
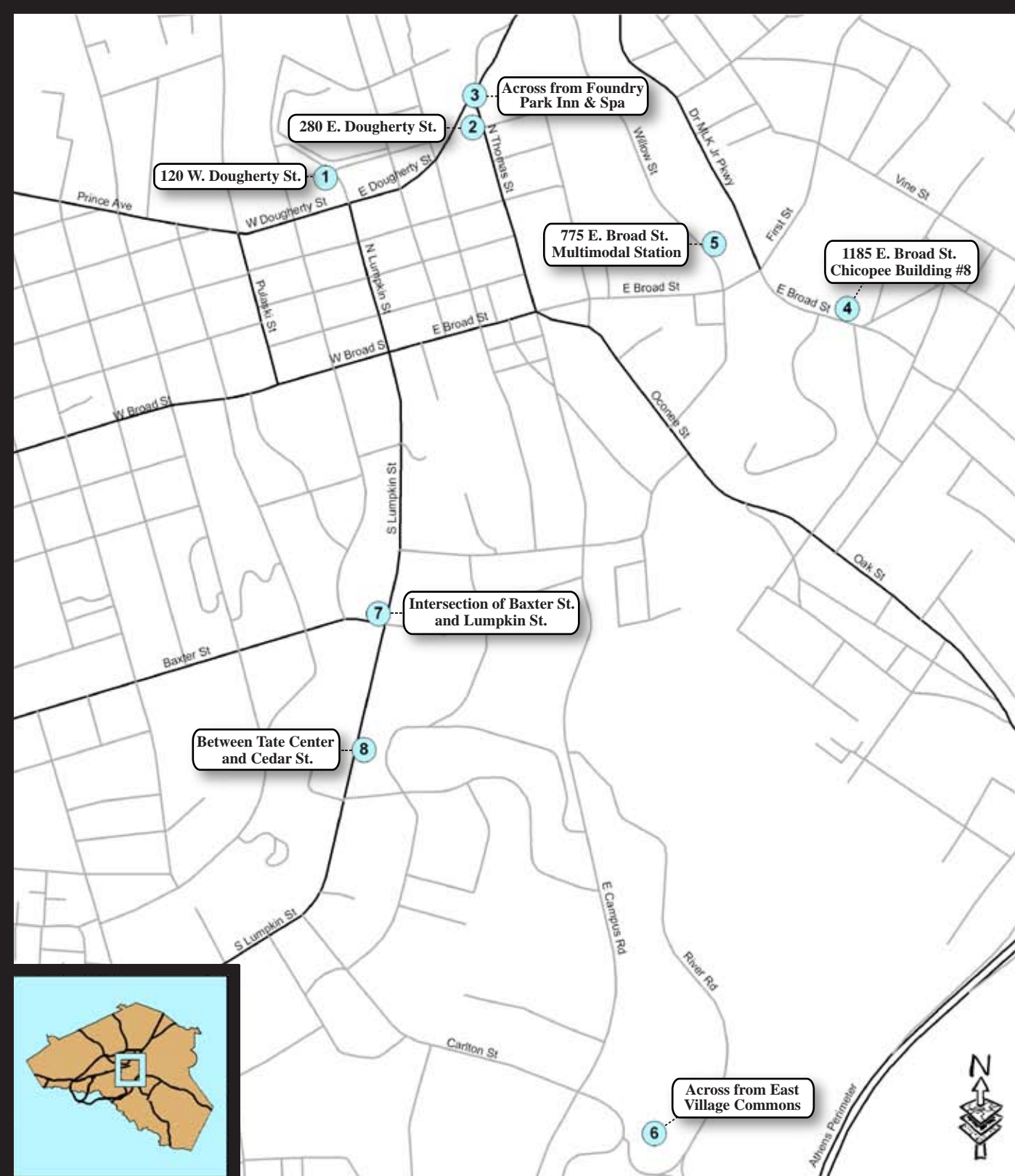




ACC Stormwater Department
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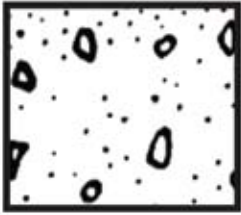
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|----------|---|---|
| 1 | 120 W. Dougherty Street
Porous Concrete |  |
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 This project was financed by the EPA through a 319(h) Nonpoint Source Implementation Grant.



120 W. Dougherty Street - *Porous Concrete*

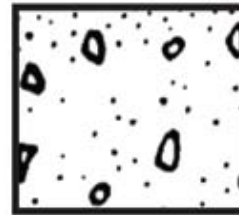
1



The parking surfaces are made of porous concrete. The porous concrete is constructed over a clean washed aggregate base. This allows for water to percolate into the ground and it reduces the amount of surface water runoff.

Athens Welcome Center - *Porous Pavement*

2



The parking surface is constructed of pea gravel supported by a one inch high geo-textile integrated ring and grid system. The geo-textile system prevents the gravel from compacting and protects the permeability of the surface.

North Avenue - *Day-lighted Stream*

3



This stream, previously piped, drains the northeast quadrant of downtown Athens and conveys runoff to the North Oconee River. Re-establishment of the stream channel provides habitat and a mechanism to build stormwater detention in an urbanized environment.

Willow Street - *Sand Filter and CBD Detention Pond*

4



This facility provides water quality treatment and water quantity control for the southeast quadrant of downtown Athens. A sand filter removes pollutants and cleanses stormwater runoff before discharging into the North Oconee River.

UGA Grounds Department - *Parking Lot Rain Garden*

5



A rain garden is a designed landscape feature that provides water quality treatment. It consists of a permeable soil mixture and plantings appropriate for dry and wet soils. This feature filters stormwater runoff through a soil and plant media before discharging into Trail Creek.

UGA Art School - *Green Roof*

6



A green roof is a vegetative roofing material that covers traditional impervious roof material and provides for interception and absorption of rainfall through soil and plant media. This green roof serves a portion of the building and reduces the amount of stormwater leaving the site.

Lumpkin Woods - *Stormwater Treatment Train*

7



This area includes rain gardens, enhanced swales, and a micro-pool with extended detention which provide water quality treatment and water quantity control. The treatment train removes pollutants from the stormwater and reduces flow velocity before discharging into Tanyard Creek.

Lumpkin Street - *Roadside Rain Gardens*

8



A rain garden is a designed landscape feature that provides water quality treatment. This series of rain gardens captures stormwater from a half mile stretch of Lumpkin Street before discharging into Tanyard Creek.