



December 12, 2012

Mr. Steve Stratton, Director
Gila County Public Works Division
745 North Rose Mofford Way
Globe, Arizona 85501

**RE: Recommendation to Install New Regulatory Traffic Control Signage
Cline Boulevard & Ewing Trail**

Dear Mr. Stratton:

C.L. Williams Consulting Inc. (CLW) has completed an evaluation of the horizontal and vertical alignments of Cline Boulevard and Ewing Trail, within the Tonto Basin area, from A-Cross Road to Greenback Valley Road.

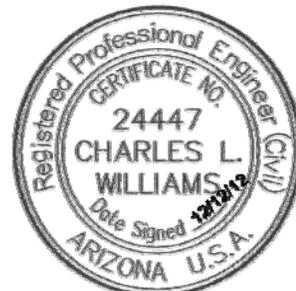
The information contained within the enclosed plans, dated December 12, 2012, reflects our recommendations to install new regulatory traffic control signing within the limits of the project based on the results of the evaluation. The evaluation of the horizontal alignment was performed using standard engineering practices that consider: surface type (i.e., friction coefficients), curvature of the roadway and surface cross slope or superelevation. Evaluation of the vertical alignment considered stopping and passing distance based on the rate of grade change. Both evaluations were done in accordance with guidelines provided within the *A Policy on Geometric Design of Highways and Streets*, 2004 Edition, American Association of State Highway and Transportation Officials. This guideline is typically employed for transportation systems within the State of Arizona.

The signage recommended herein is in accordance with the guidelines and practices as included within *Manual on Uniform Traffic Control Devices for Streets and Highways*, 2009 Edition, and other standards issued or endorsed by the Federal Highway Administration. Accordingly, the State of Arizona has adopted the *Manual of Uniform Traffic Control Devices* (MUTCD) developed by the National Joint Committee on Uniform Traffic Control Devices and published by the Federal Highway Administration, with some exceptions, as the official standard for use on all streets and highways open to public travel. This is described in A.R.S. §28-641.

If you have any questions or comments please feel free to call me at (928) 367-2248.

Sincerely,
C.L. Williams Consulting Inc.

Chuck Williams, PE
Principal



Expires 12/31/2013