

WALLER COUNTY ROAD AND BRIDGE DEPT.



Ross McCall, P.E.
County Engineer

To: Waller County Commissioners Court

From: Ross McCall, County Engineer

Re: Amendment to Subdivision and Development Regulations: Engineering Design Standards – Wearing Surface – Hot Mix Asphaltic Concrete (HMAC)

Item 8 on the agenda for December 6, 2023 is to amend the Subdivision and Development Regulations to modify road construction criteria. The amendment, if approved, would modify Appendix A, Section 8.1 – Hot Mix Asphaltic Concrete (HMAC):

- 8.1.1 Local streets require a minimum two (2) inch layer of HMAC Type D. Compact to 95% Standard Proctor density. Aggregate used in the mix shall be on the TxDOT Quality Monitoring Schedule. The County Engineer's Office shall be provided with a copy of the HMAC design.
- 8.1.2 Collector and Arterial streets require a minimum of three (3) inches of HMAC Type D; to be placed in two (2) lifts. Compact to 95% Standard Proctor density. Aggregate used in the mix shall be on the TxDOT Quality Monitoring Schedule. The County Engineer's Office shall be provided with a copy of the HMAC design.
- 8.1.3 Paving material shall be applied only as directed in the TxDOT Manual.
- 8.1.4 Subgrade – applied in accordance with A6.
- 8.1.5 Base Material – applied in accordance with A7.
- 8.1.6 The asphalt surface must be inspected and approved by an Independent Testing Laboratory and a certified copy given to the County Engineer's Office for approval by the County Engineer.