

**Western Wake Freeway**  
**Raleigh-Durham Roadbuilders Project #208080**  
**W/E 7/4/2010**  
**Civil**



Picture 1: Completed Embankment South of Carpenter Fire Station

Picture 2: Excavation North of Green Hope School Rd

Picture 3: Temp Fill Removed and Permanent Embankment under construction at Jack Branch Bridge

Picture 4: Temporary Riser Basin South of US64

**PROJECT WIDE STATS**

**Civil:**

Clearing and Grubbing:

- Clearing and Grubbing from Jenks Rd to US 64 is Complete
- Clearing and Grubbing from US 64 to Olive Chapel.

Erosion Control:

- Erosion Control Installation between US 64 and Olive Chapel is complete

Box Culvert:

- Box Culvert 12 continues.
- Box Culvert 11 construction is complete.
- Box Culvert 9 diversion channel continues

Earthwork:

- Dirt Work from Hwy 55 to Nancy Branch continues.
- Dirt Work from McCrimmon Pkwy to Carpenter Fire continues
- Dirt Work continues from Carpenter Fire to Panther Creek.
- Dirt Work continues from Panther Creek to Green Hope School Rd.
- Dirt Work continues from Green Hope School Rd to Green Level West.
- Dirt Work continues from Jacks Branch to Roberts Rd.
- Dirt Work continues from Roberts Rd to Jenks Road.

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**Structures**



Picture 1: Site 19 White Oak Creek



Picture 2: Site 26 Formed & Poured Abutments End Bent 2



Picture 3: Site 25 MSE Wall End Bent 2



Picture 4: Site 23 Erecting Span B NB Girders

**PROJECT WIDE STATS**

**Structures:**

**Utilities**

- Bailey Contracting completed 12" waterline (Conflict 54) and 18" gravity sewer (Conflict 53) between Carpenter Fire Station Road and McCrimmon Parkway.
- Construction Supervision Service Inc completed 16" water main (Conflict 48) near future Morrisville Pkwy and is installing 14" sewer force main (Conflict 56) along Old Alston Road near NC 55.
- Moffat Pipe Inc completed 10" sewer force main (Conflict 51) south of Carpenter Fire Station Road and will tie-in 16" water main (Conflict 52) on the north side of Carpenter Fire Station Road. Traffic will be shifted south for tie-in.
- AT&T and PSNC Gas joint contractor will continue installation of gas main and conduit south of Carpenter Fire Station Road this week.
- AT&T is relocating overhead lines on the east and west end of Green Level West Road and installing buried fiber optic on the south side of US 64.
- Progress Energy is working on relocation along Kelly Road jug-handles.
- Town of Apex Power is relocating overhead power lines south of US64 and will wreck down overhead power lines south of US 64 this week.

**Bridges**

- Site #26 Nancy Branch: Formed and Poured End Bent #2. Installed SIP decking on Span 1 and 2.
- Site #25 McCrimmon: Installed MSE Panels at End Bent #1 and #2.
- Site #23 Panther Creek: Erected all Girders on NB & SB.
- Site #19 White Oak Creek: Installed drill shafts Bent #4 and NB Columns at Bent #2 and #1. Completed caps at Bent #3 NB and Bent #6 SB. Forming NB caps at Bent #2 and Bent #1.
- Site #18 Jacks Branch: Installed temporary wire wall and span B SB girders set.
- Site #14 US 64: Excavated/Formed/Poured footings at Bent #1 SB.