

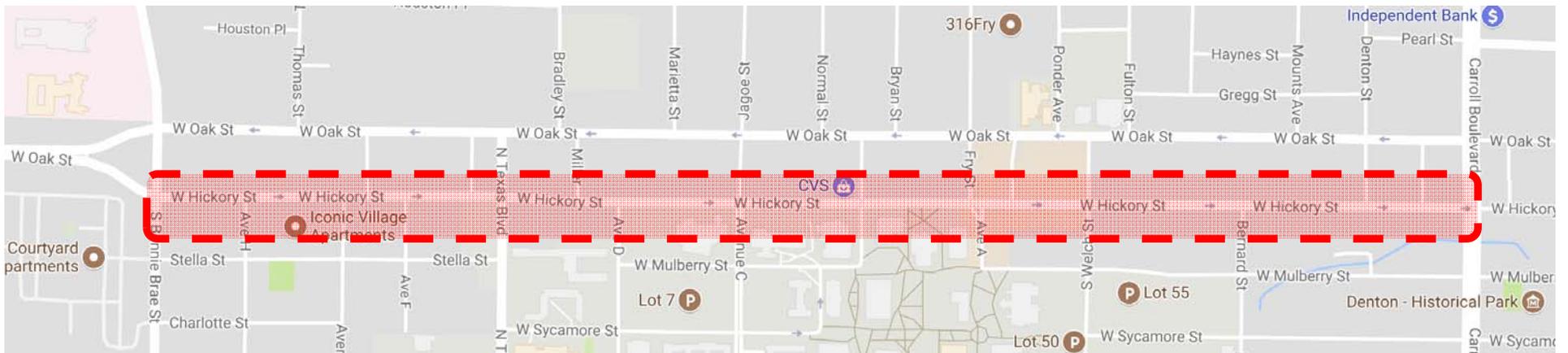
Hickory Street Pedestrian Lighting

Nov. 14, 2017



PROJECT SCOPE:

- **\$4.2M roadway and utility reconstruction along West Hickory Street from Bonnie Brae Boulevard to Carroll Boulevard (1.4-miles)**
- **Project is being constructed by City crews.**
- **This project is intended to extend the life of the existing infrastructure in and along West Hickory Street**



BACKGROUND

- **During public meetings with stakeholders, a desire for pedestrian lighting on both sides of W. Hickory was expressed.**
- **Stakeholders expressed a desire to have pedestrian street lighting added to the north side of W. Hickory staggered in location with the south side.**
- **There is currently not enough right of way to simply add the pedestrian lighting requested without acquiring additional right of way.**

BACKGROUND

Oak Street Looking West



Hickory Street Looking West



REQUIRED

- **To achieve the desired request, the south curb line would need to held in place to minimize increased costs.**
- **Current travel lanes widths will be reduced to 11' wide.**
- **Existing sidewalk on the north side would be demolished and reconstructed approximately 5' south of its current location.**
- **Survey, Subsurface Underground Exploration and Design services will need to be acquired.**
- **Temporary Construction Easements will be required to adjust existing slope (grade) issues (i.e. existing retaining walls).**

OPPORTUNITY

- **Adding pedestrian lights from Welch to Carroll on the north side of W. Hickory will improve pedestrian safety.**
- **To add pedestrian lighting, the road will need to be narrowed which will yield slower traffic speeds and provide traffic calming.**
- **Current shortcomings in the ADA accessibility of this corridor could be improved when the sidewalk is reconstructed.**
- **The costs to make this improvement will not get cheaper over time.**

RISKS

- **SCHEDULE RISKS:**
 - Adding pedestrian street lights to the project from Welch to Carroll on the north side of Hickory will require data collection and design prior to construction.
 - Adding the pedestrian lights may require additional franchise utility relocations.
 - Construction phasing will be more complex and will require longer to build.
- **SCHEDULE RISKS NET RESULT:**
 - There is a high probability that the time to construct the Welch to Carroll segment will take longer with the addition of the pedestrian lighting.

RISKS

- **BUDGET RISKS:**

- Adding pedestrian street lights to the project increase design, staff and construction costs.
- Current unknown additional costs that may be uncovered during the data collection process may yield a higher cost than currently projected.
- Adding street lights will add to the City's annual maintenance cost.
- Compressed data collection and design timeline may yield higher than normal design costs to keep the project on schedule.

- **BUDGET RISKS NET RESULT:**

- Adds approximately \$950,000, for a likely overall project cost of \$5.2M.

QUESTIONS



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