



## Key Points

- GDOT will be installing GSI at the intersection of I-75/85 & I-20 to reduce polluted runoff.
- Construction will take place in Area A from the interstate feasibility assessment (see figure on next page)
- Area A has the largest drainage area and largest feasible area for GSI.
- GSI will be designed to capture the first 1.8" of rainfall using bioretention.
- Pilot project construction will begin in Fall 2017

## Atlanta's Downtown Interstates

Georgia Department of Transportation (GDOT) and Central Atlanta Progress (CAP) have partnered with American Rivers to embark on a pilot project to implement green stormwater infrastructure (GSI) at the intersection of two of the city's major highways, I-75/85 and I-20.

## Turner Field GSI Feasibility Assessments

In 2016, American Rivers worked collaboratively with the community to release two GSI feasibility assessments of the Turner Field core area and surrounding interstates based off of the Turner Field Livable Centers Initiative recommendations. The assessment conveyed how much stormwater could be captured in the study areas, as well as the amount of GSI surface area needed. Implemented GSI within the core area and interstates will help to alleviate the amount of stormwater runoff entering the combined sewer overflow system by managing the first 1.8" of rainfall onsite. The assessments demonstrated how GSI could be used to capture 3.6 million gallons per storm.



*City Sight Line of Pilot Project Area (Google Earth)*

## Information on the Project Area

The selected site for GSI construction is located in the heart of downtown Atlanta at the intersection of I-75/85 and I-20. It is north of the Turner Field neighborhoods that have struggled with stormwater runoff for decades. Area A, which is the largest drainage area, was selected for the pilot's construction.

Design plans will be developed by the company Solidago that will follow the GSI recommendations to collect 1.8 inches of rainfall using bioretention. The engineering design phase is underway, with construction planned to begin in Fall 2017.

# Interstate GSI Retrofit Feasibility Assessment



## Additional Resources

Learn more about the Turner Field neighborhoods Livable Centers Initiative:

<http://www.stadiumneighborhoodslci.org/the-lci-plan/>

View the Turner Field LCI Interstate GSI Feasibility Assessment:

<https://static1.squarespace.com/static/564f66d7e4b0625ac1914016/t/57962b4a1b631bb1325f4248/1469459276060/Turner+Field+LCI+Interstate+GSI+Feasibility+Assessment+Final.pdf>

View the Turner Field Core Area GSI Feasibility Assessment:

<https://static1.squarespace.com/static/564f66d7e4b0625ac1914016/t/57962b1c893fc05f7314dbf2/1469459229763/Turner+Field+LCI+Core+Area+GSI+Feasibility+Assessment+Final.pdf>

For more information: [www.americanrivers.org/greeninfrastructure](http://www.americanrivers.org/greeninfrastructure)