

“Using Evaluation to Improve Our Work”

### Powers Ferry Road Bridge Project

The project scope was a full bridge replacement for the Powers Ferry Road Bridge over Nancy Creek between Pineland Road and Hillside Drive adjacent to Chastain Park. The typical section is two twelve-foot lanes with a multiuse trail sidewalk (Chastain Park trail) only on the east side of the bridge. The project budget was \$3,645,756 and was funded by the Renew Atlanta Bond Program and other funding from the Department of Watershed Management.



## What went well and why?

Success	How to Ensure Success in the Future
Aesthetic completed bridge	Incorporate design aesthetics with character of surroundings when budget allows.
Design fee to construction cost	<ul style="list-style-type: none"> <li>• Negotiate design consultant fees based on construction cost estimates.</li> <li>• Evaluate and rate design consultants to actual construction costs and for designing to budget.</li> </ul>
Incorporation of rapid flashing beacon system for pedestrian crossing	Continue to set up bids to allow for minor construction additions.

## What can be improved and how?

What can be improved	Recommendations
Utility coordination and relocation schedules	<ul style="list-style-type: none"><li>• Evaluate and determine field construction techniques and equipment placement for construction considering large machinery to accomplish the project.</li><li>• Include one on one meetings with utility company to coordinate impacted infrastructure considering project construction.</li><li>• The Renew team now has expert resources in utility coordination. It is vital that the utility coordination task begin early in the preconstruction phase and that the appropriate experienced staff and resources are maintained for future capital improvement project success.</li><li>• The City's future DOT should officially adopt the GDOT utility accommodation manual as the City's utility policy to benefit from state law in regard to enforcing utility compliance.</li></ul>

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Procurement time frame	<ul style="list-style-type: none"> <li>• Stay with first bid and address irregularities.</li> <li>• Only bid projects together if there is an economic benefit.</li> <li>• Utilize RFQC contracts if funding and legislation allows.</li> </ul>
Qualified and experienced contractors and subcontractors	<ul style="list-style-type: none"> <li>• Evaluate and rate all contractors and their subs at the completion of a project to determine future bid eligibility.</li> </ul>
Subcontractor adherence to schedule	<ul style="list-style-type: none"> <li>• Set a policy that allows flexibility for prime contractor to execute work when subcontractor doesn't perform.</li> </ul>