

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 - Subgrade

Item 5 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 6 – Subgrade:

- 6.1 The preparation of the subgrade shall follow good engineering practices as directed by the Design Engineer. When the P.I. is greater than 20, then a sufficient amount of lime shall be in accordance with TxDOT Item 260 – Lime Treatment for Materials Used as Subgrade (Road Mixed) and Item 264 – Lime and Lime Slurry until the P.I. is less than 20. Subgrades such as sand, with low plasticity (P.I. less than 5) shall be cement stabilized. The subgrade will be prepared and compacted to 95% Standard Proctor density. The subgrade shall be watered, rolled and bladed to a depth of ten (10) inches before any flexible base material is placed on it.