



CITY OF IOWA CITY

AJC Corp. Intersection Proposal

Madison Street/Burlington Street

&

Gilbert Street (College Street to Washington Street)

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04.13.18

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Introduction

If you were to ask the residents of Iowa, “What city is the best city in Iowa?” the most common answer would be “Iowa City.” This result is what we want Iowa City to continue to have moving forward.

To start, Iowa city is currently a pedestrian-friendly atmosphere that tops the other large college towns—this is easily seen by looking at the college student activities around The University of Iowa campus. To expand the view of Iowa City, we are looking at not only increasing the pedestrian friendliness by making the roadways safer for pedestrians but also by increasing the utility and safety for motorists at the same time. The end goal with this important project will be: increased safety for all people of Iowa City, a more efficient system for motorists and pedestrians, and an improved aesthetic for Iowa City.

Our project is looking to not only improve the Madison/Burlington and Gilbert Street intersections but to improve the quality of life for the residents of Iowa City and all of those driving through. Currently along these streets, the city of Iowa City is struggling with traffic congestion caused by these intersections. These intersections additionally do not have the necessary ADA required implements, which restricts those with certain disabilities from moving through the intersections. Lastly, the current lighting is inadequate at night, resulting in pedestrians not being visible to the cars moving through these intersections. The city has now requested help in improving these intersections for the benefit of the city and its residents.

Our Goal

Madison/Burlington Improvements

- Evaluate and complete the design of the intersection
- Adding turning lanes on Madison Street
- Installing traffic and pedestrian signal lighting
- Implementing ADA sidewalk requirements
- Evaluating the existing sewer system and replacing as needed
- Restriping along Madison Street
- Preparing plans, specs, and, bid document creation and assisting in the bidding process

The end result that the city of Iowa City will receive from this project is a new, highly functional intersection. The improved intersection will cater to Iowa City's residents' needs, while increasing the flow rate of traffic through the intersection at a higher efficiency. **Figure 1.1** shows the intersection.

Figure 1.1: Skyview of Madison (N/S) & Burlington Intersection (E/W)



Inadequate turn lanes cause the struggling traffic flow through the intersection

Gilbert Street Improvements

- Traffic signals at the College Street and Washington Street intersection
- Pedestrian curb ramps at the College Street and Washington Street intersections
- Roadway and pedestrian-level lighting
- New 12-inch water main

As Gilbert Street continues to steadily increase the flow of traffic, traffic signals, as well as new lighting, are needed—especially between College Street and Washington Street. The new additions will reduce the frequency of backups on College/Washington and improve the safety of pedestrians on the sidewalk.

Figure 1.2: Skyview of Gilbert St. (N/S) crossing College St. (N) and Washington St. (S)



Both intersections lack traffic signals along Gilbert Street

Overarching goal

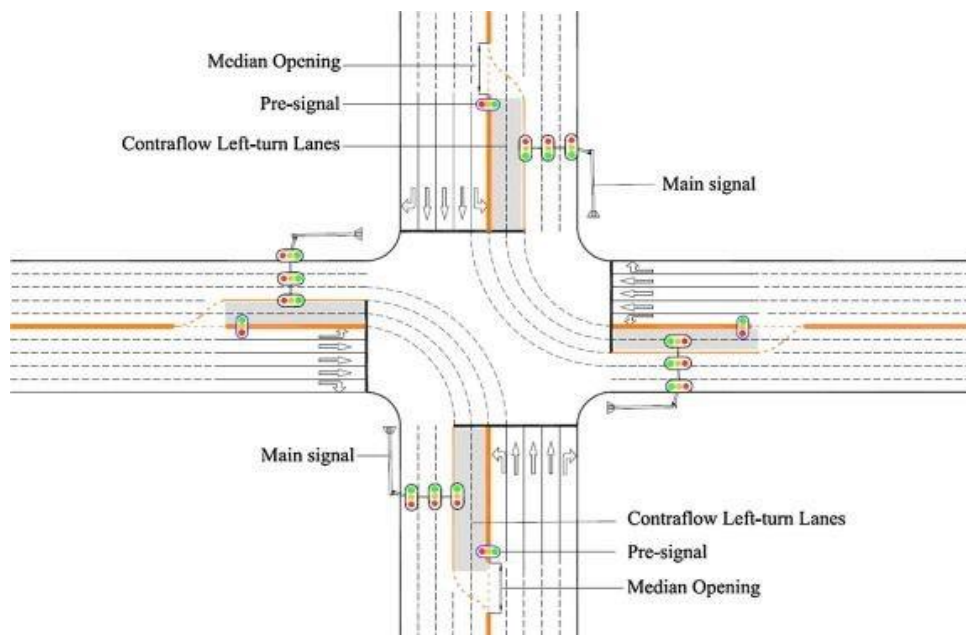
At the end of the day, we want to deliver a product that the city of Iowa City can be proud of. New intersections and roadway improvements will not only function in the most efficient ways possible, but they will provide improvements that instill a new sense of safety for both the pedestrians and the motorists who use these intersections daily. With this new feel, we hope that the city of Iowa City is a more pedestrian-friendly residential and college town, while not impeding the motorists' ability to get to and from their daily activities. As Iowa City is always in the need of road construction, AJC Corp. hopes to create a steady relationship for future projects.

Our Work

AJC Corp. is promising to complete the improvements requested by the city using the most professional and efficient means possible. As a founding pillar of AJC Corp., communication is going to be the primary focus of our Communication Manager. It will be his job to ensure that the city board members and the city engineers are always up to date with not only the latest designs but also with the progress of these projects. We will be providing bi-weekly work reports that will be focused on timeline updates and responses to resident complaints.

AJC Corp. has long been an experienced heavy/highway construction company. This figure below illustrates how AJC Corp. has achieved, as well as communicated, our previous work and designs to the government subsidy that owns the project. There is no better way to communicate work than to complete highly detailed plan drawings, and AJC Corp. holds their standards consistently high through every project that has been worked on.

Figure 2.1: Proposed Plan of Intersection Rework



Integration of new turn lanes at Madison and Burlington intersection

AJC Corp. Qualifications

AJC Corp. is divided into three interdependent departments consisting of highly qualified leaders within each department. Our three departments are Communications, Construction, and Finance.

Communications Manager: Chad Weirich

Chad holds a Bachelor of Science degree in technical communication and has extensive experience with technical writing relating to the field of engineering. Chad has previous work experience with construction engineering projects, bringing ten years of professional involvement in the field.

Construction Manager: James Ripper

James received a Bachelor of Science degree in construction engineering as well as a minor in general business from Iowa State University. While at Iowa State, James received job experience through two internships and one co-op. Following graduation, James has gained more job experience while working in the field before forming AJC Corp.

Finance Manager: Adam Trebesch

Adam received a Bachelor of Science degree in economics as well as a minor in public relations, finance and leadership studies. After Iowa State, Adam continued his education by receiving a Juris Doctorate from the University of Iowa. After graduate school, Adam worked in the corporate law setting before the creation of AJC Corp.

Benefits

AJC Corp. wants Iowa City to achieve the highest levels of satisfaction for both the pedestrians and motorists who will be using these intersections. The city of Iowa City will be able to boast a new level of safety for everyone, based off the improvements made. With the new, safer infrastructure, we hope that Iowa City's residents will see a resulting change in image as more people see the quality of life inside of the city.

We want the city leaders to benefit from knowing that there is a company, AJC Corp., that both can and will fulfill their requests, stay within the budget, and work on-schedule. Our previous projects with the city have seen much success, and we want to reassure those in charge of the city's resources that they can continue to rely on AJC Corp. to deliver consistent results.

Conclusion

Iowa City has been the number one city in Iowa, and all of us at AJC Corp. want to see this image maintained. Through our work on your project, Iowa City will be able to preserve its current image as the best place to live in Iowa, while boasting an increased safety and utility for all its residents.

Thank you for your outreach to us and for your consideration in the proposal decision process. We look forward to working with you.