val\=\sum \{val\cdash1, val\cdash2, ...\}: something that is intrinsically valuable, useful or desirable

2: ASPHALT BASE PAVEMENT a: longest lasting
(Deep-strength) asphalt pavements provide the greatest longevity of all pavement types. Asphalt base pavements with asphalt surfaces are intrinsically strong, having unsurpassable structural life. Detailed studies from Ohio, Kansas and Iowa show that asphalt pavements subjected to the heaviest of traffic conditions had no need for reconstruction or major repair. The value of asphalt base pavements is further demonstrated through these studies, noting they are less costly to maintain than concrete base pavements.

b: proven
"Serveability" is the measure of a pavement's ability to "serve" the motorist through good ride quality. Serveability is what the motorist values, and so should you.

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Proven Quiet - Research conducted by the National Center for Asphalt Technology for the Colorado Department of Transportation showed that asphalt base pavements with a commonplace dense-graded surface were quieter than concrete, even diamond ground concrete. In this study asphalt pavement was 3 dB(a) less than concrete which is about the same as doubling the distance one stands from the road to the listener, or cutting the sound level of serviceability and smoothness of all pavement types.

Concrete bases induce reflection cracking in asphalt surfaces but generate less reflective crack generation at the base asphalt layer. This is validated by University of Toledo research: "Overlays with asphalt base pavements perform best of all pavement types. The pavement surface has no need for reconstruction or major repair. Concrete base pavements tended to fail more from reflective cracking and needed overlays which reduce serviceability, thereby stealing years of pavement life. Asphalt overlays perform best when placed on asphalt base, which is validated by University of Toledo research: "Overlays on asphalt base pavements perform best of all pavement types."

Proven Speedy - Asphalt base pavements are hands down the pavement of choice for quick construction. Just ask any street from now till the future. Time at accomplishing their respective tasks, economical, non-intrusive to motorists, expedient maintenance processes; processes that are invaluable!

Asphalt technology asphalt base pavements push "sustainability" to dimensions out of reach by any other pavement type.

 HOW DO YOU DEFINE VALUE?

1: Pavement Life-Cycle Cost Studies Using Actual Cost Data – A Synthesis, by Jorge N. Villacres, Consulting Engineer, 2005
2: ASPHALT BASE PAVEMENT a: longest lasting
3: Evaluation of the Variation in Pavement Performance between Districts, by Chou, Tack, Yu, and Wielinski, University of Toledo
5: Survey Shows Ohio's Asphalt Paving Industry a Major Asset to State's Economy, Ohio Asphalt, Fall 2007

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ASPHALT BASE FOR STRENGTH AND PERFORMANCE