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# Memo

**To:** Hidalgo County Commissioners' Court  
**From:** Samuel D. Maldonado, P.E., R.P.L.S.  
**Date:** September 27, 2022  
**Re:** Hidalgo County Street Inventory Project

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These are the results and findings of the Hidalgo County Street Inventory Project. Please see below for a brief status and the accompanying PowerPoint presentation. At your discretion, we can present the GIS web-based portal for visualization. Should you have any questions, please do not hesitate to reach out to me.

1. Schedule:

- A. Total of miles inspected within Hidalgo County: 1,872.24 miles.
- B. Total Surface Area of 260,287,551 S.F.
- C. 71% of all county roads are paved.
- D. 21% of all county roads are caliche.
- E. 8% of all county roads are natural soil.

2. Scope:

- A. Gathered all field data to assess the street conditions and inventory all roadway defects and street elements within the right-of-way.
- B. Classified the conditions of the roads based on defects and provided a Pavement Condition Index (% number) to rate the condition of the road from 0 to 100.
- C. Created and updated a centralized Database (Microsoft Access) with all Field, Historical & Financial information pertaining to County Roadway Infrastructure.
- D. Created a Master GIS Map that reflects the existing condition of all County Roadway Infrastructure.

- E. Created Individual Databases & GIS Maps for each of the 4 Precincts to allow easier management of Roadway Infrastructure within their Precinct jurisdictions.
- F. Updated and Submitted a GASB -34 Report.