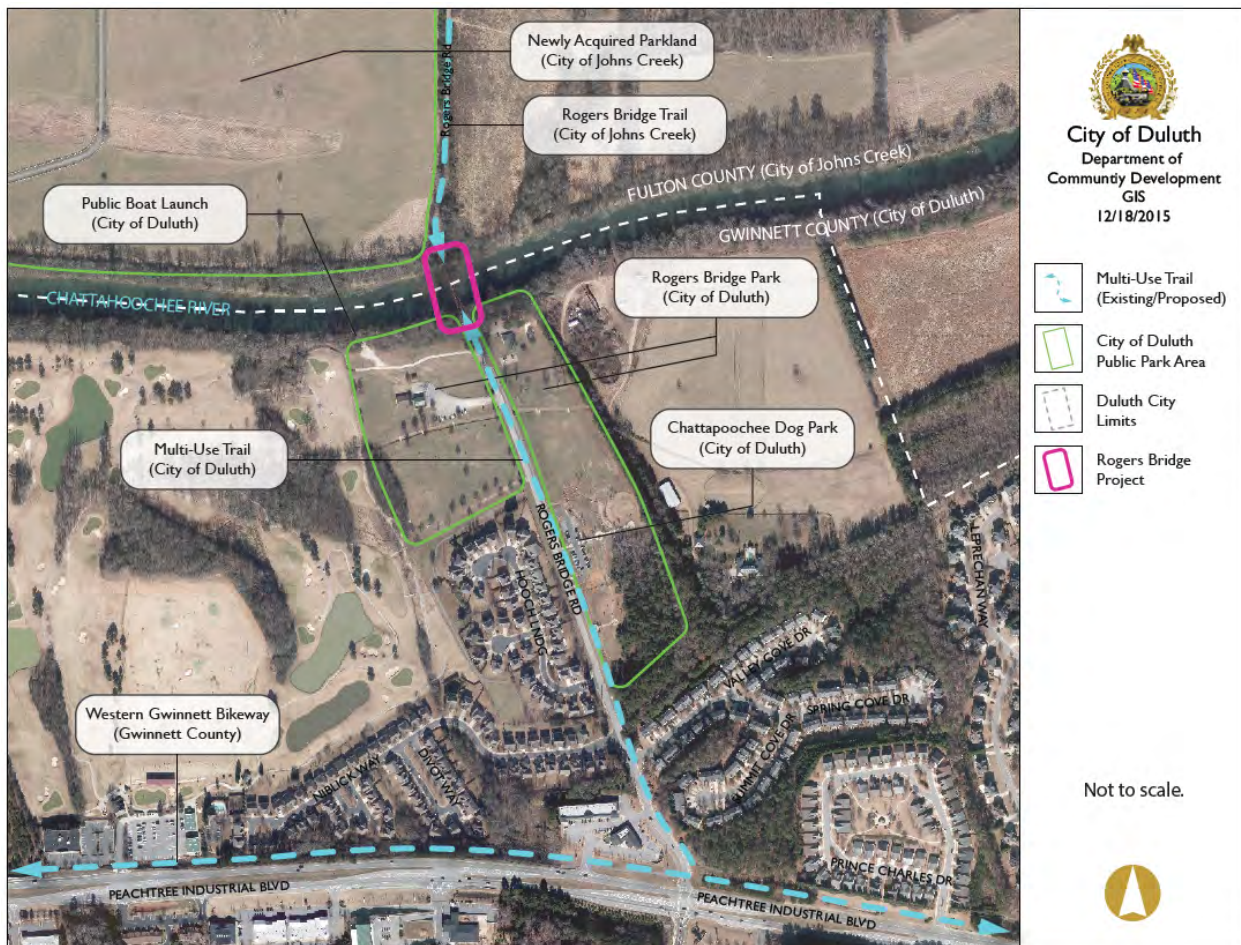




PI 0014160 ROGERS BRIDGE PROJECT
ROGERS BRIDGE @ CHATTAHOOCHEE RIVER – PEDESTRIAN BRIDGE
 FACT SHEET

Why are we here? The Rogers Bridge project will provide the missing link between the Cities of Duluth and Johns Creek by rehabilitating, supplementing, or replacing the bridge for bicycle and pedestrian access to Rogers Bridge Park in Duluth and the future Cauley Creek Park in Johns Creek. This project will also allow greater access to public spaces and parkland along the Chattahoochee River, access to the Western Gwinnett Bikeway, and provide multi-jurisdictional bicycle and pedestrian connectivity to Fulton and Gwinnett Counties and surrounding areas.

The major stakeholders for this project are the Cities of Duluth and Johns Creek and Fulton and Gwinnett Counties.





PI 0014160 ROGERS BRIDGE PROJECT
ROGERS BRIDGE @ CHATTAHOOCHEE RIVER – PEDESTRIAN BRIDGE
FACT SHEET



ALTERNATIVE RH-1 - REHABILITATION

Alternative RH-1 – Existing Bridge Rehabilitation: This Alternative would retain the existing 228-foot long, pin-connected Pennsylvania Petit-type steel truss bridge that has been closed to vehicular traffic for approximately forty years.

Key Information:

- Existing Petit-type truss structure is permanently retained and rehabilitated.
- Extensive repairs are needed to the existing bridge and foundations for pedestrian use.
- Existing bridge is costly to maintain due to its age.
- Time to construct is approximately 24 to 30 months.
- Pathway width is limited to ±12-feet.
- Existing water main will be replaced.
- Total Bridge Length = 328-feet (main span 228-feet).

Estimated Construction Cost:

\$5.1 Million



PI 0014160 ROGERS BRIDGE PROJECT
ROGERS BRIDGE @ CHATTAHOOCHEE RIVER – PEDESTRIAN BRIDGE
FACT SHEET



ALTERNATIVE SS - 3 - TRUSS HYBRID

Alternative SS-3 –Truss Hybrid: This is a variation of the Rehabilitation Alternative RH-1 where the existing 228-foot long Petit-type steel truss bridge is retained, but it is not strengthened to the same extent required in Alternative RH-1. A supplemental structural system consisting of beams and a truss is used to strengthen the bridge for pedestrian use.

Key Information:

- Existing Petit-type truss structure is permanently retained and rehabilitated.
- Repairs are needed to the existing bridge and foundations to “carry its own weight”.
- Supplemental structure used to carry remaining loads.
- Existing bridge is costly to maintain due to its age.
- Time to construct is approximately 18 to 24 months.
- Pathway width is limited to ±12-feet.
- Existing water main will be replaced.
- Total Bridge Length = 328-foot (main span 228-foot).

Estimated Construction Cost:

\$4.6 Million



PI 0014160 ROGERS BRIDGE PROJECT
ROGERS BRIDGE @ CHATTAHOOCHEE RIVER – PEDESTRIAN BRIDGE
FACT SHEET



ALTERNATIVE RP - 2 - REPLICA TRUSS

Alternative RP-2 – Replica Truss: This Alternative would completely remove the existing Petit-type steel truss bridge and replace it with a steel truss that replicates the scale and structural form of the original. The replica truss bridge would match both the 33-foot height and the 228-foot span length of the existing Petit-type truss.

Key Information:

- Existing Petit-type truss structure is permanently removed.
- New bridge replicates existing bridge.
- Low maintenance costs.
- Time to construct is approximately 12 to 15 months.
- Pathway width is 14-feet (desirable).
- Existing water main will be replaced.
- Total Bridge Length = 328-feet (main span 228-feet).

Estimated Construction Cost:

\$4.2 Million



PI 0014160 ROGERS BRIDGE PROJECT
ROGERS BRIDGE @ CHATTAHOOCHEE RIVER – PEDESTRIAN BRIDGE
FACT SHEET



ALTERNATIVE RP-6 - TIED ARCH

Alternative RP-6 – Tied Arch: This Alternative would completely remove the existing Petit-type steel truss bridge and replace it with a steel tied arch bridge supporting a prefabricated steel truss below. The tied arch alternative would extend the main span across the Chattahoochee River from 228-feet (existing) to 252-feet.

Key Information:

- Existing Petit-type truss structure is permanently removed.
- Low maintenance costs.
- Time to construct is approximately 15 to 18 months.
- Pathway width is 14-feet (desirable).
- Existing water main will be replaced.
- Total Bridge Length = 332-feet (main span 252-feet).

Estimated Construction Cost:

\$4.2 Million