

**BOUNDARY STREET MASTER PLAN, BEAUFORT SC**  
**CITY OF BEAUFORT IN COLLABORATION WITH DOVER, KOHL & PARTNERS**

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**HPE RESPONSIBILITY:**

Provide a balance between walkability and automobile traffic movement on redevelopment of historic Boundary Street in Beaufort, SC.

**CLIENT'S NAME & ADDRESS:**

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Hall Planning & Engineering, Inc. participated as a subconsultant with Dover, Kohl & Partners, Inc., to address redevelopment of the Boundary Street corridor in Beaufort, SC. The project included creating a master plan to create walkable, urban-scale development along Boundary Street while maintaining an acceptable level of vehicle movement.

Results included the following:

- Creation of street sections to balance automobile and pedestrian traffic needs
- Design and analysis of a modified multiway boulevard design for Boundary Street
- Operational analysis of circulation patterns using Synchro™ traffic analysis software
- Recommendations for design and phasing of streets in the new Boundary Street corridor to create high levels of walkability, in coordination with the Dover Kohl land use plan
- Analysis of multi-lane roundabouts at key intersections.



HPE Prepared a Traffic Operations Plan to Support Redeveloped Boundary Street

Boundary Street is also a state highway, requiring HPE to coordinate with SCDOT as well as the Beaufort County Traffic Engineering Department on the design of the redeveloped Boundary Street. Gaining popular support for the proposed roundabouts was a key part of the planning effort accomplished by HPE. HPE was able to demonstrate that a walkable Boundary Street, with a complete mix of housing, retail, and office land uses could still effectively move peak hour traffic through the corridor.



HPE Staff Toured the Area on Bicycle to Experience Bicycling Conditions on Boundary Street