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MPO Board 6/10/2015 Item 13

Route: I-540 Contract Number: C202507 **Physical Division:** 5 County: Durham Administrative Division: 15 TIP Number: R-2635, U-4763B Federal Aid Number: TIFIA-540(2) Length: 18.8 miles

Resident Engineer: George C. Gibson, PE **RE Phone Number:** (919)571-3000

Location Description: NC-540 FROM NC-55 NEAR APEX TO NC-54 NEAR RTP AND NC-147 FROM I-40 TO NC-540.

Type of Work: DESIGN-BUILD LANDSCAPING. Contractor Name: SOUTHERN GARDEN, INC.

Contract Amount: \$4,800,000.00 Cost Overrun/Underrun:

Availability Date: 8/15/2011 Letting Date: 4/21/2011 Completion Date: 7/1/2015 Work Began: 8/15/2011

**Revised Completion Date: Estimated Completion:** Last Estimate Thru: **Scheduled Progress:** Last Estimate Paid: **Actual Progress:** 

Contract Number: C203128 Route: SR-1978 Physical Division: 5 County: Durham

TIP Number: U-4716, U-4716A, U-4716B **Administrative Division: 5** 

U-4716C

Length: 4.203 miles Federal Aid Number: FRA-FR-HSR-0006-10-01-00

Resident Engineer: Michelle H. Gaddy, PE **RE Phone Number:** (919)840-0914

Location Description: CLEGG PASSING SIDING & HOPSON RD GRADE SEPARATION AND CLOSING OF AT-GRADE RR CROSSINGS.

Type of Work: GRADING, DRAINAGE, PAVING, STRUCTURE & TRACKBED.

Contractor Name: FSC II LLC DBA FRED SMITH COMPANY

Contract Amount: \$10,900,447.15 Cost Overrun/Underrun: 23.63% Availability Date: 12/31/2012 Letting Date: 11/20/2012 Completion Date: 12/28/2015 Work Began: 1/30/2013 Revised Completion Date: 10/21/2016 Estimated Completion: 10/21/2016 Last Estimate Thru: 5/7/2015 Scheduled Progress: 95.8% Last Estimate Paid: 5/29/2015 Actual Progress: 91.13%

Contract Number: C203273 Route: **Physical Division:** 5 County: Durham TIP Number: Administrative Division: 5 Length: 1.189 miles Federal Aid Number:

Resident Engineer: E. Boyd Tharrington, PE RE Phone Number: (919)562-7000

**Location Description:** REPLACEMENT OF 4 BRIDGES IN DURHAM CO, 3 BRIDGES IN GRANVILLE CO AND 1 BRIDGE IN VANCE CO.

Type of Work: DESIGN BUILD.

Contractor Name: FSC II LLC DBA FRED SMITH COMPANY

**Contract Amount:** \$8,800,000.00 Cost Overrun/Underrun: 0% Availability Date: 4/29/2013 Letting Date: 3/19/2013 Completion Date: 9/30/2016 Work Began: 4/29/2013 **Revised Completion Date:** Estimated Completion: 9/30/2016 Last Estimate Thru: 4/30/2015 Scheduled Progress: 43% Last Estimate Paid: 5/18/2015 Actual Progress: 38.65%

Contract Number: C203394 Route: I-885, NC-98, US-70

NC-147 County: Durham

**Physical Division:** 5 TIP Number: U-0071 Administrative Division: 5

Length: 4.009 miles Federal Aid Number:

Resident Engineer: Michelle H. Gaddy, PE RE Phone Number: (919)840-0914

Location Description: EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147 (BUCK DEAN FREEWAY) IN DURHAM.

Type of Work: GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

Contractor Name: DRAGADOS USA INC

Contract Amount: \$141,949,500.00 Cost Overrun/Underrun: 0% Availability Date: 2/1/2015 Letting Date: 11/18/2014 Completion Date: 1/10/2020 Work Began: 2/26/2015 **Revised Completion Date:** Estimated Completion: 1/10/2020 Last Estimate Thru: 4/30/2015 Scheduled Progress: 7% Last Estimate Paid: 5/21/2015 Actual Progress: 7.12%

Contract Number: C203618 Route: NC-54, NC-157, NC-751

SR-1104, SR-1116, SR-1127 SR-1261, SR-1321, SR-1322 ProgLoc Search Page 2 of 2

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SR-1364, SR-1365, SR-1471 SR-1902, SR-1926, SR-2104 SR-2294, US-15501, US-70bus

**Physical Division:** 5 County: Durham **TIP Number:** Administrative Division: 5

> Length: 25.28 miles Federal Aid Number:

Resident Engineer: Alan W. Shapiro, PE RE Phone Number: (919)220-4680

Location Description: 1 SECTION EACH OF NC-751, US-15/501 BUS, NC-157 & NC-54, 2 SECTIONS OF US-70 BUS AND 13 SECTIONS OF SECONDARY ROADS.

Type of Work: MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

Contractor Name: CAROLINA SUNROCK LLC

Contract Amount: \$5,988,985.15 Cost Overrun/Underrun:

Availability Date: 3/2/2015 Letting Date: 11/18/2014 Completion Date: 4/29/2016 Work Began: 4/15/2015

**Revised Completion Date: Estimated Completion:** Last Estimate Thru: **Scheduled Progress:** Last Estimate Paid: **Actual Progress:** 

Contract Number: DE00107 Route: SR-1004, SR-1648

**Physical Division:** 5 County: Durham Administrative Division: 5 TIP Number: SS-4905BI

Federal Aid Number: Lenath: 0 miles

Resident Engineer: Alan W. Shapiro, PE RE Phone Number: (919)220-4680

Location Description: SR 1004 (OLD OXFORD RD) AT SR 1648 (DANUBE LANE) Type of Work: INTERSECTION IMPROVEMENTS AT SR 1004 AND SR 1648

Contractor Name: CAROLINA SUNROCK LLC

**Contract Amount:** \$393,358.60 Cost Overrun/Underrun:

Availability Date: 5/1/2015 Letting Date: 3/11/2015 Work Began: 5/4/2015 Completion Date: 7/30/2015

**Revised Completion Date: Estimated Completion:** Last Estimate Thru: Scheduled Progress: Last Estimate Paid: **Actual Progress:** 

> Contract Number: DE00115 Route: SR-1114, SR-1437, SR-1569

SR-1621, SR-1967

**Physical Division:** 5 County: Durham **Administrative Division:** 5 TIP Number: Length: 1.35 miles Federal Aid Number:

Resident Engineer: Alan W. Shapiro, PE RE Phone Number: (919)220-4680

Location Description: SR 1967 (SMALLWOOD DR) FROM SR 1973 TO END

Type of Work: DISTRICT 2 SETUP AND PAVE Contractor Name: CAROLINA SUNROCK LLC

Contract Amount: \$397,406.45 Cost Overrun/Underrun:

Availability Date: 5/4/2015 **Letting Date: 4/8/2015** Completion Date: 7/1/2015 Work Began: 5/9/2015

**Revised Completion Date: Estimated Completion:** Last Estimate Thru: Scheduled Progress: Last Estimate Paid: **Actual Progress:** 

Let (B)	TIP Sub No.	<u>Div</u>	County	Let Type	<u>Description</u>	R/W (B)	Con Est	ROW Est	Comment
06/15	SR-5001U	5	DURHAM	NON - DOT LET (Local)	DURHAM - SAFE ROUTES TO SCHOOL INSTALL APPROXIMATELY 157 LFOF 5 FT SIDEWALK AND WHEELCHAIR RAMP ALONG SR 1138 (CORNWALLIS ROAD) NEAR ROGERS-HERR MIDDLE SCHOOL		\$12,568		City dropped Federal Funding. Project to be City funds only.
06/15	U-4726HL	5	DURHAM	NON - DOT LET (Local)	DURHAM - SIDEWALK ON BARBEE STREET BETWEEN THE EXISTING SIDEWALK AT PEARSONTOWN ELEMENTARY SCHOOL AND ORINDO DRIVE; ANDSIDEWALK IN FORMER FAYETTEVILLE STREET RIGHT OF WAY TO CONNECT THE DURHAM AREA TRANSIT AUTHORITY (DATA) ADMINISTRATIVEOFFICES WITH GEER STREET		\$40,863		City dropped Federal Funding. Project to be City funds only.
07/15	U-3308	5	DURHAM	Raleigh Letting (LET)	DURHAM - NC 55 (ALSTON AVENUE) FROM NC 147 (DURHAM FREEWAY)TO NORTH OF US 76 BUSINESS - NC 38 (HOLLOWAY STREET). WIDENTO FOUR-LANE DIVIDED FACILITY FROM NC 147 TO MAIN STREET AND REPLACE NORFOLK SOUTHERN RAILROAD BRIDGES.	04/13 \$30,900,000 \$3,869,000		\$3,869,000	
08/15	EB-5514	5	DURHAM	NON - DOT LET (Bicycle and Pedestrian)	UNIVERSITY DRIVE (SR 2220, NC 751, SR 1183) FROM SR 2220 OLD CHAPEL HILL ROAD) TO SR 1158 (WEST CORNWALLIS ROAD)		\$1,025,000		
08/15	W-5601Y	5	DURHAM	Division POC Let (DPOC)	I-85 NORTHBOUND BETWEEN NC 147 AND SR 1401 (COLE MILL ROAD)		\$249,945		
09/15	C-5178	5	DURHAM	NON - DOT LET (Congestion Mitigation)	DURHAM - CAMPUS WALK AVENUE, MORREENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD CONSTRUCTSIDEWALKS		\$336,000		
09/15	C-5183B	5	DURHAM	NON - DOT LET (Congestion Mitigation)	DURHAM - CONSTRUCT SIDEWALKS		\$1,254,000		
02/16	W-5601E	5	DURHAM	Division POC Let (DPOC)	NC 157 (GUESS ROAD) AT NORTH POINTE DRIVE/ALBANY STREET	06/15			
09/16	C-5572	5	DURHAM	NON - DOT LET (Congestion Mitigation)	DURHAM - WEST ELLERBE CREEK GREENWAY, CONSTRUCTION PHASE II, WESTOVER PARK TO STADIUM DRIVE RAIL IN DURHAM. CONSRTUCT MULTI-USE PATH.		\$1,352,000		
09/16	EB-4707A	5	DURHAM	Division Design Raleigh Let (DDRL)	DURHAM/CHAPEL HILL FROM US 15/501 IN ORANGE COUNTY TO SR 1113 (POPE ROAD) IN DURHAM COUNTY BICYCLE, PEDESTRIAN AND TRANSIT IMPROVEMENTS	08/15	\$3,100,000	\$2,650,000	Supplemental Agreement to split plans signed.
09/16	EB-4707B	5	DURHAM	Division Design Raleigh Let (DDRL)	DURHAM/CHAPEL HILL - SR 2220 (OLD DURHAM CHAPEL HILL ROAD) FROM SR 1113 (POPE ROAD) TO SR 1116 (GARRETT ROAD)	08/12	\$5,150,000		Supplemental Agreement to split plans signed. Finalizing Permits and CORP property acquisition before Duke Power can begin relocation.
09/16	I-5729	5	DURHAM	Division Design Raleigh Let (DDRL)	I-85 FROM 0.5 MILES WEST OF US 501 TO 0.1 MILES EAST OF SR 1827 (MIDLAND TERRACE ROAD) IN DURHAM. PAVEMENT PRESERVATION.				
06/17	B-4943	5	DURHAM	Raleigh Letting (LET)	RELPACE BRIDGE 20 OVER DIAL CREEK ON SR 1616	06/16	\$700,000		
09/18	C-4928	5	DURHAM	NON - DOT LET (Congestion Mitigation)	CONSTRUCT BIKE LANES AND SIDEWALKS ON SR 1317 (MORREENE RD)IN DURHAM FROM NEAL ROAD TO ERWIN ROAD		\$5,783,000	\$7,000	
09/18	U-4724	5	DURHAM	NON - DOT LET (Bicycle and Pedestrian)	SR 1158 (CORNWALLIS RD) FROM SOUTH ROXBORO RD TO SR 1183 (UNIVERSITY DR) IN DURHAM, BIKE AND PEDESTRIAN FEATURES.		\$4,978,000		
09/18	U-5745	5	DURHAM	Raleigh Letting (LET)	NC 751 (HOPE VALLEY ROAD) AT SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM CONSTRUCT ROUNDABOUT	09/17			
08/19	U-5516	5	DURHAM	Raleigh Letting (LET)	FROM US 501 (ROXBORO ROAD) TO SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) IN DURHAM	08/18	\$2,100,000	\$2,000,000	
10/19	B-5512	5	DURHAM	Raleigh Letting (LET)	REPLACE BRIDGE 89 OVER LICK CREEK ON SR 1902	10/18	\$1,050,000	\$100,000	
08/15	Small Constr.	5	DURHAM	Division POC Let (DPOC)	Barbee Rd at Herndon Rd - RBT		\$630,000	\$150,000	Opened Bids. Rejected all - above budget. Revisiting plans.
07/15	SS-4905BM	5	DURHAM	Division POC Let (DPOC)	Carver St. (SR 1407) at Broad St./Kenan Rd Mini-Roundabout		\$320,000	\$33,000	Utility Relocation
08/15	SS-4905CJ	5	DURHAM	Division POC Let (DPOC)	US 70 at Peyton Ave. (SR 1957) - construct island and revise pm's		\$30,000	N/A	Construction in July
06/15	SS 4906BP	5	DURHAM	Division POC Let (DPOC)	Upgrade SR 1327 (Gregson St) at Club Blvd replace existing ped heads, add flashing yellow arrows, remove concrete island in NW quadrant, cut back islands on north and west legs Revised Scope to (1) SR 1327 (Gregson St) at Peabody Install traffic signal (2) SR 1327 (Gregson St) between I-85 NB off ramp and Entrance to Northgate Mall		\$36,000 N/A		RR permission granted. Project is advertised.
06/15	SS 4905BT	5	DURHAM	Division POC Let (DPOC)	Upgrade trafic signal to flashing yellow arrow on EB Club Blvd and Duke St. Install pedestrian accommodations on all legs of the intersection. Scope changed to add US 15-501 Bus (Roxboro St) at Pettigrew St. At US 15-501 Bus/Pettigrew reivise traffic signal to include over height Preempt, LED Blankout sign and metal poles and mast arms	\$36,000 N/A			RR permission granted. Project is advertised.
07/15	SS-4905CK	5	DURHAM	Division POC Let (DPOC)	Flashing Yellow Arrow and pedestrian accommodations for 8 signals along US 501 Bus.		\$355,000	\$20,000	Need plans
07/15	3605.3.02	5	DURHAM	Division annual needs contract	Install Signal with Pedestrian Crossing at Erwin/Randolph		\$60,000	\$0	Waiting on signal plans. R/W from HOA acquired.
	Developer 36249.3312	5	DURHAM	Developer	Signal upgrade/modifications as part of BCBS TIA requirements		\$5,000 review cost	N/A	Plans not yet reviewed
	W-5205N	5	DURHAM	Division annual needs contract	Install new traffic signal at US 15-501 Bus (Universtity) and Summit/Forestwood		\$125,000	\$ 8,000.00	Under Construction

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TIP/WBS#	Description	Let Date	Completion Date	Contractor	Status	Cost	Comments
44348	Signal improvements to accommodate pedestrians on NC 54 at the intersection of West Poplar Ave. (non-system)		4/24/2015	State Forces	Completed 4/10/2015.	\$15,840	Small Construction
P-4405F 62000.7.STR10T4	PCSI Closure at Lloyd Dr. and road improvments at SR 1239 //85 Connector from approx. 650ft northwest of NS/NCRR Overpass west of Hillsborough	10/16/2014	1/31/2016	FSC II, LLC DBA Fred Smith Co.	12% Complete 8%-Schedule	\$344,439	ARRA - Rail
	PCSI Closures at Gordon Thomas Dr., Greenbriar Dr., Byrdsville Rd st NS/NCRR southwest of <b>Hillsborough</b>	10/20/2015	Summer 2016		Design Underway	\$536,319 \$177,513 \$761,200	ARRA - Rail
	Four-way stop installation at intersection of SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.) in <b>Orange Co.</b>		Spring 2015-Pending Radius Improvements	State Forces	Flasher work 35% complete; Coordinating utilities. Radius work scheduled to begin in June.	\$33,000 PE \$15,000 ROW \$150,000 CON	State Spot Safety-Radius improvement scheduled for June
SS-4907BE 44194.3.1	Installation of curve warning signs, chevrons, pavement markings, snowplowable markers, and sign post delineators on SR 1010 (Franklin Street) between Boundary Street and Deming Road in <b>Chapel Hill.</b>		4/24/2015	State Forces	Flasher installation complete. Waiting on Duke Energy to provide power.	\$12,800	State Spot Safety
SS-4907BF 44271.1.FD1 44271.2.1 44271.3.1	Radius and sight distance improvements at the intersection of SR 1567 (Pleasant Green Road) and SR 1569 (Cole Mill Road) in <b>Orange Co</b> .		11/30/2015	State Forces	Design Underway-RW plans and utility relocation pending	\$15000 PE \$80,000 R/W \$53,600 CON	State Spot Safety
	All way stop installation and flasher revisions at the intersection of SR 1710 (Old NC 10) at SR 1713 (Mount Hermon Church Road) in <b>Orange Co.</b>		7/1/2015	State Forces	R/W Certified; Clearing sight triangle complete	\$3000 PE \$6400 R/W \$15,208 CON	State Spot Safety
44324.1.FD1	Installation of snowplowable center line markers, signal ahead warning signs, pavement markings, and warning sign revisions on the approaches of the intersection at SR 1005 (Old Greensboro Rd) and SR 1942 (Jones Ferry Rd) in <b>Carrboro</b> .		9/30/2015	State Forces	Completed 5/12/2015.	\$3000 PE \$30,000 CON	State Spot Safety
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	NCDOT DIV 7 ACT	<u> TIVE</u> PROJE	CTS LOCATED IN DCH	MPO Board 6/10/2015 Item 13			
TIP/WBS#	Description	Let Date	Completion Date	Contractor	Status	Cost	Comments
U-2803 C203028 34860.3.1	Widening of SR 1919 (Smith Level Road) from Rock Haven Road to Bridge # 88 over Morgan Creek in <b>Carrboro</b> .	12/18/2012	Revised completion date January 2016	Yates Construction, Inc.	65% Complete (Revised) 76% Schedule	\$4,946,197	TIP, Utility conflicts cleared
U-5549 SS- 4907AZ 50153.3.F1 43987.1.FR1 43987.3.1 44227 44247	Churton Street Access Improvements - Traffic signal and curb ramp revisions on east side of NC 86 (Churton Street) at SR 1150/SR 1002 (King Street), and NC 86 (Churton Street) at Margaret Street. Grading, curb & gutter, crosswalks and signal modifications on the west side of NC 86 /US 70 Bus.(Churton Street) from Tryon Street to just south of Margaret Street. Grading, curb & gutter, crosswalk and bus pull-out on NC 86 / US 70 Bus. (Churton Street) from south of Margaret Street to just south of Nash and Koolock Street in Hillsborough.	Pending coordination with Town of Hillsborough and SHPO	Pending coordination with Town of Hillsborough		Design in progress (75% complete), STPDA Funds Approved, RW certification pending town submittal. PCE approved Feb. 2015. Coordinating UST remediation.	\$156,000 CON(80%) \$15,000 PE \$37,600 CON \$245,000 CON \$120,000 CON	Spot Safety- State (ADA curb ramp). Combine with Small Construction, Contingency, STP-DA. LAP- Town of Hillsborough, MA pending.
W-5207I 45337.1.9 45337.2.FD9 45337.3.FD9	Intersection improvements which includes sidewalks, traffic signal, and median construction with bike lanes on SR 1005 (Jones Ferry Road) at Davie Street in <b>Carrboro</b> .	7/1/2015	Fall 2015		R/W acquisition underway (80% Complete)	\$50,000 PE \$75,000 R/W \$600,000 CON	High Hazard Safety, Need more PE funding

## NCDOT DIVISION 8 PROJECTS IN DCHC MPO - CHATHAM COUNTY

ACTIVE PROJECTS									
ACTIVE PROJECTS									
TIP/WBS # or Contract #	Description	Let Date	Completion Date	Status	Cost	Contractor	Comments		
W-5208G/ 4 5338.3.7	SR-1717 (Jack Bennett Rd), just west of SR 1716 Big Woods Road. Realign horizontal curve.	Jan-15	Nov-15	Work began 3/9/15 32% Complete	\$750,192	Sanford Construction	Road closed to through traffic until June 20th. Message signs are in place along US 15-501 to alert drivers of the detour route - Lystra Road.		
C-5176/ TF15-002	New Hope Church Road Trailhead Park Construction of a 100 space parking lot; restroom bldg; drinking fountains; bicycle racks; bench/two picnic tables; public art; landscaping and utilities.	Oct-14	Jun-15	Project Under Construction	\$1,485,363	Barnhill Contracting, Inc.	Project is being administered by Town of Cary. Work began Fall 2014. Project is on schedule to be finished in June.		
		RESU	RFACING	PROJECTS					
TIP/WBS # or Contract #	Description	Let Date	Completion Date	Status	Cost	Contractor	Comments		
C203570	Chatham County Resurfacing: SR 1008 Farrington Road/Mt. Carmel Rd Resurfacing from US 64 to Orange County Line (9.3 mi).	Jun-14	Jun-15	40% Complete	\$3,740,907	S.T. Wooten	Milling, resurfacing and shoulder reconstruction is complete. Final pavement markings to be installed.		
UPCOMING PROJECTS									
TIP/WBS # or Contract # Description		NCBOT Approval Date		Status	Cost	Comments			
SS-4908AM	NC 751 at SR 1733 New Hope Church Road. Construct a southbound left turn lane on NC 751.	7/1	0/2014	Project Let Date August 2015	Est. Cost \$205,200	Safety Pro	ject: Project design underway. R/W in progress.		