



June 29, 2010

Subject: 2010 GPTQ Preconstruction Design Competition

Greetings:

Although the 2010 Georgia Partnership for Transportation Quality (GPTQ) workshop in Athens has been cancelled (again) this year, the Department sees great benefits in recognizing the excellent transportation work produced for the State of Georgia. In keeping with this tradition, attached is the entry application for the 2010 GPTQ Preconstruction Design Competition. This year's honors will be presented during the Transportation Summit Conference to be held at the Georgia World Congress Center on October 27, 2010. I encourage each of you to give serious consideration to this competition since participation in past years has not been as good as it could have been. There have been many inspiring transportation projects designed in Georgia over the year and this is a great opportunity to recognize those responsible for this effort. We look forward to seeing more recommendations this year and wish all the nominees the best of luck!

Sincerely,

A handwritten signature in blue ink that reads "Ben Buchan".

James B. (Ben) Buchan, P.E.
Co-Chairperson, GPTQ Steering Committee

JBB:CAH
Attachment

GEORGIA PARTNERSHIP FOR TRANSPORTATION QUALITY



The Georgia Partnership for Transportation Quality is a continuation of the partnership that began in GQI and continues with high quality solutions to Georgia's transportation needs. These awards are intended to recognize the creativity, sensitivity and command of technical and organizational skills necessary to forge such solutions.

PRECONSTRUCTION AWARDS COMPETITION

2010

Eligibility

Transportation projects in Georgia, by any firm or public agency, demonstrating project based transportation planning and design expertise and commitment to the principles to which the Georgia Quality Initiative is dedicated. Design projects should have been constructed and open to traffic for not more than three years, except as noted herein.

The Awards

Awards may be made to the best projects nominated in each category. These categories have been selected as those that best embody the ongoing evolution of innovation and quality in serving the transportation needs of Georgia. Each award will recognize only the firm and/or agencies named in the nominations.

Grand Award

At the judges' discretion one project entry may be selected for recognition as Grand Winner. This award will be made for an outstanding project that is judged especially worthy by the judges.

Judging

The judging will be based on total engineering excellence in the criteria established for each Category of Entry. In addition each entry will be judged for excellence based on the General Criteria listed below, as appropriate:

General Criteria:

- Customer Satisfaction
- Sustainability
- Constructability
- Cost Effectiveness
- Environmental protection
- Minimal Inconvenience to Transportation Facility Users
- Aesthetics
- Completeness and Accuracy of Plans

Winners in each category will be notified by October 15, 2010 and awards will be presented during the Transportation Summit Conference at the Georgia World Congress Center on October 27, 2010.

Categories of Entry

Nominations may be for portions, aspects, or stages of a project worthy of recognition.

1. Innovative Solution to a Design Problem/Best Use of New Products

This award recognizes innovation and emphasizes new design solutions to engineering problems with broad prospects for future application. Such innovation may include the use of new products or functioning components.

2. Design of an Alternative Mode Transportation Facility

This award recognizes the importance of providing for transit, pedestrians, bicyclists and other forms of mobility for people and freight. Nominations should be made for designs that provide for maximum efficiency, enhanced linkage and flexible multi-usage of transportation systems.

3. Environmental Protection, Preservation, Restoration and/or Enhancement

Recognizes the value of protecting natural and historic resources and/or aesthetics as elements of Georgia's quality of life. Should demonstrate solutions to transportation needs that embrace these concerns. Nominations should be made for constructed project components. Landscaping, archaeological remediation and general enhancement designs are examples for consideration under this category.

4. Context Sensitive Design Including Public Participation Plan

This award recognizes the important role the planning process plays in determining the best overall solution. Nomination should be made for processes which not only achieved meaningful public involvement via innovative techniques, but which developed context sensitive transportation solutions. Projects in this category do not have to be built but should have been completed and accepted by the appropriate governmental agencies.

5. Bridge/Structural Design

This award recognizes structures that economically meet the requirements of the site, are aesthetically pleasing and are appropriate for the surrounding environment. Consideration is also given to structures that present innovative and economic solutions to unique design challenges specific to the site or structure. The constructability of the solution is an important consideration for award.

6. Traffic Safety and/or Intersection Design

This award recognizes projects that improve existing roads and intersections to enhance safety for the motoring public and/or pedestrians.

7. Complex Urban Design

This award recognizes large projects in densely developed areas that may include a combination of roadway and structural work to fit within an urban environment while handling large volumes of traffic.

8. Rural Project Design

This award recognizes projects in rural parts of the state that were sensitive to manmade and natural resources that occur along their routes and/or played a major role in assisting local communities in achieving their economic development objectives. Many GRIP projects could fall into this category.

9. Airport Design

This award recognizes the important contribution of general aviation airports to the quality of life in Georgia and the role of the DOT and local governments in providing for enhanced airport facilities.



Criteria for Judging



1. Innovative Solution to a Design Problem/ Best Use of New Products

1. Innovative Approach to Design
 - Problem solving methodology
 - Teamwork/Communications
 - Innovative Use of Methods or Materials

2. Quality

- Customer Satisfaction
- Sustainability
- Cost Effectiveness
- Constructability
- Minimal Negative Effect on the Environment/Aesthetics
- Completeness and Accuracy of Plans

2. Alternative Mode Transportation Facility

Criteria to be used to judge nominations are:

1. Security and Safety
2. Design Features
3. Innovation in Use/Reuse of Materials or Methods
4. Connectivity/Integration With Other Modes
5. Aesthetics
6. Maintainability and Durability

3. Design for Environment Protection, Historic Preservation and/or Enhancement

1. New Application of Existing techniques/Originality/Innovation
2. Value to Advancing the Georgia Quality Initiative
3. Social/Environmental Considerations
4. Complexity
5. Meeting and Exceeding Owner's/Client's Needs

4. Context Sensitive Design/Public Participation

1. Successfully encouraged public participation
2. Facilitated cooperative input from reviewing agencies
3. Evidenced coordinated planning with local interests
4. Developed solutions to avoid and minimize impacts

5. Bridge/Structural Design

1. Economic/Innovative Approach to Design and Construction Challenges
2. Constructability
3. Innovative Use of Methods or Materials
4. Environment/Aesthetics

6. Traffic Safety or Intersection Design

1. Successfully reduced accidents and improved safety
2. Utilized cost effective techniques
3. Effectively maintained traffic and local access during construction
4. Developed solutions to avoid and minimize impacts

7. Complex Urban Design

1. Encouraged public participation
2. Facilitated cooperative input from reviewing agencies
3. Successfully integrated into the surrounding land uses
4. Developed solutions to avoid and minimize impacts

8. Rural Project Design

1. Successfully encouraged public participation
2. Facilitated economic development
3. Evidenced coordinated planning with local interests
4. Developed solutions to avoid and minimize impacts

9. Airport Design

1. Successfully improved safety and/or capacity
2. Utilized cost effective techniques or designs
3. Evidenced coordinated planning with local interests
4. Developed solutions to avoid and minimize impacts

**GEORGIA PARTNERSHIP FOR
TRANSPORTATION QUALITY
PRECONSTRUCTION
COMPETITION
APPLICATION FOR ENTRY**

1. Name of Project

2. Location

3. Project Owner & Contact Person

4. Applicant Name and Address

Phone# _____

5. Contact Person and e-mail address (Please Print)

6. Category of Entry (Check One)

- 1. Innovative Solution
- 2. Alternative Mode Plan
- 3. Environmental Enhancement
- 4. Context Sensitive Design & Public Participation
- 5. Bridge/Structural Design
- 6. Traffic Safety/Intersection Design
- 7. Complex Urban Design
- 8. Rural Project Design
- 9. Airport Design

7. Enclose the following:

a) PowerPoint Presentation

Presentation should provide digital images of the following:

- Existing Conditions (if applicable and appropriate)
- Construction (if available and appropriate)
- Overall and detailed areas of the finished project

b) Narrative

Four copies of no more than ten, double-spaced, typewritten pages describing the project shall accompany each entry. This description should address the Judging Criteria listed above and may include graphs, charts, calculations, etc. to document the criteria. Key the narrative to the PowerPoint presentation slides as appropriate.

Narrative to discuss the following:

Purpose of the Project

Requirements, scope and design philosophy and intent.

c) Role of Applicant

Describe the submitter's role of leadership and involvement, role of the client, public, consultants and/or contractors

Describe The Existing Conditions

What investigations of the existing conditions took place?

Public Involvement

Summarize the coordination efforts with concerned agencies and/or public involvement

Where applicable, what has been community reaction to the completed project? If any, describe. Explain the effect of the project on the public's perception of Georgia's transportation system and the relationship of the project to its context or surroundings. Has the project advanced the state of the art?

Special Factors

Explain why the project is unique or special, plus any unusual problems, new techniques or budgetary constraints encountered. Identify design and/or construction problems faced and innovative solutions. For projects where aesthetics were important, what were the design considerations? Were there any particular inspirations or contexts to which the design responded?

Constructability

What was the completed cost vs. budget? Were there any significant changes made during construction? What was the actual completion date vs. the original schedule?

Post-Construction Evaluations

Describe what monitoring of the installed project has taken place. How has the project met its success criteria?

d) Other Documentation

Any other documentation, which supports the criteria to be considered and not mentioned above should also be submitted. This may include architectural renderings, testimonials from users and members of the community, newspaper articles, etc.

The entry should present all information submitted in a clear and concise manner. A submittal, which includes superfluous and/or inappropriate or insufficient material, may be deemed as unsuitable for consideration for award.

8. Private engineering firms, enclose your check in the amount of \$50. Make check payable to:

GPTQ Design Awards Committee

Note: The entry fee is waived for entries made by public agencies.

9. Mail the completed application form, required enclosures and entry fee (to arrive September 15, 2010) to:

**Mr. Charles A. (Chuck) Hasty, P.E.
Georgia Department of Transportation
Office of Roadway Design
One Georgia Center
600 W. Peachtree St., NW
Atlanta, Georgia 30308**

Award-winning entries will remain the property of the Georgia DOT. Submittals that do not receive an award may be picked up at GDOT. Participants are encouraged to resubmit entries in the following year's award program if they do not win in the previous year. At the discretion of the judges, an entry may be moved to a different award category if deemed appropriate. Note: Winning entrants may be asked to supply several copies of two or three different photo views, for use in sending to print media. Photographs shall be unmounted 8x10-inch color prints. The photographs may be ground or aerial views.