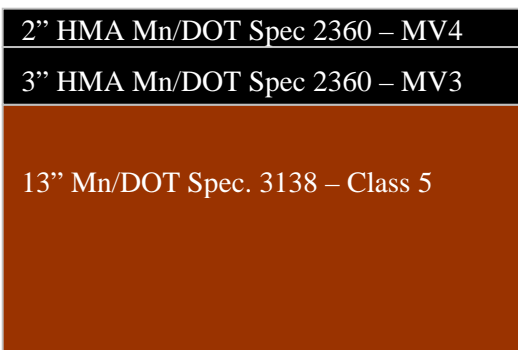
Willmar Wal-Mart Typical Sections for "Standard Duty" Pavement.



Willmar Wal-Mart Typical Sections for "Heavy Duty" Pavement.



Austin Wal-Mart Typical Sections for "Standard Duty" Pavement.



Austin Wal-Mart Typical Sections for "Heavy Duty" Pavement.

