



CITY OF IOWA CITY MEMORANDUM

Date: March 20, 2014
To: Tom Markus, City Manager
From: Rick Fosse, Public Works Director
Re: Gateway Project Design Elements

At the January 21, 2014 City Council meeting three primary design parameters were selected for the Gateway Project that established the level of flood protection and bridge type. At that time the City Council expressed an interest in having an active role in establishing a number of design elements for the project including:

- Review of the transportation model and forecast and findings for the corridor.
- Roadway alignment and medians.
- Roadway design speed.
- Vehicular travel lane width.
- Sidewalk locations and width.
- Turning lanes on Dubuque Street, Park Road and Park Road Bridge.
- Potential pedestrian-activated cross walk signal at the Mayflower dormitory.

We will discuss these design elements at the March 25th work session. City staff and HNTB, our design consultant, will be at the work session to facilitate discussion and answer questions. The design elements will shape the Gateway Project and its two multi-modal arterial corridors. Our objectives have been to enhance each mode of transportation without detrimental effects on the others and to maintain the unique character of the corridors.

The design elements will be used to develop the *concept statement* which is a document required by Iowa Department of Transportation (IDOT) that conveys the design intent of the project. The IDOT will review the concept statement for compliance with established design standards and evaluate any requests we have to vary from those standards. State approval of the concept statement is a necessary condition of the federal funds for this project. It is our hope that we can establish the desired design elements by the April 1st council meeting.

To assist in preparation for the meeting, the following materials have been included for the Council's review:

- A revised version of the Arterial Street Lane Width Comparison that was distributed last week. It has been amended to include additional streets requested by one of the council members,
- Pre-Design Meeting Summary – please note that presentation and exhibit materials from the meeting can be viewed here: www.iowacitygateway.org
- Revised Project Renderings, illustrating the chosen design parameters,
 1. View looking South at Park Road Bridge, Hancher and City Park from 1032 N. Dubuque Street near Kimball Road
 2. View looking South from the Patio of the UI Beckwith Boathouse at Terrell Mill Park

3. View looking South from the Cliff House Apartment Buildings, just south of Ridge Road
 4. View looking South from the Foster Road Intersection
 5. View looking East from City Park toward 1032 N. Dubuque Street and Mayflower Residence Hall
 6. View looking East from Park Road near the Lower City Park entrance and the new Hancher Auditorium
- Revised Project Cross-Sections, illustrating the difference between the EA Preferred Alternative and the chosen design parameters (8 pages),
 - Typical Roadway Cross Sections, depicting design elements that will be discussed,
 1. Curb and Gutter, No Median
 2. Curb and Gutter with Median
 3. Rural Median
 - Through-Arch Bridge Elevation (side view),
 - Typical Bridge Cross Section, depicting design elements that will be discussed and the dimensions used for the EA Concept, and

There will be a formal presentation at the work session the will walk through the different locations of the corridor and the design elements. The design team and staff will have recommendations prepared for discussion.

Cc: Ron Knoche, City Engineer
Melissa Clow , Special Projects Administrator