

**MASTER DEVELOPMENT PLAN FOR LONG SAVANNAH
CHARLESTON, SC
IN COLLABORATION WITH DOVER, KOHL & PARTNERS**

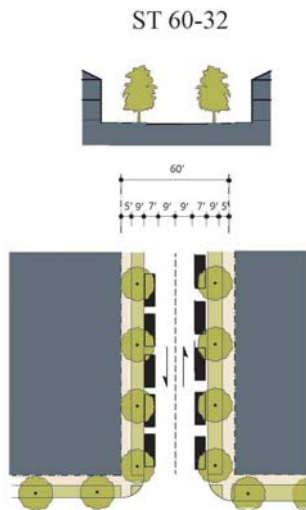
HPE RESPONSIBILITY:

Conceptual Transportation Design and Traffic Analysis

CLIENT'S NAME & ADDRESS:

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Hall Planning & Engineering, Inc. participated as the transportation subconsultant in a charrette to prepare a master plan for Long Savannah, a new community in Charleston, SC. The design for this private development followed traditional neighborhood design principles. HPE addressed ways transportation systems serving the town could be designed to enhance the walkability of the area. This was done by targeting pedestrian improvements to all the public places including streets and squares. One major goal was to facilitate efficient automobile travel among an excellent pedestrian environment. Street cross-sections were developed and approved by the City of Charleston for future implementation.



Land Use	Total
Single-Family Homes (ITE 210)	3,480
Apartment (ITE 220)	1,374
Residential Townhouses (ITE 230)	1,140
Total Residential	6,000 Units
Shopping Center – Retail (ITE 820)	525,000
General Office (ITE 710)	175,000
Total Commercial	700,000 sf



HPE also prepared a traffic analysis to address the traffic growth expected by the development of Long Savannah. The traffic study applied elements of walkability and traditional town design to conventional vehicular trip generation techniques to produce a realistic estimate of future traffic. This traffic was then distributed onto the existing external thoroughfare network to ensure there would be no negative impacts on the surrounding infrastructure.