

AMENDMENT NO. 3
Citation Boulevard Phase II
Contract Dated September 5, 2001

Purpose/Reason for Amendment:


The purpose will be to amend HDR/Quest Engineering design contract to provide the project with seven modifications to the original scope. First, provide a pavement alternative (this was requested by KYTC). Second, provide additional coordination with CSX Railroad. Third, provide water quality features into the construction plans. Fourth, update Erosion Control Plans to current KYTC Standards (this was requested by KYTC). Fifth, HEC-RAS calculation for Bracktown Branch Bridge (Division of Water Quality requested our calculation to include a recent LOMAR). Sixth, maintain construction plan set in a rapidly developing area of Lexington. Seventh, update plans to account for current Division of Water Quality (Sanitary Sewers) relocation of lines within the project limits.

Original Contract Amount	.....	\$ 768,025.00
Amendment No. 1	.....	\$ 149,282.00
Amendment No. 2	.....	\$ 62,500.00
Amendment No. 3	.....	\$ 114,715.00
NEW CONTRACT AMOUNT	.....	\$ 1,094,522.00

Owner:


Consultant:

Jim Gray
Mayor
Lexington Fayette Urban County Government
200 East Main Street, 12th Floor
Lexington, Kentucky, 40507



Ben R. Edelen, P.E., PLS
Vice President
HDR/Quest Engineers
2517 Sir Barton Way
Lexington, Kentucky, 40509-2275

Attest



Attest



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November 28, 2012

Mr. Andrew Grunwald, P.E.
Project Manager
Lexington Fayette Urban County Government
Division of Engineering
101 East Vine Street, 4th Floor
Lexington, Kentucky 40507

RE: Citation Boulevard
Fayette County, Kentucky
Item No. 7-226.1 / 7-226.4

Dear Mr. Grunwald:

The Kentucky Transportation Cabinet (KYTC) and Lexington-Fayette Urban County Government (LFUCG) have worked together to progress the right-of-way acquisition phase for this important project and to position the project for a construction letting. We (HDR) have been asked to provide the final construction plans for a March 2013 construction letting.

Several additional services have been required for completion of the final Citation Boulevard construction plans which are outside the original scope of our contract. The following items outline the additional services required:

- **Pavement Alternate –**
KYTC required inclusion of a Pavement Alternate with the plans. We have developed and added this to the plans which required additional details, a separate pavement summary, a separate general summary, revisions to maintenance of traffic plans, and an additional construction cost estimate.
- **Additional Coordination –**
Project delays due to lack of funding and additional design features added to the plans have necessitated additional coordination efforts. We have been required to engage with and provide information to Utility Companies, CSX Railroad and the KYTC on an on-going basis to ensure coordination in design and schedules.
- **Add Water Quality Features to the Final Design –**
LFUCG requested that we (HDR) include water quality features to the final design plans. We presented options to LFUCG and were instructed to include the selected features, including “Stormceptor” type structures and drainage ditch swales where applicable. This required revising the plans, adding details and revising quantities.



- **Erosion Control Plans Update to current KYTC Method –**
The plans required an update to meet current design methods for Erosion Control per KYTC standards. We have updated the plans to meet KYTC requirements for Erosion Control plans which included creating new erosion control sheets using new KYTC CADD standards and methods and providing point discharge information to the KYTC for permitting.
- **HEC-RAS / Bridge over Bracktown Branch –**
LFUCG requested that we (HDR) incorporate an updated LOMR for Bracktown Branch into the HEC-RAS model for the proposed Bridge over Bracktown Branch.
- **Project Delays - Miscellaneous –**
Project delays due to lack of funding have made additional items of work a requirement to complete the project plans. These items include miscellaneous printing/plotting and communications with LFUCG Engineering and Sewer Department, additional survey field checks and topo updates to the plans, revisions to the plans for current KYTC standards for signing and lighting, merging the project plans back into one set (they were previously split into two separate plan sets at Mercer Road), and attendance at additional meetings and responding to requests for information.
- **Sanitary Sewer Relocations –**
LFUCG requested that we include sanitary sewer relocations in our plans for two locations. This included field survey and topo updates, sewer design and meetings. Additional investigation was also required at the Norfolk Southern Railroad to verify the existing force main location did not conflict with the Railroad Bridge design.

Attached is our fee proposal and a detailed breakdown of hours for the above described services. We appreciate your review of our request for additional compensation for these services and can provide additional documentation if so requested.

Please let us know if you require additional information.

Sincerely,

Joseph D. Cochran, PE
Project Manager

cc: file, B. Edelen, S. Farmer