

# TODAY

**94%** of U.S. roads are surfaced with asphalt<sup>1</sup>

Asphalt contractors are in every community:

asphalt plants operate in the U.S. **≈ 3,500**

**400K** jobs connected to asphalt across the country<sup>2</sup>

# TOMORROW

**12+** year gain in service life from a thin asphalt overlay at an annualized cost<sup>3</sup> as low as

**25¢**  
PER SQUARE YARD

A 2 inch asphalt overlay can improve IRI by<sup>5</sup> **100** in / mi

When it comes to long-term **value**

# ASPHALT PERFORMS

# FUTURE

**18 YEARS** is the average service life for new asphalt pavements<sup>6</sup>

**∞**  
INFINITE

The structural life of a properly designed, constructed and maintained Perpetual Pavement.<sup>7</sup>

Asphalt's superior performance and value make it today's pavement of choice across America. With local producers in every community, road owners have a competitive marketplace for the smooth, long-lasting pavements drivers demand. Asphalt is the best choice for value and performance, today, tomorrow and into the future.



<sup>1</sup>FHWA (2017), Highway Statistics 2016, Table HM-12, Office of Highway Policy Information, Federal Highway Administration, Washington, D.C.

<sup>2</sup>APA (2015), Jobs in the Asphalt Pavement Industry (IM-44), Asphalt Pavement Alliance, Lanham, Maryland.

<sup>3</sup>McGhee, K.K., & J.S. Gillespie (2006), Impact of a Smoothness Incentive/Disincentive on Hot-Mix Asphalt Maintenance Resurfacing Costs (Report No. FHWA-VTRC-06-R26), Virginia Transportation Research Council, Charlottesville, Virginia.

<sup>4</sup>Costs can range up to \$120 per yd<sup>3</sup>/year. Peshkin, D., K.L. Smith, A. Walters, S. Krstulovich, J. Mouthrop, & C. Alvarado (2011), Guidelines for the Preservation of High-Traffic Volume Roadways (SHRP 2 Report S2-R26-RR-2), Transportation Research Board of the National Academies, Washington, D.C.

<sup>5</sup>TRB, National Research Council, Washington, D.C.

<sup>6</sup>FHWA (2010), Reducing Roughness in Rehabilitated Asphalt Concrete (AC) Pavements (Report No. FHWA-RD-10-149), Turner-Fairbanks Highway Research Center, Federal Highway Administration, McLean, Virginia.

<sup>7</sup>Robbins, M.M., & N.H. Tran (2018), Review of Initial Service Life Determination in Life Cycle Cost Analysis (LCCA) Procedures and in Practice (NCAT Report 18-02), National Center for Asphalt Technology, Auburn, Alabama.

<sup>8</sup>Newcomb, D.E., J.R. Willis, & D.H. Timm (2010), Perpetual Asphalt Pavements: A Synthesis (IM-40), Asphalt Pavement Alliance, Lanham, Maryland.



**ASPHALT PAVEMENT ASSOCIATION OF MICHIGAN**

**800.292.5959 / www.apa-mi.org**