



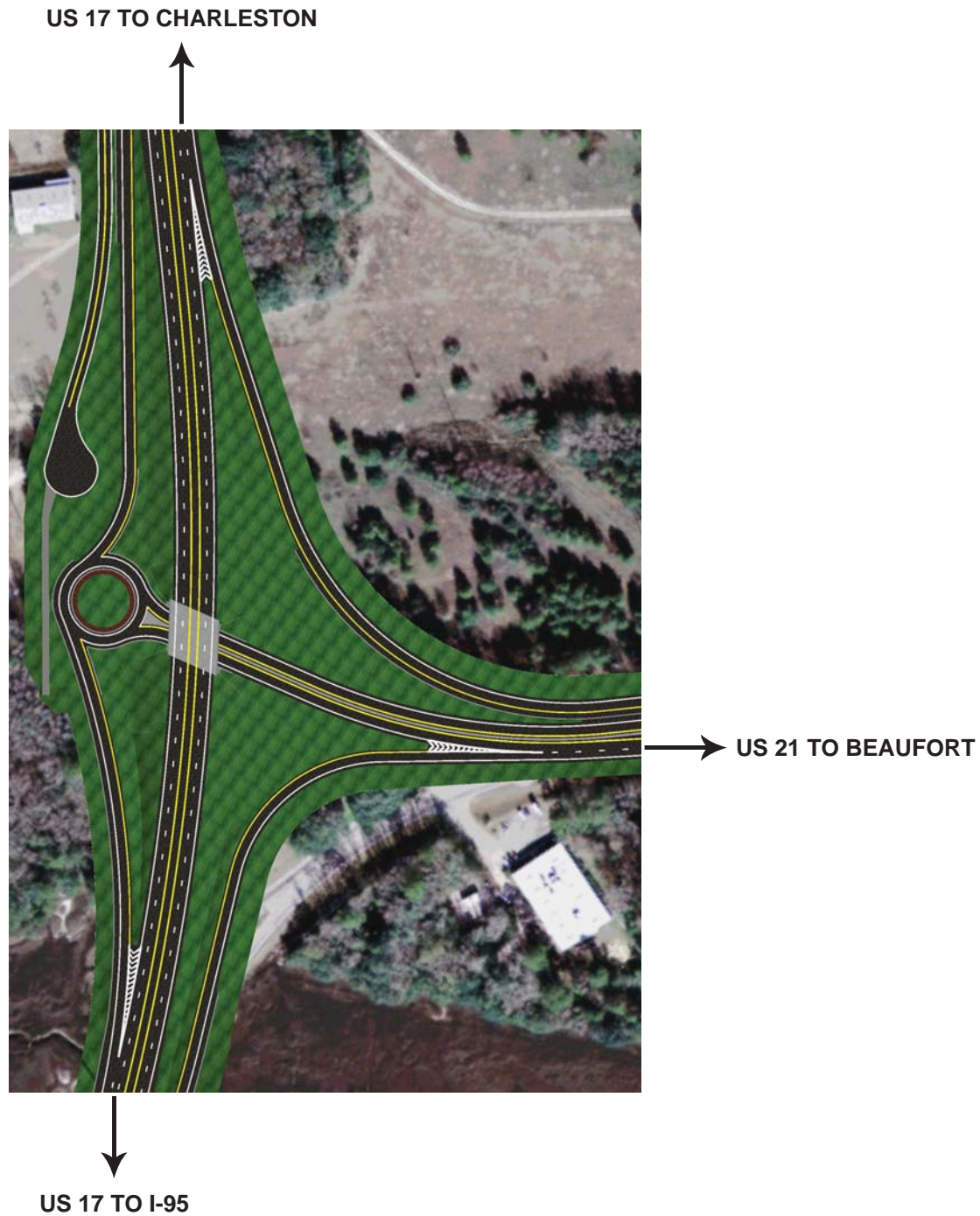
# US 17 ACE Basin - Segments 1 & 2A

Vol. 3, No. 1

## GARDENS CORNER INTERCHANGE

Design has been finalized and construction is underway on the new interchange at the intersection of US 17 and US 21 in Gardens Corner. This interchange will serve as the entrance gateway to Beaufort and provide improved traffic operations. This is the first tear-drop interchange in South Carolina. This innovative design saved more than \$5 million in construction costs.

This interchange will allow US 17 northbound and southbound traffic to be unencumbered by traffic from US 21. At the interchange, traffic from I-95 will have a right exit onto US 21 southbound towards Beaufort. Traffic on US 21 northbound from Beaufort will have a right exit onto US 17 northbound towards Charleston. The roundabout portion of the interchange will handle left turn movements from US 17 southbound from Charleston to US 21 southbound towards Beaufort as well as US 21 northbound from Beaufort to US 17 southbound towards I-95. This interchange is compliant with current evacuation plans.



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# Facts

**SEGMENT 1**

Notice to Proceed: 3/1/07

Environmental Permits Issued: 7/6/07

Segment 1 Completion: Fall 2010

Design/Build Contract Cost: \$80 Million

Percent Complete: Design: 90%  
Construction: 65%

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**SEGMENT 2A**

Notice to Proceed: 3/08

Segment 2A Completion: Fall 2010

Design/Build Contract Cost: \$20.4 Million

Percent Complete: Design: 100%  
Construction: 60%

# Photos



Crews excavate dirt along the edges of the existing US 17 roadway to widen the shoulders for what will become the new northbound lanes. The widened roadway on the left side of the picture begins to show how much safer the new shoulders will be.



Aerial photo of Segment 2A in Colleton County between the Combahee River and entrance to Lightsey Plantation.



Building new roadway requires a lot of earth moving. This dump truck carries fill material which will be placed layer by layer to create a stable and smooth road bed.



A permanent barrier wall, placed within the Gardens Corner interchange, separates the frontage road and a new US 17 lane, which will take southbound US 17 motorists to a new roundabout with access to US 21.



Work on the old roadway between the Combahee River and Big Estate Road includes wider paved and landscaped shoulders.



The sub-grade is completed for a new frontage road west of the Gardens Corner interchange. Over the next few months, crews will complete the cul-de-sac and final grading before placing asphalt.

WHAT'S BEEN DONE	3 MONTH LOOK AHEAD
<ul style="list-style-type: none"> <li>* Utility coordination &amp; relocation</li> <li>* Right-of-way acquisition - all Phases</li> <li>* Phase 1NB &amp; 2SB - earthwork for new shoulders adjacent to existing roadway</li> <li>* Phase 3 - began earthwork at several ramp locations</li> <li>* Phase 3 - constructed US 17 &amp; US 21 temporary crossovers in anticipation of temporary traffic shift</li> <li>* Phase 3 - began earthquake drain installation at necessary locations</li> <li>* Segment 2A - continued surcharge installation to facilitate settlement of the marsh area</li> </ul>	<ul style="list-style-type: none"> <li>* Phase 1NB &amp; 2SB - construct new shoulders &amp; overlay existing roadway</li> <li>* Phase 3 - switch traffic onto Stage 1 Detour &amp; prepare for Stage 2 Detour</li> <li>* Phase 3 - continue earthquake drain installation at necessary locations</li> <li>* Phase 3 - begin bridge &amp; retaining wall construction</li> <li>* Phase 3 - continue earthwork &amp; drainage for new ramps &amp; mainline US 17/US 21</li> <li>* Segment 2A - continue surcharge installation to facilitate settlement of the marsh area</li> <li>* Utility coordination &amp; relocation</li> </ul>