



PLANNING
ENGINEERING
SURVEYING

& ASSOCIATES, INC.

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February 23, 2010

374GH AFC/PRO

Norm Davis, P.E.
Public Works Director
Town of Prescott Valley
7501 E. Civic Circle
Prescott Valley, AZ 86314

Dear Mr. Davis:

RE: DESIGN & CONSTRUCTION PERIOD ENGINEERING SERVICES PROPOSAL
Glassford Hill Road ACRFC Project

The Town plans to provide an Asphalt-Rubber Asphaltic Concrete Friction Course (AR-ACFC) to Glassford Hill Road between State Route 69 (SR69) and Long Look Drive. The project will be done this spring or early summer to coincide with the planned placement of AR-ACFC along the stretch of Glassford Hill Road between Long Look and SR89A. Dava & Associates, Inc. is pleased to provide this proposal for design and construction period engineering services for the improvements as follows:

DESIGN PERIOD: Dava & Associates Inc. in conjunction with our sub-consultant, Engineering Testing Consultants (ETC), will prepare construction plans and specifications for the placing of a rubberized friction course to Glassford Hill between SR69 and Long Look Drive. The following listed work items are anticipated:

CONSTRUCTION PLANS, SPECIFICATIONS & ESTIMATES OF PROBABLE CONSTRUCTION COST: Dava & Associates, Inc. will prepare project construction plans, details, specifications, and estimates of probable construction cost for the project. Geotechnical engineering for the AR-ACFC mix design will be provided by ETC once a contractor is selected. Utility relocation is not anticipated, but we will coordinate with the local utility companies to apprise them of the pending improvements. We do not anticipate the overlay to impact intersection traffic signal loops. We feel that traffic control plans will not be necessary for this project but rather will require the Contractor to submit their plan for review. Construction plans will be coordinated with and submitted to Town Staff for review at 95% and 100% levels of completion. We will make the necessary adjustments as recommended, prepare and seal final plans and specifications for bid.

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CONSTRUCTION PERIOD: Dava & Associates will assist the Town in obtaining, and evaluating contractor bids and ultimate award of the project improvements. Construction control surveys will be completed for the project limits and pavement marking. We anticipate control surveys for pavement marking will be done under traffic conditions and will require additional care to complete the task. No curb replacement or drainage improvements are anticipated, therefore staking of these items is not included. We will assist the Town in evaluating Contractor submittals including their traffic control plan. Part-time construction observation will be provided to monitor conformance of the improvements to the intent of the project plans and specifications. For such a relatively short duration project, we recommend ETC provide all of the quality control and assurance testing. Contractor payment requests will be evaluated for payment recommendations. Construction record documents will be prepared and provided to the Town. Quality Assurance materials testing will be performed and completed by ETC as a sub-consultant to Dava & Associates. This proposal does not include allowance for full time and/or multi-personnel observation and monitoring of construction activities.

The following estimated maximum fees requested for the above described scope of services are based upon the attached staff hour estimate:

Design Period	\$ 12,760.00
Construction Period	\$ 13,100.00
ETC - Geotechnical Sub-Consultant	\$ 3,168.00
Reimbursable	\$ 330.00
TOTAL:	<u>\$ 29,358.00</u>

The above scope of services will be provided on a not to exceed basis in accordance with our Town Engineer contract. If this proposed scope of services meets with your approval, we are ready to proceed at your direction.

Should you have any questions, please contact me.

Sincerely,

DAVA & ASSOCIATES, INC.



Gordon Bowers, P.E.
Civil Engineer

Encl.