



December 5, 2016

Mr. Peter Sewczwicz, PE
Director of Public Works
City of Alpharetta
1790 Hembree Road
Alpharetta, GA 30009

Re: Request for Proposal
Old Milton Parkway / SR 120 Widening - Concept
GA-400 to Kimball Bridge Road

Dear Peter,

The following technical proposal and fee estimate is based on our meeting on November 17, 2016 at the City of Alpharetta. Based on our discussion, AECOM will evaluate a concept to widen Old Milton Parkway from four lanes to six lanes for a distance of 2.5 miles between GA-400 and the City Limit at Kimball Bridge Road. At the City's request, the widening will be evaluated on the outside by connecting up the existing right turn lanes; this will leave the existing median space available for landscaping. Along this stretch of Old Milton Parkway is the busiest intersection in the City of Alpharetta – North Point Parkway. Two alternatives will be evaluated at this intersection – a grade separation and a conventional intersection similar to what is currently out there. The concept tasks needed for this project are further described later in this document and the final deliverable will be an architecturally rendered concept display on aerial. We understand that the City may pursue state funding for the future “design” phases of this project, but the current concept/scoping phase is locally funded.

Task 1 – Traffic Analysis

AECOM will conduct sufficient existing traffic counts along the corridor to validate the proposed improvements, but will not conduct the counts to Georgia Department of Transportation (GDOT) specifications. There was some discussion with the City to perform traffic counts to a GDOT level of quality; however, there is significant risk that GDOT will require additional counts since they are not involved at this time to review the work. We recommend starting off with a lower level of traffic counting and analysis that can be built upon as the project progresses as this is likely a better use of the City's funds. To validate the proposed six-lane section, we would suggest tube counts be conducted once on each side of the North Point Parkway intersection, which is the busiest cross street. And we would suggest full turning movement counts at the intersection with North Point Parkway to allow for proper determination of ramp widths during the analysis of the grade separation. In addition to the traffic counts, AECOM proposes to perform a crash analysis to further validate the need and location for dedicated right turn lanes. The crash analysis will utilize detailed crash reports and will end with the development of crash diagrams for each critical intersection. The final deliverable for the traffic analysis task will be a memo-style report briefly summarizing the methodology and key findings.

Task 2 – Environmental Screening

An environmental screening will be conducted during this concept phase. This screening would consist of field surveys for history and ecology (jurisdictional waters and protected species habitats) as well as an evaluation of the local community, potential need for relocations, and potential for construction impacts on the local roadway/greenway users. A desktop screening for archaeological sites will also be conducted. Based on current knowledge, the crossing at Big Creek and the Big Creek greenway are resources identified along the corridor. Knowing the locations of resource boundaries will assist in developing a concept that demonstrates

avoidance and minimization of potential impacts. A brief memo will be prepared summarizing the methodology and key findings of this environmental screening.

Task 3 – Roadway Concept Design

AECOM's roadway design group will develop a concept to widen Old Milton Parkway from four to six lanes between GA-400 and the City Limit at Kimball Bridge Road. The widening will be evaluated on the outside by connecting up the existing right turn lanes in order to preserve the existing grassed median width for landscaping. The City has requested that curb and gutter be proposed along the inside edge in lieu of the existing flush shoulder. The need for any new right turn lanes will be validated through the traffic analysis. AECOM will work closely with the City on any preferential shoulder elements such as a multi-use trail or enhanced sidewalk. The concept will be developed on GIS data provided by the City. The concept development will evaluate the horizontal design components, but will not evaluate vertical changes in the profile, except for the grade separation at North Point Parkway. Cross sections will not be developed for the entire corridor. They will only be utilized in critical situations to identify the location and rough dimensions (height & length) of any proposed walls. The concept will determine width requirements for the bridge over Big Creek to accommodate the proposed widening, but will not evaluate the hydraulic opening or any other elements such as bent spacing, bridge length, etc.

Two alternatives will be evaluated at the North Point Parkway intersection. The first alternative will consider a conventional intersection similar to what is currently out there. The second alternative will consider a grade separated interchange with full access ramps. For the grade separated option, concept-level profiles will be developed for the roadways to verify vertical clearances and ramp lengths/tie-ins. Full cross sections will not be developed, but critical cross sections may be used to identify wall locations.

The City of Johns Creek has a design project underway for improvements along Old Milton Parkway to the east of Kimball Bridge Road that will need to be coordinated with our concept. T.Y. Lin is performing the design on the adjacent section. Our fee includes scope for coordination efforts.

The final deliverable will be an architectural-style rendering prepared by our Landscape Architecture group as noted below. A concept-level opinion on probable cost estimate will also be developed and provided to the City for their use moving forward.

Task 4 – Landscape Architecture Concept Design

AECOM will prepare one hand-colored rendering at 1" = 40' scale along with a typical section to depict the proposed concept along the corridor study limits. The rendering will be based on the roadway design efforts and will not proceed until a final concept has been accepted by the City. AECOM will provide one roll plot of the colored rendering as well as a pdf file. Our fee includes addressing one round of comments as needed.

Excluded from the scope of services

The following items are excluded from the scope and fee.

- Field survey and property resolution
- Hydraulic and/or hydrologic services
- Drainage design
- Any activities typically associated with preliminary or final design and not listed above
- Geotechnical services
- Pavement rehabilitation plan

- Structural design for any needed walls or other structures
- GDOT/Federal Highway approval (None Anticipated)
- NEPA services/documentation (None Anticipated)
- Architectural/building design (None Anticipated)
- Irrigation design
- Public meetings and council presentations
- Right-of-way acquisitions services
- Subsurface Utility Exploration (SUE) services are excluded
- Construction administration
- Advertisement of stakeholder meetings
- Facility rental costs
- Public surveys
- 3D animation or videos
- Entrance monument or fountain design
- Park design

Project Management

Will Sheehan, P.E. will be the project manager and point of contact for this project. The final deliverable concept display is expected to be delivered approximately four (4) months after receipt of Notice to Proceed (NTP). Project invoices will be submitted to the City on a monthly basis. Our fee includes attendance at up to two (2) meetings.

Project Fees

AECOM will provide the services outlined above for the lump sum fee shown below and itemized by task.

Task 1: Traffic Analysis	\$ 7,920
Task 2: Environmental Screening	\$ 11,690
Task 3: Roadway Concept Design	\$ 21,220
Task 4: Landscape Architecture Concept Design	\$ 12,310
TOTAL LUMP SUM FEE	\$ 53,140

We look forward to continuing quality work with the City of Alpharetta. Please feel free to contact Will Sheehan at 678.808.8962 or by email to william.sheehan@aecom.com should you have any questions.

Thank you.



Garrick Edwards, P.E.
Principal



Will Sheehan, P.E.
Project Manager