

City of Dunwoody IWQ 16-06
North Peachtree Road Traffic Calming Design Services

1. BACKGROUND

Following the process outlined in the city's *Traffic Calming Policy*, the City of Dunwoody wishes to obtain traffic calming design services for North Peachtree Road from Mt Vernon Road to Davantry Drive. The neighborhood has obtained a petition with signatures from 20% of the surrounding affected residents in support of initiating further traffic calming studies. The city has obtained a speed study that shows that this portion of the road meets the city's minimum requirements for 85th percentile speeds and roadway type to be eligible for a traffic calming study. The intent of the project is to encourage appropriate vehicular speeds along this neighborhood street.

The city's *Traffic Calming Policy* may be found at this link:

<http://dunwoodyga.gov/ckeditorfiles/files/Public%20Works/Traffic%20Calming%20Policy.pdf>

2. GENERAL SCOPE OF WORK

- 2.1 It shall be the Consultant's responsibility to design, prepare, assemble and coordinate the necessary bid and construction documents to complete the project. The completed project documents must comply with all applicable local, state, and federal environmental laws and regulations.
- 2.2 The design must comply with the latest Americans with Disabilities Act (ADA) requirements
- 2.3 At a minimum, the latest editions and applicable addenda of the following standards shall be utilized for the project:

Georgia Department of Transportation (GDOT) Design Policy Manual

Georgia Department of Transportation (GDOT) Standards, Details, and Specifications

Applicable AASHTO Standards, Manuals, and Design Guides

Manual on Uniform traffic Control Devices (MUTCD)

Georgia Soil and Water Conservation Commission Manual for Erosion and Sediment Control in Georgia

City of Dunwoody Design Requirements for Transportation Infrastructure Projects

City of Dunwoody Code of Ordinances

3. SPECIFIC SCOPE OF SERVICES

- 3.1 The requirements and process outlined in the city's *Traffic Calming Policy* shall be followed.
- 3.2 Consultant is to identify appropriate passive and active traffic calming measures and installation locations along this corridor. These installations must be appropriate for the context of the specific location. Considerations shall be made for existing infrastructure

and features including, but not limited to, proximity to driveways, intersections, and property lines; drainage and sight distance issues; and aesthetics. Incorporating pedestrian crossings into the design as appropriate is encouraged.

- 3.3 The consultant will prepare a preliminary layout and cost estimate of the proposed passive and active measures that will be distributed to the community for additional petition signatures (65% required). This deliverable is to include a (PIOH-style) layout/map of the overall design as well as a plan sheet set shown atop aerials. These items are to include the appropriate level of details to convey the proposed design aspects to the community.
- 3.4 As part of the Traffic Calming process, public involvement is required. The consultant shall attend one neighborhood meeting to present the proposed concept. Consultant shall provide responses to written questions and/or comments received from the public and make alterations to the plan as directed by city staff.
- 3.5 Traffic calming elements are intended to be constructed within the existing curb-to-curb width. The need for acquisition of right of way and/or easements is not anticipated.
- 3.6 Once plans have been prepared, a field plan review is to be conducted.
- 3.7 During the field plan review if any potential utility conflicts are identified, the consultant shall coordinate with the utility owners.
- 3.8 The consultant shall provide a final set of construction plans and bid documents for this project. This package is to include a final estimate of anticipated costs and quantities and an updated (PIOH-style) layout/map of the final design.
- 3.9 This project and will require Signing and Marking Plans for the length of the project.
- 3.10 The final plans are to include specialized standards and/or details. This includes any non-GDOT standards and details as well as any GDOT standards and details for traffic calming measures specified in the plans.
- 3.11 Based on the limited disturbance to the sites during construction, it is not anticipated that a hydrology study will be needed for this project. However, the consultant must be prepared to show that the proposed traffic calming measures do not create an adverse effect within the roadway or on surrounding properties during the 10-year event. (i.e. The measures shall drain appropriately and not increase gutter spread beyond acceptable widths.)
- 3.12 Based on the limited disturbance to the sites during construction, it is not anticipated that a full set of erosion control plans in needed. However, the consultant shall incorporate sufficient quantities for BMPs into the estimate. The consultant shall also identify any sensitive areas along the corridor (i.e. state waters, etc.) and provide a layout of appropriate BMPs at these specific areas.
- 3.13 The city intends for the majority of the design to use available GIS data and aerial imagery for the design. No survey needs are anticipated.
- 3.14 The design shall be prepared by or under the direct supervision of licensed design professionals. A Professional Engineer licensed to practice engineering in the State of Georgia, shall seal the final plans. Their seal on the drawings shall represent certification that the design meets all applicable codes, is of good engineering practice and standards, and includes no Design Exception or Design Variances.
- 3.15 Provide support to include answering questions and providing clarifications during the bidding and construction phase.

3.16 Upon approval of the Final Design Documents, all original drawings, specifications, CADD files, field notes, computations, etc. shall become the property of the City of Dunwoody. Final design computations shall be neatly and clearly prepared and presented in a .pdf format and submitted to the City.

3 PROPOSAL FORMAT

- 4.1 Cost proposals should provide a brief description of qualifications, representative project experience, availability, and identification of the key project personnel.
- 4.2 Cost assumptions should be clearly outlined.
- 4.3 Should the submitter find there to be tasks not included in the above scope that would benefit the city during the design phase of this project, they are encouraged to state these additional tasks within their proposal. Provide the fee for any additional suggested task as well as a brief statement of their benefit.
- 4.4 Brevity is appreciated. A five page maximum is requested.
- 4.5 Any questions should be directed to John Gates, Purchasing Manager at 678-382-6750 or john.gates@dunwoodyga.gov.
- 4.6 Proposals should be submitted via emailed .pdf to John Gates no later than 2:00pm, March 18, 2016.