

THURSDAY, FEBRUARY 6, 2014 – 8:30AM

Room 150

**Call to Order
Invocation
Approval of January Board Minutes
Ethics Declaration**

**Chairman Curran
Jake Alexander**

Information and Delegated Authority

Secretary's Remarks

Secretary Tata

- (Item C) Award of Highway Construction Contracts
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Approval of Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Economic Development, Public Access and Senate Bill 1005 Discretionary

**Ferry Tolling Methodology Update
Implementing Vision for Strategic Transportation Investments Update
Statewide Response to Winter Storm – Week of January 26, 2014
Division 5 Update**

**Richard Walls
Susan Pullium
Mike Holder
Mike Smith**

Action

Approval of Projects

Chairman Curran

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
- (Item J) Specific State Funds for Construction Projects
- (Item K) Strategic Transportation Investments Funding and Specific North Carolina Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) TIP Amendments
- (Item O) Municipal and Special Agreements
- (Item R) Right of Way Resolutions and Ordinances

**Committee Reports
Other Business
Adjourn**

Chairman Curran

PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
February 5 - 6, 2014

Delegated Authority Secretary Tata

- (Item C) Award of Highway Construction Contracts from January 21, 2014 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Approval of Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Economic Development, Public Access and Senate Bill 1005 Discretionary
- (Item L) Approval of Funds for Specific Spot Safety Improvement Projects

Action Chairman Curran

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
- (Item J) Approval of Specific State Funds for Construction Projects
- (Item K) Approval of Strategic Transportation Investments Funding and Specific North Carolina Trust Funds
- (Item M) Approval of Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2012-2020 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JANUARY 21, 2014
 DIVISION 00001

C203381
 43546.3
 STATE FUNDED
 DARE

PROPOSAL LENGTH MILES
 TYPE OF WORK 12" CUTTER HEAD SUCTION/DISCHARGE DREDGE.
 LOCATION DARE COUNTY

EST CONST PROGRESS.... FY-2014..29% OF BID
 FY-2015..60% OF BID
 FY-2016..11% OF BID

RPN 030 2 BIDDER(S) MBE GOAL 0.00 % WBE GOAL 0.00%
 ESTIMATE 6,996,640.00

DATE AVAILABLE MAR 03 2014
 FINAL COMPLETION OCT 31 2015

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
DSC DREDGE, L.L.C.	81.00	5.50	7,905,189.00	+13.0	434,785.40	7,470,403.61	+6.8

* BOND EXECUTED IMPROPERLY
 * APPROPRIATE TITLE NOT SELECTED

ELLICOTT DREDGES, LLC	96.00	13.00	12,949,000.00	+85.1	1,683,370.00	11,265,630.00	+61.0
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* BID EXECUTED IMPROPERLY
 * BOND EXECUTED IMPROPERLY
 * APPROPRIATE TITLE NOT SELECTED & MISSING POA

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00002

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ITEM C

C202848
34528.3.FR1
STPNHF-0070(132)
CARTERET
R-3307

PROPOSAL LENGTH 3.755 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

LOCATION US-70 FROM EXISTING 4 LANE AT RADIO ISLAND TO US-70 NORTH OF SR-1429 (OLGA RD).

EST CONST PROGRESS.... FY-2014..10% OF BID
FY-2015..32% OF BID
FY-2016..25% OF BID
FY-2017..20% OF BID
FY-2018..12% OF BID
FY-2019..01% OF BID

RPN 001 8 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 72,734,463.49

DATE AVAILABLE MAR 03 2014
INTER COMPLETION JUL 15 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
SEP 15 2017 COMPLETE ALL WORK REQUIRED OF PHASE IV, STEP 5
FINAL COMPLETION JAN 11 2019

	\$ TOTALS	% DIFF
CONTI ENTERPRISES, INC EDISON, NJ	66,437,774.00	-8.7
FLATIRON CONSTRUCTORS INC FIRESTONE, CO	69,302,084.90	-4.7
PCL CIVIL CONSTRUCTORS INC TAMPA, FL	69,765,385.10	-4.1
AMERICAN BRIDGE COMPANY CORAOPOLIS, PA	69,910,460.70	-3.9
S. T. WOOTEN CORPORATION WILSON, NC	70,467,198.24	-3.1
DRAGADOS USA INC NEW YORK, NY	70,768,628.60	-2.7
ENGLISH CONSTRUCTION CO., INC. LYNCHBURG, VA	72,105,384.40	-0.9
BALFOUR BEATTY INFRASTRUCTURE INC ATLANTA, GA	81,020,527.99	+11.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00002

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C203304
38748.3.FS1
NHS-17(32)
BEAUFORT
K-3800

PROPOSAL LENGTH 0.374 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND REST AREA.

LOCATION RELOCATION OF US-17 REST AREA.

EST CONST PROGRESS.... FY-2014..42% OF BID
FY-2015..58% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 10.00 %

ESTIMATE 4,838,158.40

DATE AVAILABLE MAR 03 2014

INTER COMPLETION APR 15 2015 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION OCT 12 2015

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY TARBORO, NC	4,339,114.45	-10.3
SAWYER'S LAND DEVELOPING, INC BELHAVEN, NC	4,472,539.30	-7.6
E R LEWIS CONSTRUCTION CO., INC. DBA HIGHWAY 33 LANDFILL GREENVIL	4,908,791.68	+1.5
TRADER CONSTRUCTION CO. NEW BERN, NC	5,124,746.25	+5.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00002

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C203300
42249.3.FD1
BRZ-1588(2)
PITT
B-5111

PROPOSAL LENGTH 0.072 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE OVER BRIERY CREEK ON SR-1588.

EST CONST PROGRESS.... FY-2014..89% OF BID
FY-2015..11% OF BID

RPN 005 4 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 708,661.67

DATE AVAILABLE MAR 03 2014

INTER COMPLETION ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT
VEGETATION ESTABLISHMENT 150 DAYS AFTER ROAD CLOSURE

FINAL COMPLETION 330 DAY(S) AFTER ROAD CLOSURE

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	696,341.52	-1.7
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	729,697.25	+3.0
DELLINGER, INC. MONROE, NC	816,360.05	+15.2
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	854,322.26	+20.6

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JANUARY 21, 2014
 DIVISION 00003

C203199
 34491.3.GVS3
 NHS-0017(124)
 BRUNSWICK
 R-2633BA

PROPOSAL LENGTH 4.638 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, ITS AND STRUCTURES.

LOCATION US-17 (WILMINGTON BYPASS) FROM US-74/76 EAST OF MALMO TO SR-1430 (CEDAR HILL RD)

EST CONST PROGRESS.... FY-2014..05% OF BID
 FY-2015..44% OF BID
 FY-2016..28% OF BID
 FY-2017..18% OF BID
 FY-2018..05% OF BID

RPN 002 6 BIDDER(S) DBE GOAL 11.00 %
ESTIMATE 81,460,392.66

DATE AVAILABLE MAR 03 2014
 INTER COMPLETION NOV 01 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION APR 30 2018

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY TARBORO, NC	79,683,198.70	-2.2
S. T. WOOTEN CORPORATION WILSON, NC	83,622,727.33	+2.7
BALFOUR BEATTY INFRASTRUCTURE INC ATLANTA, GA	83,752,568.50	+2.8
VECELLIO & GROGAN INC BECKLEY, WV	86,423,166.15	+6.1
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	94,972,512.16	+16.6
A. O. HARDEE & SON, INC. LITTLE RIVER, SC	106,045,564.28	+30.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00003

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C203302
42304.3.FD1
BRZ-1105(20)
DUPLIN
B-5143

PROPOSAL LENGTH 0.137 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #408 OVER STEWARTS CREEK ON SR-1105.

EST CONST PROGRESS.... FY-2014..100% OF BID

RPN 006

4 BIDDER(S)

DBE GOAL 7.00 %

ESTIMATE 740,891.75

DATE AVAILABLE MAR 03 2014

INTER COMPLETION JUL 01 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION DEC 29 2014

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	753,127.00	+1.7
TRADER CONSTRUCTION CO. NEW BERN, NC	768,064.38	+3.7
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	834,941.65	+12.7
S. T. WOOTEN CORPORATION WILSON, NC	836,871.08	+13.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00003

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C203480
3CR.10101.150, 3CR.10651.150, 3CR.10711.150, 3CR.20101.150, 3CR.20651.150
STATE FUNDED
BRUNSWICK, NEW HANOVER, PENDER

PROPOSAL LENGTH 46.220 MILES

TYPE OF WORK MILLING, RESURFACING, & SHOULDER RECONSTRUCTION.

LOCATION VARIOUS SECTS OF US-17 SBL, US-17 BUS, US-17/US-421, US-117, US-421, NC-11/NC-53 &
NC-53 AND 24 SECTS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2014..35% OF BID
FY-2015..65% OF BID

RPN 007 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 12,664,075.72

DATE AVAILABLE MAR 17 2014

FINAL COMPLETION MAY 15 2015

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY TARBORO, NC	11,270,920.40	-11.0
S. T. WOOTEN CORPORATION WILSON, NC	12,162,303.71	-4.0
HIGHLAND PAVING CO., LLC FAYETTEVILLE, NC	12,617,805.80	-0.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00004

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C203476
4CR.10511.26
STATE FUNDED
JOHNSTON

PROPOSAL LENGTH 12.105 MILES

TYPE OF WORK MILLING AND RESURFACING.

LOCATION 3 SECTIONS OF US-301 AND 1 SECTION OF NC-42.

EST CONST PROGRESS.... FY-2014..67% OF BID
FY-2015..33% OF BID

RPN 008 4 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 2,413,331.60

DATE AVAILABLE MAR 03 2014

FINAL COMPLETION OCT 15 2014

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,980,323.37	-17.9
S. T. WOOTEN CORPORATION WILSON, NC	2,162,865.87	-10.4
BARNHILL CONTRACTING COMPANY TARBORO, NC	2,186,807.59	-9.4
JOHNSON BROS. UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	2,489,489.08	+3.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00005

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C203294
38459.3.FD1
BRZ-1314(4)
WARREN
B-4666

PROPOSAL LENGTH 0.076 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #80 OVER HAWTREE CREEK ON SR-1314.

EST CONST PROGRESS.... FY-2014..80% OF BID
FY-2015..20% OF BID

RPN 009 4 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 699,003.52

DATE AVAILABLE MAR 03 2014

INTER COMPLETION AUG 25 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 20 2015

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	734,514.50	+5.1
THE HURLEY GROUP LLC DURHAM, NC	744,268.02	+6.5
S. T. WOOTEN CORPORATION WILSON, NC	771,281.16	+10.3
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	929,838.15	+33.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00006

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C203291
34866.3.FD3
STP-1003(70)
CUMBERLAND
U-2810C

PROPOSAL LENGTH 2.162 MILES

TYPE OF WORK WIDENING, GRADING, DRAINAGE, PAVING, C&G, AND SIGNALS.

LOCATION SR-1003 (CAMDEN RD) FROM EAST OF OAKLAND AVE TO NORTH OF SR-1007 (OWEN DR).

EST CONST PROGRESS.... FY-2015..52% OF BID
FY-2016..40% OF BID
FY-2017..08% OF BID

RPN 003 4 BIDDER(S) DBE GOAL 13.00 %
ESTIMATE 11,762,511.91

DATE AVAILABLE SEP 01 2014

INTER COMPLETION NOV 01 2016 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 01 2017

	\$ TOTALS	% DIFF
HIGHLAND PAVING CO., LLC FAYETTEVILLE, NC	12,063,191.15	+2.6
BARNHILL CONTRACTING COMPANY TARBORO, NC	12,063,722.77	+2.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	12,691,878.83	+7.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	13,656,649.45	+16.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00006

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C203293
38383.3.FD1
BRZ-1700(9)
COLUMBUS
B-4478

PROPOSAL LENGTH 0.095 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #216 OVER WELCH CREEK ON SR-1700.

EST CONST PROGRESS.... FY-2014..95% OF BID
FY-2015..05% OF BID

RPN 010 4 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 764,144.40

DATE AVAILABLE MAR 03 2014

INTER COMPLETION JUL 15 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 12 3015

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC	764,284.42	+0.0
S & C CONSTRUCTION LLC GARLAND, NC	773,254.74	+1.2
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	797,939.14	+4.4
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	827,317.00	+8.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00006

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C203435
45465.3.FS1
STP-0024(53)
CUMBERLAND
R-5512, R-5513

PROPOSAL LENGTH 8.290 MILES

TYPE OF WORK MILLING, RESURFACING, AND BRIDGE PRESERVATION.

LOCATION NC-24 FROM I-95/US-301 BUS TO SR-1006, AND NC-27/87 FROM ROWAN ST TO US-401 BYPASS.

EST CONST PROGRESS.... FY-2014..64% OF BID
FY-2015..36% OF BID

RPN 011 2 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 6,946,293.13

DATE AVAILABLE MAR 03 2014

FINAL COMPLETION NOV 01 2014

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY TARBORO, NC	6,786,916.02	-2.3
JOHNSON BROS. UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	7,263,713.66	+4.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00007

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C203292
33680.3.FD1
BRZ-1122(4)
ALAMANCE
B-4400

PROPOSAL LENGTH 0.131 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #160 OVER S PRONG OF STINKING QUARTER CREEK ON SR-1122 (EULISS RD).

EST CONST PROGRESS.... FY-2014..71% OF BID
FY-2015..29% OF BID

RPN 012 7 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 872,577.02

DATE AVAILABLE MAR 03 2014

INTER COMPLETION OCT 01 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 30 2015

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	837,440.62	-4.0
SMITH-ROWE, LLC	854,878.84	-2.0
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	886,123.79	+1.6
DANE CONSTRUCTION, INC. MOORESVILLE, NC	905,327.83	+3.8
THE HURLEY GROUP LLC DURHAM, NC	913,048.34	+4.6
COUNTRY BOY LANDSCAPING INC HARMONY, NC	922,888.88	+5.8
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	937,704.20	+7.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00007

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C203475
7CR.10791.52, 7CR.20791.52
STATE FUNDED
ROCKINGHAM

PROPOSAL LENGTH 20.274 MILES

TYPE OF WORK MILLING & RESURFACING.

LOCATION US-311 FROM EAST OF SUMMIT ST TO BRIDGE #30 AND 12 SECTIONS OF SECONDARY
ROADS.

EST CONST PROGRESS.... FY-2014..57% OF BID
FY-2015..43% OF BID

RPN 013 5 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 2,395,151.44

DATE AVAILABLE MAR 31 2014

INTER COMPLETION AUG 01 2014 COMPLETE ALL WORK REQUIRED FOR MAP 9

FINAL COMPLETION OCT 31 2014

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	1,920,190.73	-19.8
LARCO CONSTRUCTION A DIVISION OF BRANSCOME INC WINSTON SALEM,	1,988,026.11	-17.0
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	1,998,784.58	-16.5
SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC. GREENSBORO, N	2,069,368.59	-13.6
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	2,509,626.68	+4.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JANUARY 21, 2014
DIVISION 00008

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C202962
34542.3.FS5
HPPNHS-0220(65)
RICHMOND
R-3421C

PROPOSAL LENGTH 3.724 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.

LOCATION I-73/74 FROM SW OF SR-1304 (HARRINGTON RD) TO I-73/74 INTERCHANGE, SOUTH OF ELLERBE.

EST CONST PROGRESS.... FY-2014..13% OF BID
FY-2015..37% OF BID
FY-2016..28% OF BID
FY-2017..19% OF BID
FY-2018..03% OF BID

RPN 014 5 BIDDER(S) DBE GOAL 12.00 %
ESTIMATE 50,891,840.42

DATE AVAILABLE MAR 03 2014
INTER COMPLETION OCT 17 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 30 2018

	\$ TOTALS	% DIFF
W. C. ENGLISH, INC. LYNCHBURG, VA	49,840,728.96	-2.1
BARNHILL CONTRACTING COMPANY TARBORO, NC	50,382,495.16	-1.0
JONES BROTHERS INC. MOUNT JULIET, TN	52,152,632.51	+2.5
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	52,417,034.80	+3.0
C. M. LINDSAY & SONS, INC. LUMBERTON, NC	53,559,381.96	+5.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
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C203297
38504.3.FD1
BRZ-2159(1)
CHATHAM
B-4731

PROPOSAL LENGTH 0.125 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #129 OVER HARLAND'S CREEK ON SR-2159 (ALSTON CHAPEL RD).

EST CONST PROGRESS.... FY-2014..76% OF BID
FY-2015..24% OF BID

RPN 015 9 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 902,165.10

DATE AVAILABLE MAR 03 2014 THRU APR 01 2014

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT
VEGETATION ESTABLISHMENT 195 DAYS AFTER START DATE

FINAL COMPLETION 375 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	823,329.48	-8.7
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	824,711.00	-8.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	881,399.15	-2.3
SMITH-ROWE, LLC	883,877.92	-2.0
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	905,522.81	+0.4
THE HURLEY GROUP LLC DURHAM, NC	908,855.32	+0.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	918,018.40	+1.8
COUNTRY BOY LANDSCAPING INC HARMONY, NC	920,888.88	+2.1
DELLINGER, INC. MONROE, NC	963,846.70	+6.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
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JANUARY 21, 2014
DIVISION 00010

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C203296
38494.3.FD1
BRZ-2610(1)
CABARRUS
B-4720

PROPOSAL LENGTH 0.076 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #113 OVER DUTCH BUFFALO CREEK ON SR-2610.

EST CONST PROGRESS.... FY-2015..100% OF BID

RPN 017 7 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 652,307.63

DATE AVAILABLE JUN 12 2014

INTER COMPLETION SEP 25 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 24 2015

	\$ TOTALS	% DIFF
TCB BUILDERS, LLC LEXINGTON, NC	533,390.25	-18.2
COUNTRY BOY LANDSCAPING INC HARMONY, NC	575,888.88	-11.7
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	580,842.62	-11.0
DELLINGER, INC. MONROE, NC	594,795.80	-8.8
DANE CONSTRUCTION, INC. MOORESVILLE, NC	616,016.30	-5.6
DEVERE CONSTRUCTION COMPANY, INC ALPENA, MI	647,873.75	-0.7
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	674,015.41	+3.3

HIGHWAY LETTING
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C203386
37044.3.FR1
STP-0021(14)
ALLEGHANY
R-3101

PROPOSAL LENGTH 9.684 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.

LOCATION US-21 FROM SR-1100 (OKLAHOMA RD) TO SR-1121 (PINE SWAMP RD).

EST CONST PROGRESS.... FY-2014..07% OF BID
FY-2015..40% OF BID
FY-2016..30% OF BID
FY-2017..19% OF BID
FY-2018..04% OF BID

RPN 018 4 BIDDER(S) DBE GOAL 10.00 %

ESTIMATE 18,959,851.12

DATE AVAILABLE APR 30 2014

INTER COMPLETION OCT 01 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 30 2018

	\$ TOTALS	% DIFF
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	17,746,033.40	-6.4
DLB, INC DBA DLB INC (OF VA) HILLSVILLE, VA	20,955,972.42	+10.5
VECELLIO & GROGAN INC BECKLEY, WV	22,510,569.16	+18.7
BRANCH HIGHWAYS, INC. ROANOKE, VA	23,778,781.00	+25.4

HIGHWAY LETTING
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C203295
38480.3.FD1
BRZ-1376(2)
ASHE
B-4705

PROPOSAL LENGTH 0.061 MILES

TYPE OF WORK GRADING, DRAINAGE AND CULVERT.

LOCATION BRIDGE #69 OVER LITTLE HELTON CREEK ON SR-1376.

EST CONST PROGRESS.... FY-2014..70% OF BID
FY-2015..30% OF BID

RPN 019 3 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 355,928.26

DATE AVAILABLE APR 15 2014

INTER COMPLETION SEP 01 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 27 2015

	\$ TOTALS	% DIFF
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	372,659.46	+4.7
MILLER ENGINEERING COMPANY, INC MARION, NC	402,707.75	+13.1
D.H. GRIFFIN INFRASTRUCTURE, LLC GREENSBORO, NC	497,988.00	+39.9

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C203298
38616.3.FD1
BRZ-2418(1)
WILKES
B-4846

PROPOSAL LENGTH 0.077 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #5 OVER LITTLE HUNTING CREEK ON SR-2418.

EST CONST PROGRESS.... FY-2014..89% OF BID
FY-2015..11% OF BID

RPN 020 3 BIDDER(S) DBE GOAL 6.00 %

ESTIMATE 765,861.20

DATE AVAILABLE MAR 03 2014

INTER COMPLETION AUG 01 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2015

	\$ TOTALS	% DIFF
COUNTRY BOY LANDSCAPING INC HARMONY, NC	652,888.88	-14.8
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	693,532.59	-9.4
SMITH-ROWE, LLC	704,026.66	-8.1

HIGHWAY LETTING
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C203301
42299.3.FR1
BRSTP-321A(3)
CALDWELL
B-5138

PROPOSAL LENGTH 0.038 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND CULVERT.

LOCATION BRIDGE #6 OVER LITTLE GUNPOWDER CREEK ON US-321A.

EST CONST PROGRESS.... FY-2014..82% OF BID
FY-2015..18% OF BID

RPN 021 2 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 570,893.95

DATE AVAILABLE MAR 15 2014

INTER COMPLETION AUG 15 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 11 2015

	\$ TOTALS	% DIFF
MILLER ENGINEERING COMPANY, INC MARION, NC	571,931.70	+0.2
D.H. GRIFFIN INFRASTRUCTURE, LLC GREENSBORO, NC	924,337.50	+61.9

HIGHWAY LETTING
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C203303
42307.3.FD1
BRZ-1562(2)
WILKES
B-5146

PROPOSAL LENGTH 0.115 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, TEMP SIGNALS, AND STRUCTURE.

LOCATION BRIDGE #302 OVER MIDDLE FORK OF REDDIES RIVER ON SR-1562.

EST CONST PROGRESS.... FY-2014..37% OF BID
FY-2015..63% OF BID

RPN 022 3 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 1,038,234.34

DATE AVAILABLE MAR 03 2014

INTER COMPLETION JUN 15 2015 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

NOV 15 2014 COMPLETE ALL WORK THRU PHASE III,STEP 1

FINAL COMPLETION DEC 12 2015

	\$ TOTALS	% DIFF
DEVERE CONSTRUCTION COMPANY, INC ALPENA, MI	972,073.18	-6.4
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	1,025,468.65	-1.2
SMITH-ROWE, LLC	1,098,211.08	+5.8

HIGHWAY LETTING
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C203299
42223.3.FD1
BRZ-1149(5)
CATAWBA
B-5101

PROPOSAL LENGTH 0.128 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #83 OVER CLARK CREEK ON SR-1149.

EST CONST PROGRESS.... FY-2014..77% OF BID
FY-2015..23% OF BID

RPN 023 5 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 965,658.93

DATE AVAILABLE MAR 15 2014

INTER COMPLETION SEP 01 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 27 2015

	\$ TOTALS	% DIFF
DEVERE CONSTRUCTION COMPANY, INC ALPENA, MI	894,893.81	-7.3
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	914,752.93	-5.3
TCB BUILDERS, LLC LEXINGTON, NC	928,941.99	-3.8
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,014,468.20	+5.1
COUNTRY BOY LANDSCAPING INC HARMONY, NC	1,033,333.33	+7.0

HIGHWAY LETTING
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, NC 27601-1000

* C203483
46292.3.FS1
IMF-026-1(190)40
BUNCOMBE, HENDERSON
I-5501

PROPOSAL LENGTH 0.492 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

LOCATION I-26 AND NC-280 INTERCHANGE IN ASHEVILLE.

EST CONST PROGRESS.... FY-2014..08% OF BID
FY-2015..61% OF BID
FY-2016..31% OF BID

RPN 024 NO BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 8,455,125.90

DATE AVAILABLE MAY 15 2014
INTER COMPLETION JUN 01 2016 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION NOV 28 2016

SEPTEMBER 17, 2013 LETTING

46292.3.FS1
IMF-026-1(190)40
BUNCOMBE, HENDERSON
I-5501
RPN 016

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

DATE AVAILABLE MAY 15 2014
FINAL COMPLETION NOV 28 2016

ENGINEER'S ESTIMATE

\$6,581,302.00

TENNOCA CONSTRUCTION CO., INC. CANDLER, NC
NHM CONSTRUCTORS, LLC ASHEVILLE, NC

\$ TOTALS	% DIFF
9,816,773.50	+49.2
10,280,050.05	+56.2

JANUARY 21, 2013 LETTING

46292.3.FS1
IMF-026-1(190)40
BUNCOMBE, HENDERSON
I-5501
RPN 024

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

DATE AVAILABLE MAY 15 2014
FINAL COMPLETION NOV 28 2016

\$ TOTALS % DIFF

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203478
13CR.10121.12, 13CR.20121.12
STATE FUNDED
BURKE

PROPOSAL LENGTH 19.040 MILES

TYPE OF WORK WIDENING, MILLING, SHOULDER RECONSTR, & RESURFACING.

LOCATION 3 SECTIONS OF US-64, 2 OF US-70, 1 OF NC-114, US-64/70, US-64-70 BUS, AND 24 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2014..64% OF BID
FY-2015..36% OF BID

RPN 025 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 3,242,272.92

DATE AVAILABLE MAR 15 2014

FINAL COMPLETION OCT 15 2014

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	2,881,906.06	-11.1
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	2,968,031.48	-8.5

HIGHWAY LETTING
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C203481
13CR.10591.13, 13CR.20591.12
STATE FUNDED
MCDOWELL

PROPOSAL LENGTH 22.480 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF US-221, 1 SECTION OF US-221N, 1 SECTION OF NC-226A, AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2014..64% OF BID
FY-2015..36% OF BID

RPN 026 1 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 3,402,164.92

DATE AVAILABLE MAR 15 2014

INTER COMPLETION MAY 15 2014 COMPLETE ALL WORK REQUIRED FOR MAPS 1, 6 & 7

FINAL COMPLETION OCT 15 2014

MAYMEAD, INC. MOUNTAIN CITY, TN \$ TOTALS % DIFF
3,426,569.46 +0.7

HIGHWAY LETTING
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C203482
13CR.10611.13, 13CR.20611.11
STATE FUNDED
MITCHELL

PROPOSAL LENGTH 10.210 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION NC-197 FROM NC-266 TO UNIMIN PLANT RD, NC-226 FROM SR-1250 TO UNIMIN DR, AND 7 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2014..64% OF BID
FY-2015..36% OF BID

RPN 027 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 2,056,605.31

DATE AVAILABLE MAR 15 2014

FINAL COMPLETION OCT 15 2014

	\$ TOTALS	% DIFF
ROGERS GROUP, INC. NASHVILLE, TN	1,829,550.16	-11.0
MAYMEAD, INC. MOUNTAIN CITY, TN	1,991,373.24	-3.2

HIGHWAY LETTING
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C203479
13CR.10811.12, 13CR.20811.12
STATE FUNDED
RUTHERFORD

PROPOSAL LENGTH 22.090 MILES

TYPE OF WORK WIDENING, MILLING, RESURFACING, & SHOULDER RECONST.

LOCATION 3 SECTIONS OF NC-108, 1 SECTION OF US-64, US-221, AND NC-120, AND 21 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2014..64% OF BID
FY-2015..36% OF BID

RPN 028 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 3,503,908.30

DATE AVAILABLE MAR 15 2014

FINAL COMPLETION OCT 15 2014

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	3,079,703.68	-12.1
ROGERS GROUP, INC. NASHVILLE, TN	3,113,664.62	-11.1

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JANUARY 21, 2014
 DIVISION 00014

C203449
 44097.3.D3
 STATE FUNDED
 CHEROKEE
 R-5527A

PROPOSAL LENGTH 0.047 MILES
 TYPE OF WORK GRADING, PAVING & STRUCTURE.
 LOCATION BRIDGE OFF US-19/74/129 NEAR MURPHY.

EST CONST PROGRESS.... FY-2014..61% OF BID
 FY-2015..39% OF BID

RPN 029 10 BIDDER(S) MBE GOAL 0.00 % WBE GOAL 1.00%
 ESTIMATE 3,238,833.04

DATE AVAILABLE MAR 03 2014
 INTER COMPLETION NOV 15 2014 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION MAY 14 2015

	\$ TOTALS	% DIFF
SIMPSON CONSTRUCTION CO., INC. CLEVELAND, TN	2,520,623.35	-22.2
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	2,860,249.02	-11.7
DEVERE CONSTRUCTION COMPANY, INC ALPENA, MI	2,885,943.38	-10.9
E. R. SNELL CONTRACTOR, INC. SNELLVILLE, GA	2,923,634.12	-9.7
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	2,959,665.14	-8.6
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	3,055,862.50	-5.6
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	3,058,064.00	-5.6
JONES BROTHERS INC. MOUNT JULIET, TN	3,109,848.10	-4.0
WRIGHT BROTHERS CONSTRUCTION COMPANY, INC. CHARLESTON, TN	3,204,593.06	-1.1
OWLE CONSTRUCTION, LLC WHITTIER, NC	4,170,420.00	+28.8

ESTIMATE TOTAL	296,542,822.15	
LETTING TOTAL	282,318,807.71	-4.8

NCDOT February 2014 Board of Transportation Agenda

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

Professional Services Management

Preconstruction

Roadway Design

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 7

Project: 38528.1.1 (B-4756) Guilford County
Replace Bridge 120 over Reedy Fork Creek on SR 2128 (Bunch Road)

Scope of Work: Roadway and Hydraulic Design

Estimated Construction Cost: \$1,350,000.00

Firm: Kimley-Horn & Associates, Inc., Cary, NC

Original Engineering Fee: \$73,814.27

Supplemental Fee: \$ 2,145.27

Supplemental Work: Roadway Design to incorporate comments from 90% plan review

SPSF Utilization: 0%

DIVISION 11

Project: 36001.1.2 (R-2603) Wilkes County
NC 268 from Multi-Lanes East of NC 18 to SR 1966 (Airport Road)

Scope of Work: Roadway and Hydraulic Design

Estimated Construction Cost: \$19,700,000.00

Firm: MA Engineering Consultants, Inc., Cary, NC

Original Engineering Fee: \$341,353.47

Previous Supplemental Fee: \$ 22,407.71

Supplemental Fee: \$ 77,213.21

Supplemental Work: Roadway Design to prepare final plans

DBE/SPSF Utilization: 100%

STATEWIDE (Roadway Design & Project Development and Environmental Analysis)

Description of Work: Planning and Design Limited Services

Firm: RS&H Architects-Engineers-Planners, Inc., Charlotte, NC

Original Engineering Fee: \$1,000,000.00

Supplemental Fee: \$ 500,000.00

SPSF Utilization: Progressive Design Group \$12,500.00

February 6, 2014

SPSF Utilization:	2.5%
	The Catena Group \$12,500.00
SPSF Utilization:	2.5%
	Joyner Keeny \$12,500.00
SPSF Utilization:	2.5%
	Coastal Carolina Research \$12,500.00
SPSF Utilization:	2.5%
	Eydo, Inc. \$12,500.00
	2.5%

Field Support

Roadside Environmental

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to prepare design plans for the project listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ a private engineering firm in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 12

Project:	39894.1.1 (K-4908) Iredell County I-77 – New Rest Area Pair on New Location
Scope of Work:	Rest Area Design
Estimated Construction Cost:	\$13,000,000.00
Firm:	Clearscapes, Inc., Raleigh, NC
Maximum Engineering Fee:	\$155,536.40
SPSF Utilization:	100%

Construction

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	Roadway Construction Engineering and Inspection and Structure Construction Engineering and Inspection
Firm:	Sepi Engineering and Construction, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$5,000,000.00
Supplemental Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization :	100%

Turnpike Authority

The following is a supplemental contract to a previous contract approved by the Board with the same firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	Develop and implement strategies for long-term operations and capital financing needs and marketing of bonds issued by the Department
Firm:	Public Financial Management, Inc., Philadelphia, Pennsylvania
Original Fee:	\$1,050,000.00
Previous Supplement Fee:	\$1,841,400.00
Supplemental Fee:	\$ 130,000.00 plus one year time extension
SPSF Utilization:	0%

NCDOT February 2014 Board of Transportation Agenda

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Northampton Div. 1	Various	Pavement Preservation. Increase Funds. WBS 1C.066067	\$300,000.00
Brunswick Div. 3	Various	System Preservation. Increase Funds. WBS 3SP.20104.001	\$280,277.09
Duplin Div. 3	SR 1103 Nash Johnson Road	Widening and Resurfacing. Increase Funds. WBS 3C.031071	\$180,000.00
Duplin Div. 3	Various	System Preservation. Increase Funds. WBS 3SP.20314.001	\$443,890.54
New Hanover Div. 3	Various	System Preservation. Increase Funds. WBS 3SP.20654.001	\$171,888.95
Onslow Div. 3	Various	System Preservation. Increase Funds. WBS 3SP.20674.001	\$301,714.47
Pender Div. 3	Various	System Preservation. Increase Funds. WBS 3SP.20714.001	\$249,728.25
Sampson Div. 3	Various	System Preservation. Increase Funds. WBS 3SP.20824.001	\$546,126.39
Randolph Div. 8	SR 1301 Valley Farm Road	GDB&P. Increase Funds. WBS 8C.076153	\$419,808.08
Cabarrus Div. 10	Various	Thermoplastic Pavement Markings. Increase Funds. WBS 10SP.20134.3	\$7,122.36
Cabarrus Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20134.4	\$22,734.70
Union Div. 10	Various	Thermoplastic Pavement Markings. Increase Funds. WBS 10SP.20904.3	\$12,095.20
Union Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20904.4	\$35,394.32
Watauga Div. 11	Various	Fire and Rescue Departments. Increase Funds. WBS 11C.095095	\$25,745.00

NCDOT February 2014 Board of Transportation Agenda

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Buncombe Div. 13	Various	System Preservation. Increase Funds. WBS 13SP.20114.4	\$890,480.00
Burke Div. 13	Various	System Preservation. Increase Funds. WBS 13SP.20124.4	\$360,000.00
McDowell Div. 13	Various	System Preservation. Increase Funds. WBS 13SP.20594.4	\$177,895.75
Mitchell Div. 13	Various	System Preservation. Increase Funds. WBS 13SP.20614.4	\$112,275.00
Rutherford Div. 13	Various	System Preservation. Increase Funds. WBS 13SP.20814.4	\$459,349.00
Haywood Div. 14	SR 1870 Old Henson Cove Road	GDB&P. Increase Funds. WBS 14C.044177	\$110,000.00

Closings

Division	County	WBS Element	Road Number / Name	Amount
Div. 3	Duplin	3C.031062	GDB&P SR 1911, Brooks-Quinn Road Increase and Close.	\$75,000.00
Div. 3	Sampson	3C.082051	GDB&P SR 1940, Balance Blvd. Road Increase Funds.	\$52,000.00
Div. 3	Sampson	3C.082054	GDB&P SR 1648, Darden Road Increase and Close,	\$52,000.00
Div. 3	Sampson	3C.082055	GDB&P SR 1148, Jasper Road Increase Funds.	\$12,000.00
Div. 3	Sampson	3C.082062	GDB&P SR 1637, Fleet Naylor Road Increase Funds.	\$45,000.00
Div. 3	Sampson	3C.082066	Milling, Patching and Overlays Increase Funds.	\$1,000.00

NCDOT February 2014 Board of Transportation Agenda

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

Secondary Road Improvement Projects (Highway and Trust Funds)

Deletions

County	SR No.	Reason	Amount
Guilford Div. 7	SR 2199 Adano Road	GDB&P. Unavailable Right of Way. WBS 7C.041168	-\$94,978.75
Guilford Div. 7	SR 3087 Linch Road	GDB&P. Unavailable Right of Way. WBS 7C.041206	-\$150,116.40
Guilford Div. 7	SR 3085 Ripley Road	GDB&P. Unavailable Right of Way. WBS 7C.041207	-\$150,116.40
Guilford Div. 7	SR 3375 Burrow Road	GDB&P. Unavailable Right of Way. WBS 7C.041210	-\$73,390.39
Guilford Div. 7	SR 3453 Lilly Farm Road	GDB&P. Unavailable Right of Way. WBS 7C.041211	-\$88,531.94
Guilford Div. 7	SR 2044 Self Road	GDB&P. Unavailable Right of Way. WBS 7C.041214	-\$188,068.91
Guilford Div. 7	SR 3054 Palmer Farm Road	GDB&P. Unavailable Right of Way. WBS 7C.041217	-\$186,914.37
Guilford Div. 7	SR 1480 Vickery Chapel Road	GDB&P. Unavailable Right of Way. WBS 7C.041218	-\$122,011.65
Guilford Div. 7	SR 3119 Eulis Road	GDB&P. Unavailable Right of Way. WBS 7C.041219	-\$326,961.70
Guilford Div. 7	SR 2112 Moravian Church Road	GDB&P. Unavailable Right of Way. WBS 7C.041220	-\$104,243.92
Guilford Div. 7	SR 2809 Blue Lantern Road	GDB&P. Unavailable Right of Way. WBS 7C.041227	-\$118,226.43
Guilford Div. 7	SR 2256 Crestfield Road	GDB&P. Unavailable Right of Way. WBS 7C.041230	-\$118,317.11
Guilford Div. 7	SR 2751 Church Road	GDB&P. Unavailable Right of Way. WBS 7C.041231	-\$48,365.69

NCDOT February 2014 Board of Transportation Agenda

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

Secondary Road Improvement Projects (Highway and Trust Funds)
Deletions

County	SR No.	Reason	Amount
Anson Div. 10	Various	Widening and Strengthening. Funded By Another Source. WBS 10C.004064	-\$585,000.00
Anson Div. 10	Various	Widening and Strengthening. Funded By Another Source. WBS 10C.004065	-\$287,000.00
Avery Div. 11	SR 1207 Whitaker Branch Road	GDB&P. Unavailable Right of Way. WBS 11C.006061	-\$2,500.00
Watauga Div. 11	SR 1118 Herb Thomas Road	GDB&P. Unavailable Right of Way. WBS 11C.095099	-\$640,000.00
Watauga Div. 11	SR 1123C Laurel Creek Road	GDB&P. Unavailable Right of Way. WBS 11C.095103	-\$2,500.00
Wilkes Div. 11	SR 2489 Pores Knob Road	GDB&P. Unavailable Right of Way. WBS 11C.097155	-\$1,644,746.30
Transylvania Div. 14	Various	Widening and Strengthening. Funded By Another Source. WBS 14C.088054	-\$1,152,970.00

Corrections:

WBS 8SP.20774.15 was listed on the January 2014 BOT Agenda for an increase of \$473,032.48. The correct amount to increase should be \$414,038.26.

WBS 8SP.20194.15 should have not been listed on the January 2014 BOT Agenda.

Secondary Road Construction Programs

Listed below for approval are counties for which Secondary Road Construction Programs, along with resolutions from County Commissioners, have been received:

	Total Amount Programmed
Division 3	
Duplin County (FY 2013/2014)	\$265,000.00
Sampson County (FY 2013/2014)	\$281,993.00
Division 5	
Granville County (FY 2013/2014)	\$218,049.34
Wake County (FY 2013/2014)	\$1,597,758.52
Division 7	
Orange County (FY 2012/2013)	\$700,080.00
Rockingham County (FY 2012/2013)	\$2,415,562.00
Total	\$5,478,442.86

**North Carolina Department of Transportation
Secondary Roads Construction Program**

DUPLIN COUNTY

FY 2013-2014 Available Funds \$265,000.00

I. Paving Unpaved Roads

A. Rural Paving Priority

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
	SR 1911	1.0	Brooks-Quinn Road From NC 903 to SR 1912 (Increase Funds to Complete Project)	\$75,000.00

Total Miles 1.00

Subtotal: \$75,000.00

II. General Secondary Road Improvements

<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
SR 1103	9.7	Nash Johnson Road Widen and Resurface (Increase Funds to Complete Project)	\$180,000.00

III. Funds reserved for surveying, right of way acquisition, road additions, contingencies, overdrafts, and paving entrances to certified fire departments, rescue squads, etc.

Subtotal \$10,000

GRAND TOTAL \$265,000.00

**North Carolina Department of Transportation
Secondary Roads Construction Program**

SAMPSON COUNTY

FY 2013-2014 Available Funds \$281,993.00

I. Paving Unpaved Roads

A. Rural Paving Priority

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
	SR 1940	0.60	Balance Road From SR 1147 to DE. (Increase Funds to Complete Project)	\$52,000.00
	SR 1648	0.50	Darden Road From US 13 to DE. (Increase Funds to Complete Project)	\$52,000.00
	SR 1148	0.60	Jasper Road From US 701 to SR 1141. (Increase Funds to Complete Project)	\$12,000.00
	SR 1637	0.50	Fleet Naylor Road From SR 1637 to DE. (Increase Funds to Complete Project)	\$45,000.00
Total Miles		2.20		Subtotal: \$161,000.00

II. General Secondary Road Improvements

	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
	Various		Milling & Patching. (Increase Funds to Complete Project)	\$1,000.00
	SR 1414	3.70	Minnie Hall Road. (Increase Funds to Complete Project)	\$115,000.00

III. Funds reserved for surveying, right of way acquisition, road additions, contingencies, overdrafts, and paving entrances to certified fire departments, rescue squads, etc.

Subtotal \$4,993.00

GRAND TOTAL \$281,993.00

**North Carolina Department of Transportation
Secondary Roads Construction Program**

GRANVILLE COUNTY

FY 2013-2014

Highway Fund (G.S 136-144b, c)	\$ 166,224.95
Total Highway Fund Balance	\$ 218,049.34

I. Additional Funding Needs of Previously Approved Projects.

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
	Various		Countywide Surveys	\$18,000.00
	Various		Paved Road Improvements	\$200,049.34

Subtotal: \$218,049.34

GRAND TOTAL \$218,049.34

**North Carolina Department of Transportation
Secondary Roads Construction Program**

WAKE COUNTY

FY 2013-2014 Allocation	
Highway Fund (G.S 136-144b, c)	\$ 460,488.21
Previous HF Balance	\$ 1,137,270.31
Total	\$ 1,597,758.52

Plans for Previous Highway Fund Balance

<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
Various	Various	Spot Stabilization (Funds Used for Dirt Road Maintenance).	\$225,000.00
Various	Various	Paved Road Improvements	\$912,270.31
Subtotal:			\$1,137,270.31

Proposed FY 2014 Project

<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
Various	Various	Paved Road Improvements (Includes Patching, Widening and Other Improvements)	\$460,488.21
Subtotal:			\$460,488.21

GRAND TOTAL \$1,597,758.52

****Additional Highway Fund project balances from completed projects will be used on either Spot Stabilization of Paved Road Improvement Projects**

**North Carolina Department of Transportation
Secondary Roads Construction Program**

ORANGE COUNTY

FY 2012/2013 Available Funds

Highway Fund	\$300,890
Trust Fund	<u>\$399,190</u>
Total	\$700,080

I. Paving Unpaved Roads

Programmed Paving Goal: N/A

A. Rural Paving Priority

<u>Priority No.</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Estimated Cost</u>
N/A	N/A	N/A	N/A	N/A

* Rural Paving Alternates

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
N/A	N/A	N/A	N/A	N/A

* In the event that any roads in priority have to be placed on the "Hold List" due to unavailable right of way or environmental review, or if additional funding becomes available, funds will be applied to the roads listed in priority order in the paving alternate list.

B. Subdivision Paving Priority

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
N/A	N/A	N/A	N/A	N/A

* Subdivision Paving Alternates

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
N/A	N/A	N/A	N/A	N/A

* In the event that any roads in priority have to be placed on the "Hold List" due to unavailable right of way or environmental review, or if additional funding becomes available, funds will be applied to the roads listed in priority order in the paving alternate list.

II. General Secondary Road Improvements

A. Paved Road Improvements

<u>SR No.</u>	<u>Project Description</u>	<u>Est. Cost</u>
SR 1538	New Sharon Church Road from SR 1553, (Walker Road), to SR 1548, (Schley Road)- Widen existing lanes 2' and resurface. *Partial funding to be combined with resurfacing funds to complete project.	\$225,000.00
SR 1306	Lebanon Road from SR 1376, (Stagecoach Road), to SR 1004, (Efland Cedar Grove Road)- Widen existing lanes 2' and resurface. *Partial funding to be combined with resurfacing funds to complete project	\$425,000.00

Subtotal \$650,000.00

B. Unpaved Road Spot Improvements

<u>SR No.</u>	<u>Project Description</u>	<u>Est. Cost</u>
N/A	N/A	N/A

III. Trust Fund Safety Improvements (GS 136-182)

<u>SR No.</u>	<u>Project Description</u>	<u>Est. Cost</u>
N/A	N/A	N/A

IV. Funds reserved for surveying, right of way acquisition, road additions, contingencies, overdrafts, and paving entrances to certified fire departments, rescue squads, etc.

Subtotal \$50,080

Grand Total \$700,080

**North Carolina Department of Transportation
Secondary Roads Construction Program**

ROCKINGHAM COUNTY

FY 2012-2013 Available Funds \$2,415,562

I. Paving Unpaved Roads

Programmed Paving Goal: 3.11 Miles

A. Rural Paving Priority

<u>Priority Number</u>	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
1	HOLD LIST	0.52	Floyd Road From SR 1523 to EOM.	\$249,600
2	HOLD LIST	0.73	Buttercup Road From SR 2108 to EOM	\$350,400
3	HOLD LIST	0.18	Benton Road From SR 2556 to 0.18 miles.	\$86,400
4	HOLD LIST	1.68	Nubbin Ridge Road From SR 1001 to SR 2381E.	\$350,000

Total Miles 3.11

Subtotal: \$1,036,400

II. General Secondary Road Improvements

	<u>SR No.</u>	<u>Length (Miles)</u>	<u>Road Name and Description</u>	<u>Est. Cost</u>
	SR 1110		Widen and Resurface Ellisboro from SR 1120 To US 220.	\$1,310,000

IV. Funds reserved for surveying, right of way acquisition, road additions, contingencies, overdrafts, and paving entrances to certified fire departments, rescue squads, etc.

Subtotal \$69,162

GRAND TOTAL \$2,415,562

NCDOT February 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1 Currituck	50426	0.08	Creekside Estates Subdivision Smew Court	11/25/13
Dare	50427	0.24	Summerplace Subdivision Summerplace Drive	10/18/13
Martin	50428	0.12	Canyon Woods Subdivision Elmo's Drive	11/15/13
Pasquotank	50429	0.13	Carolina Dunes Subdivision Eyrie Lane	10/24/13
Pasquotank	50430	0.08 0.07 0.09	Smalls Acres Subdivision Shard Trail Flint Trail Durant Drive	12/12/13
Washington	50431	0.22	Driftwood Estates Subdivision Albemarle Avenue	11/18/13
Division 3 Onslow	50400	0.09	Turner Farms Subdivision Old Sage Road	11/1/13
Sampson	50432	0.26 0.06	The Oaks Subdivision South Oak Lane Oak Hill Drive	12/16/13
Sampson	50433	0.17 0.15 0.12	Mill Ridge Subdivision Race Court Water Wheel Lane Mill Ridge Court	12/11/13
Division 4 Johnston	50434	0.08	Langdon Ridge Subdivision Packhouse Court	11/5/13
Nash	50435	0.08 0.46 0.21	Williams point Subdivision Michael Road Thomas Road Williams Court	9/18/13
Nash	50436	0.21	Fox Chase Subdivision Fox Run Road	10/23/13
Nash	50437	0.04	Ashburton Park Subdivision Morris Street	12/10/13

February 6, 2014

NCDOT February 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 4				
Wayne	50438	0.11	Hunters Hill Subdivision Olive Lane	12/17/13
Wilson	50439	0.09	Weathersby Subdivision Wrenwood Court	10/28/13
Wilson	50440	0.24	Williams Pointe Subdivision Dolphus Lane	9/18/13
Division 5				
Wake	50441	0.28 0.04 0.24 0.05	Wilbon Ridge Subdivision Wilbon Ridge Court Owego Court Brackney Trail Willake Court	12/4/13
Wake	50442	0.15 0.25	Georges Grant Subdivision Norwood Road, SR 1834 Ext. Dartmoor Lane, SR 2171 Ext.	12/9/13
Wake	50443	0.05 0.27	Elliott Landing Subdivision Harvest Moon Court, SR 5565 Ext. Winter Pond Way	11/21/13
Division 7				
Guilford	50444	0.06 0.05 0.09 0.29 0.18 0.06 0.06 0.19	Waterbury Subdivision Barton Creek Drive, SR 3258 Ext. Brant Pointe Court Breeze Point Court Breeze Point Drive Heron Pointe Drive Lake Stone Court Osterville Court Otter Creek Drive	12/10/13
Guilford	50445	0.35 0.07	Hunter's Hills Subdivision Bethany Park Drive Lord Ashley Court	12/17/13
Rockingham	50446	0.22 0.30 0.13 0.20	Belews Landing Subdivision Crows Nest Drive Windward Drive Keel Court Topside Court	11/14/12

NCDOT February 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 11				
Surry	50447	0.07	Crosswinds Subdivision W. Crosswinds Court, SR 1940 Ext.	10/10/13
Surry	50448	0.28	Hickory Creek Subdivision Hickory Creek Drive	10/10/13

Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
Duplin	50452	0.44	Portion of SR 1506 Ralph Sutton Road	11/19/13
Division 6				
Robeson	50449	1.32	Portion of SR 2104 7 th Street	8/28/13
Division 9				
Davidson	50450	0.03	Portion of SR 3161 Old Belmont Road/ Linwood Veneer Road	12/19/13
Stokes	50451	1.12	Portion of SR 1915 Pipe Plant Road	11/26/13

Corrections:

Division 1 – Perquimans County, SR 1316 was added for a length of 0.07 miles. The correct mileage should be 0.63.

Division 1 – Perquimans County, SR 1465 was added for a length of 0.51 miles. The correct mileage should be 0.58.

Division 11 – Ashe County, SR 1689 correct mileage should be 0.055 miles.

Division 14 – Jackson County, SR 1759 was added for a length of 1.30 miles. The correct mileage should be 1.14 miles.

NCDOT FEBRUARY 2014 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

County	Description	Type	Amount
Div 2 Greene	WBS 2CR.10401.14 was established (10/13) for widening from 20 ft to 24 ft and resurfacing of NC-903 from SR 1354 to Pitt County line Other funding: \$2,100,000 (Contract Resurfacing) Increase funds	Econ Development TOTAL	\$397,508.54 \$397,508.54
Div 2 Jones	Condition and pave SR 1177 (Honey Corner Ln), to intersection of NC-41, approximately 0.1 mile WBS 48111	Small Construction TOTAL	\$20,000.00 \$20,000.00
Div 3 Pender	Town of Surf City – Pipe the existing lateral ditch in the southwest quadrant of the intersection on NC-210 and NC-50/210 within the Town limits Other funding: \$33,500 (Town); \$8,500 (Maintenance) WBS 44132	Small Construction TOTAL	\$50,000.00 \$50,000.00
Div 4 Johnston	Town of Pine Level – Construction of sidewalk on North side of SR 2309 (Peedin St) from Townview Dr to approximately 100' east of US-70A Other funding: \$50,000 (Sidewalk 3604.3.12) WBS 75020	Small Construction TOTAL	\$40,000.00 \$40,000.00
Div 5 Granville	WBS 43747 was established (01/13) to extend Granville North HUB Site Road from existing end to US-158 Increase funds	Contingency TOTAL	\$350,000.00 \$350,000.00
Div 7 Caswell	Installation of post mounted school flashers at two sites on NC-86 at North Elementary School and South Elementary School WBS 44130	Small Construction TOTAL	\$23,000.00 \$23,000.00

**NCDOT FEBRUARY 2014 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development**

County	Description	Type	Amount
Div 7 Guilford	Enhance wording on existing overhead and ground-mounted signs from PTI Airport to PTI-GSO Airport at various locations WBS 44129	Small Construction <hr/> TOTAL	\$45,000.00 <hr/> \$45,000.00
Div 8 Moore	Village of Pinehurst – Temporary removal of four (4) overhead sign assemblies on US 15-501 and NC-2 at the traffic circle to strip, paint overhead sign support system and back of sign, and reinstall in their original location Other funding: \$50,000 (Village of Pinehurst); \$10,000 (Positive Guidance) WBS 44131	Contingency <hr/> TOTAL	\$140,000.00 <hr/> \$140,000.00
Div 13 Buncombe	City of Asheville – Improve the radii at the ramps from I-240 to SR 3548 at Haywood Rd to facilitate the increased truck traffic due to the construction of the New Belgium Brewery WBS 43911	Public Access <hr/> TOTAL	\$98,000.00 <hr/> \$98,000.00
Div 13 Rutherford	Town of Ruth – Construct a left turn lane on US-74A (Railroad Ave) to serve the Trelleberg Corporation's manufacturing site WBS 44127	Economic Development <hr/> TOTAL	\$245,000.00 <hr/> \$245,000.00

Summary:	Number of Projects	10
	Number of Divisions	7
	Small Construction Commitment	\$178,000.00
	Public Access Commitment	\$98,000.00
	Contingency Commitment	\$490,000.00
	Economic Development	\$642,508.54
	TOTAL	\$1,408,508.54

**NCDOT FEBRUARY 2014 BOARD OF TRANSPORTATION AGENDA
PUBLIC TRANSPORTATION DIVISION**

Public Transportation Grant Program

Urban Planning

The Section 5303 Metropolitan Planning Program of the Federal Transit Administration (FTA) provides financial assistance to local governments in urbanized areas of 50,000 population or greater to conduct transportation planning activities. Funds are apportioned to each state on the basis of its total urban population. The goal of the Metropolitan Planning Program is the development of transportation systems that embrace all modes of transportation to maximize the mobility of people and distribution of goods in urban areas in an efficient manner. To meet this goal, each Metropolitan Planning Organization (MPO) submits an annual Planning Work Program (PWP) which identifies the transportation planning tasks to be addressed. Both highway and transit planning tasks are addressed in the PWP, consistent with particular items in individual MPO transportation planning prospectuses.

This is to request Board of Transportation approval to amend the FY 2014 Section 5303 application to the Federal Transit Administration (FTA) to include the New Bern Metropolitan Planning Organization in the amount of \$20,000 in federal funds, enter into agreement and provide the necessary state match of \$2,500.

Division 3

Project No. 14-08-XXX	The City of New Bern is requesting funds to compile National Transit Database reports, evaluate bus stops, schedules and routing, and develop the transit element of the Metropolitan Transportation Plan (Long Range Plan). Activities also include conducting a transit study to improve operations of the Craven Area Transit System and coordinate transit planning with future roadway, sidewalk, and greenway improvement projects.	\$25,000 \$20,000 \$2,500 \$2,500	Total Federal State Local
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Category B: Reason for Category B

Category A: Reason for Category A
Application Complete

ITEM I –1- 1A For Approval

ADDITIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TQ--6782	Winston Salem Transit Authority	FTA 5310 Winston Salem Urban Area Allocation set aside for competitive grants to eligible agencies to assist in meeting the transportation needs of low income, disabled, and elderly populations.	FEPD	5310	\$297						
			Local	L	\$297						
TG-5224E	Fayetteville Area System of Transit	Routine Capital – ADA Services	FUZ	5307	\$293	\$332	\$260	\$260	\$260	\$260	\$260
			Local	L	\$74	\$83	\$66	\$66	\$66	\$66	\$66
		continued			FY20						
			FUZ	5307	\$260						
			Local	L	\$66						
TO-5144	Fayetteville Area System of Transit	Operating Assistance (<75 Buses)	FUZ	5307		\$300	\$300	\$600	\$600	\$600	\$600
			Local	L		\$300	\$300	\$600	\$600	\$600	\$600
		continued			FY 20						
			FUZ	5307	\$600						
			Local	L	\$600						
TQ-6514	Fayetteville Area System of Transit	Elderly and Disabled Transit Services	FEPD	5310				\$118	\$118	\$118	\$118
			Local	L				\$118	\$118	\$118	\$118
		continued			FY20						
			FEPD	5310	\$118						
			Local	L	\$118						
TA-5135	Fayetteville Area System of Transit	Elderly and Disabled Capital Projects	FEPD	5310			\$97	\$97	\$97	\$97	\$97
			Local	L			\$24	\$24	\$24	\$24	\$24
		continued			FY20						
			FEPD	5310	\$97						
			Local	L	\$24						

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TD-4920D	Piedmont Authority for Regional Transportation	Van Pool Replacement to Support New Routes	FUZ	CMAQ			\$620				
			Local	L			\$155				

ITEM I –1- 1A For Approval

TL-5106	Winston Salem Transit Authority	Operating Assistance – Elderly and Disabled Persons	EDTAP	State	\$163	\$163	\$163	\$163	\$163	\$163	
TA-4948A	Fayetteville Area System of Transit	Replacement Buses (35')	FUZ	5307						\$1,080	\$2,282
			State	S						\$104	\$220
			Local	L						\$118	\$248
		continued	FUZ	5307	\$2,282						
			State	S	\$220						
			Local	L	\$248						
TA-4990	Fayetteville Area System of Transit	Expansion Bus (35 ft)	FUZ	5307	\$597		\$515				
			State	S	\$58		\$50				
			Local	L	\$65		\$56				
TA-4743	Fayetteville Area System of Transit	Replacement Light Transit Vehicles (<30 ft)	FBUS	5339		\$166			\$176		\$187
			State	S		\$16			\$17		\$18
			Local	L		\$18			\$19		\$21
TA-4743B	Fayetteville Area System of Transit	Replacement Paratransit Vans	FBUS	5339	\$348		\$400		\$425		\$300
			State	S	\$34		\$38		\$41		\$29
			Local	L	\$38		\$44		\$46		\$33
TA-4955B	Fayetteville Area System of Transit	Expansion Paratransit Vans	FBUS	5339			\$133				
			State	S			\$13				
			Local	L			\$15				

NCDOT February 2014 Board of Transportation Agenda**Rail Program**

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the February 6, 2014 Board of Transportation meeting.	

**NCDOT February 2014 Board of Transportation Agenda
Approval of Specific State Funds for Construction Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 R-5524B DIVISION	WBS 45817.3.2 SR 2277 / SR 3526 from NC 280 to SR 1419 (Old Fanning Bridge Road). Resurface and add bike lanes. \$416,000.00 has previously been approved for construction. Additional funds are requested for construction.	\$170,000.00
Statewide M-0360 STATEWIDE	WBS 36824.1.1 Design Services, statewide, preliminary engineering for miscellaneous projects. \$9,180,000.00 has previously been approved for preliminary engineering. Additional funds are requested for annual funding for SFY 2014.	\$1,000,000.00
Statewide M-0376 STATEWIDE	WBS 39406.1.1 Geotechnical investigations, studies and preliminary engineering for miscellaneous projects, statewide. \$9,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested for annual funding for SFY 2014.	\$900,000.00
Statewide M-0391 STATEWIDE	WBS 40289.1.1 Structure design and preliminary engineering for miscellaneous projects. \$3,878,000.00 has previously been approved for preliminary engineering. Additional funds are requested for annual funding for SFY 2014.	\$300,000.00
ITEM J SUMMARY	4 PROJECTS	\$2,370,000.00

**NCDOT February 2014 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funding**

K-1

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gaston Co. Div. 12 I-4928 STATEWIDE	WBS 41188.3.S1 New I-85 NBL Weigh Station from SR 1302 (Crowders Mountain Road) to SR 1307 (Edgewood Road). Initial funds are requested for construction of the State funded portion of the project. See Item M, page 17 for requested Federal funds, thus bringing the total funding to \$ 21,300,000.00.	\$12,824,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$12,824,000.00

**NCDOT February 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Urban Loops**

K-2

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 U-2579AB STATEWIDE	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$28,547,739.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Funds are no longer needed for Specific Parcel 869 (rescinded).	-\$25,000.00
TRUST FUND URBAN LOOP	1 PROJECT	-\$25,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$12,824,000.00
TRUST FUND URBAN LOOP	1 PROJECT	-\$25,000.00
SUMMARY OF FUNDS	2 PROJECTS	\$12,799,000.00

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety Improvement Projects.

THERE ARE NO SPECIFIC SPOT SAFETY PROJECTS FOR THIS MONTH'S AGENDA

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greene Co. BD-5102AA DIVISION	45348.2.FD27, BRZ-1240(5) Replace Bridge #93 over Beamon Run on SR 1240. Funds are needed for full right of way and utilities.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State
Greene Co. BD-5102T DIVISION	45348.2.FD20, BRSTP-1301(7) Replace Bridge #8 over Sandy Run on SR 1301. Funds are needed for full right of way and utilities.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 State
Pitt Co. B-5418 REGIONAL	45479.3.FR1, BRSTP-0033(9) Replace Bridge #50 over Johnson Mill Run on NC 33. Funds are needed for construction.	\$1,136,534.00 Cost \$909,227.00 Fed. \$227,307.00 State
Pitt Co. BD-5102Z DIVISION	45348.2.FD26, BRZ-1941(2) Replace Bridge #20 over Clayroot Swamp on SR 1941. Funds are needed for full right of way and utilities.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5202J DIVISION	45332.2.FD10, HSIP-1702(3) SR 1702 (Evans Street) at 14th Street. Funds are needed for full right of way and utilities.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. U-5534C DIVISION	44096.1.F4, STPDA-0332(45) Wrightsville Avenue / Greenville Avenue to Hinton Avenue. Funds are needed for preliminary engineering.	\$20,300.00 Cost \$16,240.00 Fed. \$4,060.00 Local

Bridge

Sampson Co. BD-5103U DIVISION	45349.3.FD21, BRZ-1007(23) Replace Bridge #38 over Wildcat Creek on SR 1007. Funds are needed for construction.	\$720,000.00 Cost \$576,000.00 Fed. \$144,000.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. B-5124 REGIONAL	42270.2.FR1, BRSTP-0301(25) Replace Bridges #141, #151, & #85 over Swift Creek on US 301. Funds are needed for full right of way and utilities.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Rail Program

Enfield/ Halifax Co. Z-5400DB REGIONAL	43600.3.FR34, STPRR-0481(10) Highway-Railway Grade Crossing Safety Project at the intersection of NC 481 (Whitfield Street) and the CSX Transportation Tracks; Crossing #629 670J. Funds are needed for construction for signal and gate improvements.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Interstate Maintenance

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Granville Co. I-5205B STATEWIDE	47051.3.FS3, IMPP-085-4(122) Interstate Maintenance and Preservation Program. Bridges #51, #52, #55, #56, #60 and #61 on I-85, 0.170 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$3,000,000.00 \$2,400,000.00 \$600,000.00	Cost Fed. State
Warren Co. I-0914BA STATEWIDE	38688.2.FSU1, IMS-085-4(116)215 I-85 from south of US 158 in Vance County to north of SR 1237 (Manson Road). Funds are needed for utilities.	\$736,000.00 \$588,800.00 \$147,200.00	Cost Fed. State
Warren Co. I-0914BA STATEWIDE	38688.2.FS2, IMS-085-4(116)215 I-85 from south of US 158 in Vance County to north of SR 1237 (Manson Road). Funds are needed for right of way.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
Warren Co. I-0914BB STATEWIDE	38688.2.FSU2, IMS-085-4(117)224 I-85 from north of SR 1237 (Manson Road) to the Virginia State Line. Funds are needed for utilities.	\$229,000.00 \$183,200.00 \$45,800.00	Cost Fed. State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Interstate Maintenance

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Warren Co. I-0914BB STATEWIDE	38688.2.FS3, IMS-085-4(117)224 I-85 from north of SR 1237 (Manson Road) to the Virginia State Line. Funds are needed for right of way.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Congestion Mitigation

Wake Co. C-4924A EXEMPT	44024.1.1, CMS-000S(453) Triangle J Council of Governments - Development of Flexible Work Schedules for Employees and Organizations in the Triangle Ozone Non-Attainment Region. \$2,833,000.00 has previously been approved for preliminary engineering. Additional funds are needed.	\$1,710,000.00 Cost \$864,000.00 Fed. \$846,000.00 Local
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Enhancement

Knightdale/ Wake Co. EL-5100CD DIVISION	41821.3.F42, STPDA-0512(12) East Side of Smithfield Road from Carrington Drive and Edenburghs Keep Drive to Knightdale Boulevard. Funds are needed for construction for sidewalk improvements.	\$287,000.00 Cost \$200,900.00 Fed. \$86,100.00 Local
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Urban

Morrisville / Wake Co. U-5503 DIVISION	45490.3.F1, STPDA-3014(2) SR 3014 (Morrisville-Carpenter Road) from west of SR 1613 (Davis Drive) to east of Old Savannah Drive. Funds are needed for construction to widen roadway, realign intersection and provide pedestrian and safety enhancements.	\$950,000.00 Cost \$665,000.00 Fed. \$285,000.00 Local
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Morrisville/ Wake Co. U-5503 DIVISION	45490.1.1, STPDA-3014(2) SR 3014 (Morrisville-Carpenter Road) from west of SR 1613 (Davis Drive) to east of Old Savannah Drive. \$45,500.00 has previously been approved for preliminary engineering. Additional funds are needed to cover costs that have or will exceed the federal award.	\$210,000.00 Cost \$147,000.00 Fed. \$63,000.00 Local

Bridge

Person Co. B-4784 DIVISION	38555.3.FD1, BRZ-1134(3) Replace Bridge #31 over Aldridge Creek on SR 1134, 0.085 mile. \$600,000.00 has previously been approved for construction. Funds need to be increased \$86,424.00 to reflect the low bid received on November 19, 2013.	\$86,424.00 Cost \$69,139.00 Fed. \$17,285.00 State
Vance Co. B-4827 DIVISION	38597.3.FD1, BRZ-1523(6) Replace Bridge #53 over Sandy Creek on SR 1523, 0.123 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$950,000.00 Cost \$760,000.00 Fed. \$190,000.00 State
Wake Co. B-4991 DIVISION	40890.3.FD1, BRZ-1163(7) Replace Bridge #359 over Beaver Creek on SR 1163, 0.296 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$2,150,000.00 Cost \$1,720,000.00 Fed. \$430,000.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Columbus Co. B-4475 DIVISION	38380.3.FD1, BRZ-1119(3) Replace Bridge #85 over Tom's Fork Creek on SR 1119, 0.060 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Harnett Co. B-4138A REGIONAL	33490.1.FR2, BRSTP-0401(255) Bridge #46 - Sidewalk along the northeast side of US 401 within the project limits. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State

Safety

Fayetteville/ Cumberland Co. W-5206AK STATEWIDE	45336.1.FS37, HSIP-1007(28) SR 1007 (All American) from the Santa Fe Interchange to the Morganton Road Interchange. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Interstate Maintenance

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5110 STATEWIDE	42345.2.1, NHF-0073(25) I-73 from NC 68 to the Greensboro Western Loop. \$7,497,782.00 has previously been approved for right of way - Advance Acquisition. Additional funds are needed for right of way and utilities to cover costs of settlement and for the demolition of buildings for Specific Parcels 950 (Property of Metalcraft) and 975 (Property of MC4, LLC).	\$14,191,487.00 Cost \$11,353,190.00 Fed. \$2,838,297.00 State

Enhancement

Alamance Co. U-3110B(L) DIVISION	34901.3.FD7, STP-1311(15) Improvements along SR 1311 (Cook Road) from SR 1309 (Westbrook Avenue) to NC 100. Funds are needed for construction for landscaping.	\$131,543.00 Cost \$105,234.00 Fed. \$26,309.00 State
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Urban

Alamance Co. U-3110B(L) DIVISION	34901.3.6, STP-1311(12) Improvements along SR 1311 (Cook Road) from SR 1309 (Westbrook Avenue) to NC 100. \$131,505.00 has previously been approved for construction. Funds need to be decreased (\$131,505.00) per FHWA until project is ready for charges.	-\$131,505.00 Cost -\$105,204.00 Fed. -\$26,301.00 State
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Bridge

Alamance Co. B-4401 DIVISION	33681.3.FD1, BRZ-1124(5) Replace Bridge #161 over North Prong Stinking Quarter Creek on SR 1124 (Stafford Mill Road), 0.141 mile. \$900,000.00 has previously been approved for construction. Funds need to be increased \$254,463.00 to reflect the low bid received November 19, 2013..	\$254,463.00 Cost \$203,570.00 Fed. \$50,893.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Burlington/ Alamance Co. SR-5001AQ DIVISION	40924.3.F42, SRS-0701(28) Safe Routes to School. Funds are needed for construction to install sidewalks and curb ramps along the west side of Sellers Mill Road from Hanover Road to Richards Street near Broadview Middle School.	\$54,315.00 \$54,315.00	Cost Fed.
Alamance Co. W-5011 REGIONAL	41811.3.FR1, STP-0049(25) NC 49 at NC 119. Funds are needed for construction to install all-way stop and channelization and improve sight distance.	\$270,000.00 \$243,000.00 \$27,000.00	Cost Fed. State
Caswell Co. W-5207H REGIONAL	45337.3.FR8, HSIP-0062(12) NC 62 from SR 1751 (Fitch Road) to SR 1745 (Moorefield Road). Funds are needed for construction for the installation of guardrail.	\$700,000.00 \$630,000.00 \$70,000.00	Cost Fed. State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. C-5176 EXEMPT	46237.3.F1, CMS-000S(636) American Tobacco Trail - New Hope Church Road Trailhead Park and Ride Lot. Funds are needed for construction for a parking lot.	\$1,192,000.00 Cost \$797,000.00 Fed. \$395,000.00 Local

Bridge

Chatham Co. B-4730 DIVISION	38503.3.FD1, BRZ-1549(6) Replace Bridge #108 over Terrell Creek on SR 1549, 0.115 mile. \$750,000.00 has previously been approved for construction. Funds need to be decreased (\$94,027.00) to reflect the low bid received on November 19, 2013.	-\$94,027.00 Cost -\$75,222.00 Fed. -\$18,805.00 State
Hoke Co. B-5127 REGIONAL	42285.2.FR1, BRSTP-0211(24) Replace Bridge #4 over Raft Swamp on NC 211. Funds are needed for full right of way and utilities.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 State
Hoke Co. B-5132 DIVISION	42291.3.FD1, BRZ-1436(2) Replace Bridge #37 over Raft Swamp on SR 1436, 0.085 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$825,000.00 Cost \$660,000.00 Fed. \$165,000.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Montgomery Co. B-4780 DIVISION	38551.2.FD1, BRZ-1111(8) Replace Bridge #22 over Richland Creek on SR 1111. Funds are needed for full right of way and utilities.	\$60,480.00 Cost \$48,384.00 Fed. \$12,096.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Salisbury/ Rowan Co. C-5553 EXEMPT	51023.3.F1, CMS-0914(34) Computerized Traffic Signal System. \$3,296,000.00 has previously been approved for construction. Funds need to be decreased (\$437,692.00) to reflect the low bid received on October 15, 2013.	-\$437,692.00 Cost -\$350,154.00 Fed. -\$87,538.00 State

Urban

Winston- Salem / Forsyth Co. U-2579AB* STATEWIDE	34839.2.11, HPP-0918(46) Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$890,427.00 has previously been approved for right of way - Advanced Acquisition. Additional funds are needed for right of way and utilities to cover costs of settlement for SP 799 (Property of Barbara Jones Cook Estate).	\$126,278.00 Cost \$101,022.00 Fed. \$25,256.00 State
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Bridge

Davidson Co. BD-5109W DIVISION	45355.3.FD23, BRSTP-1002(37) Replace Bridge #274 over Lick Creek on SR 1002. Funds are needed for construction.	\$1,125,000.00 Cost \$900,000.00 Fed. \$225,000.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cabarrus Co. B-4973 DIVISION	40097.3.FD1, BRSTP-1157(5) Replace Bridge #271 over Irish Buffalo Creek on SR 1157, 0.182 mile. \$1,500,000.00 has previously been approved for construction. Funds need to be increased \$327,778.00 to reflect the low bid received on November 19, 2013.	\$327,778.00 Cost \$262,222.00 Fed. \$65,556.00 State
Stanly Co. B-5137 DIVISION	42296.3.FD1, BRZ-1542(7) Replace Bridge #215 over Little Mountain Creek on SR 1542, 0.095 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 State
Union Co. B-5109 REGIONAL	42246.3.FR1, BRSTP-0218(7) Replace Bridge #29 over Goose Creek on NC 218, 0.124 mile. \$1,300,000.00 has previously been approved for construction. Funds need to be increased \$176,076.00 to reflect the low bid received on November 19, 2013.	\$176,076.00 Cost \$140,861.00 Fed. \$35,215.00 State

Rail Program

Cabarrus Co. P-4405EA STATEWIDE	42412.1.8, STP-000S(608) Gladys H. Doster Private Crossing in Harrisburg at the intersection of Milepost 363.28 and the Norfolk Southern Railway Tracks; Crossing #715 329N. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$40,000.00 Cost \$40,000.00 Fed.
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. P-5200EA DIVISION	45361.2.FD6, STPRR-1213(32) Thrift Depot Relocation; Piedmont and Northern Railroad. Funds are needed for full right of way and utilities.	\$450,000.00	Cost
		\$360,000.00	Fed.
		\$90,000.00	State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide E-4975 DIVISION	39831.1.1, STP-000S(430) Blue Ridge National Heritage Area (BRNHA) Trails Program in Divisions 11, 13 and 14. \$55,440.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$53,520.00 Cost \$42,816.00 Fed. \$10,704.00 Local

Bridge

Alleghany Co. B-4701 DIVISION	38476.3.FD1, BRZ-1341(2) Replace Bridge #15 over Elk Creek on SR 1341, 0.093 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$975,000.00 Cost \$780,000.00 Fed. \$195,000.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Interstate Maintenance

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. I-4928 STATEWIDE	41188.3.FS1, IMS-085-1(106)3 New I-85 NBL Weigh Station from SR 1302 (Crowders Mountain Road) to SR 1307 (Edgewood Road), 2.244 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013. See Item K-1 for requested \$12,824,000.00 in State Funds bringing the total funding to \$21,300,000.00.	\$8,476,000.00 Cost \$6,780,800.00 Fed. \$1,695,200.00 State
Iredell Co. I-5606 STATEWIDE	45828.3.FS1, IMPP-077-1(214)45 Pavement Rehabilitation, 9.000 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$15,000,000.00 Cost \$12,000,000.00 Fed. \$3,000,000.00 State

National Highway

Iredell Co. K-4908 STATEWIDE	39894.2.FS1, IMS-77-1(177)39 I-77; New Rest Area pair on new location. \$2,500,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$2,250,000.00) for right of way and utilities, no right of way acquisition will be needed.	-\$2,250,000.00 Cost -\$1,800,000.00 Fed. -\$450,000.00 State
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Bridge

Alexander Co. B-5110 DIVISION	42248.3.FD1, BRZ-1626(3) Replace Bridge #129 over Big Branch Creek on SR 1626, 0.095 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$525,000.00 Cost \$420,000.00 Fed. \$105,000.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. B-5150 DIVISION	42311.2.FD1, BRZ-1404(13) Replace Bridge #34 over Falling Creek on SR 1404. Funds are needed for full right of way and utilities.	\$341,812.00 Cost \$273,450.00 Fed. \$68,362.00 State
Claremont/ Catawba Co. B-5542 DIVISION	45525.1.F1, HBP-1207(7) Bunker Hill Covered Bridge Preservation, Historic Bridge Program Grant. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 Local
Lincoln Co. B-5155 DIVISION	42323.3.FD1, BRZ-1314(5) Replace Bridge #37 over Hoyle Creek on SR 1314, 0.133 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 State

Rail Program

Kings Mountain/ Cleveland Co. Y-5500LA DIVISION	45533.1.FD2, RR-1218(7) Mountain Street and the Norfolk Southern Railroad; Crossing #716 260Y; and Gold Street and the Norfolk Southern Railroad; Crossing #716 261F. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$10,000.00 Fed.
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. C-5564 EXEMPT	44110.3.F1, CMS-000S(758) Land of Sky Regional Council to work with regional clean air campaign and clean vehicle coalition to implement and educational and outreach program in communities adjacent to Great Smokey Mountains National Park. Funds are needed for construction for the implementation of the program.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 Local

Bridge

Madison Co. B-4984 DIVISION	40165.3.FD1, BRSTP-1151(6) Replace Bridge #138 over Big Pine Creek on SR 1151, 0.052 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$825,000.00 Cost \$660,000.00 Fed. \$165,000.00 State
Madison Co. BD-5113F DIVISION	45359.3.FD6, BRZ-1390(2) Replace Bridge #59 over Walnut Creek on SR 1390. Funds are needed for construction.	\$725,000.00 Cost \$580,000.00 Fed. \$145,000.00 State
McDowell Co. BD-5113K DIVISION	45359.3.FD11, BRZ-1760(6) Replace Bridge #64 over Thompsons Creek on SR 1760. Funds are needed for construction.	\$575,000.00 Cost \$460,000.00 Fed. \$115,000.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. W-5213F REGIONAL	45343.1.FR7, HSIP-074A(5) US 74A between SR 2771 (Owenby Cove Road) and SR 2773. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Buncombe Co. W-5213F REGIONAL	45343.3.FR7, HSIP-074A(5) US 74A between SR 2771 (Owenby Cove Road) and SR 2773. Funds are needed for construction for overlay, pavement markings, and snowplowable markers.	\$475,000.00 Cost \$427,500.00 Fed. \$47,500.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Graham Co. BD-5114W REGIONAL	45360.2.FR23, BRSTP-0143(5) Replace Bridge #11 over Longs Creek on NC 143B. Funds are needed for full right of way and utilities.	\$55,000.00 Cost \$44,000.00 Fed. \$11,000.00 State
Henderson Co. B-3346 DIVISION	33004.3.FD1, BRZ-1734(3) Replace Bridge #42 over Saconon Creek on SR 1734, 0.087 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$675,000.00 Cost \$540,000.00 Fed. \$135,000.00 State
Henderson Co. B-4988 DIVISION	40156.3.FD1, BRZ-1528(6) Replace Bridge #309 over Featherstone Creek on SR 1528, 0.051 mile. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 10, 2013.	\$475,000.00 Cost \$380,000.00 Fed. \$95,000.00 State

Safety

Cherokee Co. W-5214O DIVISION	45344.1.FD15, HSIP-1388(4) SR 1388 (Bristol Avenue) from SR 1405 to High School Drive near Andrews. Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
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**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. W-5214Q REGIONAL	45344.1.FR17, HSIP-0276(12) US 276 from SR 1890 (Hunger Creek Road) northward 1.0 mile near Cruso. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Haywood Co. W-5315 STATEWIDE	46138.3.FS1, STPNHS-0074(117) US 74 - Exit 98 in Haywood County to 0.1 miles west of the Jackson/Haywood County Line, 4.856 miles. \$2,950,000.00 has previously been approved for construction. Funds need to be increased \$2,582,172.00 to reflect the low bid received on October 15, 2013.	\$2,582,172.00 Cost \$2,323,955.00 Fed. \$258,217.00 State
Franklin/ Macon Co. W-5214P DIVISION	45344.3.FD16, HSIP-1533(4) SR 1533 (Walnut Creek Road) from US 64 to the Jackson County Line. Funds are needed for construction for the installation of guardrail.	\$65,000.00 Cost \$58,500.00 Fed. \$6,500.00 State
Franklin/ Macon Co. W-5214P DIVISION	45344.1.FD16, HSIP-1533(4) SR 1533 (Walnut Creek Road) from US 64 to the Jackson County Line. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT February 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	50096.FS1, SPR-OSPR(60)	\$730,000.00	Cost
No ID	Statewide Planning and Research (SPR) Work Plan for INRIX	\$584,000.00	Fed.
EXEMPT	Data Collection. Funds are needed for preliminary engineering.	\$146,000.00	State

ITEM M SUMMARY - 69 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$63,070,094.00

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

* U-5542	ACCESS ROAD OFF SR 1182 (BEN WILSON ROAD).	CONSTRUCTION	FY 2014 -	<u>\$750,000</u>	(T)
ORANGE	CONSTRUCT ROADWAY TO SERVE NEW INDUSTRIAL			\$750,000	
PROJ.CATEGORY	SITE NEAR MEBANE.				
DIVISION	<u>PROJECT ADDED AT REQUEST OF DIVISION - ECONOMIC DEVELOPMENT PROJECT.</u>				

DIVISION 9

* U-5539	STREETSCAPE IMPROVEMENT PROJECTS IN THE	ENGINEERING	FY 2014 -	\$100,000	(STPDA)
DAVIE	WINSTON-SALEM URBAN AREA METROPOLITAN		FY 2014 -	\$25,000	(L)
STOKES	PLANNING ORGANIZATION (MPO) AREA.	RIGHT-OF-WAY	FY 2014 -	\$200,000	(STPDA)
DAVIDSON	<u>ADD PRELIMINARY ENGINEERING, RIGHT OF WAY</u>		FY 2014 -	\$50,000	(L)
FORSYTH	<u>AND CONSTRUCTION IN FY 14 NOT PREVIOUSLY</u>	CONSTRUCTION	FY 2014 -	\$700,000	(STPDA)
PROJ.CATEGORY	<u>PROGRAMMED, AT REQUEST OF MPO, AND CHANGE</u>		FY 2014 -	<u>\$175,000</u>	(L)
DIVISION	<u>PROJECT ID NUMBER (PREVIOUSLY EL-5108).</u>			\$1,250,000	

* U-5540	ACCESS ROAD OFF SR 1345 (INTERSTATE DRIVE).	CONSTRUCTION	FY 2014 -	<u>\$1,750,000</u>	(T)
DAVIE	CONSTRUCT ROADWAY TO SERVE NEW			\$1,750,000	
PROJ.CATEGORY	MANUFACTURING SITE IN MOCKSVILLE.				
DIVISION	<u>PROJECT ADDED AT REQUEST OF DIVISION - ECONOMIC DEVELOPMENT PROJECT.</u>				

* U-5541	ACCESS ROAD OFF SR 2528 (HEILIG ROAD).	CONSTRUCTION	FY 2014 -	\$583,000	(T)
ROWAN	CONSTRUCT ROADWAY TO SERVE NEW		FY 2014 -	<u>\$777,000</u>	(S(E))
PROJ.CATEGORY	MANUFACTURING SITE NEAR SALISBURY.			\$1,360,000	
DIVISION	<u>PROJECT ADDED AT REQUEST OF DIVISION - ECONOMIC DEVELOPMENT PROJECT. \$777K IS DEPARTMENT OF COMMERCE CDCBG FUNDS.</u>				

DIVISION 13

* B-5864	NC 80, REPLACE BRIDGE NO. 49 OVER BROWNS	RIGHT-OF-WAY	FY 2017 -	\$20,000	(STPON)
YANCEY	CREEK.	CONSTRUCTION	FY 2018 -	<u>\$470,000</u>	(STPON)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 17 AND CONSTRUCTION IN</u>			\$490,000	
REGIONAL	<u>FY 18 NOT PREVIOUSLY PROGRAMMED.</u>				

* B-5882	SR 1151 (BIG PINE ROAD), REPLACE BRIDGE NO. 145	RIGHT-OF-WAY	FY 2017 -	\$20,000	(STPON)
MADISON	OVER BIG PINE CREEK.	CONSTRUCTION	FY 2018 -	<u>\$300,000</u>	(STPON)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 17 AND CONSTRUCTION IN</u>			\$320,000	
DIVISION	<u>FY 18 NOT PREVIOUSLY PROGRAMMED.</u>				

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 14

* B-5905	US 23 BUSINESS, REPLACE BRIDGE NO. 27 OVER	RIGHT-OF-WAY	FY 2021 -	\$270,000	(STPON)
JACKSON	SCOTT CREEK AND SOUTHERN RAILROAD.	CONSTRUCTION	FY 2022 -	<u>\$5,400,000</u>	(STPON)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 21 AND CONSTRUCTION IN</u>			\$5,670,000	
REGIONAL	<u>FY 22 NOT PREVIOUSLY PROGRAMMED.</u>				

* B-5910	NC 116, REPLACE BRIDGE NO. 32 OVER SAVANNAH	RIGHT-OF-WAY	FY 2021 -	\$90,000	(STPON)
JACKSON	CREEK.	CONSTRUCTION	FY 2022 -	<u>\$1,800,000</u>	(STPON)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 21 AND CONSTRUCTION IN</u>			\$1,890,000	
REGIONAL	<u>FY 22 NOT PREVIOUSLY PROGRAMMED.</u>				

STIP MODIFICATIONS

DIVISION 1

E-5501	VARIOUS, FREEDOM ROADS. INSTALL INTERACTIVE	CONSTRUCTION	FY 2014 -	\$96,000	(STPE)
BRUNSWICK	WAYSIDE SIGNAGE FOR DESIGNATED SITES.		FY 2014 -	<u>\$128,000</u>	(O)
PASQUOTANK	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>			\$224,000	
CAMDEN	<u>ALLOW ADDITIONAL TIME TO FINALIZE AGREEMENT.</u>				
WASHINGTON					
EDGECOMBE					
CRAVEN					
CHOWAN					
BEAUFORT					
DURHAM					
WAYNE					
HALIFAX					
DARE					
BUNCOMBE					
ALAMANCE					
GUILFORD					
LENOIR					
PROJ.CATEGORY					
DIVISION					

DIVISION 4

E-5503	VARIOUS, BENTONVILLE BATTLEFIELD. INSTALLATION	CONSTRUCTION	FY 2014 -	\$100,000	(STPE)
JOHNSTON	OF THREE VISITOR TOUR STOPS WITH WAYSIDE		FY 2014 -	\$80,000	(O)
PROJ.CATEGORY	EXHIBITS.			\$180,000	
DIVISION	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>				
	<u>ALLOW ADDITIONAL TIME TO FINALIZE AGREEMENT.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

W-5332 WAYNE PROJ.CATEGORY STATEWIDE	US 117, SR 1120 (O'BERRY ROAD). INTERSECTION SAFETY IMPROVEMENTS. <u>DELAY CONSTRUCTION FROM FY 13 TO FY 19 TO ALLOW ADDITIONAL TIME TO COORDINATE WITH PROJECT W-5204A.</u>	CONSTRUCTION	FY 2019 -	\$675,000 \$675,000	(HSIP)
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DIVISION 5

U-5315 WAKE PROJ.CATEGORY DIVISION	MORRISVILLE PARKWAY EXTENSION, SR 1600 / SR 1625 (GREEN LEVEL CHURCH ROAD) TO EAST OF NC 55 IN CARY. WIDEN FROM 2 TO 4 LANES AND CONSTRUCT INTERCHANGE AT NC 540 (TRIANGLE EXPRESSWAY / WESTERN WAKE FREEWAY). <u>MODIFY DESCRIPTION TO REFLECT CURRENT DOCUMENT SCOPE.</u>	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY</u>
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DIVISION 7

C-5184 ORANGE PROJ.CATEGORY EXEMPT	RIVERWALK TRAIL, RIVERWALK TRAIL, PHASE III IN HILLSBOROUGH. CONSTRUCT A PAVED OFF-ROAD TRAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA, AND CONSTRUCT SIDEWALK TO PROVIDE PEDESTRIAN AND BICYCLE CONNECTIONS TO THE GREENWAY. <u>DELAY RIGHT-OF-WAY FROM FY 13 TO FY 14 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2014 - FY 2014 - FY 2014 - FY 2014 -	\$80,000 \$20,000 \$360,000 \$90,000	(CMAQ) (C) (CMAQ) (C)
				\$550,000	

C-5561 GUILFORD PROJ.CATEGORY EXEMPT	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION VANPOOL VEHICLE REPLACEMENT / EXPANSION. <u>DELAY ACQUISITION FROM FY 13 TO FY 14 TO ALLOW ADDITIONAL TIME FOR EXECUTION OF MUNICIPAL AGREEMENT.</u>	ACQUISITION	FY 2014 - FY 2014 -	\$224,000 \$56,000	(CMAQ) (L)
				\$280,000	

* EL-5101 GUILFORD PROJ.CATEGORY DIVISION	PEDESTRIAN AND BICYCLE PROJECTS IN THE GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION (GUAMPO). <u>ADD RIGHT-OF-WAY IN FY 14 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2014 - FY 2014 - FY 2014 - FY 2014 - FY 2015 - FY 2015 -	\$150,000 \$37,500 \$3,040,000 \$760,000 \$1,600,000 \$400,000	(STPDA) (C) (STPDA) (C) (STPDA) (C)
				\$5,987,500	

U-5306C GUILFORD PROJ.CATEGORY REGIONAL	US 220 (BATTLEGROUND AVENUE), INTERSECTION WITH NEW GARDEN ROAD AND APPROACHES <u>DELAY RIGHT-OF-WAY FROM FY 13 TO FY 14 TO ALLOW CITY ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2014 - FY 2015 -	\$220,000 \$1,000,000	(NHP) (NHP)
				\$1,220,000	

* INDICATES FEDERAL AMENDMENT

Thursday, February 06, 2014

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

C-5559	TRANSIT OPERATIONS SUPPORT FOR CITY OF	IMPLEMENTATION	FY 2014 -	\$144,000	(CMAQ)
DAVIDSON	LEXINGTON CIRCULATOR ROUTE AND THOMASVILLE /		FY 2014 -	\$36,000	(L)
PROJ.CATEGORY	LEXINGTON CONNECTOR ROUTE.			\$180,000	
EXEMPT	<u>DELAY IMPLEMENTATION FROM FY 13 TO FY 14 TO</u> <u>ALLOW ADDITIONAL TIME FOR EXECUTION OF</u> <u>MUNICIPAL AGREEMENT.</u>				
C-5560	TOWN OF DENTON. PURCHASE ELECTRIC VEHICLE	ACQUISITION	FY 2014 -	\$32,000	(CMAQ)
DAVIDSON	AND CHARGING STATION.		FY 2014 -	\$8,000	(C)
PROJ.CATEGORY	<u>DELAY ACQUISITION FROM FY 13 TO FY 14 TO ALLOW</u> <u>ADDITIONAL TIME FOR EXECUTION OF MUNICIPAL</u> <u>AGREEMENT.</u>			\$40,000	
EXEMPT					
* U-4741	BICYCLE, PEDESTRIAN, AND TRANSPORTATION	ENGINEERING	FY 2014 -	\$230,000	(STPDA)
DAVIE	ALTERNATIVES PROGRAM (TAP)-ELIGIBLE PROJECTS		FY 2014 -	\$80,000	(TA)
STOKES	IN THE WINSTON-SALEM URBAN AREA METROPOLITAN		FY 2014 -	\$78,000	(L)
DAVIDSON	PLANNING ORGANIZATION (MPO) AREA..		FY 2015 -	\$120,000	(STPDA)
FORSYTH	<u>CHANGE DESCRIPTION AT MPO REQUEST AND ADD</u> <u>PRELIMINARY ENGINEERING, RIGHT OF WAY AND</u> <u>CONSTRUCTION IN FY 14 AND FY 15 NOT PREVIOUSLY</u> <u>PROGRAMMED.</u>	RIGHT-OF-WAY	FY 2014 -	\$460,000	(STPDA)
PROJ.CATEGORY			FY 2014 -	\$155,000	(TA)
DIVISION			FY 2014 -	\$154,000	(L)
			FY 2015 -	\$240,000	(STPDA)
			FY 2015 -	\$60,000	(L)
		CONSTRUCTION	FY 2014 -	\$1,610,000	(STPDA)
			FY 2014 -	\$550,000	(TA)
			FY 2014 -	\$541,000	(L)
			FY 2015 -	\$840,000	(STPDA)
			FY 2015 -	\$210,000	(L)
				\$5,358,000	
* U-4742	INTERSECTION IMPROVEMENT PROJECTS IN THE	ENGINEERING	FY 2014 -	\$100,000	(STPDA)
DAVIE	WINSTON-SALEM URBAN AREA		FY 2014 -	\$25,000	(L)
STOKES	METROPOLITAN PLANNING		FY 2015 -	\$40,000	(STPDA)
DAVIDSON	ORGANIZATION (WSUAMPO) AREA.		FY 2015 -	\$10,000	(L)
FORSYTH	<u>ADD PRELIMINARY ENGINEERING, RIGHT OF WAY</u> <u>AND CONSTRUCTION IN FY 14 AND FY 15 NOT</u> <u>PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.</u>	RIGHT-OF-WAY	FY 2014 -	\$200,000	(STPDA)
PROJ.CATEGORY			FY 2014 -	\$50,000	(L)
DIVISION			FY 2015 -	\$80,000	(STPDA)
			FY 2015 -	\$20,000	(L)
		CONSTRUCTION	FY 2014 -	\$700,000	(STPDA)
			FY 2014 -	\$175,000	(L)
			FY 2015 -	\$280,000	(STPDA)
			FY 2015 -	\$70,000	(L)
				\$1,750,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

* U-5506	SMALL ROADWAY PROJECTS IN THE WINSTON-SALEM	ENGINEERING	FY 2015 -	\$560,000	(STPDA)
STOKES	URBAN AREA METROPOLITAN PLANNING		FY 2015 -	\$140,000	(L)
DAVIE	ORGANIZATION (MPO) AREA.	RIGHT-OF-WAY	FY 2015 -	\$1,120,000	(STPDA)
DAVIDSON	<u>ADD PRELIMINARY ENGINEERING, RIGHT OF WAY</u>		FY 2015 -	\$280,000	(L)
FORSYTH	<u>AND CONSTRUCTION IN FY 15 NOT PREVIOUSLY</u>	CONSTRUCTION	FY 2015 -	\$3,920,000	(STPDA)
PROJ.CATEGORY	<u>PROGRAMMED, AT REQUEST OF MPO.</u>		FY 2015 -	\$980,000	(L)
DIVISION				\$7,000,000	

DIVISION 10

B-5169	SR 1127 (OLD US 52), REMOVE BRIDGE NO. 309 OVER	CONSTRUCTION	FY 2014 -	\$60,000	(STPOFF)
ANSON	NORTH FORK JONES CREEK.			\$60,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>				
DIVISION	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

C-4916A	DALE EARNHARDT BOULEVARD, HUDSON STREET TO	CONSTRUCTION	FY 2014 -	\$272,000	(CMAQ)
CABARRUS	SOUTH CANNON BOULEVARD		FY 2014 -	\$68,000	(C)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>			\$340,000	
DIVISION	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

C-4918A	US 29, SR 1394 (POPLAR TENT ROAD) - INTERSECTION	CONSTRUCTION	FY 2014 -	\$662,000	(CMAQ)
CABARRUS	IMPROVEMENTS		FY 2014 -	\$165,000	(C)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>			\$827,000	
DIVISION	<u>ALLOW ADDITIONAL TIME TO COMPLETE RIGHT OF</u>				
	<u>WAY ACQUISITION.</u>				

C-4918B	US 601, NC 3 - ADDITIONAL TURN LANES	CONSTRUCTION	FY 2014 -	\$826,000	(CMAQ)
CABARRUS	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>		FY 2014 -	\$206,000	(C)
PROJ.CATEGORY	<u>ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT OF</u>			\$1,032,000	
DIVISION	<u>WAY.</u>				

C-5225	CHARLOTTE, TOBY CREEK GREENWAY (PHASE II).	CONSTRUCTION	FY 2014 -	\$1,274,000	(CMAQ)
MECKLENBURG	CONNECT UNCC TO NEARBY RETAIL AND		FY 2014 -	\$700,000	(STPEB)
PROJ.CATEGORY	RESIDENTIAL DEVELOPMENT.		FY 2014 -	\$319,000	(L)
EXEMPT	<u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO</u>			\$2,293,000	
	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

P-5200EA MECKLENBURG PROJ.CATEGORY REGIONAL	P & N CORRIDOR REACTIVATION, THRIFT DEPOT RELOCATION <u>DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 13 TO FY 14.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2014 - \$320,000 (STPE) FY 2014 - \$80,000 (T2001) FY 2014 - \$240,000 (STPE) FY 2014 - <u>\$60,000</u> (T2001) \$700,000
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U-3440 CABARRUS PROJ.CATEGORY REGIONAL	NC 3, PROPOSED WEST SIDE BYPASS (U-2009) TO SR 1691 (LOOP ROAD) IN KANNAPOLIS. WIDEN TO A FOUR-LANE DIVIDED FACILITY. <u>CHANGE FUNDING SOURCE TO STATE TRUST (T) FUNDS.</u>	UTILITIES RIGHT-OF-WAY CONSTRUCTION	FY 2014 - \$420,000 (T) FY 2014 - \$9,000,000 (T) FY 2015 - <u>\$18,500,000</u> (T) \$27,920,000
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DIVISION 11

BK-5119 WATAUGA PROJ.CATEGORY DIVISION	SR 1225, REPLACE BRIDGE NO. 25 OVER CREEK. <u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO FACILITATE A CONSTRUCTION SCHEDULE THAT MINIMIZES DISRUPTION TO A NEARBY SCHOOL.</u>	CONSTRUCTION	FY 2014 - \$500,000 (STPOFF) \$500,000
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EB-5014 SURRY PROJ.CATEGORY DIVISION	MOUNT AIRY, MOUNT AIRY GREENWAY LOOP. <u>DELAY RIGHT-OF-WAY FROM FY 13 TO FY 15 AND CONSTRUCTION FROM FY 13 TO FY 15 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$56,000 (STPEB) FY 2015 - \$14,000 (S(M)) FY 2015 - \$1,464,000 (STPEB) FY 2015 - <u>\$366,000</u> (S(M)) \$1,900,000
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DIVISION 12

C-5195 CATAWBA PROJ.CATEGORY EXEMPT	CLAREMONT, CONSTRUCT SIDEWALKS AT VARIOUS LOCATIONS IN CLAREMONT. <u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	CONSTRUCTION	FY 2014 - \$496,000 (CMAQ) FY 2014 - <u>\$124,000</u> (C) \$620,000
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C-5505 GASTON PROJ.CATEGORY EXEMPT	BELMONT, RAIL TRAIL, WOODLAWN AVENUE TO BELMONT ABBEY COLLEGE AND DOWNTOWN. CONVERT ABANDONED NCDOT RAILROAD LINE TO A PEDESTRIAN TRAIL. <u>DELAY CONSTRUCTION FROM FY 13 TO FY 14 TO ALLOW FOR ADDITIONAL TIME TO NEGOTIATE WITH THE RAILROAD.</u>	CONSTRUCTION	FY 2014 - \$1,040,000 (CMAQ) FY 2014 - <u>\$260,000</u> (C) \$1,300,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

* R-3100A CATAWBA PROJ.CATEGORY REGIONAL	NC 16, SR 1895 (TOWER ROAD) TO SR 1814 (CALDWELL ROAD)	UTILITIES RIGHT-OF-WAY CONSTRUCTION	FY 2014 - \$1,600,000 (STP) FY 2014 - \$8,500,000 (STP) FY 2016 - \$12,050,000 (STP) FY 2017 - \$12,050,000 (STP)	
	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16. RIGHT OF WAY HAS BEEN DELAYED TO ALLOW TIME TO EVALUATE RESULTS FROM PRIORITIZATION AND DETERMINE LIKELYHOOD THAT PROJECT WILL ADVANCE TO CONSTRUCTION. THIS DELAY IN RIGHT OF WAY HAS ALSO DELAYED CONSTRUCTION.</u>		\$34,200,000	

* U-3633 GASTON PROJ.CATEGORY REGIONAL	NC 273 (SOUTH MAIN STREET), TUCKASEEGEE ROAD (AT BEATTY DRIVE) TO HIGHLAND STREET (AT A & E DRIVE) IN MOUNT HOLLY. WIDEN TO MULTI-LANES.	UTILITIES RIGHT-OF-WAY CONSTRUCTION	FY 2014 - \$1,350,000 (NHP) FY 2014 - \$2,500,000 (NHP) FY 2016 - \$6,200,000 (NHP) FY 2017 - \$6,200,000 (NHP)	
	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16. RIGHT OF WAY HAS BEEN DELAYED TO ALLOW TIME TO EVALUATE RESULTS FROM PRIORITIZATION AND DETERMINE LIKELYHOOD THAT PROJECT WILL ADVANCE TO CONSTRUCTION. THIS DELAY IN RIGHT</u>		\$16,250,000	

DIVISION 13

* R-3612 RUTHERFORD PROJ.CATEGORY REGIONAL	US 221A, SR 1920 (MAIN STREET) IN HENRIETTA TO SR 1941 (MELTON STREET) IN CAROLEEN. WIDENING AND RESURFACING.	UTILITIES RIGHT-OF-WAY CONSTRUCTION	FY 2014 - \$300,000 (STP) FY 2014 - \$900,000 (STP) FY 2016 - \$4,600,000 (STP)	
	<u>DELAY RIGHT-OF-WAY FROM FY 13 TO FY 14 AND CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>		\$5,800,000	

DIVISION 14

R-5207C HENDERSON PROJ.CATEGORY DIVISION	SR 1006 (HOWARD GAP ROAD), SR 1539 (JACKSON ROAD) TO US 25 IN FLETCHER	RIGHT-OF-WAY CONSTRUCTION	FY 2014 - \$100,000 (T) FY 2015 - \$850,000 (T)	
	<u>DELAY RIGHT-OF-WAY FROM FY 13 TO FY 14 AND CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>		\$950,000	

STIP DELETIONS

DIVISION 10

* C-4960 UNION PROJ.CATEGORY EXEMPT	INDIAN TRAIL, INTERSECTION IMPROVEMENTS AT INDIAN TRAIL AND OLD MONROE ROAD.	CONSTRUCTION	FY 2013 - \$510,000 (CMAQ) FY 2013 - \$128,000 (C)	
	<u>DELETE PROJECT AT THE REQUEST OF THE MPO.</u>		\$638,000	

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM

STIP DELETIONS

DIVISION 11

* B-5519

ASHE

PROJ.CATEGORY

DIVISION

SR 1308 (ROUNDAABOUT ROAD), REPLACE BRIDGE NO.
130 OVER CREEK.DELETE, WORK TO BE ACCOMPLISHED WITH OTHER
FUNDS.

RIGHT-OF-WAY

MITIGATION

CONSTRUCTION

FY 2019 -

FY 2019 -

FY 2020 -

\$30,000

\$2,000

\$300,000

\$332,000

(STPOFF)

(STPOFF)

(STPOFF)

DIVISION 13

* B-5514

BUNCOMBE

PROJ.CATEGORY

DIVISION

SR 1617 (SLUDER BRANCH), REPLACE BRIDGE NO. 19
OVER NEWFOUND CREEK.DELETE, BRIDGE WAS REPLACED WITH OTHER
FUNDS.

RIGHT-OF-WAY

CONSTRUCTION

FY 2019 -

FY 2020 -

\$180,000

\$1,800,000

\$1,980,000

(STPOFF)

(STPOFF)

ITEM N SUMMARY

ADDITIONS	8	PROJECTS	\$13,480,000
MODIFICATIONS	28	PROJECTS	
DELETIONS	3	PROJECTS	\$2,950,000
	39	PROJECTS	\$10,530,000

* INDICATES FEDERAL AMENDMENT

Thursday, February 06, 2014

SUMMARY: There are total of 20 agreements for approval by the Board of Transportation.

Division 4

Town of Scotland Neck
Halifax County
ER-2971
3604.3.13

This Project consists of the installation of curb and gutter and sidewalk along the north side of NC 903 between US 258 and the Scotland Neck town limits. The Department shall prepare the planning document, plans and specifications administer and award the construction contract. The Municipality shall acquire any needed right of way, relocate and adjust all utilities in conflict with the Project and assume maintenance of the sidewalk. The Department shall participate in the actual construction costs not to exceed \$89,000. Costs which exceed this amount shall be borne by the Municipality.

Town of Pine Level
Johnston County
ER-2971
3604.3.12

This Project consists of construction of sidewalk on the north side of SR 2309 (Peedin Street) from Townview Drive to a point approximately 100 feet east of US 70A. The Municipality shall prepare the planning documents, plans and specifications, acquire any needed right of way, relocate and adjust all utilities in conflict and assume maintenance of the sidewalk. The Department shall participate in the actual construction costs not to exceed \$90,000. Costs which exceed this amount shall be borne by the Municipality.

Division 5

Town of Apex
Wake County
B-4991
40890.3.FD1

This Project consists of the relocation of water meters and valves, water lines (2" and 12"), installation of 24" water line, removal of fire hydrant, and relocation of 8" force main sewer and gravity sewer (6") in Wake County. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department for said utility work. The estimated cost to the Municipality is \$842,200.

Division 5 - continued

CSX Transportation, Inc.
(CSXT)
Wake County
P-5500
44092

The Department and CSXT, on November 4, 2011, entered into the Master Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State of North Carolina. On July 25, 2013, the Department and CSXT entered into Addendum No. 3 to the Master Engineering Agreement which provided terms for CSXT to review the Department's plans to install a #20 Universal Crossover and related rail and signal improvements on the CSXT "S-Line" between CP Southern Junction and CP Boylan and track and signal improvements for the Raleigh Union Station. This Supplemental Agreement No.1 to Addendum No. 3 to the Master Engineering Agreement adds provisions for CSXT to design and construct the Communications and Signal System for the track improvements required for Raleigh Union Station, and increases the estimated cost to the Department for Preliminary Engineering from \$115,918 to \$500,000.

Division 6

City of Fayetteville
Cumberland County
U-2519CB
34817.3.S8

This Project consists of construction of I-295, the Fayetteville Outer Loop, from south of Cliffdale Road to east of the All American Freeway including improvements to Cliffdale Road within the Project limits. The Department shall prepare the environmental and/or planning document, plans and specifications, construct the Project, and acquire any needed right of way. The Municipality shall relocate and adjust any municipally owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of sidewalks. The Municipality shall reimburse the Department 50% (\$43,905) of the actual cost of the work. The estimated cost of the sidewalks is \$87,810. This Agreement supersedes the Agreement approved by the Board on 1/9/2014.

Division 6 - continued

City of Fayetteville
Cumberland County
B-4091
33449.2.2

This Project consists of the replacement of Bridge No. 85 over the Cape Fear River on US 301 and the replacement of Bridge No. 61 over Cross Creek on I-95 Business/US 301 in Fayetteville. This Supplemental agreement is to close a portion of US301/I-95 and detour traffic onto Middle Road. The Department will assume all maintenance responsibilities for this portion for the duration of the construction contract. Once construction is completed and accepted by the Department, the Municipality will resume responsibilities for the portion of Middle Road from Dunn Road to the overpass on US301/I-95 Bus.

Division 7

CSX Transportation, Inc. (CSXT)
Cumberland County
P-4901 A
41068.1.1

On October 2, 2009, the Department and CSXT entered into a Railroad Master Construction Agreement which detailed the terms and conditions by which CSXT would construct various rail safety improvements within the State of North Carolina. This Addendum #3 covers the specific improvements to the Fort Bragg Connector in Cumberland County. CSXT shall perform all of the work, and the Department shall reimburse CSXT one hundred percent (100%) of the actual eligible construction costs. An estimated cost of \$6,661,325 was approved by the Board of Transportation on July 11, 2013. The estimated cost to the Department has increased to \$6,789,829

Division 7- continued

City of Greensboro
Guilford County
Z-5400GH
43600.1.45
43600.3.45

This Agreement provides for the installation of automatic warning devices and upgrades to approaches at the Norfolk Southern Railway's municipal at-grade crossing on E. Florida Street (Crossing No. 722 165S) in the City of Greensboro, Guilford County, North Carolina. The Department shall arrange for Norfolk Southern Railway (hereinafter the "Railroad") by separate agreement to prepare plans and to perform the installation of the automatic warning devices. The Municipality shall prepare the plans and perform any necessary approach work. The Railroad shall be responsible for all maintenance of the warning devices. The Municipality will be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the warning device installation work; (2) 100% of any cost not reimbursed by FHWA; and (3) 50% of the Railroad's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the Project is \$300,000.

City of Greensboro
Guilford County
Z-5400GE
43600.1.38
43600.3.38

This Agreement provides for the installation of automatic warning devices and upgrades to approaches at the NCR's municipal at-grade crossing on Yanceyville Street (Crossing No. 722 542D) in the City of Greensboro, Guilford County, North Carolina. The Department shall arrange for Norfolk Southern (hereinafter the "Railroad") by separate agreement to prepare plans and to perform the installation of the automatic warning devices. The Municipality shall prepare the plans and perform any necessary approach work. The Railroad shall be responsible for all maintenance of the warning devices. The Municipality will be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the warning device installation work; (2) 100% of any cost not reimbursed by FHWA; and (3) 50% of the Railroad's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the Project is \$320,000.

Division 8

City of Asheboro
Randolph County
17BP.8.R.19

This Project consists of certain street and highway improvements on Bridge No. 419 over Penwood Branch on SR 2159 (Draper Street) in Randolph County. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$130,184.

Division 9

Town of East Spencer
Rowan County
ER-2971 I
3609.3.18

This Project consists of the construction of sidewalk and ADA ramps along Andrews Street between Long Street and Shaver Street in Rowan County. The Municipality shall acquire any needed right of way, relocate and adjust all utilities in conflict with the Project and assume maintenance of sidewalk. The Department shall prepare the environmental and/or planning document, plans and specifications, administer and award the construction contract.

Division 10

City of Charlotte
Mecklenburg County
C-5543
51013.1.F1
51013.2.F1
51013.3.F1

This Project consists of the construction of a sidewalk on the south side of Sunset Road between I-77 and Statesville Avenue. The Project will also include installation of a sidewalk on the overpass of I-77 in Charlotte. The Municipality shall be responsible for all phases of the Project. The Department shall allocate an amount not to exceed 75% (\$1,386,000) from the CMAQ funds allocation. The Municipality shall be responsible for providing the 25% (\$462,000) matching funds for the CMAQ funds authorized and all costs that exceed the total estimated cost.

City of Charlotte
Mecklenburg County
C-5541
51011.3.1

This Project consists of the construction of a sidewalk on the southwest side of Providence Road, filling in several gaps in the sidewalk network between Mammoth Oaks Drive and East Barden Road in Charlotte. The Municipality shall be responsible for all phases of the Project. The Department shall allocate an amount not to exceed 70% (\$750,000) from the CMAQ funds allocation. The Municipality shall be responsible for providing the 30% (\$325,000) matching funds for the CMAQ funds authorized and all costs that exceed the total estimated cost.

Division 10 - continued

City of Charlotte
Mecklenburg County
I-3311 C
34181.1.7

This P3 Project consists of the replacement of Bridge No. 590286 on Oaklawn Avenue over I-77, the replacement of Bridge No. 590153 on LaSalle Street over I-77 and Bridge No. 59-335 on Hamilton Street over I-277 in Charlotte. The Department shall prepare the environmental and/or planning documents, project plans and specifications, construct the project, and acquire any needed right of way. At the request of the Municipality, the Department shall include in its contract the construction of sidewalks on Oaklawn Avenue, LaSalle Street and Hamilton Street. The Municipality shall reimburse the Department 50% percent of the actual cost of the sidewalks, estimated at \$312,276. The total estimated cost for the sidewalks is \$624,552. This Agreement also identifies potential commitments for this P3 Project. In the event that these potential commitments become necessary, a supplemental Agreement will be prepared.

Town of Davidson
Mecklenburg County
I-4750 AA
40099.1.1

This P3 Project consists of the replacement of Bridge No. 590364 on SR 2158 (Griffith Street) over I-77 in Davidson. The Department shall prepare the environmental and/or planning documents, project plans and specifications, construct the project, and acquire any needed right of way. At the request of the Municipality, the Department shall include in its contract the construction of sidewalks on Griffith Street. The Municipality shall reimburse the Department 30% percent of the actual cost of the sidewalks, estimated at \$19,718. The total estimated cost for the sidewalks is \$65,728. This Agreement also identifies potential commitments for this P3 Project. In the event that these potential commitments become necessary, a supplemental Agreement will be prepared.

Town of Cornelius
Mecklenburg County
I-5405
45454.1.1

This P3 Project consists of improvements along I-77 within the municipal boundaries of Cornelius. This Agreement also identifies potential commitments for this P3 Project. In the event that these potential commitments become necessary, a supplemental Agreement will be prepared.

Town of Huntersville
Mecklenburg County
I-5405
45454.1.1

This P3 Project consists of improvements along I-77 within the municipal boundaries of Huntersville. This Agreement also identifies potential commitments for this P3 Project. In the event that these potential commitments become necessary, a supplemental Agreement will be prepared.

Division 11

Town of West Jefferson
Ashe County
EB-3314 G
33935.1.FD7
33935.2.FD7

This Project consists of pedestrian improvements along Jefferson Avenue and Second Street including installation of sidewalk, crosswalks, curb and gutter, drainage, and additional pedestrian amenities. The Project will include the removal of the traffic signal at Jefferson Avenue and Second Street and installation of an all-way stop in Ashe County. The Municipality is responsible for all phases of the Project. The Department shall participate up to a maximum amount of \$275,000, including \$55,000 in state match. The Municipality shall provide all costs that exceed the total estimated cost.

Town of Blowing Rock
Watauga County
R-5525
43761.3.1

This Project consists of the installation of new water and sewer lines along the access road to Blowing Rock Post-Acute Care Facility in Watauga County. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to install new water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$250,340.

Division 12

City of Gastonia
Gaston County
Z-5400LC
43600.1.40
43600.3.40

This Agreement provides for the installation of automatic warning devices and upgrades to approaches at the NCRR's municipal at-grade crossing on May Street (Crossing No. 716 230G) in the City of Gastonia, Gaston County, North Carolina. The Department shall arrange with Norfolk Southern (hereinafter the "Railroad") by separate agreement to prepare plans and to perform the installation of the automatic warning devices. The Municipality shall prepare the plans and perform any necessary approach work. The Railroad shall be responsible for all maintenance of the warning devices. The Municipality will be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the warning device installation work; (2) 100% of any cost not reimbursed by FHWA; and (3) 50% of the Railroad's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the Project is \$302,000.

SUMMARY: There are a total of 22 agreements for informational purposes only.

Division 2

Town of Morehead City
Carteret County
36249.3316

This Project consists of the installation of a fire station signal on US 70 at Fire Station #2 in Morehead City. The Municipality is responsible for the perpetual electrical service and maintenance of the signal. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department. The estimated cost is \$130,000.

Town of Emerald Isle
Carteret County
ER-2971
3602.3.112

This Project consists of extension of the existing multiuse path from its terminus at Hurst Drive/NC 58 to the intersection of Elizabeth Street/NC 58 in Emerald Isle. This Supplemental Agreement is to extend the completion date of the Project to March 31, 2014 in lieu of August 13, 2012.

Division 3

Cape Fear Community College
New Hanover County
36249.3310

This Project consists of the installation of trailblazing signs from I-40 to Cape Fear Community College, North Campus, beginning at I-40 exit 414 to SR 1002 (Holly Shelter Road) to US 117/132 (N. College Road). The Agency shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost of the work is \$22,905.

Surf City Retail Center
Development
Pender County
36249.3317

This Project consists of the signal review for the existing signal located at NC 50/ NC 210 (Roland Road) and NC 210 (New River Drive)/SR 1534 (Belt Road), also, NC 210 and the driveway entrance located approximately 850 feet west of NC 50 in Pender County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$5,000.

Division 4

City of Roanoke Rapids
Halifax County
36248.425

This Project consists of roadway improvements on non-system streets within the town limits of Roanoke Rapids. The Department is responsible for all phases of the Project. The Municipality shall reimburse the Department on a monthly basis using Powell Bill funds.

Division 5

Wake County Board of
Education
Wake County
36249.3308

This Project consists of revising the traffic signal on NC 50 (Benson Road) at SR 2703 (New Bethel Church Road). The revision is needed due to the construction of additional lanes on north and southbound NC 50 in Wake County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$7,500.

Primrose School Franchising
Company
Wake County
36249.3301

This Project consists of revising the traffic signal at SR 1308 (Laura Duncan Road) and US 64 to accommodate new lanes on Laura Duncan, south of US 54 in Wake County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

Cary Development Partners,
LLC
Wake County
36249.3300

This Project consists of revising the traffic signal at NC 50 (Creedmoor Road) and Plaza Place, south of SR 1822 (Millbrook Road), 05-1322, to accommodate an additional right turn lane on northbound Creedmoor Road in Wake County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

Page Road Developer, LLC
Durham County
36249.3299

This Project consists of revising the traffic signal at SR 2028 (TW Alexander Drive) and SR 1973 (Page Road), 05-1384, to accommodate the widening due to adding a northbound left turn lane on Page Road and westbound T W Alexander changing the right turn only to a thru-right in Durham County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

Division 6

Branch Banking & Trust
Company
Cumberland County
36249.3306

This Project consists of revising the traffic signal at NC 24/87 (Bragg Boulevard) at McKenzie Street/New Street, in Spring Lake. The revision includes relocation and installation of a right-turn lane. The Department will revise the signal plans for the Developer under this agreement. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

Division 7

City of High Point
Guilford County
EL-5104
45215.1.1

This Project consists of planning and preliminary engineering for a greenway trail connecting University Park with the Piedmont Environmental Center in Guilford County. This Supplemental Agreement extends the completion date for the Project to July 1, 2014, in lieu of December 31, 2011. This Agreement supersedes the Agreement that was approved by the Board on June 6, 2013.

NCDENR
Guilford County
7B.204111

This Project consists of the replacement of a 60" pipe for driveway at the Haw River State Park. The Department shall be responsible for all phases of the Project. The Agency shall reimburse the Department \$78,000 for work performed by the Department. The estimated total cost of the Project is \$78,000.

Division 8

Town of Franklinville
Randolph County
36249.3309

This Project consists of the purchase of deicing salt from the Department for the safe and efficient utilization of transportation systems for the public good in the Town of Franklinville. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the deicing salt. The estimated reimbursement to the Department for the deicing salt is \$76.81 per ton up to 20 tons.

Division 9

Town of Bermuda Run
Davie County
U-4742 MA
39746.1.21

This Project consists of the design and construction of a roundabout near the west side of the Kathryn Crosby Bridge on US 158 at the westbound intersection with Twins Way and the eastbound intersection with Bermuda Run Drive in Bermuda Run. This Supplemental Agreement extends the completion date for the Project to December 31, 2014 in lieu of December 31, 2013.

Division 9 continued

City of Winston Salem
Forsyth County
41043

This Project consists of the installation of a new traffic signal at SR 1525 (Yadkinville Road) and SR 3210 (Transou Road) in Winston Salem. This Supplemental Agreement extends the completion date of the Project to April 30, 2014 in lieu of September 1, 2013.

Winston Salem Forsyth County
Board of Education
Forsyth County
36249.3234

This Project consists of resurfacing roads and parking lots at several locations in Forsyth County. This Supplemental Agreement is for additional work to be included in the scope of the Project. The WS/FCBOE shall reimburse the Department in the amount of \$76,288.07.

Division 10

Mint Hill Partners, LLC
Mecklenburg County
36249.3302

This Project consists of the installation of a traffic signal at NC 51 and Brighton Park Drive and an upgrade to the existing traffic signal at NC 51 and Lawyers Road in Mecklenburg County. The Developer shall reimburse the Department 100% of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

M/I Homes, Inc., Charlotte
Division
Cabarrus County
36249.3303
36249.3304

This Project consists of the installation of a traffic signal at the intersection of Poplar Tent Road and Huntersville-Concord Road (WBS 36249.3303) and modifications to be made to the existing traffic signal at the intersection of Rocky River Road and Hickory Ridge Road (WBS 36249.3304) in Cabarrus County. The Developer shall reimburse the Department 100% of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000 (\$5,000 towards each intersection).

HSREI, LLC
Cabarrus County
36249.3307

This Project consists of the installation of a traffic signal at the intersection of Bruton Smith Boulevard (SR 2894) and West Cabarrus Church/Honda of Concord Driveway and upgrade the existing traffic signal at the intersection of Bruton Smith Boulevard (SR 2894) and Weddington Road (SR 1431) in Cabarrus County. The Developer shall reimburse the Department 100% of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

Division 11

City of Lenoir
Caldwell County
11.101411

This Project consists of the installation of guardrail and end units on US 321 at Victoria Lane (NS) in Caldwell County. The Department shall be responsible for all phases of the Project. The Municipality shall participate in the costs of the Project up to a maximum amount of \$3,800. The estimated total cost of the Project is \$7,600.

City of Sawmills
Caldwell County
11.101415

This Project covers the "routine" mowing and "clean-up" of state system streets within the corporate limits of Sawmills. This Supplemental Agreement extends the effective time frame of the Agreement an additional three (3) years beginning July 1, 2014 through June 30, 2017.

Division 14

Town of Webster
County of Jackson
36249.3305

This Project consists of installing two "Speed Checked by Radar" signs. One will be installed after North River Road entering into the town limits and the other will be installed after the town limits sign near Southwestern Community College and after the planned roundabout in Jackson County. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost of the work is \$300.

NCDOT February 2014 Board of Transportation Agenda

Approval of Municipal Street System Changes

There will be no municipal street system changes presented for approval at the February 2014 Board meeting.

NCDOT February 2014 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 and R-2
2	Final Right of Way Plans	R-3 thru R-5
3	Revisions of Final Right of Way Plans	R-6
4	Approval of Conveyance of Highway Right of Way Residue	R-7
5	Approval of Surplus Highway Right of Way	R-8

Preliminary Right of Way Plans

The Preliminary Right of Way Plans for the below projects, including Secondary Roads and Industrial Access Roads, provide for the construction, design, drainage and control of access as shown on the respective plans.

Based upon the recommendations of the Manager of the Right of Way Branch, the Board finds that such rights of way as shown on these preliminary plans and drawings, including existing public dedicated right of way, are for a public use and are necessary for the construction of said projects.

The rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right of ways plans and drawings for said projects on file in the Right of Way Branch in the Department of Transportation in Raleigh.

The Board finds such right of way acquisition to be necessary and hereby authorizes the Right of Way Branch to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

(Division 2)

Greene County; I.D. No. BD-5102T; Project No. 45348.2.FD20:
Bridge No.8 over Sandy Run on SR 1301

Pitt County; I.D. No. BD-5102Y; Project No. 45348.2.FD25:
Bridge No. 415 over a branch of Swift Creek on SR 1108

(Division 5)

Franklin County; I.D. No. B-5325; Project No. 46039.2.FD1:
Bridge No. 12 over Cedar Creek on SR 1116

Granville County; I.D. No. B-5151; Project No. 42312.2.FD1:
Bridge No. 215 over Little Crassy Creek on SR 1432

Wake County; I.D. No. B-5113; Project No. 42251.2.FD1:
Bridge No. 157 over Smith Creek on SR 1942

(Division 6)

Cumberland County; I.D. No. B-4490; Project No. 33727.2.FS1:
Bridge No. 116 over CSX RR, North South RR and Hillsboro Street on NC 24-210

Preliminary Right of Way Plans (continued)

(Division 7)

Guilford County; I.D. No. B-5119; Project No. 42261.2.FS1:
Bridge No. 349 and Bridge No. 291 over US 29-70-220 on I-40/I-85

Alamance County; I.D. No. B-4953; Project No. 40078.2.FD1:
Bridge No. 64 over Quaker Creek on SR 1912

Rockingham County; I.D. No. B-4803; Project No. 38573.2.FD1:
Bridge No. 97 over Wolf Island Creek on SR 1925

(Division 10)

Mecklenburg County; I.D. No. P-5200EA; Project No. 45361.2.FD6:
Thrift Depot Relocation; Piedmont and Northern Railroad

Mecklenburg County; I.D. No. U-5511; Project No. 45531.2.FR1:
Intersection of NC 51 and Matthews-Mint Hill Road, construct a roundabout

Union County; I.D. No. W-5210F; Project No. 45340.2.FD6:
SR 1001 (Love Mill Road) at SR 1637 (Lawyers Road), SR 1618 (Tom Heims Road) and
SR 1606 (Sikes Mill Road)

Union County; I.D. No. W-5210G; Project No. 45340.2.FR7:
NC 84 and SR 1349 (Airport Road)

(Division 14)

Graham County; I.D. No. BD-5114W; Project No. 45360.2.FR23:
Bridge No. 11 over Longs Creek on NC 143B

Final Right of Way Plans

Right of way acquisition in accordance with the preliminary right of way plans on file in the Right of Way Branch has been determined to be necessary for public use and was authorized by the Board. Certain changes in the right of way have necessitated alteration of the preliminary right of way plans. Final plans have been prepared and provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

The rights of way for the location, design and construction of highways embraced in the following projects shall be as shown in detail on the final plans for said projects as follows:

(Division 2)**Project No. 34528.2.2; Carteret County; I.D. No. R-3307:**

Grading, drainage, paving, signals and structures on US 70 from existing 4 lane at Radio Island to US 70 North of SR 1429 (Olga Road) with the right of way indicated upon the final plans for said project, the same being identified as Addendum 1 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Project No. 38748.2.1; Beaufort County; I.D. No. K-3800:

Grading, drainage, paving and rest area relocation of US 17 rest area with the right of way indicated upon the final plans for said project, the same being identified as Addendum 2 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Project No. 42249.2.1; Pitt County; I.D. No. B-5111:

Grading, drainage, paving and structure on bridge over Briery Creek on SR 1588 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 3 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 3)**Project No. 42304.2.1; Duplin County; I.D. No. B-5143:**

Grading, drainage, paving and structure on Bridge No. 408 over Stewarts Creek on SR 1105 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 4 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Final Right of Way Plans (continued)**(Division 5)****Project No. 38459.2.1; Warren County; I.D. No. B-4666:**

Grading, drainage, paving and structure on Bridge No. 80 over Hawtree Creek on SR 1314 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 5 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 6)**Project No. 38383.2.1; Columbus County; I.D. No. B-4478:**

Grading, drainage, paving and structure on Bridge No. 216 over Welch Creek on SR 1700 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 6 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 7)**Project No. 33680.2.1; Alamance County; I.D. No. B-4400:**

Grading, drainage, paving and structure on Bridge No. 160 over S Prong of Stinking Quarter Creek on SR 1122 (Euliss Road) with the right of way indicated upon the final plans for said project, the same being identified as Addendum 7 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 8)**Project No. 34542.2.5; Richmond County; I.D. No. R-3421C:**

Grading, drainage, paving and structures on I-73/74 from SW of SR 1304 (Harrington Road) to I-73/74 Interchange South of Ellerbee with the right of way indicated upon the final plans for said project, the same being identified as Addendum 8 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Project No. 38504.2.1; Chatham County; I.D. No. B-4731:

Grading, drainage, paving and structure on Bridge No. 129 over Harland's Creek on SR 2159 (Alston Chapel Road) with the right of way indicated upon the final plans for said project, the same being identified as Addendum 9 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 10)**Project No. 38494.2.1; Cabarrus County; I.D. No. B-4720:**

Grading, drainage, paving and structure on Bridge No. 113 over Dutch Buffalo Creek on SR 2610 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 10 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 11)**Project No. 37044.2.1; Alleghany County; I.D. No. R-311:**

Grading, drainage, paving and structures on US 21 from SR 1100 (Oklahoma Road) to SR 1121 (Pine Swamp Road) with the right of way indicated upon the final plans for said project, the same being identified as Addendum 11 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Final Right of Way Plans (continued)

(Division 11 continued)

Project No. 38480.2.1; Ashe County; I.D. No. B-4705:

Grading, drainage and culvert on Bridge No. 69 over Little Helton Creek on SR 1376 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 12 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Project No. 38616.2.1; Wilkes County; I.D. No. B-4846:

Grading, drainage, paving and structure on Bridge No. 5 over Little Hunting Creek on SR 2418 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 13 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Project No. 42299.2.1; Caldwell County; I.D. No. B-5138:

Grading, drainage and culvert on Bridge No. 6 over Little Gunpowder Creek on US 321A with the right of way indicated upon the final plans for said project, the same being identified as Addendum 14 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Project No. 42307.2.1; Wilkes County; I.D. No. B-5146:

Grading, drainage, paving, temp signals and structure on Bridge No. 302 over Middle Fork of Reddies River on SR 1562 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 15 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 12)

Project No. 42223.2.1; Catawba County; I.D. No. B-5101:

Grading, drainage, paving and structure on Bridge No. 83 over Clark Creek on SR 1149 with the right of way indicated upon the final plans for said project, the same being identified as Addendum 16 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

(Division 13/14)

Project No. 46292.2.1; Buncombe/Henderson Counties; I.D. No. I-5501:

Grading, drainage, paving, signals and structures on I-26 and NC 280 interchange in Asheville with the right of way indicated upon the final plans for said project, the same being identified as Addendum 17 of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Revisions of the Final Right of Way Plans

Right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated.

Certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access.

The Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

The right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

(Division 7)

Project No. 34802.2.5; I.D. No. U-2412B; Guilford County:

Final Right of Way plans approved as Addendum 6 to the minutes of the September 6, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on Addendum 18 to the minutes of the February 6, 2014 Board of Transportation Meeting and incorporated herein by reference.

Approval of Conveyance of Highway Right of Way Residues

“It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Branch, that the following highway right of way conveyances are approved:

(Division 7)

**Project 45148.2.1, Parcels W-5325 025, NC 62 from North of SR 1111 (Byrd’s Sawmill Road) to South of SR 1759
Caswell County**

Conveyance of an approximate 0.325-acre residue area to the Southern Caswell Ruritan Club, Inc. as part settlement for a right of way claim, for the appraised value of \$375.00.

(Division 12)

**Project 6.811049 (36109.HF), Parcel 066, US 321 in Gastonia
Gaston County**

Conveyance of an approximate 0.068-acre residue area to Charles Robinson and wife, Sandra H. Robinson, the only interested adjacent owners, for the appraised value of \$900.00.

CONVEYANCE ROW RESIDUE 2 PROJECTS \$1,275.00

Approval of Surplus Highway Right of Way

“It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Branch, that the following highway right of way conveyances are approved:

(Division 7)

**Project 34345.2.7, Parcel R-0609IA 916 and 917, US311 (High Point East Belt) from US 29-70 to I-85 North of Archdale
Guilford County**

Conveyance of an approximate 2.650-acre surplus right of way area to Martha B. Modlin for the appraised value of \$26,500.00.

(Division 14)

**Project 8.1960301 (36109.80.20), Parcel R-54BA 081, US 441 near Soco Creek
Jackson County**

Conveyance of an approximately combined 0.759-acre surplus right of way area to the US Department of Interior, Bureau of Indian Affairs, Cherokee Agency for no consideration.

CONVEYANCE SURPLUS ROW 2 PROJECTS \$26,500.00

R-ITEM SUMMARY 36 PROJECTS TOTAL: \$27,775.00

NCDOT February 2014 Board of Transportation Agenda

**No Items for
Approval of Highway Needs Allocations**

There are no Comprehensive Transportation Plans to be presented for approval at the February 6, 2014 Board of Transportation Meeting.



Division 5 Update

February 6, 2014

Division 5

Employees – 680 Full Time

Road Miles - 6,545

Lane Miles - 14,109

Interstate Lane Miles – 778.9

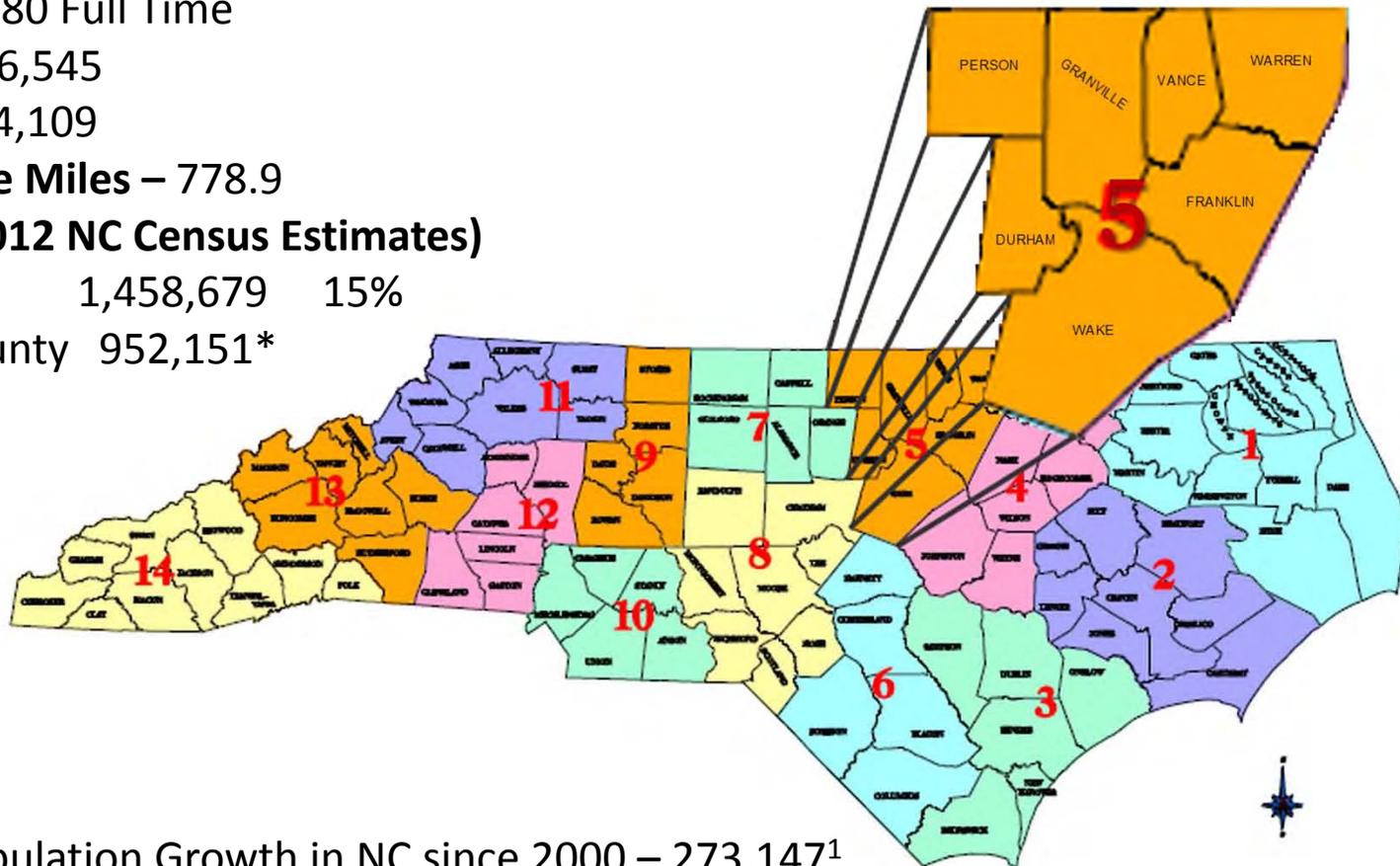
Population (2012 NC Census Estimates)

Division 5 1,458,679 15%

Wake County 952,151*

Bridges - 1017

Signals - 1512

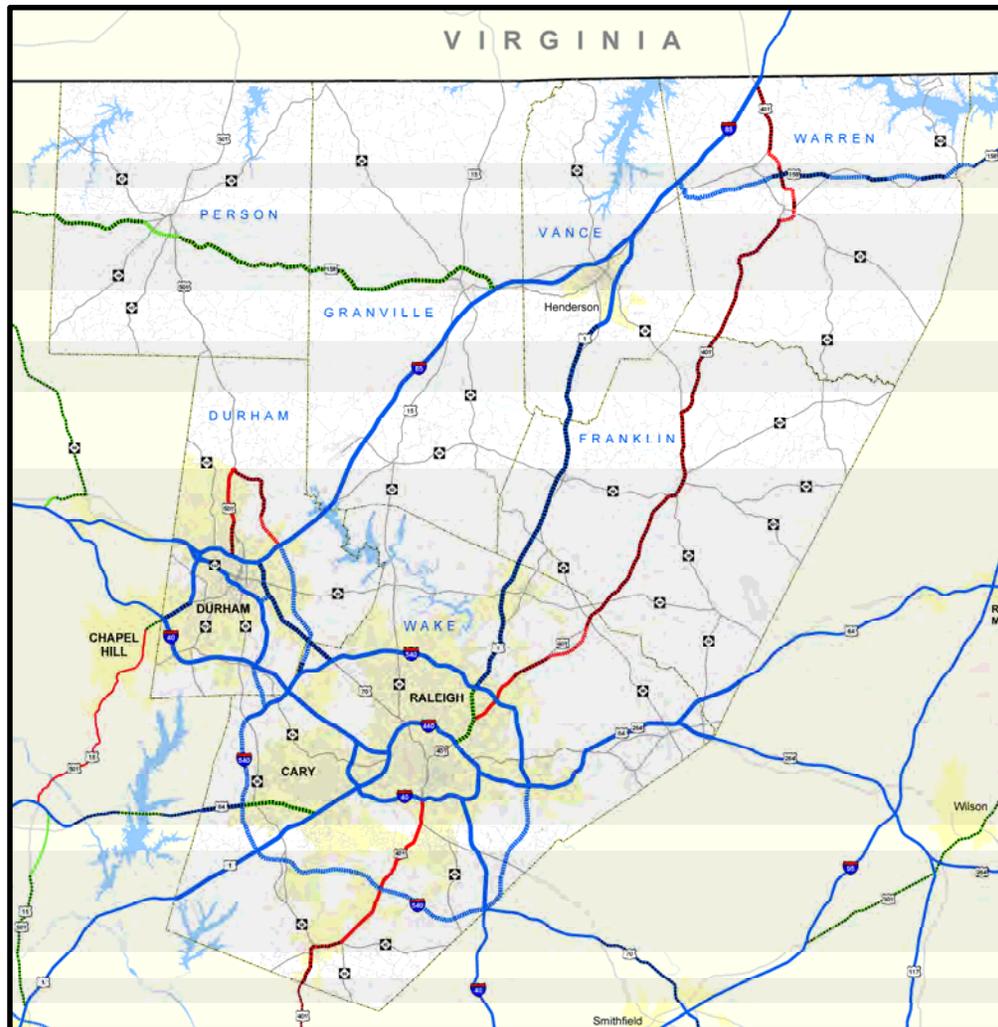


*Largest Population Growth in NC since 2000 – 273,147¹

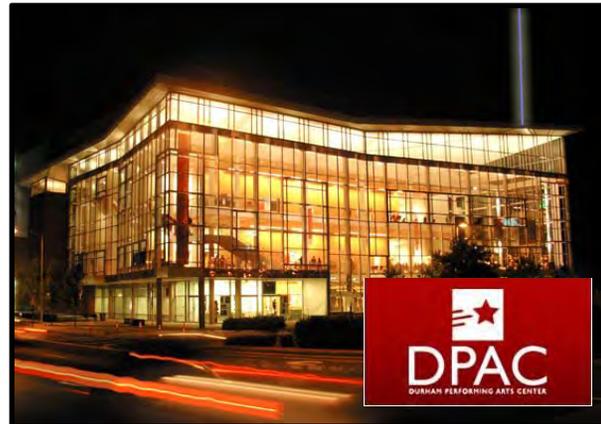
#2 Fastest Growing County in US with population more than 500,000¹

¹(US Census Bureau 2010)

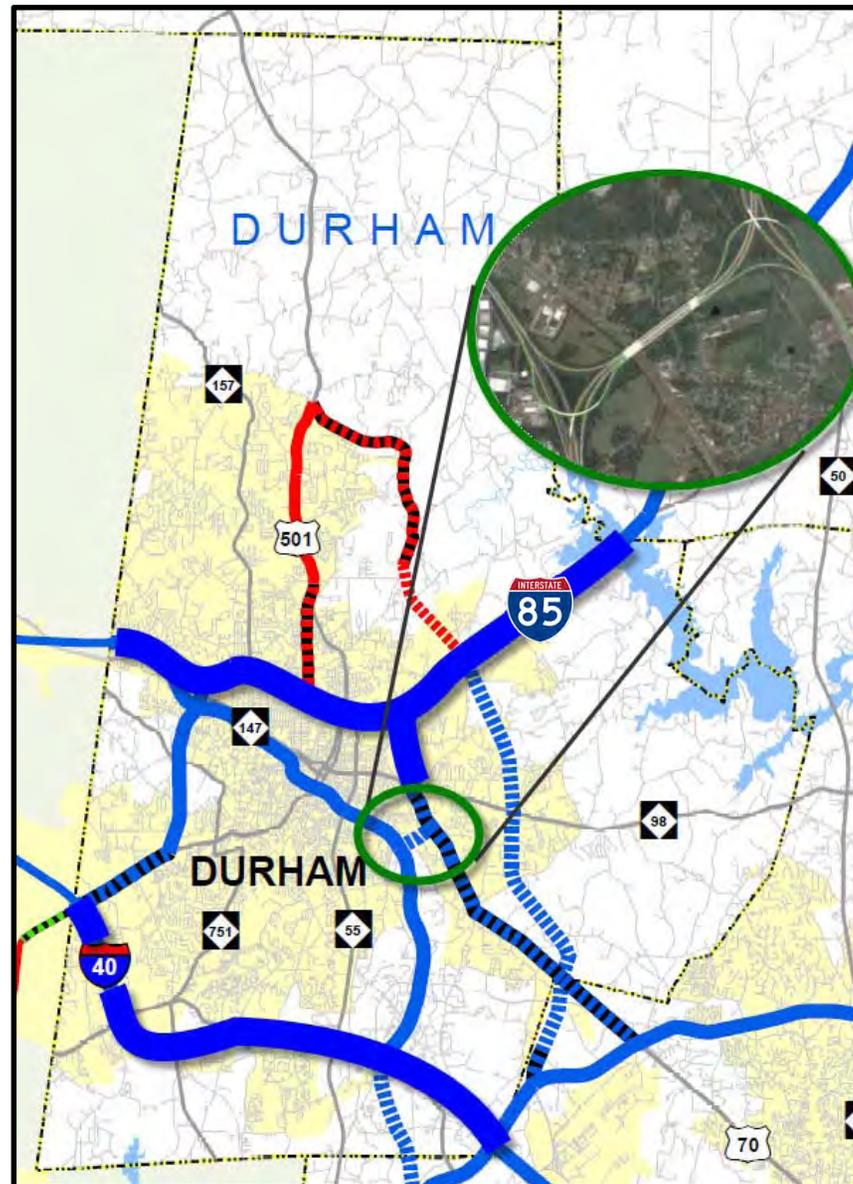
Div 5 – Strategic Highway Corridors



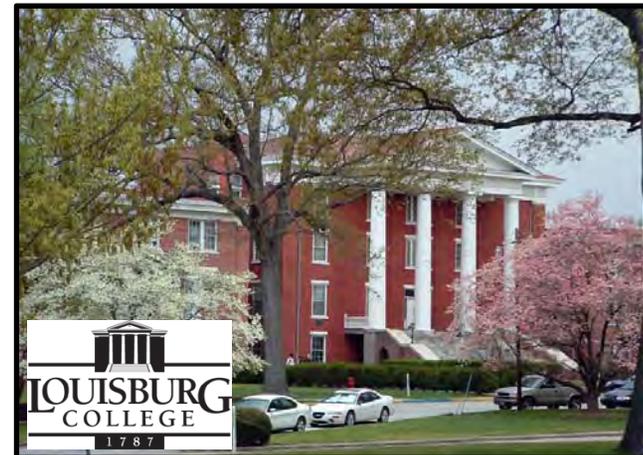
Durham County



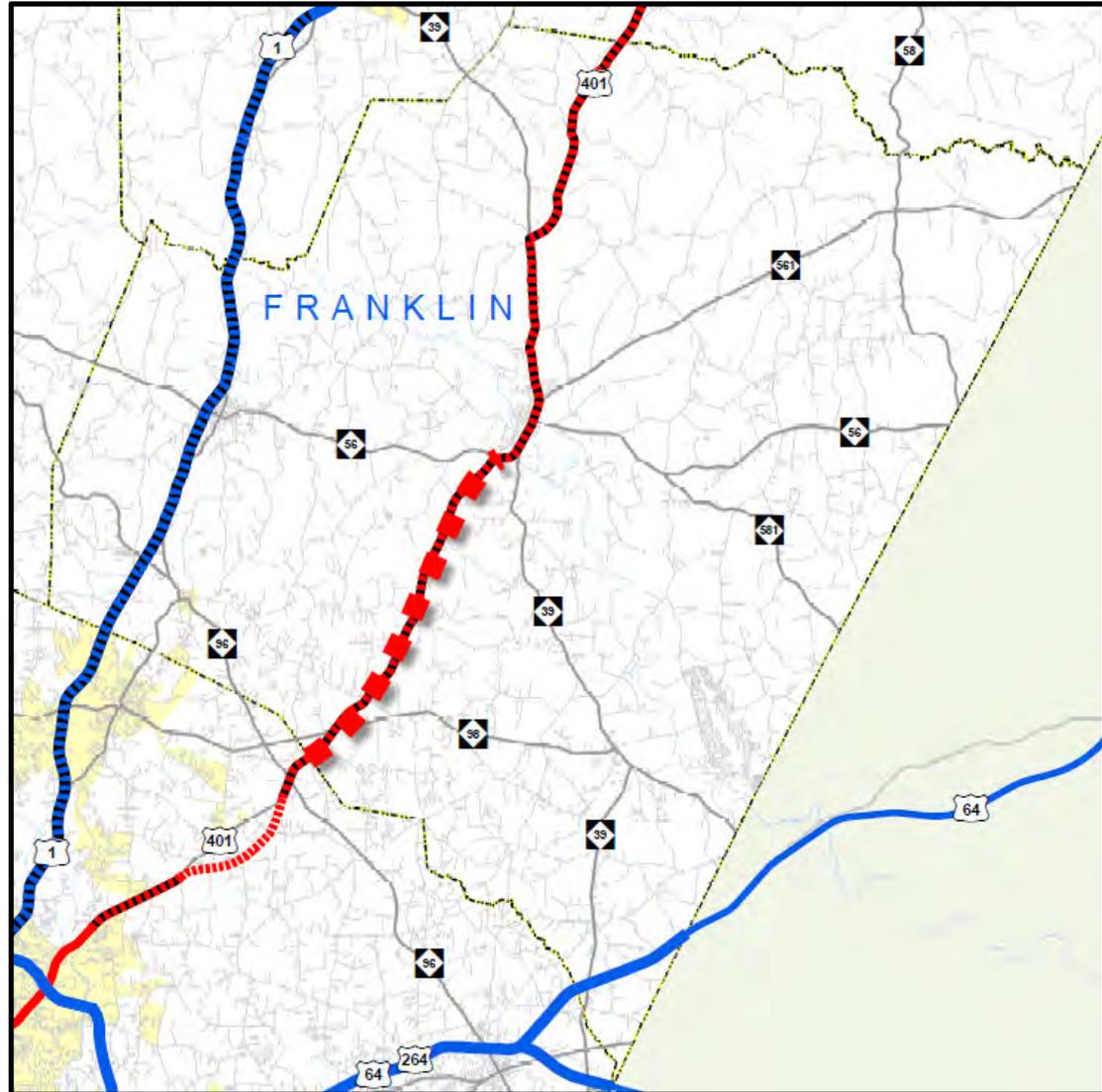
Durham Co



Franklin County



Franklin Co



Granville County



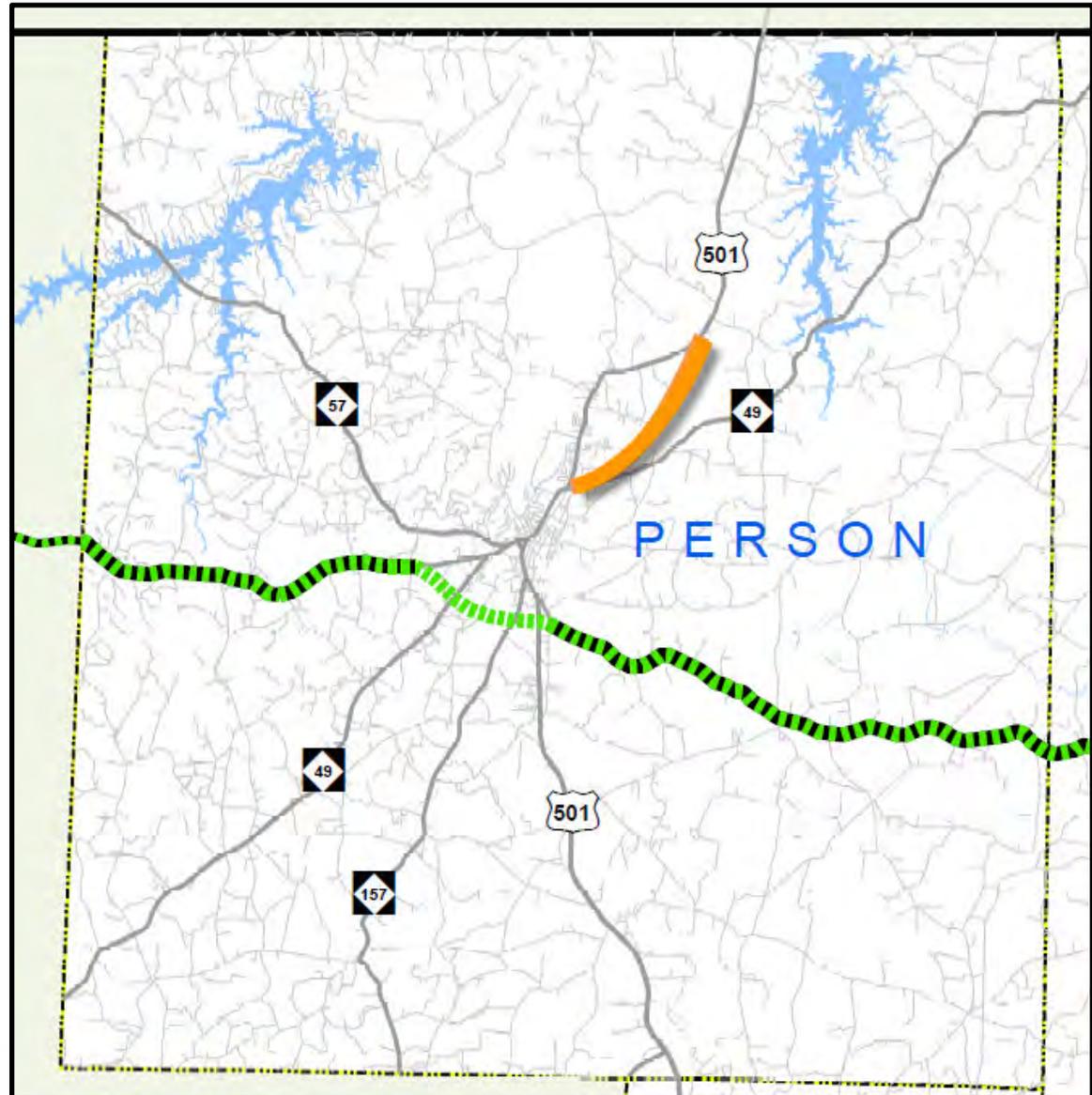
Granville Co



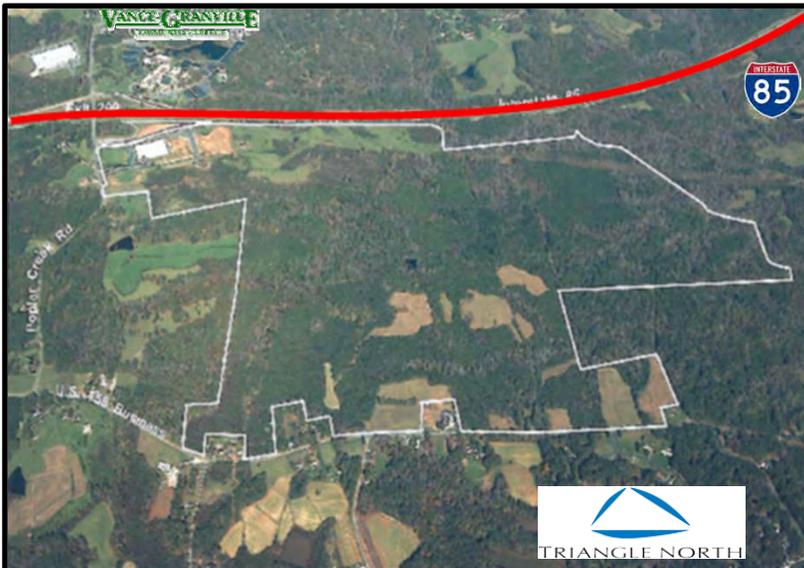
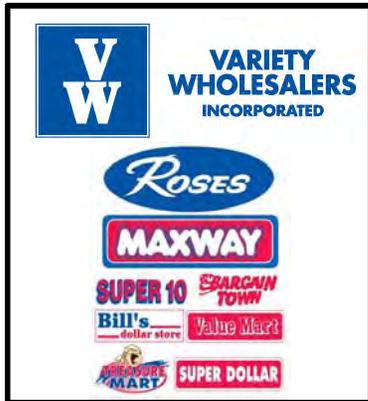
Person County



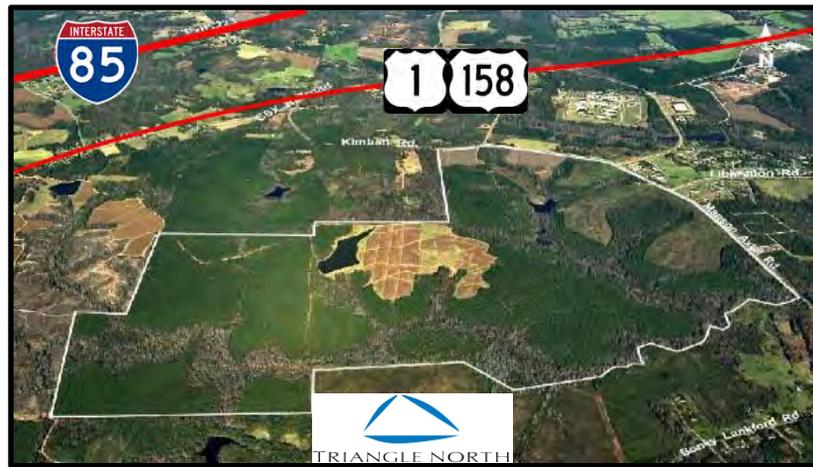
Person Co



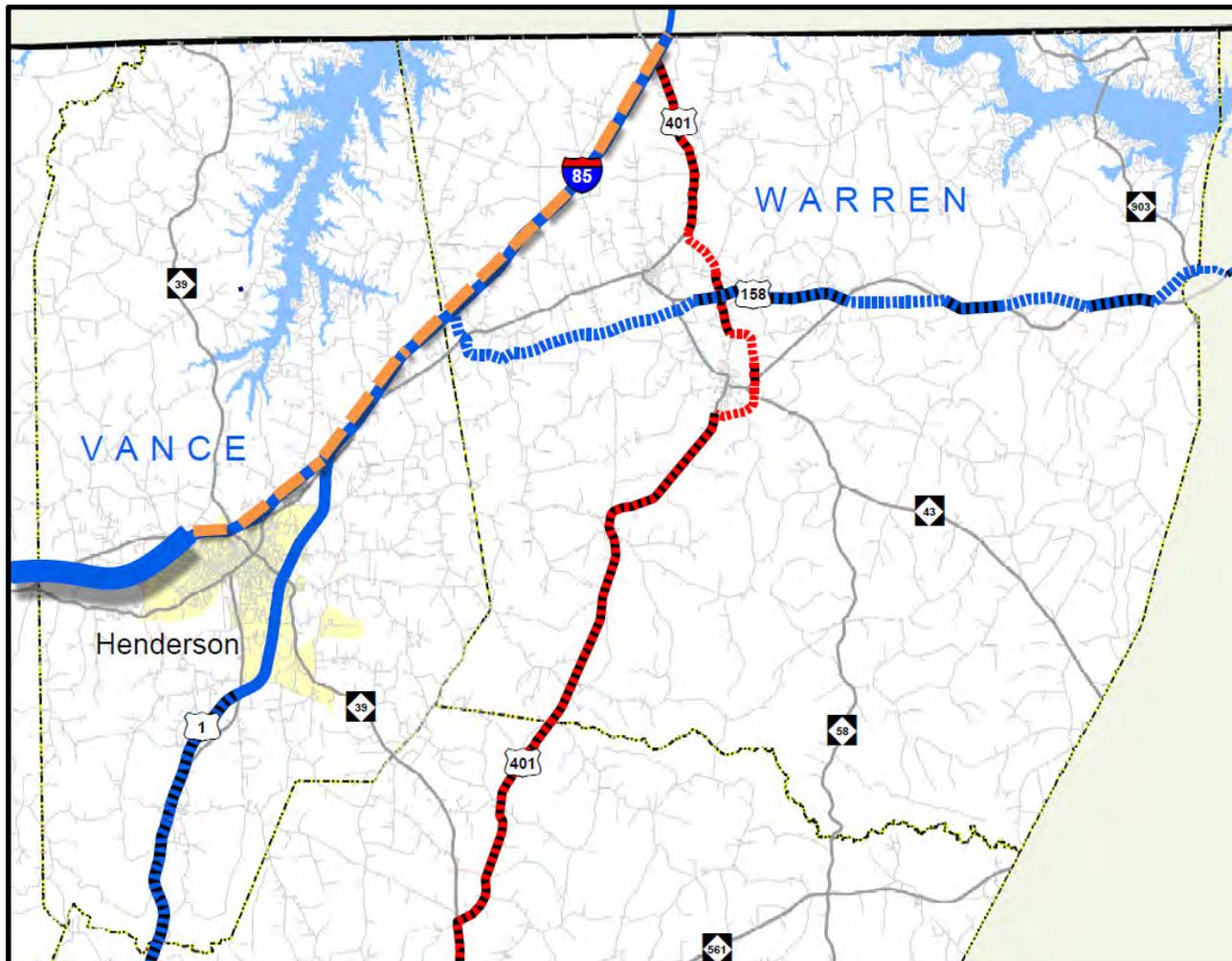
Vance County



Warren County



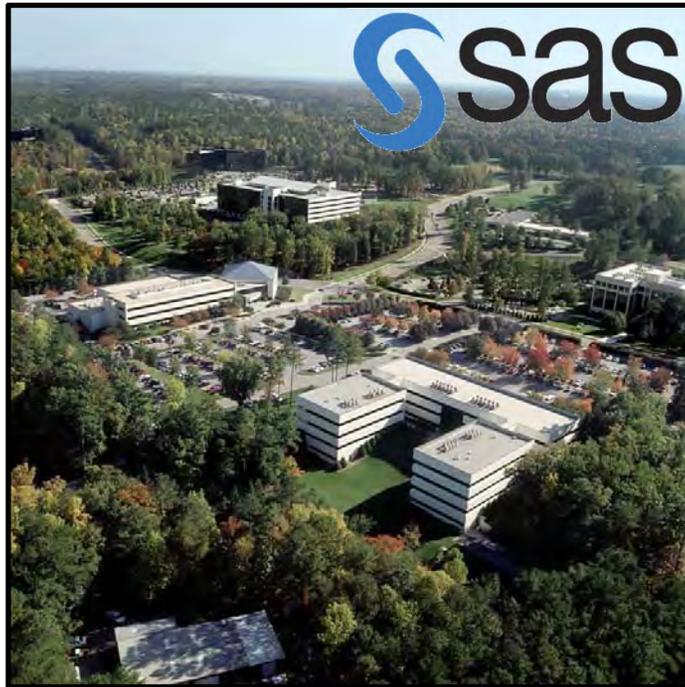
Vance and Warren Co



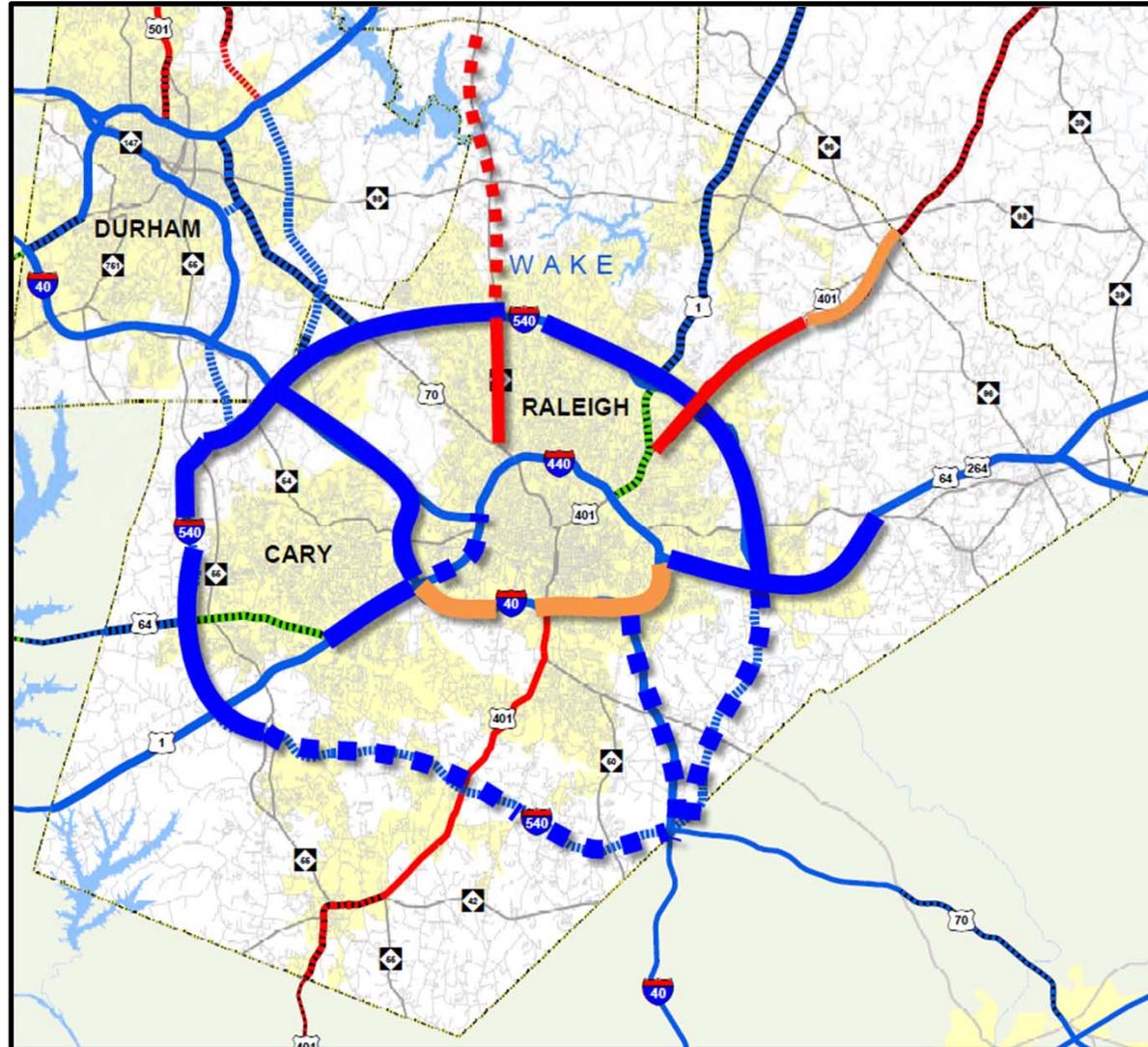
Wake County



Wake County

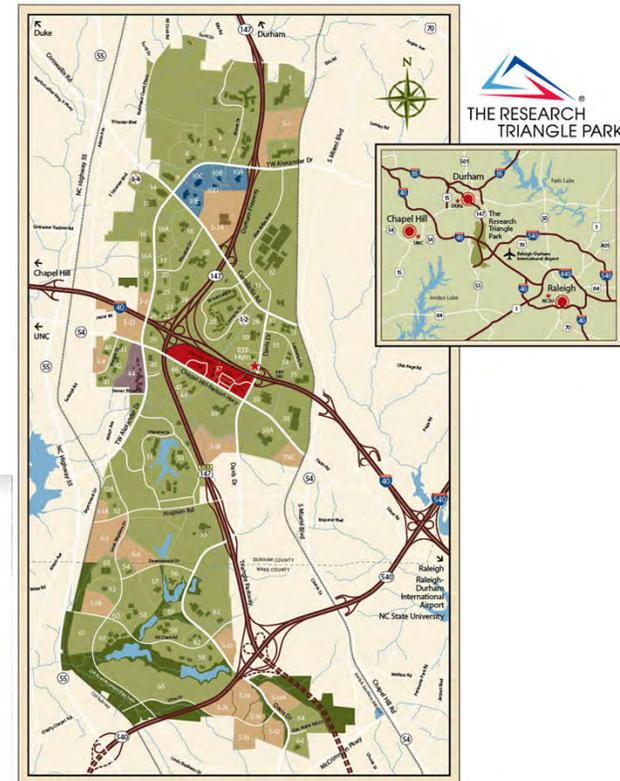


Wake Co



RTP

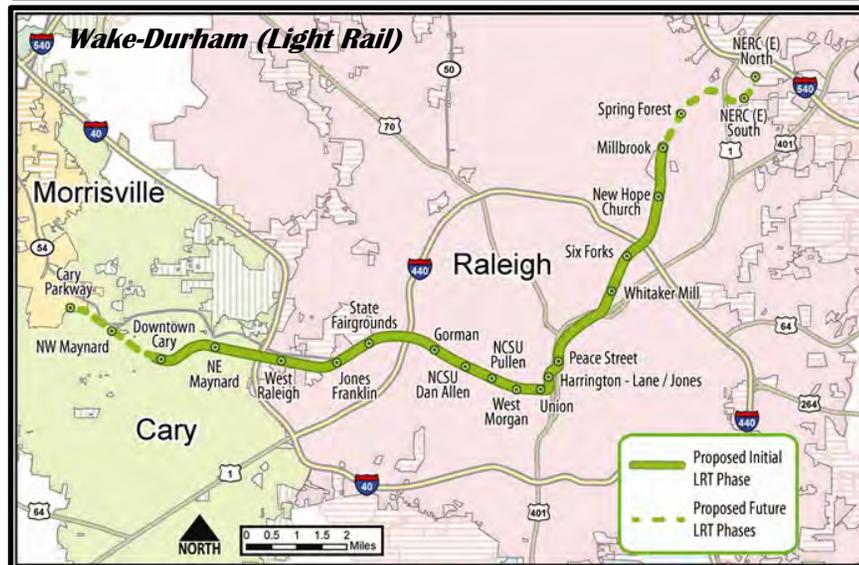
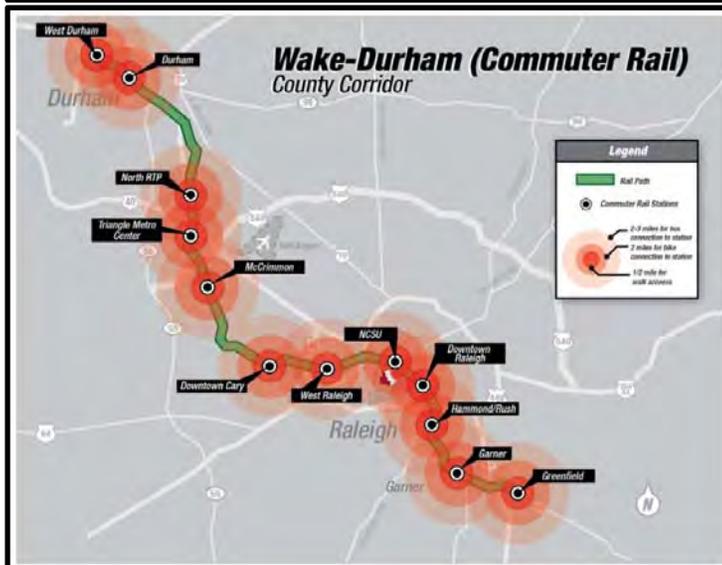
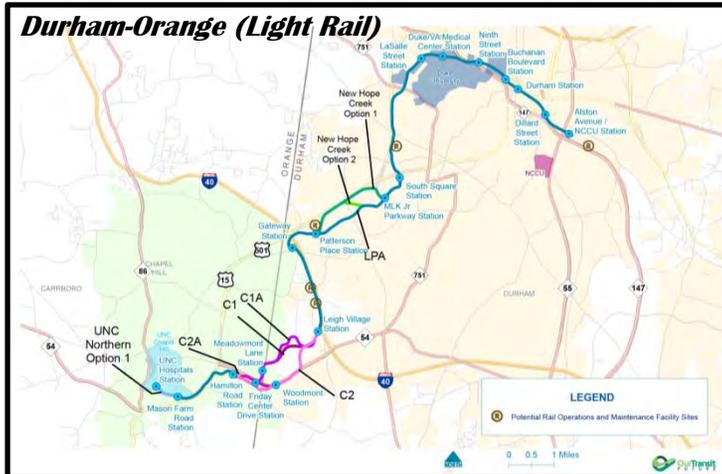
- 7000 acres
- Over 170 Companies
- Over 39,000 jobs



Challenges

- High Growth Forecasted for NC and Metropolitan Regions, Population and Impacts to Infrastructure
- Funding to maintain infrastructure and provide adequate LOS
- Funding to provide expansion/improvements (all modes)
- Vision for Transit and Rail

Rail & Transit





Financial Update

Mark Foster, Chief Financial Officer
February 5, 2014

Financial Update

SFYTD 2014 as compared SFYTD 2013

Dollars in Millions	<u>December 13</u>	<u>December 12</u>	<u>Year to Date</u>		
			<u>December 13</u>	<u>December 12</u>	<u>% Change</u>
Revenue Collections	\$ 350	\$ 337	\$ 2,308	\$ 2,268	1.8%
Expenditures	<u>410</u>	<u>387</u>	<u>2,427</u>	<u>2,439</u>	-0.5%
Net Change	\$ (60)	\$ (50)	\$ (119)	\$ (171)	
	<u>December 13</u>	<u>December 12</u>			
Cash Balances:					
Trust Fund	\$ 763	\$ 505			
Highway Fund*	<u>172</u>	<u>353</u>			
Totals	<u>\$ 935</u>	<u>\$ 858</u>			

*Excludes bond proceeds held by Trustee

Revenue Summary December 2013

(\$ in Millions)

	December 2013	December 2012	Year Over Year				SFY to Budget		
			2013-2014 Actual	2012-2013 Actual	\$	%	Budget to Date	\$	%
State & Federal Receipts:									
Highway Fund *	\$ 161.3	\$ 152.5	\$ 1,005.7	\$ 973.7	\$ 32.0	3%	\$ 980.0	\$ 25.7	3%
Highway Trust Fund *	91.1	83.4	579.4	548.0	31.4	6%	540.9	38.5	7%
Federal Funds/Participation	83.7	72.9	593.8	589.3	4.5	1%	589.3	4.6	1%
Total	\$ 336.1	\$ 308.8	\$ 2,178.9	\$ 2,111.0	\$ 67.9	3%	\$ 2,110.2	\$ 68.8	3%
GARVEE/NCTA/ARRA:									
GARVEE Reimbursement-Trustee	\$ -	\$ 9.2	\$ 40.5	\$ 39.2					
GARVEE Reimbursement-FHWA	-	-	13.4	14.5					
NCTA Bond Proceeds/TIFIA	4.4	8.1	18.3	64.0					
NCTA Toll Revenues	1.4	0.6	8.6	3.1					
Federal Funds - ARRA	8.0	10.5	48.0	35.9					
Total	\$ 13.8	\$ 28.4	\$ 128.8	\$ 156.7					
Total Receipts	\$ 349.9	\$ 337.2	\$ 2,307.7	\$ 2,267.7	\$ 40.0	2%			

* Memo	December 2013	December 2012	Year Over Year				SFY to Budget		
			2013-2014 Actual	2012-2013 Actual	\$	%	Budget to Date	\$	%
Highway Fund & Trust Fund Details									
Motor Fuel Taxes	\$ 159.5	\$ 152.5	\$ 969.6	\$ 956.9	\$ 12.7	1%	\$ 931.1	\$ 38.5	4%
Highway Use Tax	44.0	38.8	288.6	263.3	25.3	10%	261.2	27.4	10%
DMV/Other Revenue	48.5	44.2	324.9	299.5	25.4	8%	328.6	(3.7)	-1%
Investment Income	0.4	0.4	2.0	2.0	-	0%	2.4	(0.4)	-17%
Total	\$ 252.4	\$ 235.9	\$ 1,585.1	\$ 1,521.7	\$ 63.4	4%	\$ 1,523.3	\$ 61.8	4%

Expenditure Summary December 2013

(\$ in millions)

	December 2013	December 2012	Year Over Year				SFY to Budget		
			2013-2014 Actual	2012-2013 Actual	\$	%	2013-2014 Budget	\$	%
State & Federal Funded Programs:									
Construction *	\$ 191.5	\$ 190.0	\$ 1,082.4	\$ 1,045.8	\$ 36.6	3%	\$ 1,003.3	\$ 79.1	8%
Maintenance	69.3	65.9	660.4	609.0	51.4	8%	600.4	60.0	10%
Public Transportation	2.5	3.8	58.9	35.3	23.6	67%	42.3	16.6	39%
Other Modal/Other Programs	16.2	9.0	75.4	59.3	16.1	27%	55.4	20.0	36%
Administration	20.6	16.7	107.1	114.0	(6.9)	-6%	144.0	(36.9)	-26%
Municipal Aid	72.8	71.4	145.6	142.8	2.8	NA	145.6	-	NA
Transfers to Other Agencies	1.9	1.9	123.4	138.1	(14.7)	NA	124.2	(0.8)	NA
Totals	\$ 374.9	\$ 358.7	\$ 2,253.1	\$ 2,144.3	\$ 108.8	5%	\$ 2,115.0	\$ 138.1	7%
GARVEE/NCTA/Special Initiatives:									
NCTA Construction	14.2	11.3	24.9	77.4					
NCTA Financing Costs	-	-	47.7	51.5					
GARVEE Bond Expenditures	-	1.6	10.2	91.7					
Debt Service (GO & GARVEE)	0.9	-	21.4	21.6					
Ecosystem Enhancement Project	9.8	6.5	15.2	10.5					
FEMA	3.7	-	8.5	0.6					
ARRA- Rail	6.9	2.4	40.0	13.0					
ARRA - Highway Infrastructure/Public Transit	0.0	6.0	6.4	26.7					
SB 1005 Pavement/Public Transportation	0.0	-	-	0.3					
Moving Ahead	(0.2)	-	(0.2)	1.0					
Totals	\$ 35.3	\$ 27.8	\$ 174.2	\$ 294.3					
Total Expenditures	\$ 410.2	\$ 386.5	\$ 2,427.3	\$ 2,438.6	\$ (11.3)	0%			

* See GARVEE bond expenditures below.

Year to Date Operations

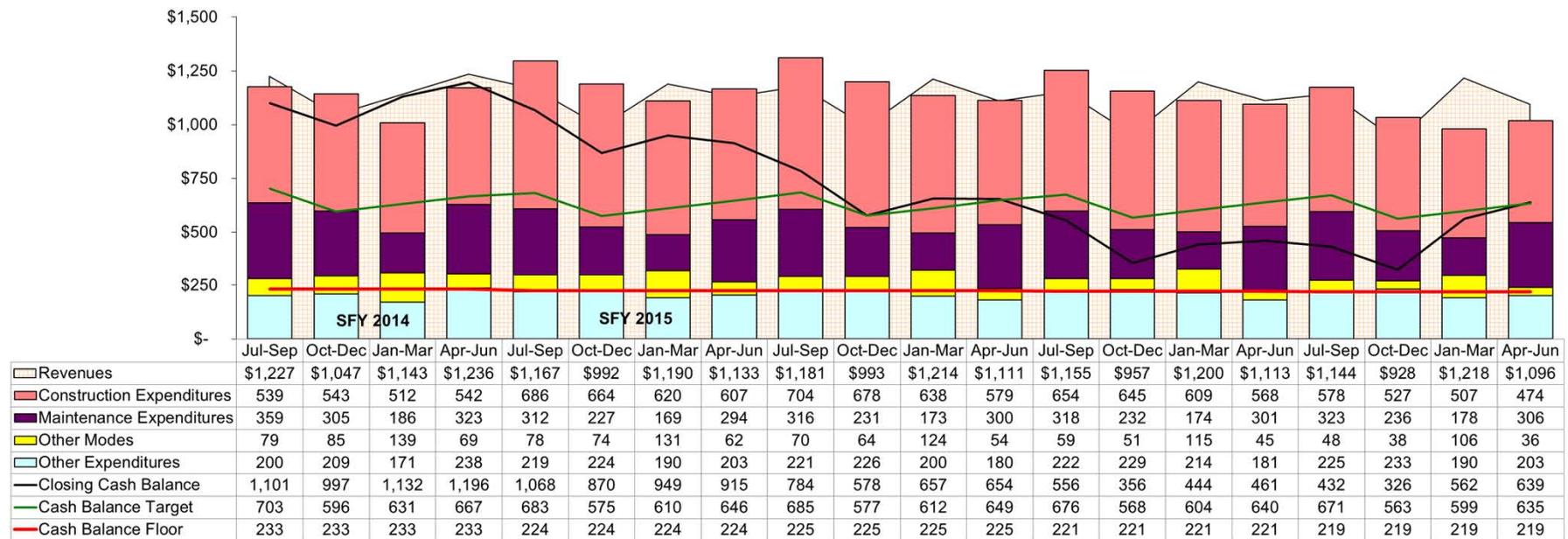
Change in Cash YTD as of December 31, 2013

Operating Cash Inflows	\$ <u>2,308</u>
State & Federal Funded Programs	\$ 2,253
GARVEE/NCTA/Special Initiatives	<u>174</u>
Operating Cash Outflows	\$ <u>2,427</u>
 Net Change on Operating Cash	 \$ <u><u>(119)</u></u>

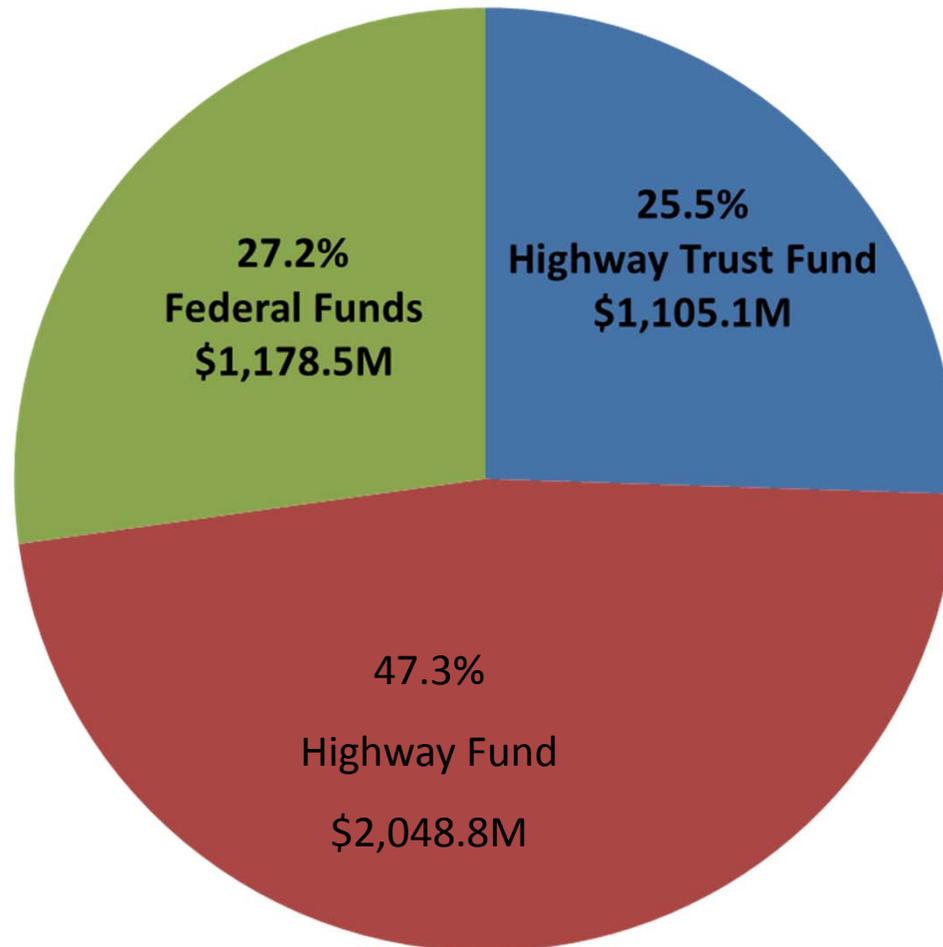
(\$ in Millions)

60 Month Cash Model

Projections as of December 2013



NCDOT Sources of Funds 2013-14 by Major Funding Source Total Funding = \$4.3 Billion

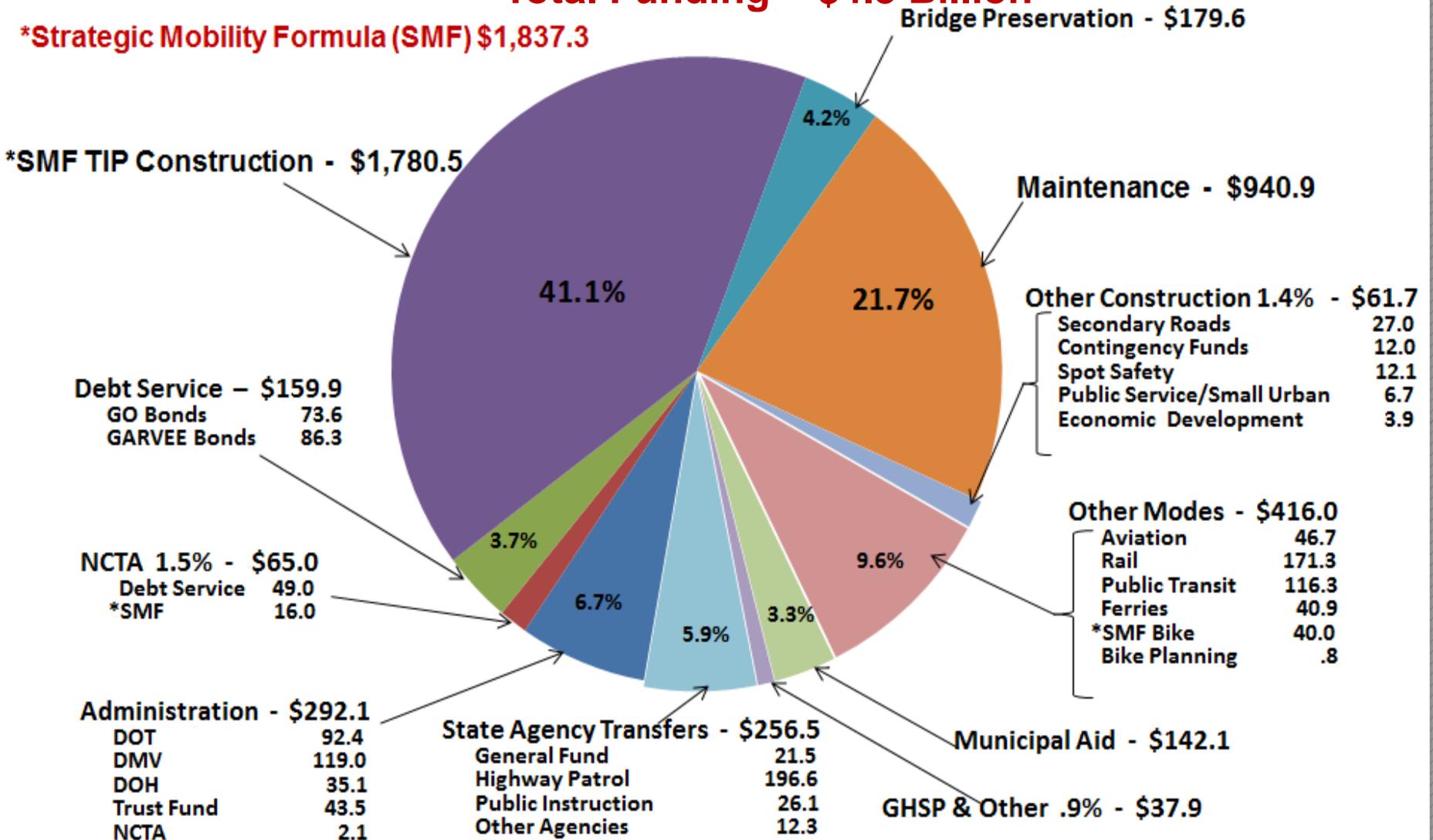


(Excludes Receipt Supported Funding of \$0.1B)

Uses of 2013-14 NCDOT Appropriations Total Funding = \$4.3 Billion

***Strategic Mobility Formula (SMF) \$1,837.3**

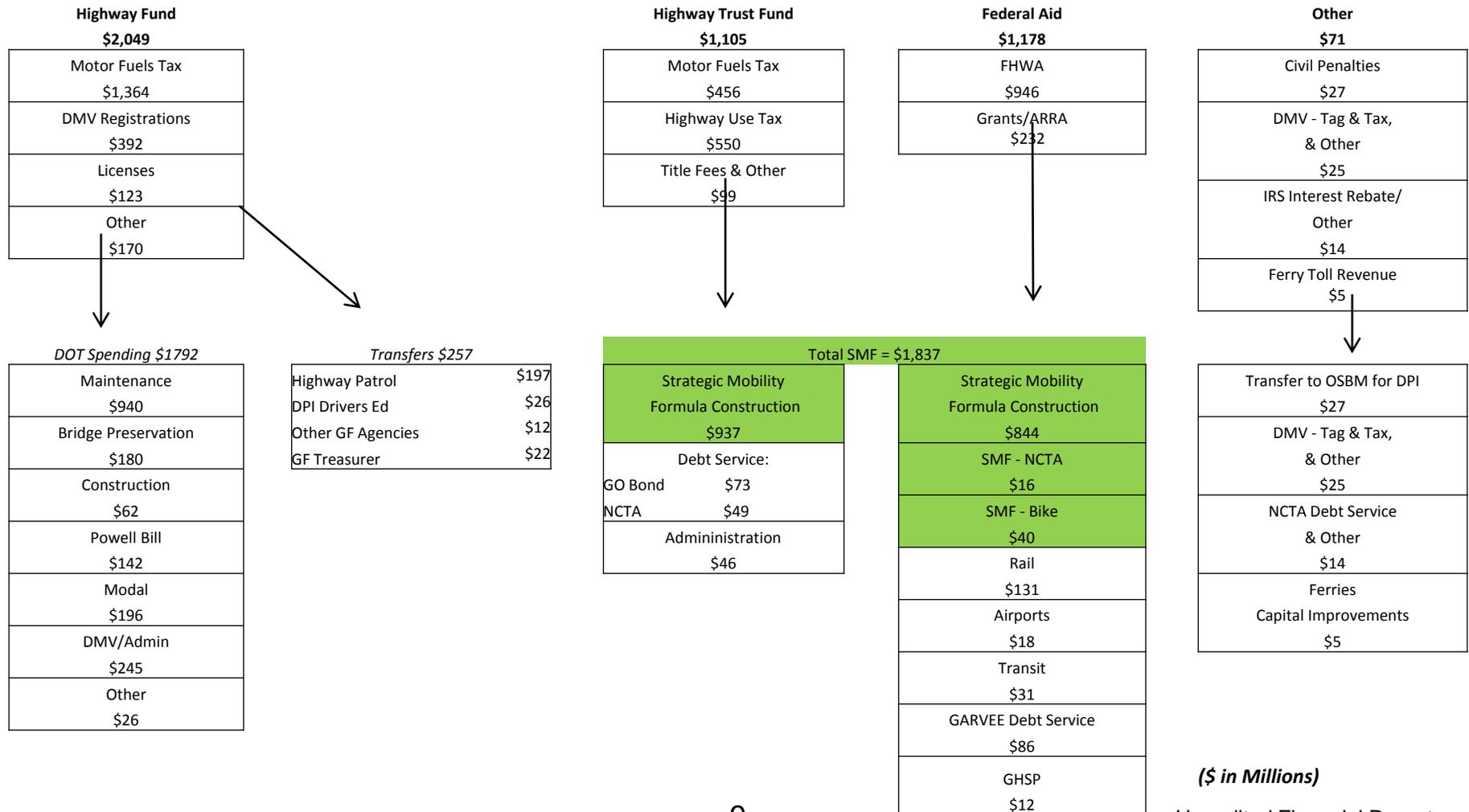
***SMF TIP Construction - \$1,780.5**



(Excludes Receipt Supported Funding of \$0.1B)

2013-14 NCDOT Sources and Uses

Total Funding = \$4.4 Billion



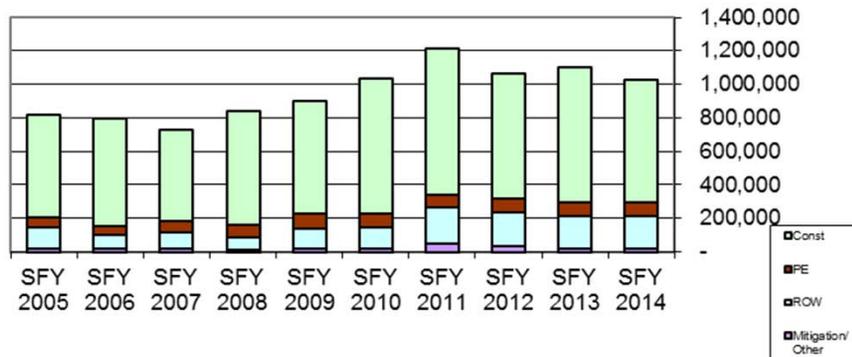
(\$ in Millions)

Unaudited Financial Report

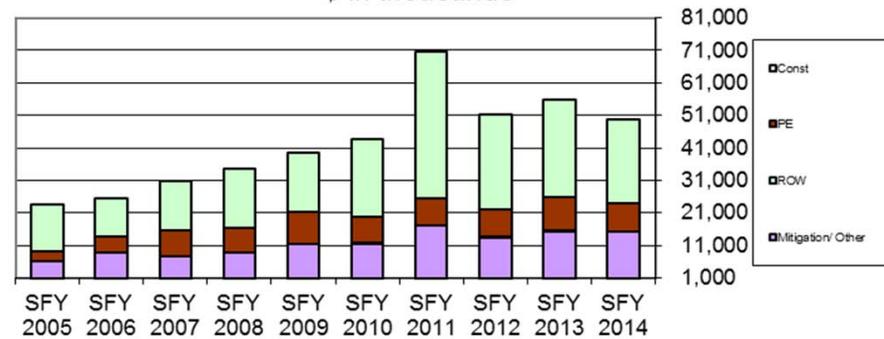
Total YTD - December TIP	PE		ROW		Const		Mitigation/ Other		Totals	
	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year
SFY 2014	85,573	4%	196,034	0%	731,172	-9%	16,137	-12%	1,028,916	-7%
SFY 2013	82,566	6%	196,490	-5%	803,222	7%	18,375	-40%	1,100,652	3%
SFY 2012	78,171	0%	206,681	-6%	750,852	-14%	30,420	-33%	1,066,124	-12%
SFY 2011	77,944	-2%	219,182	68%	871,036	8%	45,490	144%	1,213,651	17%
SFY 2010	79,395	-11%	130,484	5%	805,903	21%	18,674	21%	1,034,456	15%
SFY 2009	89,683	25%	124,682	65%	667,131	-2%	15,477	22%	896,974	7%
SFY 2008	71,536	2%	75,466	-23%	678,684	24%	12,730	-23%	838,417	15%
SFY 2007	69,931	21%	97,945	23%	546,430	-14%	16,468	-10%	730,774	-8%
SFY 2006	57,795	-5%	79,693	-35%	636,390	3%	18,216	-14%	792,095	-3%
SFY 2005	61,039		121,883		616,745		21,074		820,741	

Total YTD - December Statewide TIP	PE		ROW		Const		Mitigation/ Other		Totals	
	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP
SFY 2014	9,011	11%	12	0%	25,798	4%	15,082	93%	49,904	
SFY 2013	10,176	12%	379	0%	30,148	4%	15,214	83%	55,917	5%
SFY 2012	8,645	11%	119	0%	28,980	4%	13,458	44%	51,203	5%
SFY 2011	8,361	11%	81	0%	44,940	5%	17,100	38%	70,482	6%
SFY 2010	8,234	10%	314	0%	23,907	3%	11,371	61%	43,825	4%
SFY 2009	9,886	11%	2	0%	18,115	3%	11,486	74%	39,488	4%
SFY 2008	7,746	11%	9	0%	18,273	3%	8,712	68%	34,741	4%
SFY 2007	7,965	11%	24	0%	14,939	3%	7,721	47%	30,649	4%
SFY 2006	4,845	8%	-	0%	11,696	2%	8,806	48%	25,347	3%
SFY 2005	3,082	5%	-	0%	14,395	2%	5,995	28%	23,472	3%

TIP Construction December
\$ in thousands



SW TIP Construction December
\$ in thousands



Expenditures for TIP Projects

SFY2014, SFY2013 (Expenditures below include ARRA)

SFY 2014	PE	ROW	Const	Other	Monthly	
Jul-13	13,401,678	27,140,024	121,309,416	2,595,172	164,446,290	8%
Aug-13	14,237,793	34,645,879	107,955,853	3,073,680	159,913,206	8%
Sep-13	14,510,615	23,753,821	120,268,408	2,858,105	161,390,950	8%
Oct-13	17,272,249	36,998,241	137,871,597	2,969,591	195,111,678	10%
Nov-13	13,802,416	43,831,810	113,806,025	2,001,960	173,442,211	9%
Dec-13	12,348,681	29,664,012	129,960,663	2,638,495	174,611,851	9%
Jan-14						0%
Feb-14						0%
Mar-14						0%
Apr-14						0%
May-14						0%
Jun-14						0%

85,573,432 **196,033,788** **731,171,963** **16,137,003** **1,028,916,185**
8.3% **19.1%** **71.1%** **1.6%**

SFY 2013	PE	ROW	Const	Other	Monthly	
Jul-12	11,592,519	31,824,724	139,909,943	6,892,142	190,219,328	10%
Aug-12	16,825,134	31,006,747	126,602,094	447,199	174,881,174	9%
Sep-12	13,111,788	30,259,675	139,876,324	3,280,481	186,528,268	9%
Oct-12	15,796,659	33,233,433	140,593,478	2,822,950	192,446,520	10%
Nov-12	15,992,770	29,054,902	132,117,200	3,423,153	180,588,025	9%
Dec-12	9,247,600	41,110,168	124,122,476	1,508,669	175,988,914	9%
Jan-13	16,794,355	21,097,770	103,715,835	3,181,059	144,789,018	7%
Feb-13	14,699,876	21,043,903	95,999,735	2,166,468	133,909,982	7%
Mar-13	14,550,761	26,518,787	80,033,526	3,242,518	124,345,592	6%
Apr-13	14,943,845	20,074,675	95,203,167	3,067,587	133,289,274	7%
May-13	16,394,117	30,408,128	124,765,370	4,262,259	175,829,873	9%
Jun-13	21,425,263	35,230,572	108,346,368	5,331,140	170,333,343	9%

181,374,686 **350,863,484** **1,411,285,515** **39,625,626** **1,983,149,310**
9.1% **17.7%** **71.2%** **2.0%**

Right of Way & Preliminary Engineering Expenditures

SFY 2014 Period Ending December 2013

	1st Quarter SFY	2nd Quarter SFY	3rd Quarter SFY	4th Quarter SFY	SFY Totals	SFY Target	% of Target
Right of Way:							
TIP Projects (excluding GV)	\$ 75.4	\$ 103.3			\$ 178.7	\$ 250.0	71%
Garvee Projects (GV)	10.1	7.2			17.3	102.3	17%
Total TIP Projects	\$ 85.5	\$ 110.5	\$ -	\$ -	\$ 196.0	\$ 352.3	
Preliminary Engineering:							
TIP Projects (excluding TA)	\$ 41.1	\$ 41.8			\$ 82.9	\$ 165.0	50%
Toll Authority (TA) Projects	1.1	1.6			2.7	9.7	28%
Total TIP Projects	\$ 42.2	\$ 43.4	\$ -	\$ -	\$ 85.6	\$ 174.7	

MEMO: State Fiscal YTD Totals Exclude Specific Allocations

(\$ in Millions)

FFY 2013 Federal Rail Scorecard

As of December 31, 2013

ARRA Rail Grant Awards (Inception to Date)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation SE High Speed Rail Corridor	\$ 520,000,000	\$ 519,676,387	\$ 107,381,894	\$ 102,069,230	\$ 5,312,664	
PE/NEPA - Richmond, Va to NCDOT Intercity Passenger Rail Congestion Mitigation	\$ 4,000,000	\$ 4,000,000	\$ 3,408,454	\$ 3,348,167	\$ 60,287	\$ -
	\$ 26,560,839	\$ 26,560,839	\$ 162,751	\$ 65,121	\$ 97,630	\$ -
TOTAL ARRA	\$ 550,560,839	\$ 550,237,226	\$ 110,953,099	\$ 105,482,518	\$ 5,470,581	\$ 2,664,352

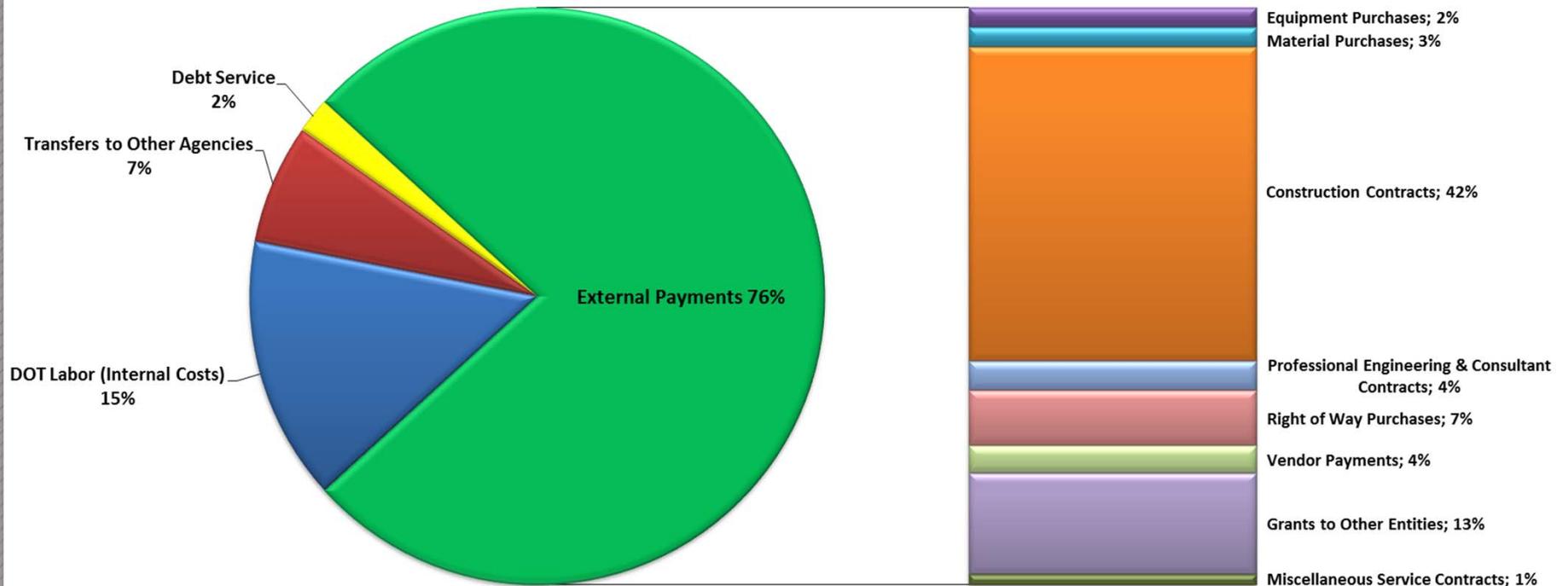
FEDERAL Rail Grant Awards (NON-ARRA)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 26,328,596	\$ 4,348,445	\$ 3,253,804	\$ 3,111,413	\$ 142,391	\$ (2,138,539)

*The large credit in exceptions is due to a refund check applied to a WBS

NCDOT Expenditures

SFYTD as of December 31, 2013





**Public Hearing - Ferry Tolling Methodology
Currituck - Knotts Island**

February 4, 2014

Ferry System Overview

Operational Funding

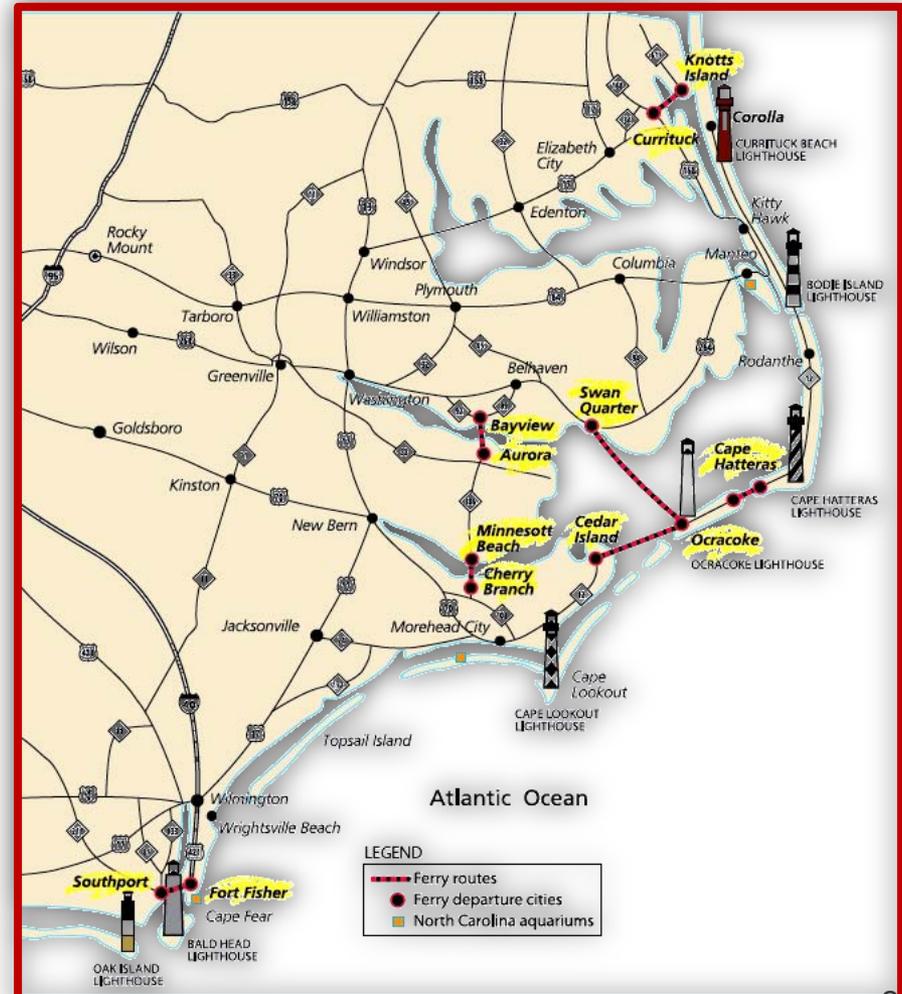
- FY2014 - \$40.9M
- Currituck Route – \$3.8M
 - Labor
 - Fuel
 - Boat maintenance

Usage

- 1.9M passengers
- 835,000 cars

2nd Largest System in US

- Seven routes
- 22 Ferry boats



Need to Determine Funding Source for Ferry Boat Replacement

Legislative Changes

- Federal
 - Eliminates Discretionary Funding Program for new ferry boats
 - Previously received 80% of new ferry boat cost
- State
 - Requires new ferry boats be funded from revenue generated by Ferry Division
 - Allows Transportation Planning Organization to participate in process

State Legislative Changes

Receipt Generating Authority:

- Tolls
- Advertising
- Naming Rights
- Concessions



Receipts must be:

- Used for new ferry boat, dredge and tug boat
- Deposited into dedicated accounts by route

Tolling Revenue can supplement Division Funds to replace ferry boats

- Funds deposited into dedicated DOT account by ferry route

State Legislative Changes

General

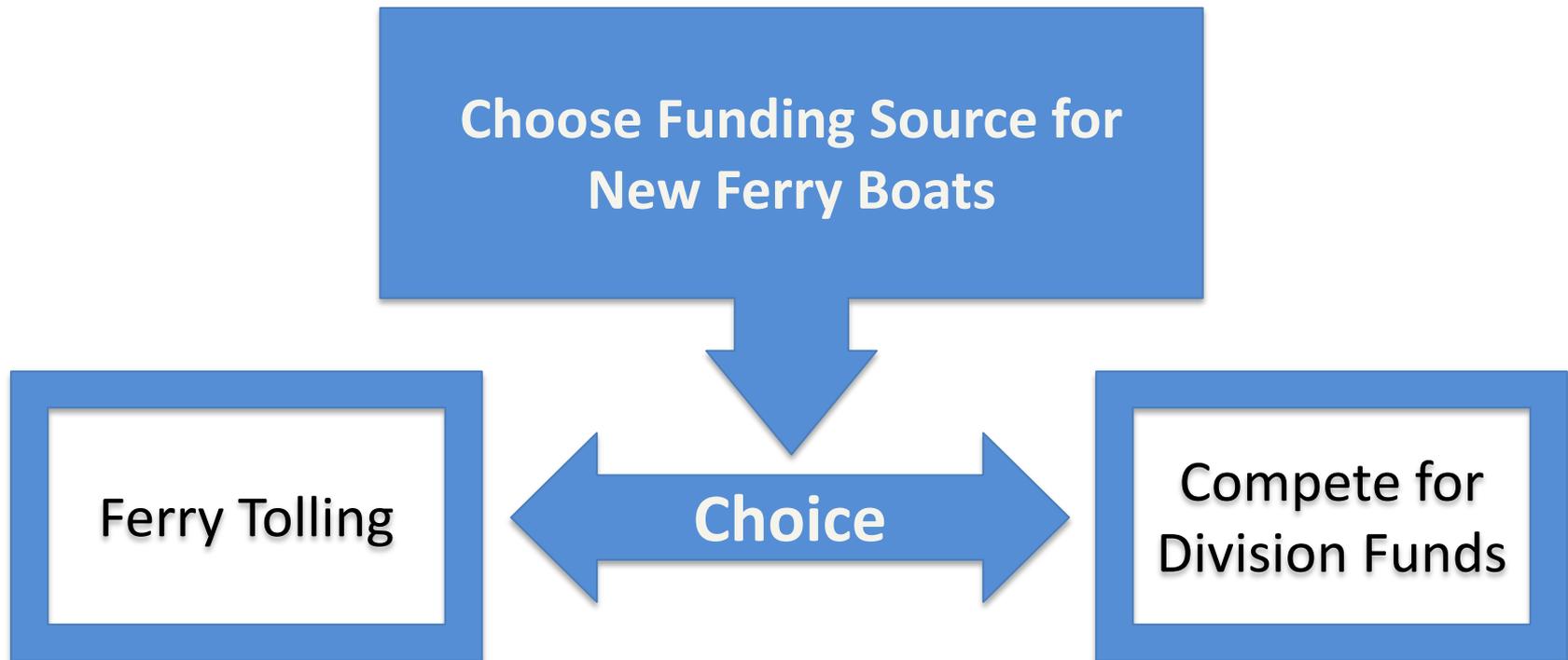
- New way to fund and prioritize transportation projects
- Utilizes existing resources more efficiently and effectively
- Transportation Planning Organizations are stakeholders in project selection

Ferry Boats

- Requires all new ferry boats to compete in competitive selection process with other transportation projects
- Transportation Planning Organizations
 - Stakeholder in project scoring
 - Choose funding source – Adjust tolling or compete in Division Funds

Transportation Planning Organization

**TOLLED and Un-TOLLED
Routes**



20-year Boat Replacement Plan

Vessel	New Boat Replacement
Tugs	3
Barges	3
Dredge	0
Syncro-Lift	0
River Class Ferry	9
Number of Vessels	15
Estimated Total 20-year Cost	Approximately \$120M
Average Cost Per Year	Approximately \$6M per year

Tolling Model - Individual



	Cherry Branch Minnescott		Bayview - Aurora Currituck - Knots Island Ocracoke - Hatteras		Southport- Fort Fisher		Ocracoke-Swan Quarter Ocracoke-Cedar Island	
Class Fare	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	Current
Pedestrian	\$0.50	\$0	\$1	\$0	\$1	\$1	\$5	\$1
Bicycle	\$1	\$0	\$2	\$0	\$2	\$2	\$10	\$3
Motorcycle	\$1.50	\$0	\$3	\$0	\$3	\$3	\$15	\$10
Under 20 ft.	\$3	\$0	\$7	\$0	\$7	\$5	\$25	\$15
20 ft. - 40 ft.	\$6	\$0	\$14	\$0	\$14	\$10	\$50	\$30
Over 40 ft.	\$12	\$0	\$28	\$0	\$28	\$15	\$65	\$45

Tolling Model - Annual Pass by Route

	Cherry Branch- Minesott Beach	Bayview- Aurora	Currituck- Knots Island	Southport- Fort Fisher	Hatteras - Ocracoke	Ocracoke- Swan Quarter Ocracoke- Cedar Island Ocracoke South Dock – Hatteras 3-in-1GoPASS
Class Fare	Proposed	Proposed	Proposed	Proposed	Proposed	Proposed
Pedestrian	\$20	\$40	\$40	\$40	\$40	\$75
Bicycle	\$40	\$75	\$75	\$75	\$75	\$100
Motorcycle	\$40	\$75	\$75	\$75	\$75	\$100
Under 20 ft.	\$75	\$150	\$150	\$150	\$150	\$200
20 ft. - 40 ft.	\$100	\$175	\$175	\$175	\$175	\$225
Over 40 ft.	\$125	\$225	\$225	\$225	\$225	\$300



Tolling Model—System Wide Annual Pass

System Wide	
Class Fare	Proposed
Pedestrian	\$75
Bicycle	\$150
Motorcycle	\$150
Under 20 feet	\$300
20 feet - 40 feet	\$350
Over 40 feet	\$400

Estimated Revenue by Route and Division

Route	Total Revenue	Transportation Planning Organization	Division
Currituck	\$85,000	Albemarle RPO	1
Hatteras	\$1,700,000	Albemarle RPO	1
Swan Quarter	\$600,000	Albemarle RPO	1
Cedar Island @28%	\$425,000	Albemarle RPO	1
Cedar Island @72%	\$1,000,000	Down East RPO	2
Cherry Branch	\$300,000	Down East RPO	2
Bayview	\$160,000	Mid-East RPO	2
Southport	\$870,000	Wilmington MPO/Cape Fear RPO	3

Division	Total Revenue
1	\$2.8M
2	\$1.46M
3	\$870K
Total	\$5.1M

Division 1 Funding

Estimated Division
Funds - \$32M
Annually

Sample Projects that Ferry Boats will Compete Against

County/Mode	Facility	Description	Total Costs
Chowan / Highway	New Route	From Albania Street to Virginia Street	\$6.7 Million
Camden Currituck / Highway	SR 1227 (Swamp Rd)	Widen to 24' from NC 168 to NC 343	\$12.2 Million
Dare / Highway	SR 1208 (W. Kitty Hawk Rd)	Widen Pavement from Bob Perry Road to Ivy Lane	\$2.7 Million
Dare / Highway	SR 1217 (Colington Rd)	Safety Improvements from US 158 to End	\$4.5 Million
Martin / Highway	SR 1142 (Prison Camp Rd)	From NC 903 to SR 1182 (Upgrade Facility)	\$14.6 Million
Pasquotank /	SR 1309 (Main St Ext)	From US 17 Bypass to US 17 (New Route Connector)	\$33.7 Million

Division 2 Funding

Estimated Division
Funds - \$32M

Sample Projects that Ferry Boats will Compete Against

County	Roadway	Project Description	Estimated Cost
Pamlico	SR 1005	Widen and straighten alignment from NC 306 to NC 55	\$19.2 M
Carteret	Bridges Street Ext.	Extension of Bridges Street to the vicinity of Newport	\$35.8 M
Craven	Trent Road	Widen to Multi-Lanes from MLK Boulevard to Simmons Street	\$11M
Pamlico	Florence Road	Widen from NC 55 to Straight Road	\$23.3 M
Craven	Airport Loop Road	Widen from Airport Road to US 70	\$850,000



Questions

RESOLUTION FOR DR. GEORGE L. EDWARDS, JR.

WHEREAS, Dr. George L. Edwards, Jr., founder of Affordable Care, opened the first business as Affordable Dentures in 1975 in Kinston, where the company's headquarters are still located; and

WHEREAS, Dr. George L. Edwards, Jr. and his partner saw an enormous patient need as they provided treatment in their general dentistry practice; and

WHEREAS, it has grown into a network of almost 200 affiliated practices operating in 40 states and is now the largest and fastest growing denture-service provider in the United States; and

WHEREAS, Affordable Dentures employs over 150 individuals in Lenoir County; and

WHEREAS, Dr. George L. Edwards, Jr. contributions brought to individuals, that could not afford dental care, have been tremendous and the economic impact to his community and the State of North Carolina is immeasurable; and

WHEREAS, the Lenoir County Board of Commissioners desires to dedicate a bridge in honor of Dr. George L. Edwards, Jr.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names bridge number 201, located over Industrial Drive, directly behind Affordable Dentures, as the ***Dr. George L. Edwards, Jr. Bridge.***

That appropriate signs be erected at a suitable time.

Adopted, this the sixth day of February 2014 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR WILBER E. RABON

WHEREAS, there are many sons of Brunswick, but those who have made the road better for others are not as many, and those who have made Brunswick a better place to live, work or grow are even fewer; and

WHEREAS, there was one son, Wilber Earl Rabon, who truly loved Brunswick County, and fought for it nearly his whole life, even while he was in school, graduating from Bolivia High School, and furthering his education at North Carolina State University, and although he was employed at Federal Paper Company in Riegelwood, he served with distinction on the Brunswick County Board of Education, the Brunswick County Board of Commissioners, the Southeastern Area Mental Health Board, the Southeastern Economic Development Commission, the North Carolina Highway Commission, and the North Carolina Department of Transportation Board, and represented the interests of Brunswick County citizens well and effectively in all of those tenures, and he also served on the Board of Directors of Security Savings Bank for many years, and he was an honored recipient of the Order of the Long Leaf Pine; and

WHEREAS, service was a recurring theme in his life, he also sought to promote community and peer support, having been a member of the Orient Masonic Lodge 395 for 47 years, having been an active member of the Sudan Temple of New Bern, and a charter member of the Brunswick County Shrine Club; and

WHEREAS, his service obligations was a part of his fabric, having maintained and strengthened a marriage to Doris Anderson Rabon, his high school sweetheart, for sixty-two years, proving to his neighbors and community the blessings of remaining steadfast, constant and true; and

WHEREAS, the Brunswick County Commissioners wish to honor the memory of this native son by naming a bridge for him in the County he loved so well.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation name the bridge at the junction of I-140 and US 17 in Winnabow, as the ***Wilber E. Rabon Bridge***.

That appropriate signs be erected at a suitable time.

Adopted, this the sixth day of February 2014 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

MULTIMODAL COMMITTEE MEETING
January 8, 2013
9:00-11:00 Board Room

John Collett, Chair, called the meeting to order.

Board Members in attendance: John Collett, Andrew Perkins, Malcolm Fearing, John Lennon, Cheryl McQueary, Mike Smith, Mike Lee and Lou Wetmore.

A motion to approve December 4, 2013, Multimodal Committee Meeting minutes was made by Andrew Perkins and seconded by Cheryl McQueary. The motion was approved.

Public Transportation Division Funding – Richard Walls

- Item I-1-1A & Item I-1-1B
 - See attachment A and B

A motion to approve was made by Cheryl McQueary and seconded by Lou Wetmore. The motion was approved.

Ferry Division – Harold Thomas

- Emergency Ops Overview – Jed Dixon – See Attachment C
- Richard Walls – Ferry Tolling Exemption list will be presented as information to the Board next month; Harold Thomas – presented Ferry update, trip report, and monthly analysis

Bike & Pedestrian Division – Lauren Blackburn

- Presented 2014-2015 Statewide Project Action Plan – Attachment D

Rail Division – Paul Worley

- The Rail Report

Aviation Division – Bobby Walston

- NC Airport Association Conference – April 23-25, Asheville at The Grove Park Inn – The new NC Airport Association President is Ray Blackman.
- Outreach on STI with Airports

Meeting adjourn.

November 2013 Multimodal Committee Minutes

MEETING AGENDA

Multimodal Committee

Wednesday, February 5, 2014, from 9:00-11:00

Board Room

- Call to Order John Collett
- Approval of Minutes Committee Members
- Funding Items Richard Walls
- Ferry Division Harold Thomas
 - Updates (3 handouts)
- Bicycle & Pedestrian Division Lauren Blackburn
 - No Update
- Rail Division Paul Worley
 - Rail Report & JTLOC Update
- Aviation Division Bobby Walston
 - Update & Presentation – UAS
- Public Transportation Division Debra Collins
 - Updates
- Adjourn



NC Board of Transportation Multi-Modal Committee Meeting

The NC UAS Program Overview

2/5/2014

Kyle Snyder,
NGAT Center Director



NGAT Center: Introduction

- NGAT - NextGen Air Transportation Center
- Organizational Structure



- Staff
 - NGAT Center Director
 - Flight Operations Manager
 - Airspace Consultant
- History:
 - Relunched in May 2012 with UAS Program focus
 - 2012: Build foundation
 - 2013: Began UAS flight operations
 - 2014: Governance, Research, Integration



NGAT Center: Overview

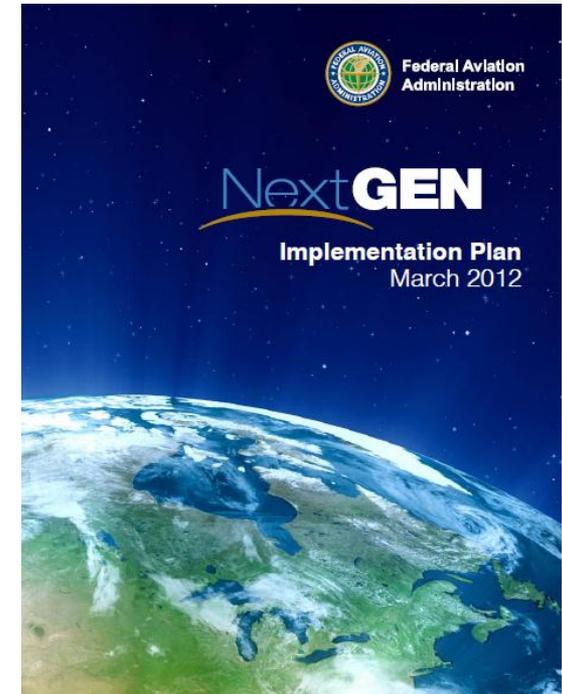
Mission: *to discover, evaluate, implement, and disseminate advanced air transportation technologies at the regional, national, and international level to improve the capacity, safety, and environment surrounding modern air transportation.*

Goals:

1. Unify the UAS/RPA community across NC.
2. Develop a complete UAS lifecycle support capability native to NC for statewide integration.
3. Position NC as a NextGen early adopter for FAA evaluations, technology fielding, and user deployment.
4. Serve as a regional Knowledge Center for UAS and air transportation modernization activities.
5. Secure a position on the winning 10-year FAA UAS Center of Excellence team.

The Aviation Future

- “NextGen”
 - Satellite Based Navigation and Surveillance
 - Digital Data Exchange
 - Automation Assisted Air Traffic Management
 - Probabilistic Weather Decision Tools
 - Equivalent Visual Operations
 - Prognostic Safety Systems
 - Reduced Aircraft Environmental Footprint
- Impacts from Today to 2020
 - Greater access to more airports nationwide, particularly for general aviation due to enhanced satellite navigation capabilities
 - Air traffic controllers have a wider array of tools to improve efficiency
 - Traveling public enjoys shorter flight times and fewer delays
 - NextGen improvements will reduce delays by 41 percent
 - Cumulatively save 1.6 billion gallons of fuel, reducing carbon dioxide emission by 16 million metric tons
 - Delay reduction, fuel savings and other efficiency improvements will provide \$38 billion in cumulative benefits to aircraft operators, the traveling public, and the FAA



NextGen Aircraft



Boeing 787-8
197 ft Wingspan
Weight 500,000 lb



General Atomics MQ-9, Reaper
66 ft Wingspan
Weight 10,500 lb



HondaJet
40 ft Wingspan
Weighs 9,200 lb.



Cirrus SR22
38 ft Wingspan
Weighs 2,300 lb.



Terrafugia
30 ft Wingspan
Weighs 1500 lb.



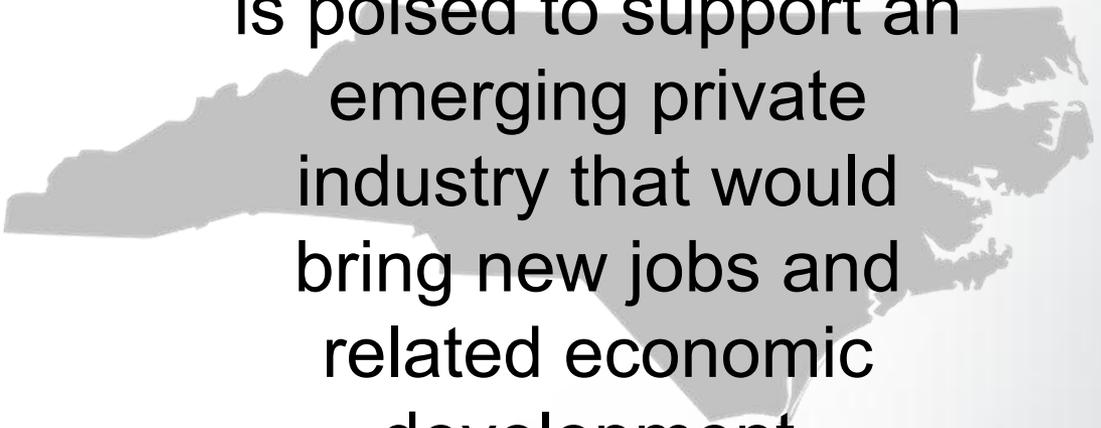
Super Swiper
6 ft Wingspan
Weighs 9 lb.

The UAS Opportunity

FAA estimates that 7,500 commercial UAS will be viable within 5 years and as many as 30,000 by 2020.

Annual market sales of \$11B in the US.

The state is poised to support an emerging private industry that would bring new jobs and related economic development.

A faint, light gray silhouette of the state of North Carolina is visible in the background, partially obscured by the text on the right side of the slide.

The UAS Impact to NC

A UAS manufacturing and service industry associated with access to UAS research sites could add over 200 jobs and \$50 million to the State's GDP by 2025.

Partnerships with existing industry, agricultural businesses, and colleges and universities will drive significant economic development

90% of current markets for UAS are in the agriculture and public safety sectors. Benefits for agriculture projects such as infrared research of crop patterns will be realized quickly

The Association for Unmanned Vehicle Systems International estimates a UAS industry can create almost 1,200 jobs...

...and \$600 million in economic activity in NC by 2025.

Privacy and Data

- FAA concerned with regulating **airspace**, but public concerns center around **privacy** and **data protection**
- Safety, privacy, and protection are highest priority of state's efforts
- NC Governance Working group is covering data protection in detail in legislative report
- Recommended governance for law enforcement also covers privacy issues

Public Polling



52%% support hostage situation use
62% support immigration control use
83% support search-and-rescue use



76% believe warrant should be required for law enforcement
72% against UAS for speeding tickets

The UAS Landscape

- FAA
 - No commercial operations allowed today, only agencies providing “public value”
 - Certificate of authorizations (COAs) are waivers
 - Sept 2015- Congressional integration goal
 - Test Site decision 12/30/13
 - ND, NV, NY, AK, TX, VA
 - “NextGen” transition over next 10+ years
 - Privacy responsibility by default
 - More interest in autonomy
 - Nov 2014- FAA Release of **small** UAS NPRM (Part 107)
- Dept. of Defense
 - Drawing down from theater
 - Contract services for UAS management/operations
 - Many systems of multiple sizes
 - Returning interest in autonomy
- Industry
 - Global
 - Traditional contractors, start-ups
 - Services, manufacturing, integrators, components
 - Needs multi-disciplinary talent!
- Academia
 - Developing degree, certificate, private (for profit) training programs
 - Sponsoring COAs for wide range of research
- Hobbyists = recreational

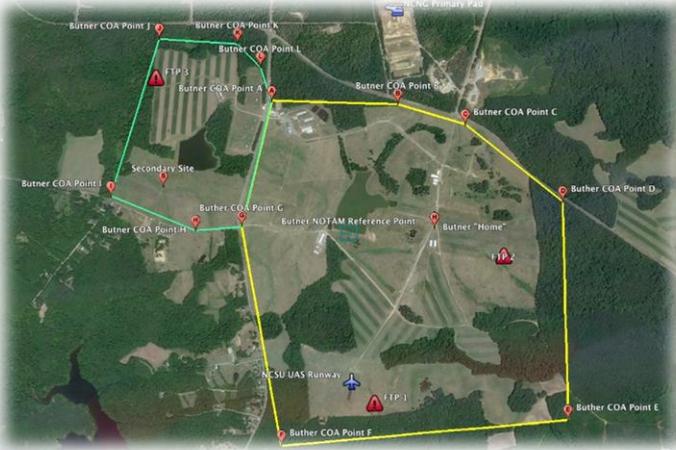
NGAT Center: Funding

- To Date
 - NCDOT- approx. \$1,000,000
 - GoldenLeaf- \$200,000
 - NC State- \$100,000
- Planned
 - NC Legislature (via NCDOT)- \$2.5M (2014, 2015)
 - Infrastructure/facilities development- ~\$1M
 - Services to support flight operations (flight crew, range crew, engineering)- \$1M
 - Program Management- marketing, recruitment, coordination- \$0.5M
 - NGAT Memberships- \$100,000 (2014)
 - Sponsored Research
 - NCDOT- \$250,000 for Inspection Tool
 - NSF NRI- \$200,000/yr for 3 years for Training and Autonomy Research
 - FAA UAS Center of Excellence- \$50,000 (2014), \$250,000 (2015)
 - NGAT Members- \$100,000 (2014), \$500,000 (2015)



Current UAS Flight Locations

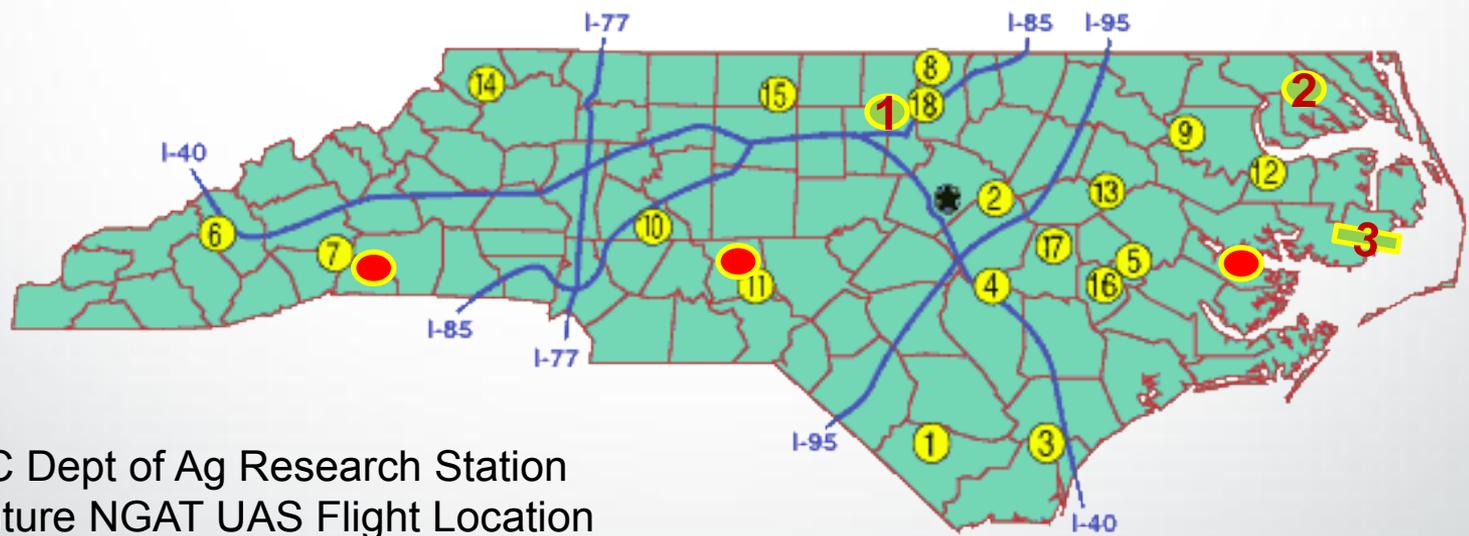
1- Butner



2- Caratoke (Moyock)



3- Hyde County



- NC Dept of Ag Research Station
- Future NGAT UAS Flight Location

The Gull Rock Test Site- Hyde County



Current NC Policy Efforts

Cross-functional workgroup established to research issues and prepare legislative report

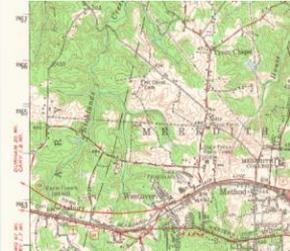
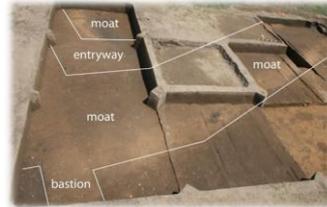
- NCSU
- State CIO
- DOT
- DENR
- NC Military Foundation
- Duke University
- Governor's Policy and Legal offices
- NC Innovation Center (iCenter)
- NC National Guard
- NC Department of Commerce
- Research Triangle Institute

CIO Governance Report

Due Date: 03-01-2013

- Governance structure to include the appropriate use at each level of government.
- Guidelines for program implementation to include limitations on unmanned aircraft system use.
- Potential participants.
- Costs associated with establishing a program.
- Potential sources of funding.
- Issues associated with establishing a program to include limitations on entities that may already have purchased UAVs
- Recommendations for legislative proposals.

Hundreds of Potential Use Cases



- Emergency Response
- Mapping / Aerial Photography
- Homeland Security
- Civil Air Patrol
- Agriculture
- Mining
- Forestry
- Wildlife Resources
- Transportation
- Investigation
- Drug Enforcement
- Anti-terrorism
- Law Enforcement
- First Responder Support
- Weather Research
- Disaster Analysis
- Airport Planning
- Entertainment
- Others

UAS Statewide Integration

- Dept. of Public Safety
 - Emergency Management- preparedness, response
 - GIS- mapping, surveys
 - Search / Search and Rescue
- Dept. of Transportation
 - Small area surveys, Photogrammetry
 - Construction and Structures- Infrastructure inspections
- Dept. of Agriculture
- NC National Guard
 - Counterdrug
- State Bureau of Investigations
 - Law Enforcement
- Dept. of Environment and Natural Resources
 - Forestry
 - Wildlife Resources
- *Commercial Industries*
 - Survey
 - Aerial Photography
 - Contract services

***Any state agency
operation requires
approval from SCIO***



Building a UAS Ecosystem in NC

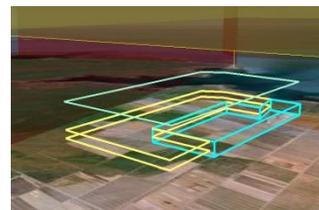
User Capability Requirements



Initial Design and Development



Testing



Sustainment / Maintenance



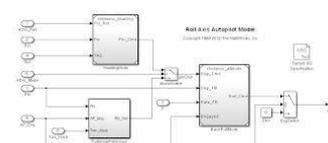
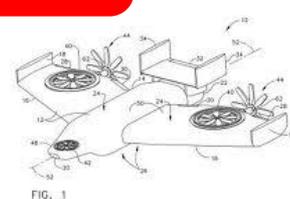
Fielding



Manufacturing



Production Design

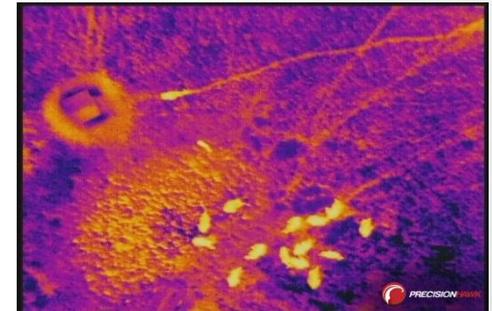
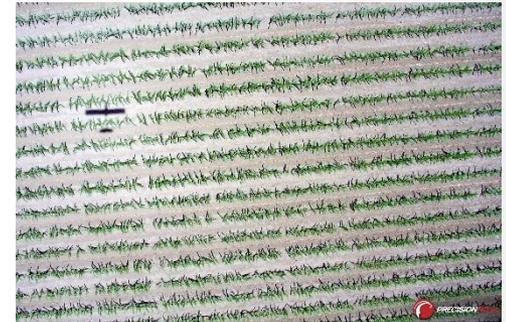


Training



NGAT Center: UAS Research

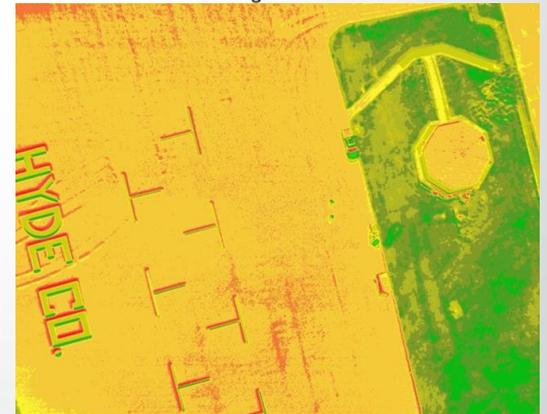
- Operational Safety
 - Airspace Integration- manned and unmanned sharing airspace
 - Communications, procedures, technologies (sense and avoid)
- Training
 - Education requirements
 - Licensing and certification standards
 - K-12 STEM integration
- Policy (**collaboration with SCIO**)
 - National and state requirements
 - Data management
 - Privacy protection
- Applications
 - Agriculture- aerial imaging (crop health), aerial application
 - Small area surveys- mapping, 3D modeling, remote sensing
 - Wildlife/herd management
 - Public Safety- infrastructure inspections, emergency response
 - Cargo delivery
- Scientific
 - Autonomy development- robot-vehicle collaboration, human-machine collaboration
 - Data (imagery) analytics



NGAT 2013 Flying



Original



NDVI

Industry in NC



- Existing Companies
 - Blue Force Technologies
 - Precision Hawk
 - Bird Aerospace
 - Vx Aero
 - Bosh Global Services
 - Academi
 - RTI
 - L-3 STRATIS
 - Carolina Unmanned
 - Aerobot Services
 - Duncan Parnell
 - VetDS
 - HondaJet*
- Interested Companies
 - Bosh Precision Ag
 - Simulyze
 - VTOL Dynamics
 - Leica Geosystems
 - KSI Video
 - Olaeris
 - ESUS Inc
 - Terra Flight
 - Dunan Systems International
 - Adaptive Aerospace Group
 - Raytheon
 - L-3 Unmanned Systems
 - Aerovironment

Current NC UAS Summary

- NCSU's Next Generation Air Transportation (NGAT) division has led the state's flight operations to date
- Received 5 Certificates of Authorization from FAA and subsequent CIO approval for research at 3 remote sites:
 - Hyde County (submitted as FAA test site)
 - NCSU Butner Beef Cattle Farm
 - Moyock
- **FAA test site decision does not impact NC program and future plans**
- FAA UAS Center of Excellence Proposal (RFP FYQ1 2014)
- NCDOT Inspection Tool Research Proposal Submitted (March decision)
- Membership Program launch spring 2014
- Program will focus on jobs, education, and assessing the capabilities of UAS technologies for integration with state and local governmental agencies.



For More Information



Contact:

Kyle Snyder
NGAT Center Director
919-515-8623 (office)
kyle_snyder@ncsu.edu

*It is not really necessary to look too far into the future;
we see enough already to be certain it will be magnificent.
Only let us hurry and open the roads.*

- *Wilbur Wright*

QUESTIONS?



ATTACHMENT B

**FERRY DIVISION
MONTHLY ANALYSIS**

Includes one time Hwy Fund Transfer \$2M

Report Period	Dec-13	Fiscal Year:	FY 13 - 14	
	Current Year	Previous Year		Current exceeds Previous Month by \$405,557
Annual Appropriation**	\$39,707,920	\$41,038,132		Expended this period on Bonner Bridge Scour EM Resposne \$490,649 Actual Reduction \$85,092

	Current Month	Current Month Previous Year	Fiscal Year Current Year-to-date	Fiscal Year Previous Year-to-date	Capital Reserve Accounts for Ferry Vessel Project Funding per SB 402 CURRENTLY UNDER INTERNAL AUDIT-As Recorded in SAP		
					ROUTE	MONTH	Y-T-D
Pay Periods	2	2	13	13			
Expenditures-Gross	\$3,312,261	\$2,937,330	\$18,722,995	\$17,423,253	Southport-Fort Fisher	\$25,332	\$410,491
Toll Income	-\$45,938	-\$34,580	-\$1,077,133	-\$1,075,065	Cherry Br.- Minnesott	\$2,302	\$17,975
Other Cptl Rcts	-\$3,191	N/A	-\$134,763	N/A	Pamlico River	\$456	\$3,293
Designated Capital	-\$49,129	N/A	-\$1,201,428	N/A	Cedar Island - OI	\$12,554	\$206,587
Non-Capital Rcts*	-\$30,484	-\$75,659	-\$10,668	-\$2,076,642	Ocracoke - CI	\$10,454	\$206,684
Net Operations	\$3,232,648	\$2,827,091	\$17,521,567	\$14,271,546	Ocracoke - Swan Qtr	\$20,017	\$209,882
<u>Transported</u>					Hatteras Inlet	\$1,343	\$52,456
Vehicles	36,525	35,986	475,869	462,088	Currituck - Knotts Is	\$444	\$3,464
Passengers	67,221	64,630	1,127,594	1,100,649	Not Yet Distributed		\$139,725
					CAPITAL RESERVES	\$72,902	\$1,250,557

Permanent Employees	447	**Annual Appropriation distributed to Ferry Division WBS numbers upon budget certification based on historical & projected requirements 85%. 'Current Year' includes \$ 1,150,000 state funding Spoil Site Refurbishment. \$ 38,557,920 for Ops & Maint.	Active Projects: ADA Elevator Install- MV Pamlico Dredge Replacement Tier 3 Engine Upgrades Facility and Ramp/Gantry R & R
Temporary Employees	77		
Pool Employees	56		
Vacant Positions*	42		
*Actions on	10		

ATTACHMENT A							
2013-2014							
SUMMARY REPORT							
	TOTAL	TOTAL	GRAND TOTAL	GRAND TOTAL	GRAND TOTAL	PERCENT	PERCENT
	N.C.	OUT-OF-STATE	VEHICLES	SPACES	PASSENGERS	FROM N.C.	OUT-OF-STATE
	ALL SITES	ALL SITES	ALL SITES	ALL SITES	ALL SITES	ALL SITES	ALL SITES
JULY	66,616	52,357	118,973	124,358	326,945	55.99%	44.01%
AUGUST	61,117	48,711	109,828	115,417	287,698	55.65%	44.35%
SEPTEMBER	54,069	39,520	93,589	98,417	210,989	57.77%	42.23%
OCTOBER	44,579	24,722	69,301	74,100	142,465	64.33%	35.67%
NOVEMBER	35,229	12,424	47,653	50,971	92,276	73.93%	26.07%
DECEMBER	29,648	6,877	36,525	38,631	67,221	81.17%	18.83%
JANUARY	-	-	-	-	-		
FEBRUARY	-	-	-	-	-		
MARCH	-	-	-	-	-		
APRIL	-	-	-	-	-		
MAY	-	-	-	-	-		
JUNE	-	-	-	-	-		
TOTAL	291,258	184,611	475,869	501,894	1,127,594	*Ferry System affected by Scour at Bonner Bridge. EM Route efforts underway 12/3/13 - In Progress	
Y-T-D PREVIOUS YEAR	290,067	172,021	462,088	487,064	1,100,649		
PERCENT CHANGE	0.41%	7.32%	2.98%	3.04%	2.45%		
SUMMARY REPORT							
	TOTAL	TOTAL	GRAND TOTAL	GRAND TOTAL	GRAND TOTAL	PERCENT	PERCENT
	N.C.	OUT-OF-STATE	VEHICLES	SPACES	PASSENGERS	FROM N.C.	OUT-OF-STATE
	ALL SITES	ALL SITES	ALL SITES	ALL SITES	ALL SITES	ALL SITES	ALL SITES
JULY	68,229	50,371	118,600	124,367	325,874	57.53%	42.47%
AUGUST	60,291	45,752	106,043	110,927	277,530	56.86%	43.14%
SEPTEMBER	52,350	35,733	88,083	93,130	203,851	59.43%	40.57%
OCTOBER	44,835	24,118	68,953	73,380	144,691	65.02%	34.98%
NOVEMBER	34,533	9,908	44,441	47,291	84,073	77.71%	22.29%
DECEMBER	29,829	6,139	35,968	37,969	64,630	82.93%	17.07%
JANUARY	30,809	5,396	36,205	38,235	61,751	85.10%	14.90%
FEBRUARY	27,696	4,623	32,319	34,130	55,362	85.70%	14.30%
MARCH	39,233	11,586	50,819	53,751	102,277	77.20%	22.80%
APRIL	45,642	19,625	65,267	69,527	144,472	69.93%	30.07%
MAY	54,511	31,740	86,251	92,095	192,925	63.20%	36.80%
JUNE	59,575	42,101	101,676	107,136	265,664	58.59%	41.41%
TOTAL	547,533	287,092	834,625	881,938	1,923,100		
Y-T-D PREVIOUS YEAR	607,275	259,563	866,838	914,078	1,985,698		
PERCENT CHANGE	-9.84%	10.61%	-3.72%	-3.52%	-3.15%		



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

February 5, 2014

MEMORANDUM

TO: Multimodal Committee

FROM: Harold B. Thomas, Director
N.C. Ferry Division

SUBJECT: Ferry Update on Programs and Initiatives

The purpose of this memo is to provide an outline of current North Carolina Ferry Division programs and initiatives. We will be happy to provide any additional information and details if requested.

- **Traffic – Attachment A**
To date the Division has transported **475,869** vehicles **2.98%** more vehicles than this time last year and **1,127,594** passengers **2.45%** more passengers than this time last year.
- **Monthly Analysis of Ferry Operations – Attachment B**
Expenditures for the month of December were **\$3,232,647.64**. This includes approximately \$499,000 in expenditures that was relative to the Bonner Bridge Scour emergency response.
- **Missed Trip Report**
The December total for scheduled runs was **4,788** with **226** missed runs for a **95.28%** completion rate. We have completed **33,692** of our **34,361** scheduled runs for a completion rate of **98.05%**. We will continue to seek out and implement initiatives that will help to lower this missed trip percentage even further.
- **Hatteras Alternate Route**
We continue to use the Hatteras Alternate Route while dredging is completed in the primary channel. The Dredge Currituck is currently working the Federal portion of this channel and the State dredge Carolina is working the State maintained portion.
- **New Dredge Contract**
NC Ferry Division technical review committee met with the two remaining bidders in regards to new construction of a pipeline dredge. The dredge should be under contract by the end of January.

- **Public Toll Meetings**

Four Public Toll Meetings have been scheduled for the first and second week in February. Meetings will be conducted in Knotts Island, Ocracoke, Pamlico County and Southport.

- **Main Engine replacement for Hatteras Class Ferries**

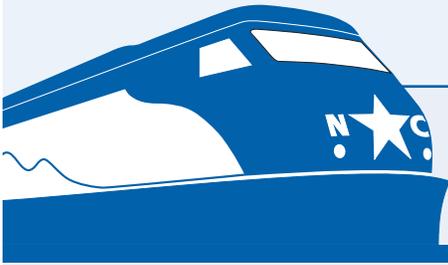
The NC Ferry Division is in the process of replacing the main engines on the Hatteras Class Ferries. A federal grant was awarded in the amount of \$950,487 through the Ferry Boat Discerner Fund. The MV Ocracoke will be the first vessel to receive the new C 18 Caterpillar Engines. The engines have more horsepower and have better emissions. 10 engines total will be installed in 5 ferries over the next 2 years.

- **Cherry Branch Ramp Construction**

The contractor anticipates completing an additional ramp in Cherry Branch by the end of February. This project was also awarded under the Ferry Boat Discrenary Fund. The cost of the project is \$2.2M. A second ramp will serve as a contingency for breakdowns and will also allow the ferries to operate at times of serve high tides.

HBT/lps

Attachments



You've got more options with our new and improved website – ncbytrain.org
Now you can buy tickets, check fares, schedules and train status, all online.

The Rail Report

NCDOT Rail Division



February 2014



North Carolina and Virginia Compact Members meet

Members of the NC Delegation of the VA-NC Interstate High Speed Rail Compact Commission traveled to Richmond, VA on January 7, 2014 to meet with the Virginia members of the Compact. In the first meeting of both NC and VA delegations since 2012, Commission members heard speakers from FRA, Amtrak and the States for Passenger Rail Coalition, and discussed aligning Virginia and North Carolina's interests in the Southeast Corridor. The Commission's purpose is to coordinate development and implementation of higher speed rail from Charlotte to Washington, DC. Members agreed to meet again in July 2014.

Freight Rail & Rail Crossing Safety Improvement Fund Update

The NCDOT Rail Division has received grant applications for the \$19.2M in available FR&RCSI funds for freight and safety programs.

Freight programs that have not received full funding in recent years, including the Short Line Infrastructure

Assistance Program and the Rail Industrial Access Program will be funded, in addition to safety projects identified in the past, that did not proceed due to funding constraints. Other freight projects are planned, including new rail access for railroad customers to divert shipments from trucks to rail.

The freight projects will proceed with at least 50 percent cost share from railroad or industry beneficiaries. FR&RCSI funds will leverage private investment to provide as much as \$30 million total investment in North Carolina. The funds are allocated to NCDOT by the General Assembly and are derived from dividends paid to the state through ownership of the North Carolina Railroad Company.



2013 Holiday ridership numbers in

Ridership on *Piedmont* trains 73, 74, 75 and 76 was 14,938 and 8,914 on *Carolinian* trains 79 and 80 for the period of December 20 –29, 2013.



Police/First Responder Training at NCDOT Capital Yard



2013 Activities Report

OUTREACH & TRAINING

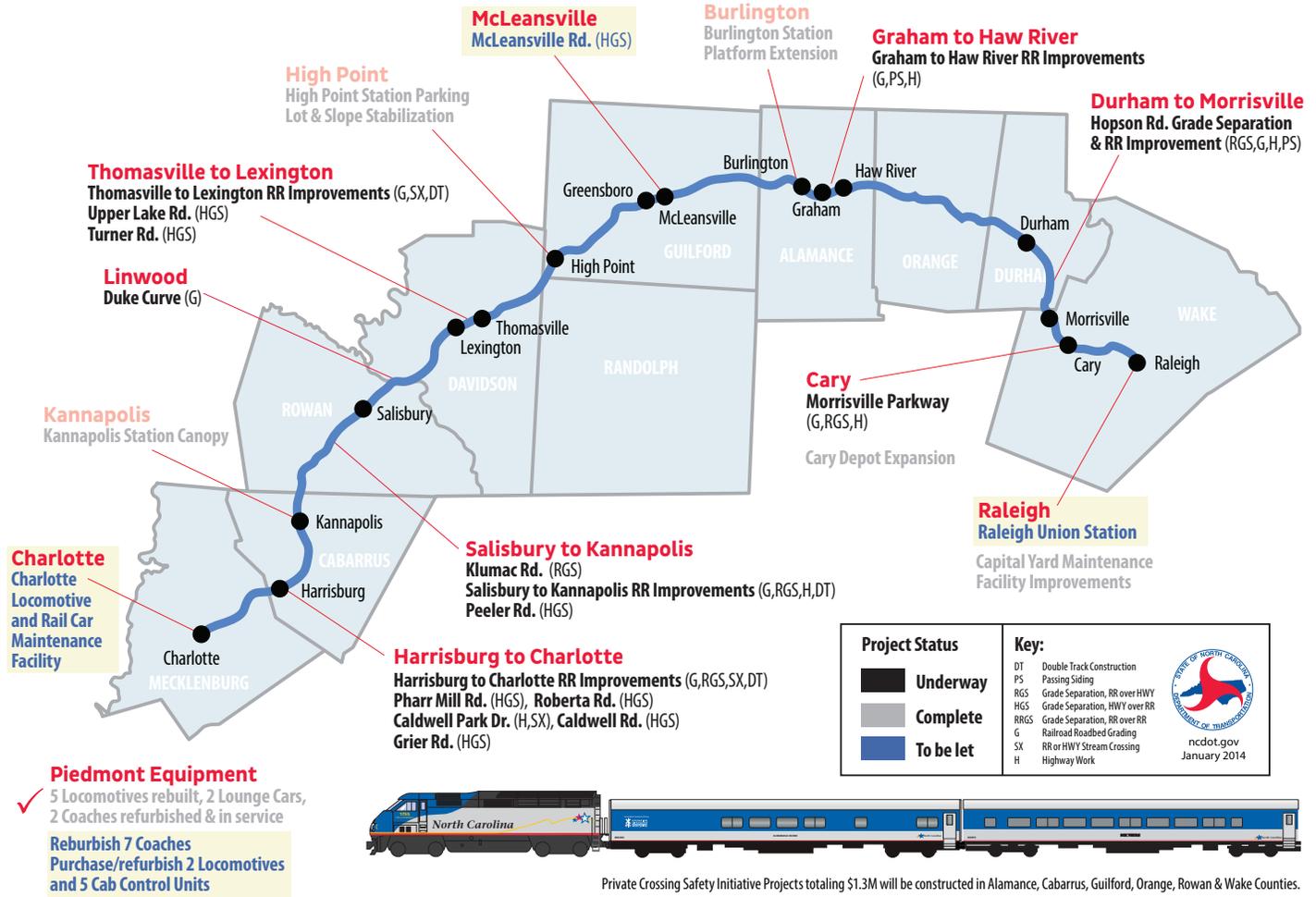
General Public	214
Police/First Responder Training	223
Fire and EMS/First Responder Training	306
BRS Safety train for law enforcement, judges and district attorneys	55
Safety Crossing Blitzes	5,730
Safety Fairs and Festivals	6,082

Estimate of People Reached with BRS Safety Message: 12,610

ACTIVITIES

- Crossing Blitzes held in Faison, Charlotte, Harrisburg, Raleigh, Fayetteville, Greensboro, Jamestown and Dunn—stopping cars at high-incident or busy at-grade crossings to hand out safety tips.
- BRS Trespass Blitzes held in Burlington, Durham and Greensboro—placing BRS posters in view of public and talking to people in close proximity of track. (No way of estimating number)
- Placed BRS posters in convenience stores – Raleigh, Cary, Morrisville, Durham, Hillsborough, Mebane, Graham, Burlington, Greensboro and Jamestown.
- Delivered BRS safety posters to campus police in Greenville, Pembroke for placement on campus.
- Maintained BRS website (berailsafe.org)

Piedmont Improvement Program Projects



ARRA Funds Spent to Date (effective 1/10/2014)

Component	
PD&A	\$ 33,743,261.41
Equipment Procurement & Rebuild	\$ 22,108,825.88
Stations & Facilities	\$ 10,132,524.83
Track & Structures	\$ 46,292,422.99
CRISP	\$ 1,884,245.72
Program Totals	\$112,164,280.83 of \$520M awarded FRA Grant Funds

Rail Division to appear before Joint Legislative Transportation Oversight Committee

Rail Division staff present financial and program updates to the JLTOC on February 7, 2013.

Rail Plan Update

Work is underway to collect data, begin coordination with stakeholders, and establish vision and goals for the plan. The Executive Summary will be complete fall 2015 and the first public draft of the full plan will be available for public comment early 2015.

Eastern Infrastructure Improvements Studies

Progress is being made on the EIS. Staff is reviewing past studies and evaluating existing conditions. Meetings with stakeholders continue and conceptual infrastructure improvements are being reviewed. Preparations are underway for work on market demand.

On March 1, 2014, an interim report will be presented to the legislature with the final report due on January 1, 2015.





North Carolina
DEPARTMENT OF TRANSPORTATION

Rail Division Update

NCDOT Board of Transportation
February 5, 2014

Paul C. Worley, CPM
Rail Division Director

Freight Rail & Rail Crossing Safety Improvement Fund (FR&RCSI)



- Established in 2013 under Section 34.14(e) of SB 402
- Funded by annual NCRRTD cash dividends
- Eligible freight and rail-highway crossing safety project types include:
 - Track & associated infrastructure improvements
 - Grade crossing protection, elimination, & hazard removal
 - Signalization improvements
 - Assistance for projects to improve rail access to industrial, port, & military facilities and for freight intermodal facility improvements
- Short line railroads are eligible

Who is eligible for FR&RCSI funds?

- Determined eligible project types by category
 - **Track Infrastructure Improvements** (shortline infrastructure assistance, Class I infrastructure projects, federal grant matching funds)
 - **Crossing Safety & Signals** (closures, corridors, signals, signage, surfaces)
 - **Rail Access Improvements** (discretionary grant matching funds, Rail Industrial Access, Military, Ports, Industry)
- Identified projects/programs with no other available funding
 - **State Grant Programs** – Shortline Infrastructure Assistance Program (SIAP) & Rail Industrial Access Program (RIAP)



FR&RCSI Process

- Solicited projects from Norfolk Southern, CSX, NC Ports Authority, short line railroads
- Recommended fund allocations by category based on anticipated project needs in each category
- Final project list to be determined based on appropriate prioritization methodologies for each project type.



FR&RCSI Summary



Recommended Fund Allocations

Project Category	Project Type	Preliminary Estimates
Track Infrastructure Improvements	Short Line	\$3M
	Potential Federal Match and Other Projects	\$5.152M
	Total	\$8.152M
Crossing Safety and Signals	Closure	\$2.09M
	Corridor	\$1.6M
	Crossing Assistance	\$2.8M
Total		\$6.490M
Rail Access Improvements	Discretionary Grants	\$0
	Industrial Access	\$1.25
	Military/Port/Industry	\$3.08
Total		\$4.558
Grand Total		\$19.2M

PRELIMINARY

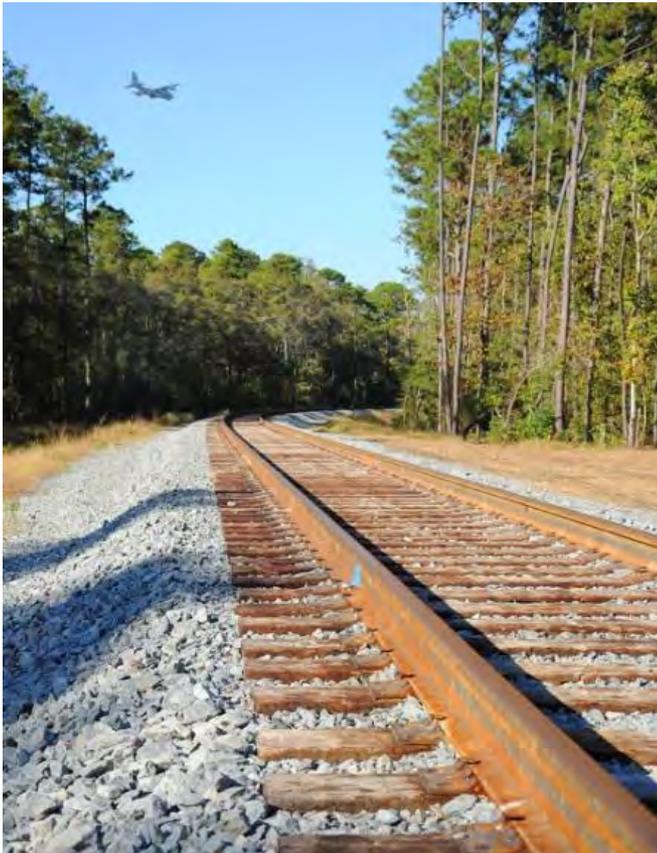
Eastern Infrastructure Improvement Studies

- Studies mandated by NC General Assembly, SB 402 in 2013 to evaluate markets and feasibility of infrastructure and access improvements to ports and Global TransPark
 - GTP Connections
 - Morehead City Port
 - Wallace to Castle Hayne and Wilmington
- **Work began October 2013**



NC Dept. of Agriculture and Consumer Services, and
Department of Commerce are our partners

Eastern Infrastructure Improvement Studies

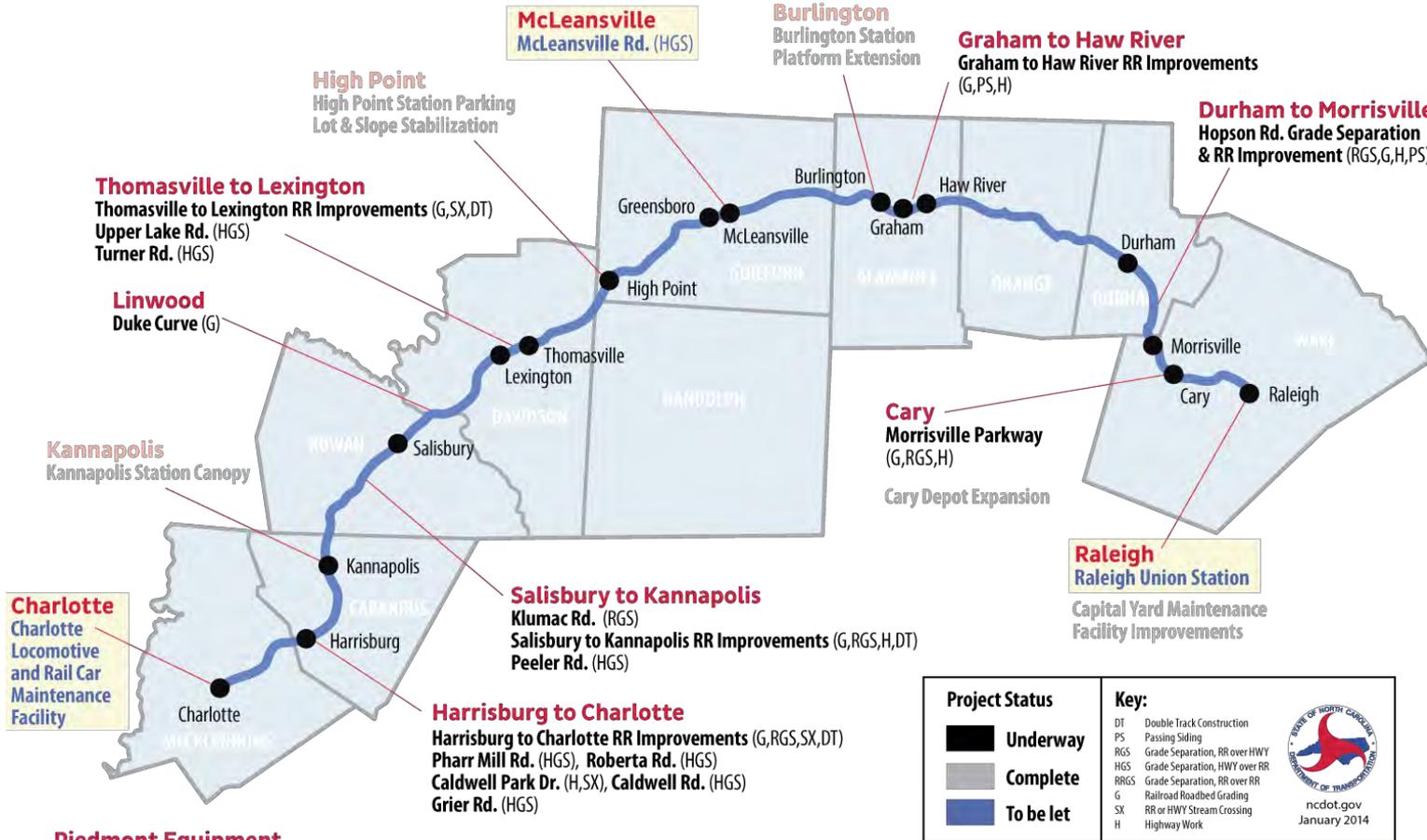


Studies Update:



- Reviewing past relevant studies
- Evaluating existing conditions
- Meeting with stakeholders:
 - Includes NCRR, NS, CSXT
- Preparing to gather market demand info
- Reviewing conceptual infrastructure improvements
- **Interim report will be submitted to JLTOC March 1, 2014.**

Piedmont Improvement Program Projects



Piedmont Equipment
✓ 5 Locomotives rebuilt, 2 Lounge Cars, 2 Coaches refurbished & in service
Reburbish 7 Coaches
Purchase/refurbish 2 Locomotives and 5 Cab Control Units

Project Status		Key:	
	Underway	DT	Double Track Construction
	Complete	PS	Passing Siding
	To be let	RGS	Grade Separation, RR over HWY
		HGS	Grade Separation, HWY over RR
		RRGS	Grade Separation, RR over RR
		G	Railroad Roadbed Grading
		SX	RR or HWY Stream Crossing
		H	Highway Work



Private Crossing Safety Initiative Projects totaling \$1.3M will be constructed in Alamance, Cabarrus, Guilford, Orange, Rowan & Wake Counties.

Piedmont Improvement Program Update



- **McLeansville Road** will be let September 2014
- **PIDS** – NCDOT is finalizing ADA-related design issues with FRA
- **Equipment Rebuilds** – locomotives have been purchased and are waiting cooperative agreement approval to begin rebuilds for 2 locomotives and 5 cab control cars



Piedmont Improvement Program Update



Charlotte Maintenance Facility

- Preliminary engineering commenced in April 2011
- NEPA/FONSI completed March 2014
- R/W will begin April 2014
- Final design will begin April 2014 and ends February 2015
- Construction on Phase 1 begins June 2015 and ends December 2016

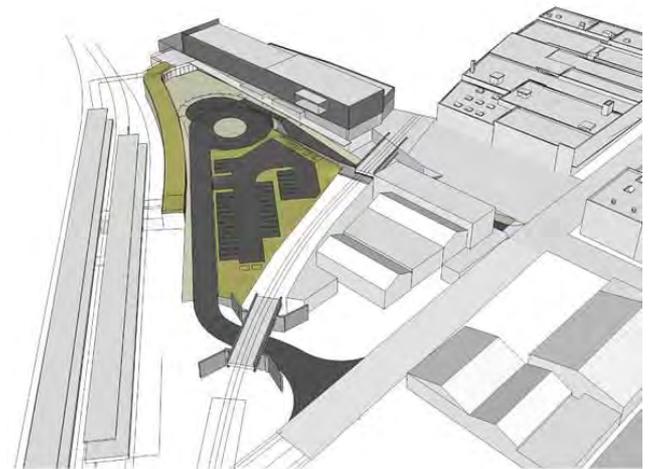


Piedmont Improvement Program Update



Raleigh Union Station

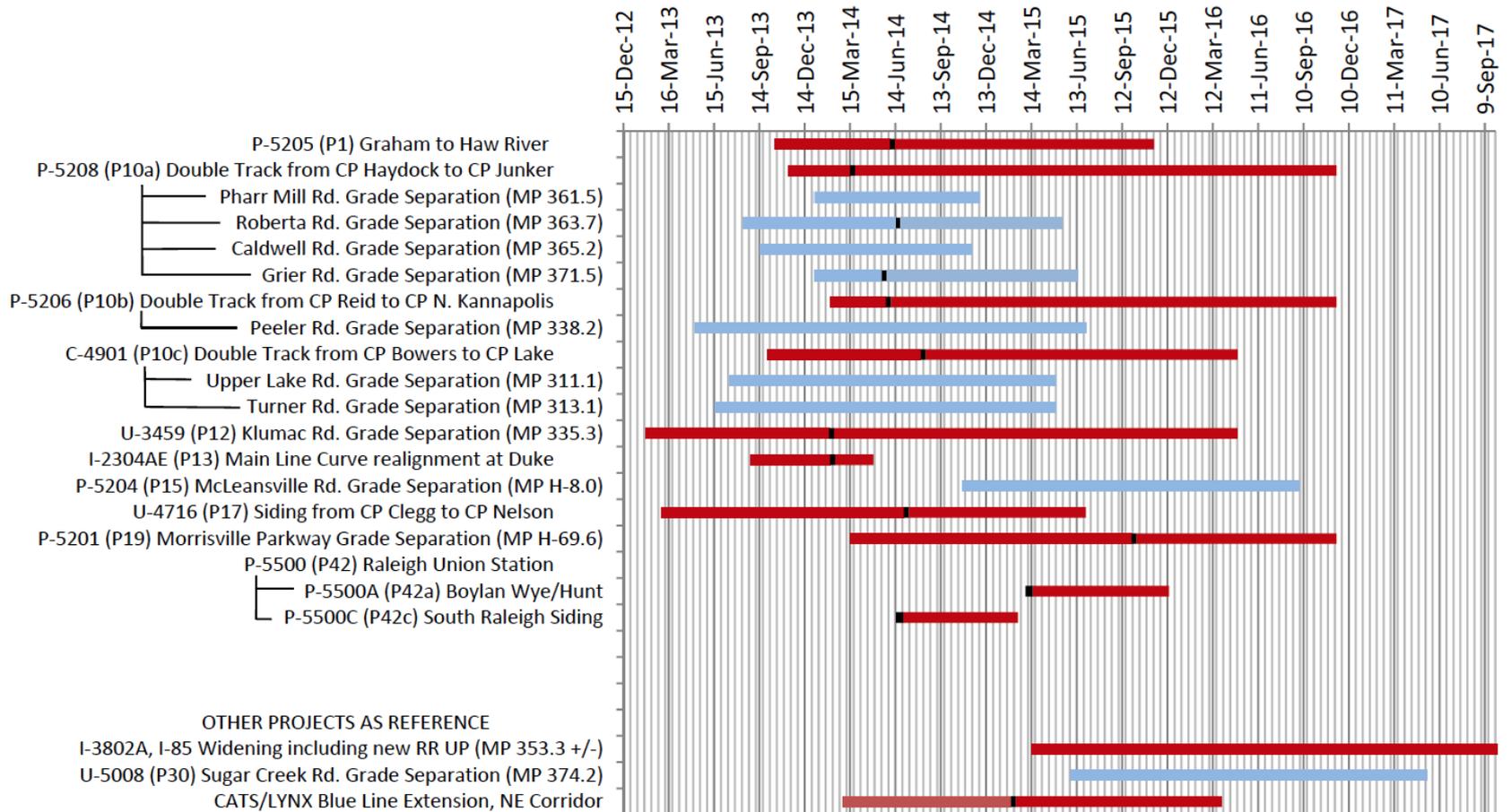
- 65% design complete in March 2014
- City council select Construction Manager February 2014
- NEPA/FONSI complete in March 2014
- Right-of-Way acquisition commence April 2014
- Final design complete in October 2014
- Construction begins January 2015
- Construction completion January 2017



PIP Trackwork Projects

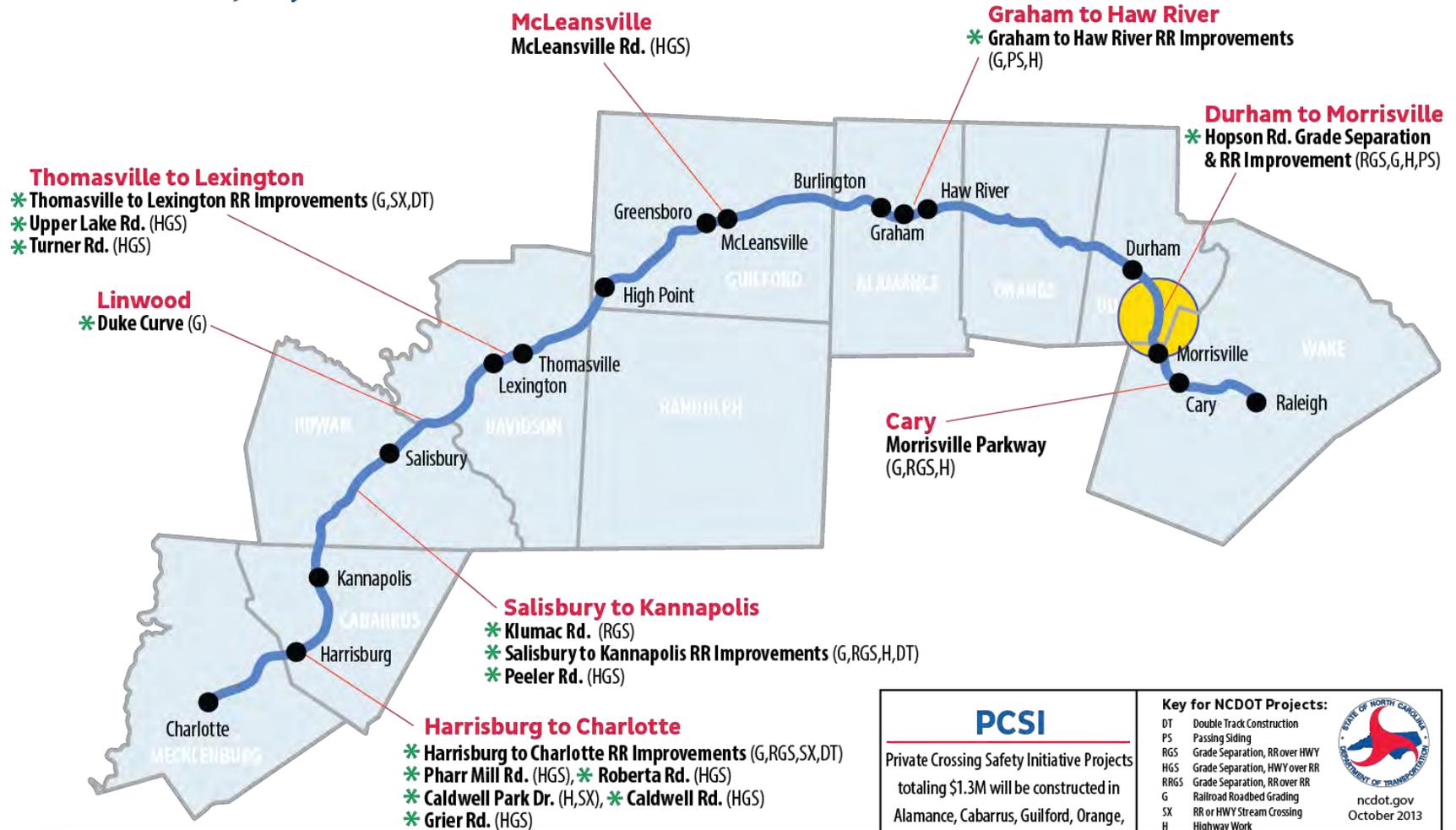
(from beginning of roadbed construction activities to completion of trackwork)

Bold black lines indicate the beginning of NSR Track and or Signal Construction.





Piedmont Improvement Program Projects



PCSI		 ncdot.gov October 2013
Private Crossing Safety Initiative Projects totaling \$1.3M will be constructed in Alamance, Cabarrus, Guilford, Orange, Rowan & Wake Counties.		
Key for NCDOT Projects: DT Double Track Construction PS Passing Siding RGS Grade Separation, RR over HWY HGS Grade Separation, HWY over RR RRGS Grade Separation, RR over RR G Railroad Roadbed Grading SX RR or HWY Stream Crossing H Highway Work		✓ Project Complete * Project Underway



2014/01/03

U-4716 Nelson to Clegg Grading



2014/01/03

U-4716 Nelson to Clegg Erosion Control



2014/01/08

U-4716 Signal Cabinet Installation



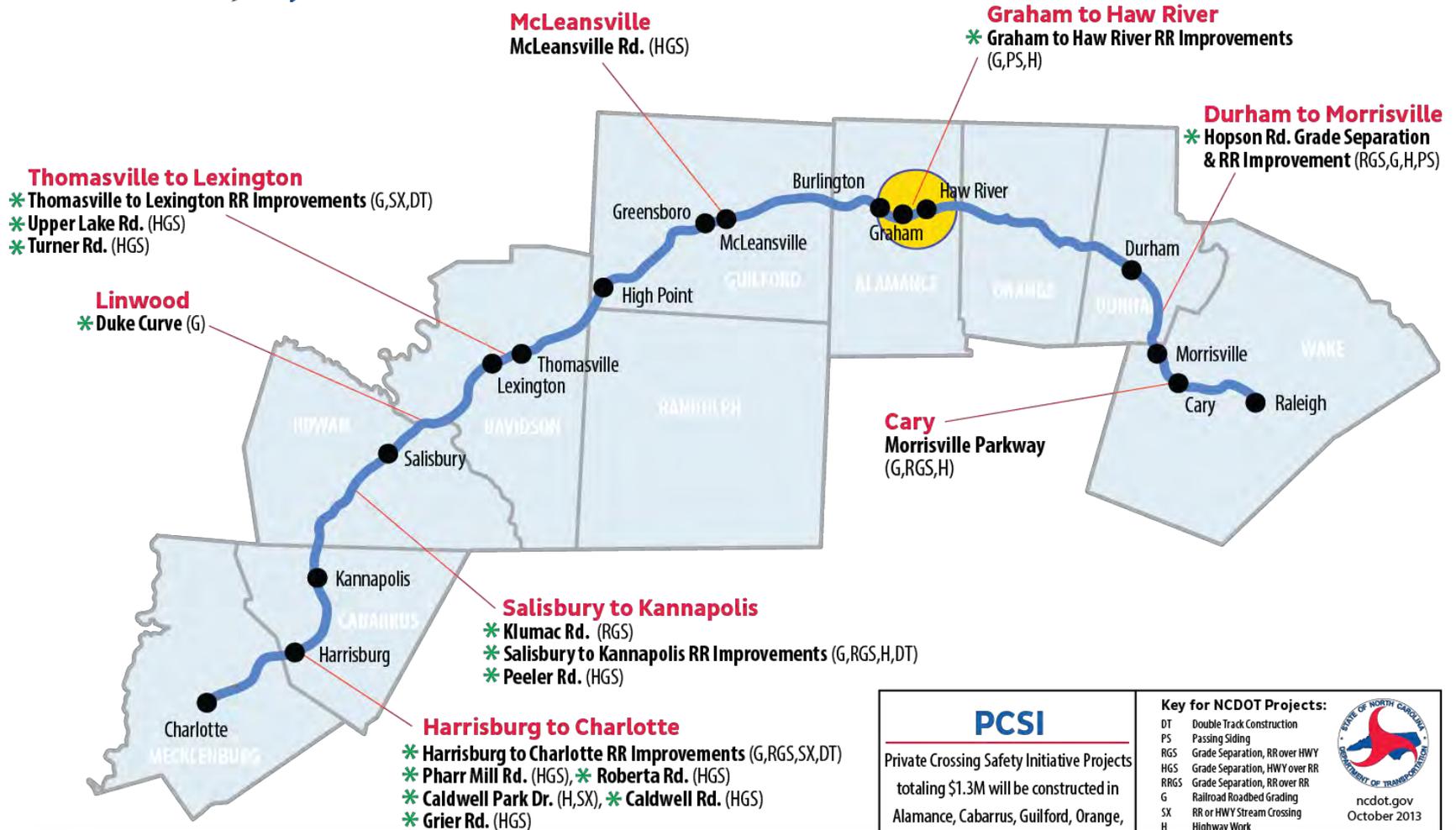
U-716 Rails await installation



U-4716



Piedmont Improvement Program Projects



PCSI

Private Crossing Safety Initiative Projects
 totaling \$1.3M will be constructed in
 Alamance, Cabarrus, Guilford, Orange,
 Rowan & Wake Counties.

Key for NCDOT Projects:

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HGS	Grade Separation, HWY over RR
RRGS	Grade Separation, RR over RR
G	Railroad Roadbed Grading
SX	RR or HWY Stream Crossing
H	Highway Work

✓ Project Complete * Project Underway



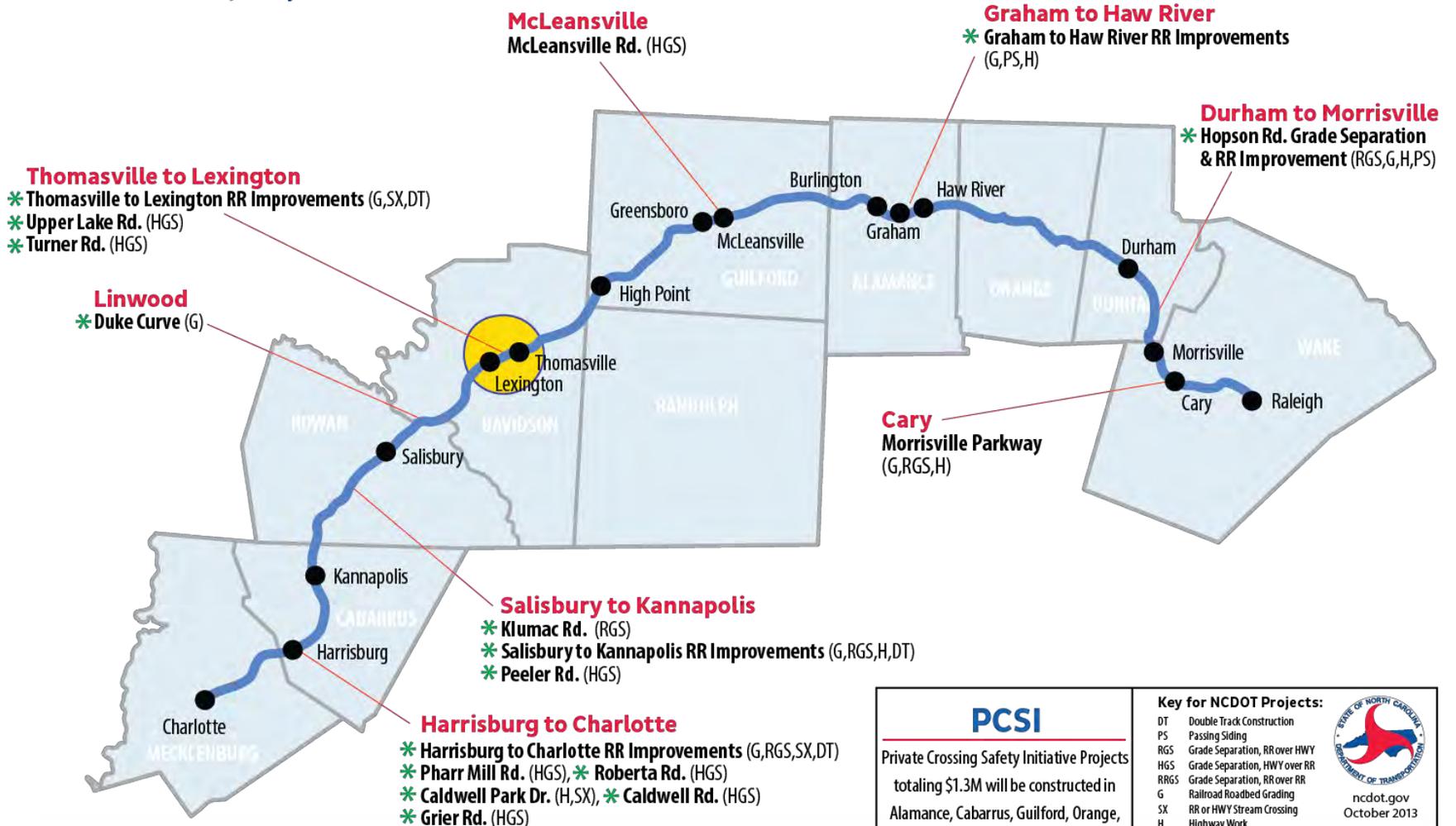
ncdot.gov
October 2013



P-5205 Graham to Haw River Grubbing



Piedmont Improvement Program Projects



PCSI

Private Crossing Safety Initiative Projects totaling \$1.3M will be constructed in Alamance, Cabarrus, Guilford, Orange, Rowan & Wake Counties.

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- RRGS Grade Separation, RR over RR
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- SX RR or HWY Stream Crossing
- H Highway Work

✓ Project Complete * Project Underway



ncdot.gov
October 2013



C-4901 Turner Road Grade Separation Columns

01/08/2014



C-4901 Upper Lake MSE Walls

01/08/2014



C-4901 Upper Lake MSE Walls

01/08/2014

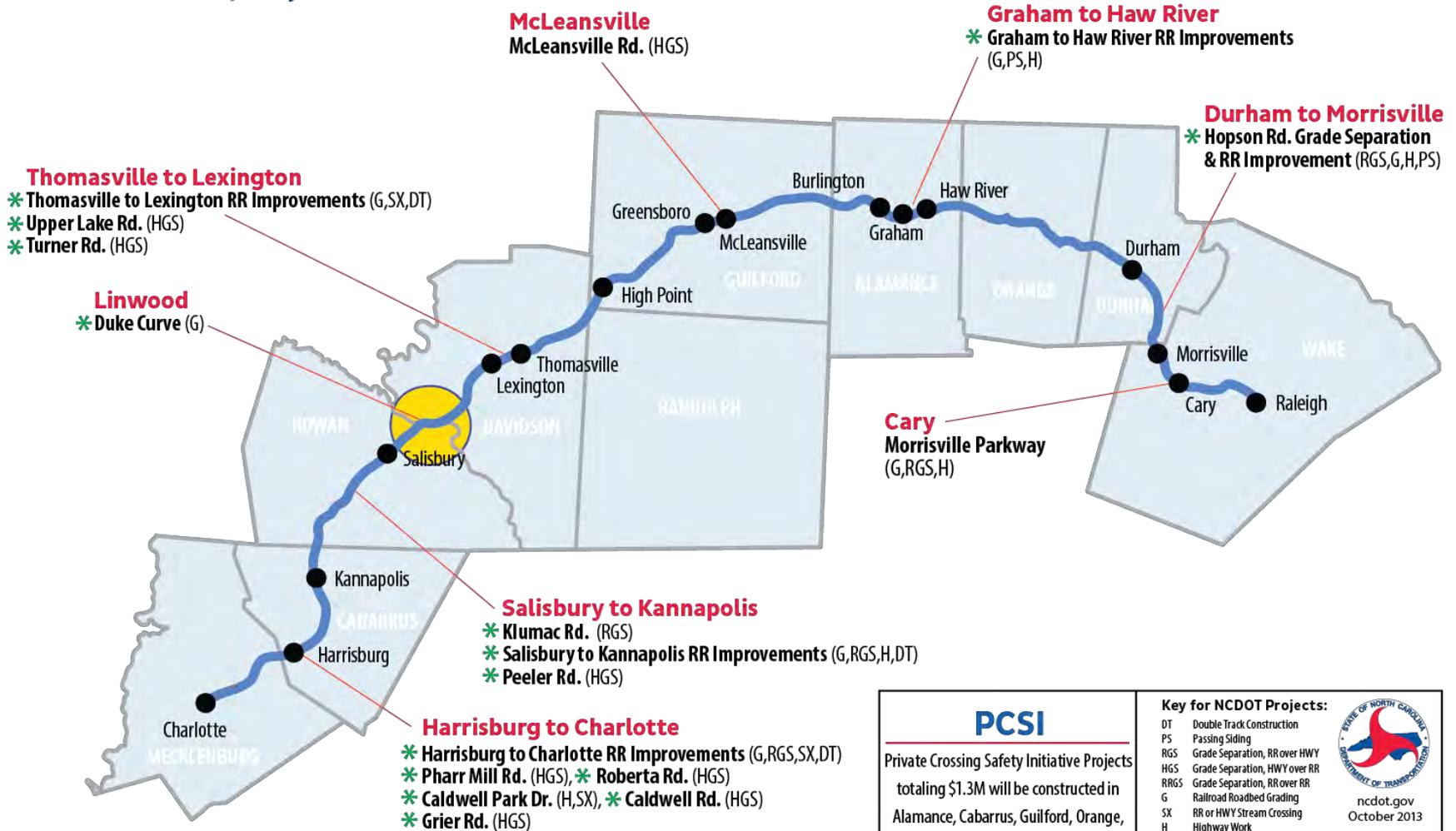


C-4901 Demo-Clearing

01/08/2014



Piedmont Improvement Program Projects



<h2>PCSI</h2> <p>Private Crossing Safety Initiative Projects totaling \$1.3M will be constructed in Alamance, Cabarrus, Guilford, Orange, Rowan & Wake Counties.</p>	<p>Key for NCDOT Projects:</p> <ul style="list-style-type: none"> DT Double Track Construction PS Passing Sliding RGS Grade Separation, RR over HWY HGS Grade Separation, HWY over RR RRGS Grade Separation, RR over RR G Railroad Roadbed Grading SX RR or HWY Stream Crossing H Highway Work <p> ✓ Project Complete ✱ Project Underway </p>	 <p>ncdot.gov October 2013</p>
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I-2304 AE Duke Curve Realignment, Sub ballast





01/07/2014

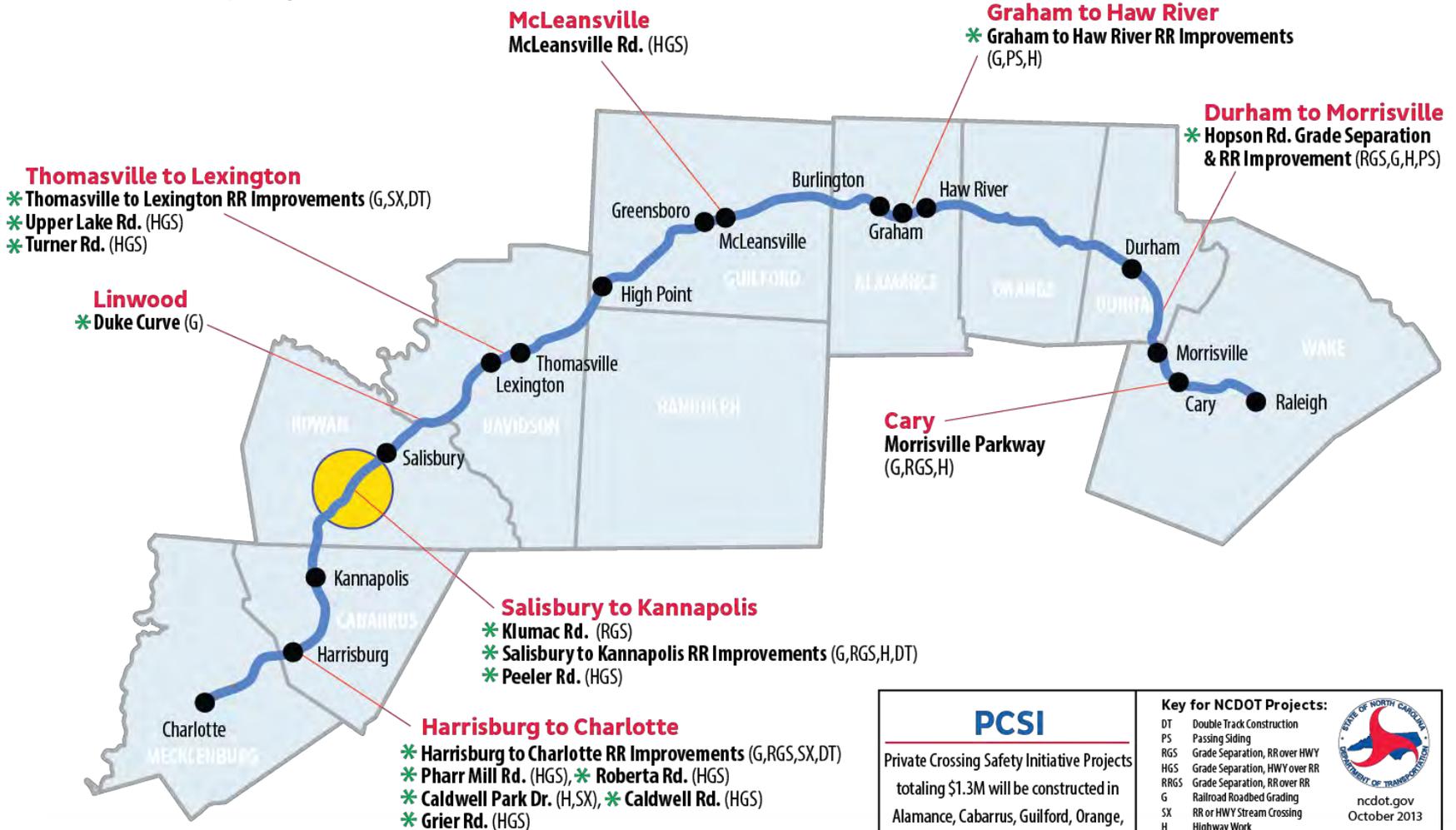
I-2304 AE Duke Curve Realignment, Sub ballast



I-2304 AE Duke Curve Realignment, Sub ballast



Piedmont Improvement Program Projects



PCSI		<p>ncdot.gov October 2013</p>
Private Crossing Safety Initiative Projects totaling \$1.3M will be constructed in Alamance, Cabarrus, Guilford, Orange, Rowan & Wake Counties.		
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✓ Project Complete * Project Underway		



U-3459 Klumac Road Grading

01/07/2014

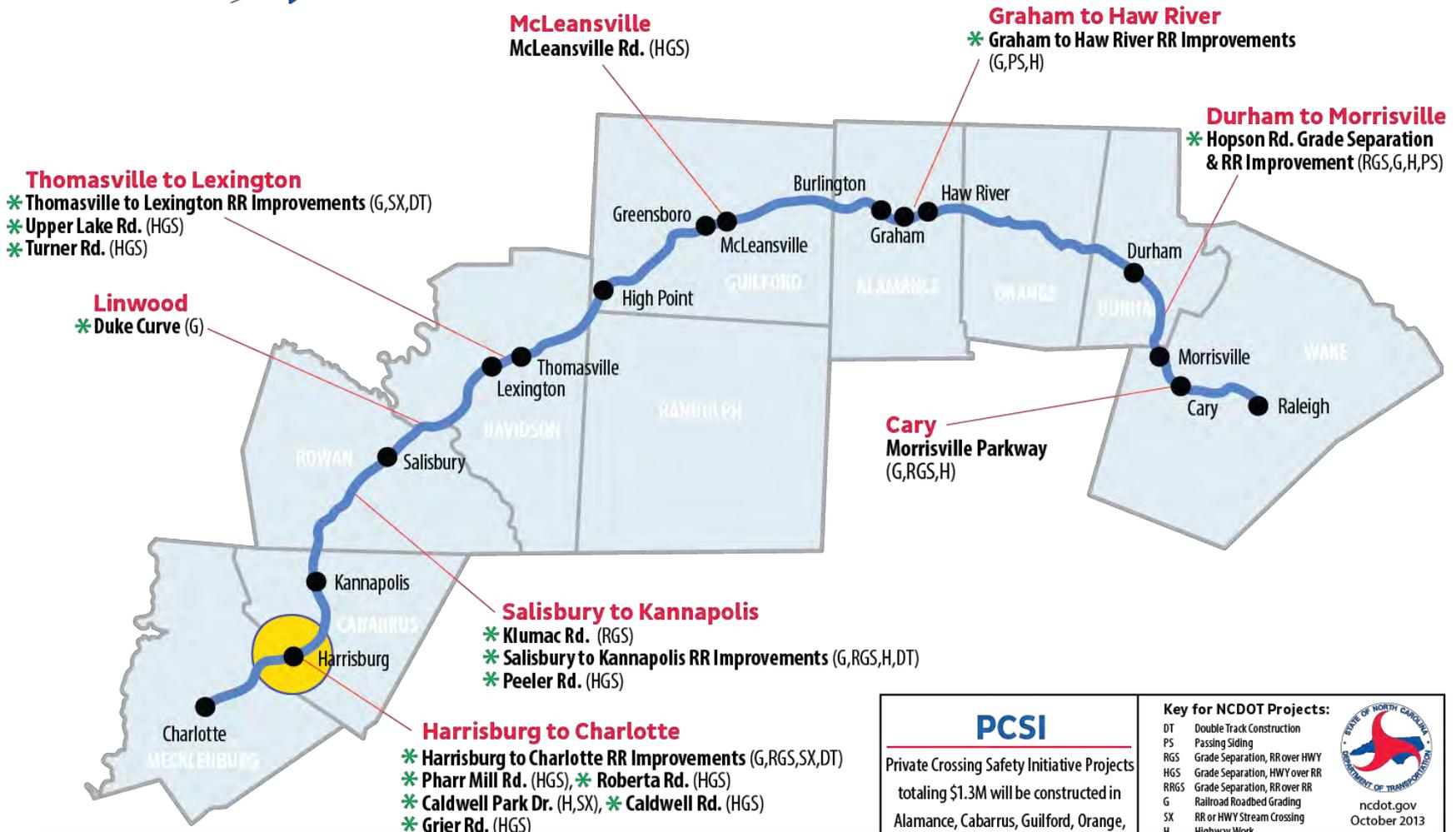


U-3459 Klumac Road Grading

01/07/2014



Piedmont Improvement Program Projects



PCSI

Private Crossing Safety Initiative Projects totaling \$1.3M will be constructed in Alamance, Cabarrus, Guilford, Orange, Rowan & Wake Counties.

Key for NCDOT Projects:

- DT Double Track Construction
- PS Passing Siding
- RGS Grade Separation, RR over HWY
- HGS Grade Separation, HWY over RR
- RHGS Grade Separation, RR over RR
- G Railroad Roadbed Grading
- SX RR or HWY Stream Crossing
- H Highway Work

✓ Project Complete * Project Underway



ncdot.gov
October 2013



12.19.2013 08:57

P-5208 Logging/Clearing



12.19.2013 08:54

P-5208 Logging/Clearing



P-5208 Clearing

12.05.2013 14:19



P-5208 Utilities Work

12 17 2013 11 51

Rail Division Helps Make One Boy's Wish Come True

One young North Carolina boy's Make-A-Wish request to be a train conductor for a day came true on Jan. 15 with a little help from the Piedmont & Northern Railway and the NCDOT Rail Division.



Minutes of the January 8, 2014 Meeting of the Highways Committee

Attendees: Chairman Jake Alexander, David Burns, Jim Palermo, David Brown, Ed Grannis, Jim Crawford, Hugh Overholt, Larry Kernea, Ferrell Blount

Additional attendees: Gus Tulloss

Chairman Alexander called the meeting to order. The minutes of the December 4th meeting were approved with no changes or corrections.

Tom Childrey, State Right of Way Agent, and Burke Haywood of the Attorney General's Office for Transportation, presented the presentation Right of Way, Part II, which focused on condemnation. Debbie Barbour, Director of Preconstruction, presented one slide on the overall project process and where the right of way process fits in. James Stanley of the Attorney General's Office for Transportation discussed the anatomy of a trial.

Chairman Alexander asked if the State takes into account the fact that some projects increase the value of adjacent property. Mr. Haywood explained that the statute requires we take benefits into account, but that this is a hard sale in court. He gave the example of paving a secondary road increasing the value of the surrounding homes.

Delbert Roddenberry, Operations Program Manager, gave a presentation on Road Additions, focusing on when and how a road can be added to the state system. Board Member Overholt asked if NCDOT shouldn't be striving to remove roads from, not add roads to, the system. Chair Alexander asked if we tracked denials. Some Division Engineers in the room estimated that 20-30% of requests might be denied in rural areas, but the urban area denial rate would be lower. Board Member Grannis said that he gets calls from rural constituents about roads not on the state system that are in such bad condition that emergency vehicles would have trouble navigating them. He would like to see some amount of funds be available to bring such roads up to a minimum safe standard even if they are not added to the system.

Terry Gibson, Chief Engineer, presented on Life Cycle Cost Analysis in Pavement Type Selection. The purpose of this presentation was to educate the BOT on the topic of LCCA in advance of an LCCA report due to the NCGA on February 1, 2014. After the presentation, Mr. Gibson called on FHWA representatives and members of the Asphalt and Concrete industries who were present to make comments. Generally, they expressed appreciation for NCDOT's effective efforts to engage the industry in the conversation.

Board Member Palermo asked if pavement selection was job-neutral across the asphalt and concrete industries. There was some discussion on this, but the general sense was that it is job-neutral. Board Member Blount asked if one material was preferred over the other in certain situations. Mr. Gibson responded that while NCDOT can design a pavement that will work with either material, one material might be more cost-effective. Board Member Alexander asked if NCDOT is comfortable with LCCA methodology; Mr. Gibson answered that we are more comfortable after our recent review. Board Member Alexander asked the industries if they thought LCCA was fair to them, and they answered that it is a good engineering decision-making methodology. One industry member said that many contractors can work with either pavement type, and that a two-pavement system where both industries get a fair share of the work is reasonable.

Don Voelker, Director of the Strategic Prioritization Office for Transportation, began his presentation on Prioritization Process, but had to be stopped because the meeting was running over. Mr. Voelker will be first on the agenda of the February meeting to address the Prioritization topic.

Being no further business, the meeting was adjourned at 11:00 AM.

***Highways Meeting
NCDOT Board of Transportation
Meeting Agenda
9:00 AM - 2.05.14 – EIC Room***

AGENDA ITEMS

- I. Call to Order – Chairman Alexander
- II. Approval of January Minutes
- III. Old Business –
- IV. New Business –
 - A. Prioritization – Don Voelker, Director of Strategic Prioritization Office of Transportation
 - B. Traffic Signals – Renee Roach, PE, Mobility and Safety Staff Engineer

Adjourn

Staff Contact: Mike Holder



Strategic Transportation Investments Law - Prioritization Criteria and MPO/RPO Local Input Methodology

Don Voelker

February 5, 2014

Prioritization 3.0 Schedule - 2014

- January 31: Expected release of existing project scores
 - Preliminary (and subject to change) results of nearly 1400 projects
 - MPOs/RPOs/Division Engineers will review and can delete projects if agreed
 - Intersection/interchange projects scores still under review

Prioritization 3.0 Schedule - 2014

- January 31:
 - All project costs still under review
 - New candidate projects not included - will be scored once all are received
 - Complete picture of existing plus new project scores available prior to May start of local input

Prioritization 3.0 Schedule - 2014

- Mid-January- Mid-February: Separate public meetings held by each MPO, RPO and Division Engineer to solicit new projects
- By February 24: New candidate projects entered into database

Prioritization 3.0 Schedule - 2014

- March- May: All projects reviewed for eligibility and scored
- May: Project scores released and ready for local input
- May- July: Public meetings seek input to high priority projects

Prioritization 3.0 Schedule - 2014

- End July: Local input points assigned
- September - All final project scores available. Draft STIP available for public comment.

Implementation Of MPO/RPO Local Input Methodology – S.L. 2012-84

“The Department shall develop and utilize a process for selection of transportation projects that is based on professional standards in order to most efficiently use limited resources to benefit all citizens of the State.

The strategic prioritization process should be a systematic, data-driven process that includes a combination of quantitative data, qualitative input, and multimodal characteristics, and should include local input.

The Department shall develop a process for standardizing or approving local methodology used in Metropolitan Planning Organization and Rural Transportation Planning Organization prioritization.”

- S.L. 2012-84

MPO/RPO Local Input Methodology

- SPOT coordinated “principles/tenets” with P3.0 Workgroup
- Outlined in Jim Trogdon’s October 15, 2013 letter to each MPO/RPO
- 5 member internal committee providing conditional authorization to proceed
- Final approval to be given by May 1

Basic Tenets/Principles

- One quantitative and one qualitative criteria
- Scoring methodology understandable to the public
- Preliminary point assignment guided by a scoring methodology.
- Public comment period/review of preliminary point assignment
- Final point assignment guided by public comment/review
- Any changes to point assignments clearly articulated for public consumption and posted on websites

Current Status of Local Input Methodologies

- 25 Submissions (of 38 MPOs/RPOs) have been received
- 11 have been given conditional authorization to proceed – next slide
- “Conditional authorization” - submission meets basic tenets/principles and continue public input process and finalize
- Final approval action yet to be taken

Conditional Authorization Provided

- **MPO's:**

- Burlington- Graham
- Cabarrus Rowan
- Gaston-Cleveland-Lincoln
- Greenville
- Rocky Mount
- Wilmington

- **RPO's:**

- Albemarle
- Mid-Carolina
- Rocky River
- Southwestern
- Triangle J

North Carolina

DEPARTMENT OF TRANSPORTATION

Traffic Signals Are So Much More Than A Stop Light

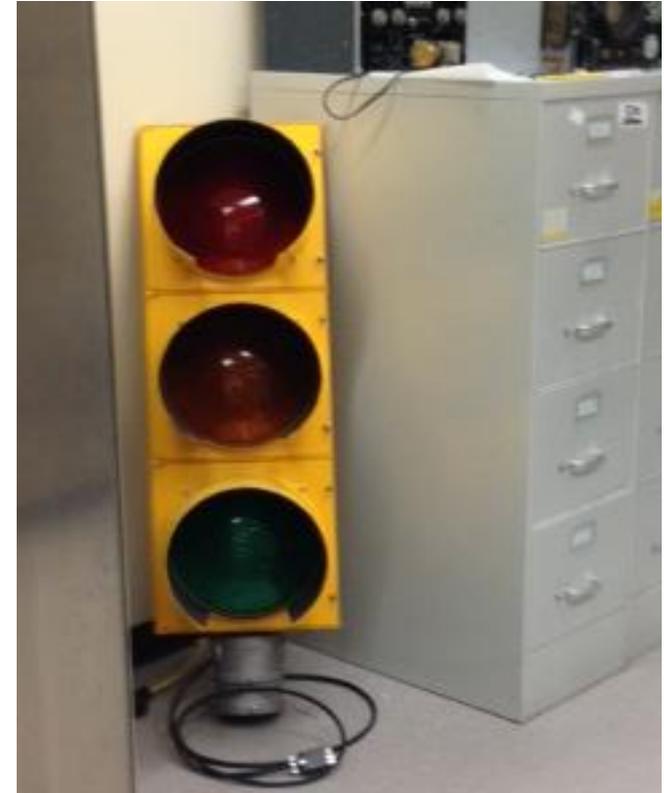


Renee B. Roach, PE
Transportation Mobility & Safety Division Staff Engineer

February 5, 2014

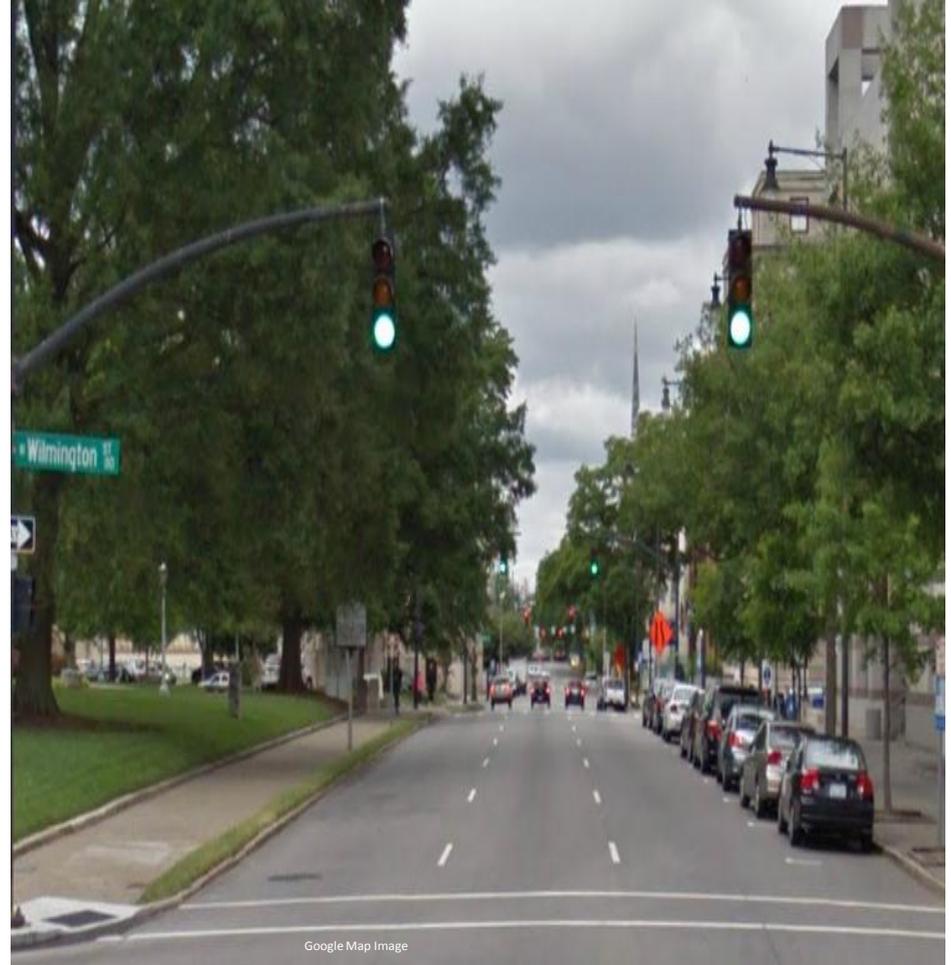
Introduction to Traffic Signals

- Purpose of Traffic Signals
- Disadvantages of Signals
- Signal Warrants
- Types of Signal Indication, Phasing, Detection
- Signal System
- Preemption
- Red Light Running Prevention



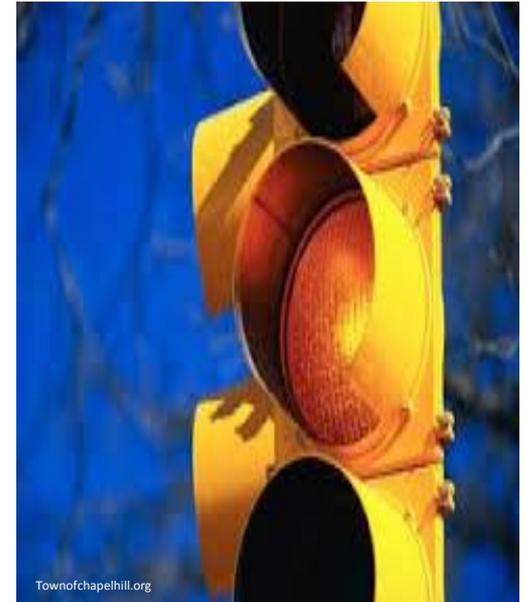
NCDOT Signal System

- ~9,000 Signalized Intersections
- ~300 Coordinated systems
- 20 Metropolitan Signal Systems



Purpose of Traffic Signals

- Assign Right-of-way
- Move Traffic
- Minimize Delay
- Reduce Crash-producing conflicts
- Maximize Capacity



Disadvantages of Signals



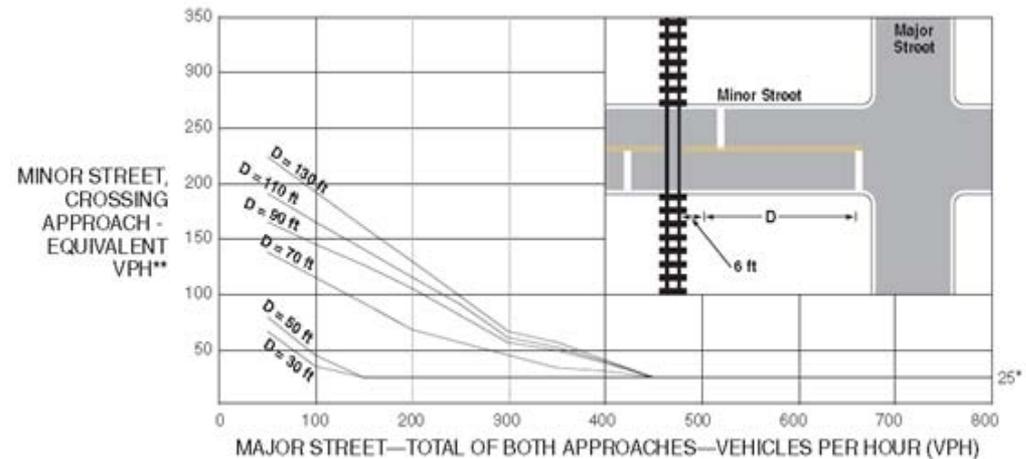
- Excessive delay
- Abuse of signal (Running Red)
- Increased use of less adequate routes
- Increase in frequency of crashes
- Cost- 50K- 200K to install
- Annual cost 1K- 5K

Will this intersection operate better with or without a traffic signal?

Signal Warrants

1. 8 Hour Volume
2. 4 Hour Volume
3. Peak Hour Volume
4. Ped Volume
5. School Crossing
6. Signal System
7. Crash
8. Roadway Network
9. Intersection near a Grade Crossing

Figure 4C-9. Warrant 9, Intersection Near a Grade Crossing (One Approach Lane at the Track Crossing)

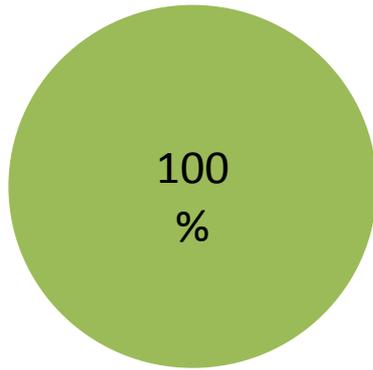


* 25 vph applies as the lower threshold volume

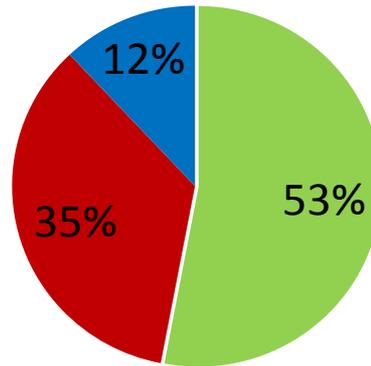
** VPH after applying the adjustment factors in Tables 4C-2, 4C-3, and/or 4C-4, if appropriate

Traffic Signal Phasing

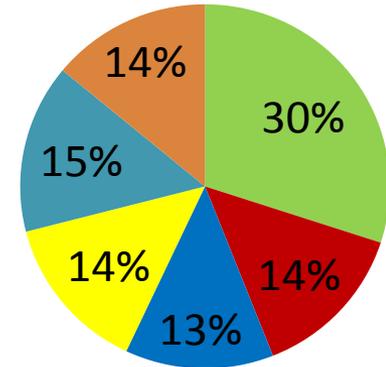
No Signal



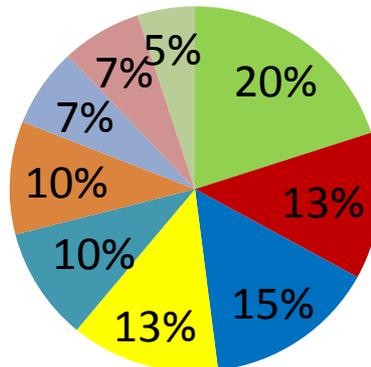
2-Phase 90 Sec cycle



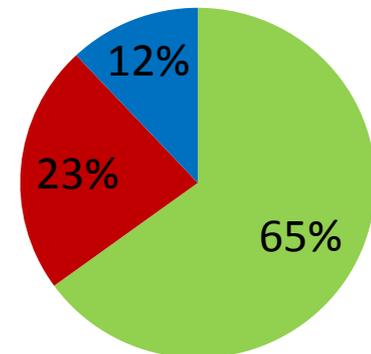
5-Phase 120 Sec cycle



8-Phase 120 Sec cycle



2-Phase Superstreet



- ML Green
- Side
- Clearance

Permitted Only



Protected/Permitted



Flashing Yellow Traffic Signal Head



Traffic Signal Detection



Loops

Microwave



Video



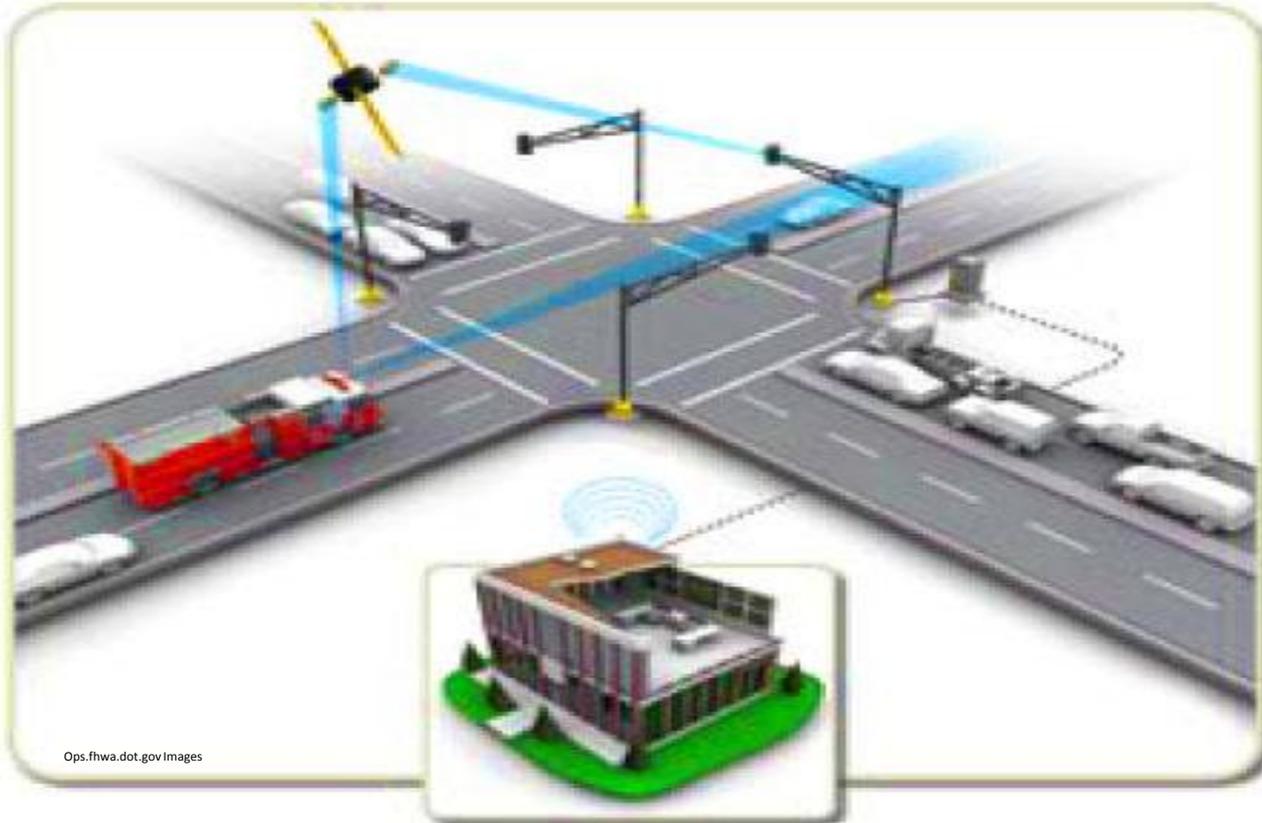
Wireless

Coordinated Traffic Signal System

- DOT Operated
- City Wide System



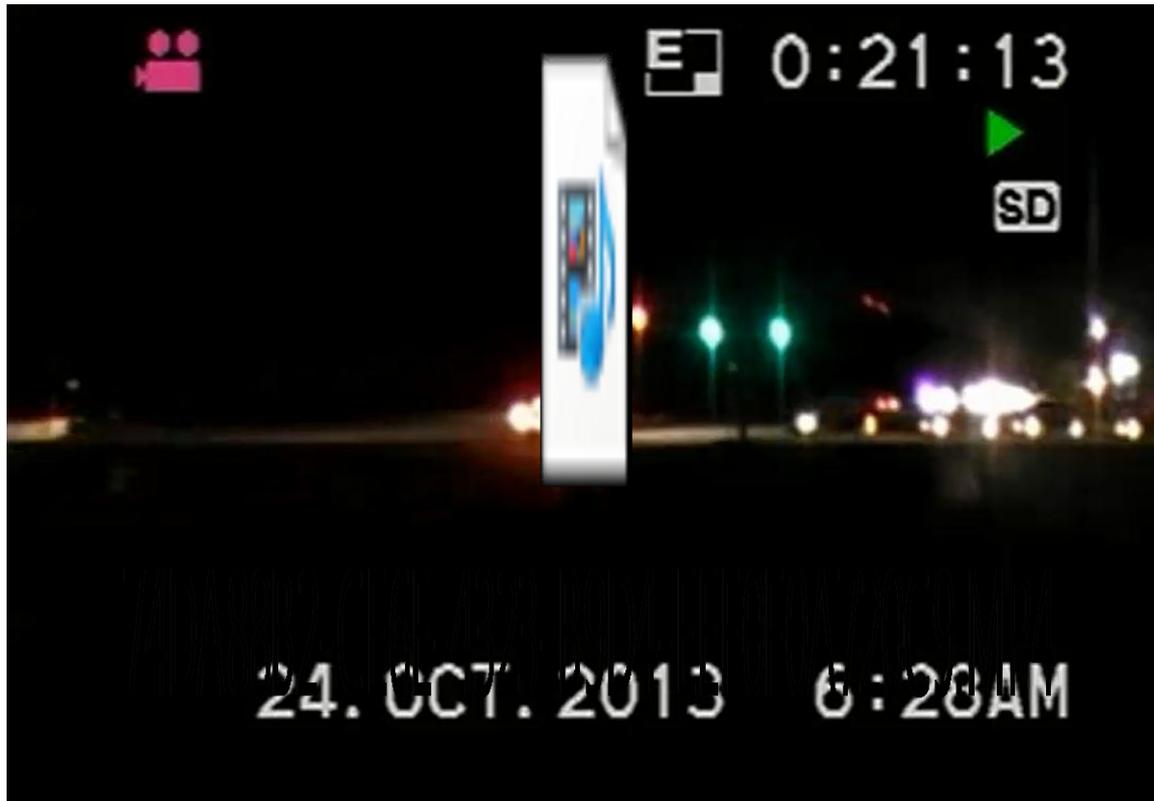
Preemption



Everyone Stops for Red....Not

Dynamic Red Extension

Be Prepared to Stop



**As you can see, Traffic Signals Are
So Much More Than A **Stop** Light.**

Questions?



Renee B. Roach, PE
Transportation Mobility and Safety Division
Staff Engineer

Board of Transportation Minutes

Economic Development & Intergovernmental Relations
Room 150, Transportation Building
1 S. Wilmington St
Raleigh, NC 27601
January 8, 2014
1:00pm – 3:00pm

Board Members in Attendance: Mike Smith, Hugh Overholt, Ferrell Blount, Michael Lee, Jake Alexander, John Collett, Lou Wetmore

Others in Attendance: Jed McMillan, Jeff Debellis, Tony Almeida, Pat Mitchell, Susan Fleetwood, Hugh Johnson, Anna Cameron, Amy Simes, Janet Chilcott, Sebastian Montagne, Laura Blair, Jeff Miles, Rudy Lupton, Pat Ivey, Ed Green, Susan Pullium, Kate Asquith

Mike Smith Called the meeting to order. Meeting started at 1:00pm

Tony Almeida from the Office of the Governor of North Carolina introduced Dr. Pat Mitchell, Susan Fleetwood and Jeff Debellis from the North Carolina Department of Commerce (NC DOC) to update the Board on current initiatives and to present possible planning tools. Jeff Debellis presented a rough draft of a methodology that focused on visually depicting how well each county in North Carolina connects with neighboring counties in and out of the State in terms of commuting. The result of the first draft of the Labor & Economic Analysis Division (LEAD) findings illustrated connections on a sliding scale of connectivity between each county, regardless of State boundaries. In addition, the draft proposal showed some correlations to the NC DOC's administrative Prosperity Zones. Discussion emerged as to the finding of the draft analysis and how to improve the methodology for use as a strategic planning tool.

Mr. Almeida then introduced Susan Fleetwood to discuss job recruitment and megasites status in North Carolina. Megasites in North Carolina, such as those in Randolph and Chatham County offer a large job creation potential. Improvements to the infrastructure in and around these sites offer a more attractive incentive to businesses looking to relocate to North Carolina. Particularly, interstates close to future sites rank highest among business developers, followed by four lane freeways and expressways. Discussion arose as to what NC DOT can do to improve the attractiveness of these sites to business developers with NC BOT members agreeing that future infrastructure plans should take megasites into consideration. Additionally, Board members discussed the viability of bringing auto manufacturers to the State and Jed McMillan gave feedback to the Board on his experience on the matter.

Next, Dr. Pat Mitchell informed the Board efforts by NC DOC to improve the economic competitiveness in rural areas in the State. She, along with board members, spoke about the importance of infrastructure and incentive packages, such as TIF (Tax Incentive Financing) and that they are key tools to bring in more jobs to rural areas.

Michael Lee then introduced Jeff Miles (Acting Executive Director of the North Carolina Ports), Rudy Lupton (NC DOT Director of Logistics), Janet Chilcott (NC Ports, Director, Finance) and Laura Blair (NC Ports, Senior Director, External Affairs). Laura gave an update to the Board on the state of the North Carolina Ports, complete with market analysis and branding strategy. After the presentation, the Board asked what the Ports will be and what they will not be in the future. Jeff Miles stated that the Ports would be focusing on niche markets. They will do this by fully utilizing current assets to best serve surrounding communities and adapt to industry trends in international shipping. The Board also raised questions on how the Ports will utilize the Global TransPark in the future and the lack of competitive rail in the region. Staff members of NC DOT said they would address those questions at a future meeting.

Meeting was called to adjourn by Michael Lee and seconded by Hugh Overholt. Motion passed.

Meeting was adjourned at 3:05pm

North Carolina Board of Transportation
Economic Development & Intergovernmental Relations Committee
February 5, 2014 – Room 150

Purpose: The Economic Development and Intergovernmental Relations Committee will:

- Foster collaboration and relationships with military partners, legislative leaders, and state agencies (such as DENR, Commerce, and Agriculture) to increase BOT understanding of the impact of other groups’ goals and actions on our priority to connect people, products and services that provide NC the infrastructure needed to be the economic super hub of the southeast.
- Provide oversight and policy guidance in development of and updates to the Statewide Multimodal Transportation Plan (STP); direct the implementation of the STP through policy recommendations to the Board; review implementation items from the STP; and provide policy oversight in the identification and visioning of strategic corridors.
- Review and provide guidance for the development of strategic visions that guide DOT investment and operations plans.
- Review proposals for the reorganization of DMV and the customer service initiatives included in that effort. Evaluate capital planning for the DOT’s non-transportation related infrastructure, including DMV and other office and maintenance facilities.
- Evaluate the effectiveness of the various economic development promoting grant programs carried out by NCDOT at the division level.

Goals: By the end of the session, members will have:

- Had an opportunity to learn more about activities in the North Carolina’s military agencies and identify potential avenues for partnership in promoting economic development initiatives related to military communities

Agenda:

What	How	Who	When
Call to order and approval of meeting notes		Mike Smith, Chair	1:00-1:05
Economic Development & Intergovernmental Relations Military	Presentation/ Discussion	Hugh Overholt, Vice Chair <ul style="list-style-type: none"> • Senator Harry Brown • Cornell Wilson, Governor’s Military Affairs Advisor • Mabry “Bud” Martin & Elmore Criswell, North Carolina Military Affairs Commission • North Carolina Military Foundation 	1:05-2:55
Closure	Next steps Announcements	Mike Smith, Chair	2:55-3:00

Next Meeting: March 5, 2014 (1:00-3:00 pm)

Minutes
North Carolina Board of Transportation
Funding and Appropriations Strategies Committee
January 8, 2014

Committee Attendance:

Cheryl McQueary, Chair	James R. Palermo
Jim Crawford, Co-Chair	John D. Lennon
David Brown	Malcom K. Fearing
David Burns	Andrew M. Perkins, Jr.
Gus Tulloss	Mark L. Foster, Committee Staff

Chairman McQueary opened the meeting by reviewing the agenda and presenting the December minutes for approval. Mr. Palermo moved to approve the minutes as presented which was seconded by Mr. Burns and approved unanimously.

Chairman McQueary made a recap of the information presented at the December 2013 meeting. Mark Foster gave a short introduction of the follow-up work done by KPMG requested by the committee at the last meeting .

Jim Ray along with Michael Cowan of KPMG provided a recapitulation of the previous month's presentation. Chairman McQueary asked if the \$ per impression on sponsorships are affected by economic conditions. Jim Ray responded that the \$ per impression used in the analysis provided were the latest available but the rate is determined more by the magnitude of impressions and not as much economic conditions. Mr. Malcom asked what are the rate of return on real estate and the value of NCDOT's right-of-way. Jim Ray responded with a figure of 4 to 5% pre-recessionary rate and 2 to 3% post-recessionary rate. Mark Foster added the depreciated right-of-way value was about \$40 billion.

After a 10 minute recess there was a lengthy conversation about the detail information requested at the previous meeting. Mr. Lennon asked if other states have or are having this type of conversation and if the implementation has been done over time. Jim Ray responded that not many states have initiated these types of conversations and that yes, implementation would have to occur over time due to some of the issues that would have to be resolved.

There was a general consensus reached to have an evaluation matrix presented at the February meeting for committee consideration followed by a recommendation to the Board of Transportation. There being no further business, the meeting was adjourned at 3:00 PM.

Agenda
North Carolina Board of Transportation
Funding & Appropriations Strategies Committee (FAST)
Wednesday – February 5, 2014
1:00 PM - Meeting Location: EIC

1	Call to Order; Approval of January meeting notes	Cheryl L. McQueary, Chair
2	Financial Update (2nd Quarter)	Mark Foster
3	Asset Management Scan – Decision Matrix	Mark Foster
4	Comments and Wrap-up	Cheryl L. McQueary, Chair

NCDOT Asset Scan Program – Addendum 2 (December 4, 2013)



**NC Board of Transportation Funding and
Appropriation Strategy Committee**

February 5, 2014

Committee meeting update

- At the December 4, 2013 meeting KPMG and the Department presented an overview of the Asset Scan Program:
 - The Asset Scan program was initiated in July 2012.
 - Over fifty (50) assets were identified as part of the long list of opportunities.
 - Initially, twenty (20) opportunities moved through various stages of the Phase 1 scan process:
 - Of these, twelve (12) opportunities exceed \$1m or more.
 - Identified and continued to monitor opportunities for readiness to advance through Phase 1:
 - Managed Lanes; Tolling Operations; Asset Management; Ports and Alternative Project Delivery.
 - Since July 2013, NCDOT has advanced eight (8) opportunities to Phase 2:
 - Residue and Surplus Property (includes Encroachments); Telecommunications (Cell Infrastructure); Facilities; Fleet Management; Ferry Shipyard; Renewable Energy (Solar); Rail and Managed lanes (e.g., I-485 and I-40/440).
- At the January 8, 2014 meeting KPMG and the Department presented an overview of key findings related to state legislation and business process hurdles.
- The committee requested a summary of the asset scan opportunities in a matrix format for the committee's discussion and decision making during the February 2014 meeting.
- **This document presents a current assessment of the implementation readiness for each asset opportunity and recommended actions for the Committee's consideration.**

Of the twenty* (20) opportunities analyzed to date, twelve or more exceed \$1 million

#	Asset	Opportunity Type ¹	Meets or Exceeds \$1m	Approximate Cost Savings/ revenue Opportunities	Potential Constraints	
					Business Process	Legislation
1	Surplus Land Disposition	CS / RG	Yes	\$28 million total book asset value	●	●
2	Encroachments ²	CS / RG	Yes	\$15 million - \$39 million per year	●	●
3	Traffic Management Centers	CS	Yes	\$3 million per year	●	
4	511	RG	Yes	\$1 million - \$2 million per year	●	
5	Ferry Operations and Maintenance	CS / RG	Yes	\$8 million per year	●	
6	IMAP Vehicle Sponsorship	RG	Yes	\$800,000 - \$2.2 million per year	●	
7	Rail	CS/ RG	Yes	\$1.1 million per year	●	
8	Ferry Shipyard	CS / RG	Yes	\$500,000 - \$1 million per year	●	●
9	Solar/ Renewable Energy	RG	Yes	\$1 million net present value	●	●
10	Telecommunications/ Cell Towers ²	RG	Yes	\$5 million - \$11 million per year	●	●
11	Billboards ²	RG		TBD (\$2,000 -\$25,000 per location per year)	●	●
12	I-5110 and Taxiway (PTI)	RG		TBD (accelerated project delivery and whole life costing)	n/a	
13	Ferry Revenue	RG		\$82,000 - \$145,000 per year	●	
14	Highway Lighting	CS		\$50,000 - \$100,000 per year	●	
15	Fleet Management	CS	Yes	\$14 to \$35 million per year \$35 to \$36.7 million one-time revenue from disposition	●	
16	Facilities Management	CS		TBD (additional data needed)	●	
17	Dredging Operations	CS	Yes	\$550,000 to \$830,000 per year \$7 million in one-time cost savings	●	
18	Fuel	CS		TBD (less than \$1 million)	●	
19	Highly Reflective Sign Sheeting	CS		TBD (less than \$1 million)	●	
20	Rest Areas	CS/ RG		TBD (further analysis required)	●	
Total Opportunities (Assets 1-9, 12-20)				\$115 million - \$165 million		
Total Recurring (Assets 2-8, 15, 17)³				\$43 million - \$91 million per year		

¹Opportunity type may result in cost savings and/or revenue generation.

²Encroachments include revenues from cell towers, billboards and utilities.

* Five (5) assets have been added

Implementation readiness and recommended actions for initial twenty (20) assets – Decision Matrix

#	Asset	Term to Realize Benefits ¹	Level of Complexity ²	Overall Implementation Readiness	Recommended for Implementation	Recommended for Legislative Authority
1	511	Short	Low		Yes	
2	IMAP Vehicle Sponsorship	Short	Low		Yes	
3	Billboards	Short	Low		No	
4	Rest Areas	Short	Low		Yes	
5	Ferry Revenue	Short	Low		Yes	
6	Fleet Management	Short / Medium	Low		Yes	
7	Facilities Management	Short / Medium	Low / Medium		Yes	
8	Dredging Operations	Short / Medium	Medium		Yes	
9	Ferry Operations and Maintenance	Short / Medium	Medium		Yes	
10	Traffic Management Centers	Medium	Medium		Yes	
11	Rail	Medium	Medium		Yes	
12	Surplus Land Disposition	Short / Medium	Medium / High		Yes	Yes
13	Encroachments	Short / Medium	Medium / High		Yes	Yes
14	Ferry Shipyard	Medium	Medium / High		Yes	Yes
15	Solar/ Renewable Energy	Medium	Medium / High		Yes	Yes
16	Telecommunications / Cell Towers	Short / Medium	Medium / High		Yes	Yes
17	I-5110 and Taxiway (PTI)	Long	Medium / High	n/a	n/a	n/a
18	Highway Lighting	Short	Low	n/a	n/a	n/a
19	Fuel	n/a	n/a	n/a	n/a	n/a
20	Highly Reflective Sign Sheeting	Short	Low	n/a	n/a	n/a

Overall Implementation Readiness Summary

- = 7 projects are the most ready for implementation.
- = 4 projects are ready for implementation but require additional analysis.
- = 5 projects are not yet ready for implementation and required further analysis and/or legislative authority.
- n/a = 4 projects identified did not present highly marketable opportunities given NCDOT's progress and current market conditions.

¹ Term to Realize Benefits reflects the approximate timeline for pre-procurement (e.g., resolve business process or legislative constraints), procurement and implementation stages. "Short" represents less than 1 year; "Medium" represents 1 to 3 years; and "Long" represents more than 3 years to realize benefits.

² Level of Complexity represents a qualitative assessment of potential obstacles to implementation for NCDOT, and is based on precedents in the marketplace. The assessment measures of High, Med or Low are informed by factors including operational challenges, market interest, constituent and agency acceptability, timing, readiness and legislative hurdles.

Five (5) additional assets in screening process with potential to exceed \$1 million

#	Asset	Opportunity Type ¹	Meets or Exceeds \$1m	Approximate Cost Savings/ revenue Opportunities	Potential Constraints	
					Business Process	Legislation
1	Managed lanes	RG	Yes	TBD (anticipated greater than \$1m)	●	
2	Tolling operations	CS/ RG	Yes	TBD (anticipated greater than \$1m)	●	
3	Asset management	CS	Yes	TBD (anticipated greater than \$1m)	●	
4	Alternative project delivery	CS/RG	Yes	TBD	TBD	TBD
5	Ports	CS/ RG	Yes	TBD	TBD	TBD

¹Opportunity type may result in cost savings and/or revenue generation.

Implementation readiness and recommended actions for five (5) additional assets – Decision Matrix

#	Asset	Term to Realize Benefits ¹	Level of Complexity ²	Overall Implementation Readiness	Recommended for Implementation	Recommended for Legislative Authority
1	Asset management	Long	Medium/ High		Y	TBD
2	Tolling operations	Medium	Medium		TBD	TBD
3	Managed lanes	Medium/ Long	Medium/ High		TBD	TBD
4	Alternative project delivery	TBD	TBD	TBD	TBD	TBD
5	Ports	TBD	TBD	TBD	TBD	TBD

Overall Implementation Readiness Summary



= 1 project is ready for implementation with minimal analysis.



= 2 projects are not yet ready for implementation and required further analysis and/or legislative authority.

TBD = 2 projects identified are in the early stages and marketable opportunities are under analysis. Results are anticipated in 2-6 months.

¹ "Short" represents less than 1 year; "Medium" represents 1 to 3 years; and "Long" represents more than 3 years to realize benefits.

²Level of Complexity represents a qualitative assessment of potential obstacles to implementation for NCDOT, and is based on precedents in the marketplace. The assessment measures of High, Med or Low are informed by factors including financial justification, operational and implementation challenges, constituent and agency acceptability, timing, readiness and legislative hurdles.



Financial Update

Mark Foster, Chief Financial Officer
February 5, 2014

Financial Update

SFYTD 2014 as compared SFYTD 2013

Dollars in Millions	<u>December 13</u>	<u>December 12</u>	<u>Year to Date</u>		
			<u>December 13</u>	<u>December 12</u>	<u>% Change</u>
Revenue Collections	\$ 350	\$ 337	\$ 2,308	\$ 2,268	1.8%
Expenditures	<u>410</u>	<u>387</u>	<u>2,427</u>	<u>2,439</u>	-0.5%
Net Change	\$ (60)	\$ (50)	\$ (119)	\$ (171)	
	<u>December 13</u>	<u>December 12</u>			
Cash Balances:					
Trust Fund	\$ 763	\$ 505			
Highway Fund*	<u>172</u>	<u>353</u>			
Totals	<u>\$ 935</u>	<u>\$ 858</u>			

*Excludes bond proceeds held by Trustee

Revenue Summary December 2013

(\$ in Millions)

	December 2013	December 2012	Year Over Year				SFY to Budget		
			2013-2014 Actual	2012-2013 Actual	\$	%	Budget to Date	\$	%
State & Federal Receipts:									
Highway Fund *	\$ 161.3	\$ 152.5	\$ 1,005.7	\$ 973.7	\$ 32.0	3%	\$ 980.0	\$ 25.7	3%
Highway Trust Fund *	91.1	83.4	579.4	548.0	31.4	6%	540.9	38.5	7%
Federal Funds/Participation	83.7	72.9	593.8	589.3	4.5	1%	589.3	4.6	1%
Total	\$ 336.1	\$ 308.8	\$ 2,178.9	\$ 2,111.0	\$ 67.9	3%	\$ 2,110.2	\$ 68.8	3%
GARVEE/NCTA/ARRA:									
GARVEE Reimbursement-Trustee	\$ -	\$ 9.2	\$ 40.5	\$ 39.2					
GARVEE Reimbursement-FHWA	-	-	13.4	14.5					
NCTA Bond Proceeds/TIFIA	4.4	8.1	18.3	64.0					
NCTA Toll Revenues	1.4	0.6	8.6	3.1					
Federal Funds - ARRA	8.0	10.5	48.0	35.9					
Total	\$ 13.8	\$ 28.4	\$ 128.8	\$ 156.7					
Total Receipts	\$ 349.9	\$ 337.2	\$ 2,307.7	\$ 2,267.7	\$ 40.0	2%			

* Memo	December 2013	December 2012	Year Over Year				SFY to Budget		
			2013-2014 Actual	2012-2013 Actual	\$	%	Budget to Date	\$	%
Highway Fund & Trust Fund Details									
Motor Fuel Taxes	\$ 159.5	\$ 152.5	\$ 969.6	\$ 956.9	\$ 12.7	1%	\$ 931.1	\$ 38.5	4%
Highway Use Tax	44.0	38.8	288.6	263.3	25.3	10%	261.2	27.4	10%
DMV/Other Revenue	48.5	44.2	324.9	299.5	25.4	8%	328.6	(3.7)	-1%
Investment Income	0.4	0.4	2.0	2.0	-	0%	2.4	(0.4)	-17%
Total	\$ 252.4	\$ 235.9	\$ 1,585.1	\$ 1,521.7	\$ 63.4	4%	\$ 1,523.3	\$ 61.8	4%

Expenditure Summary December 2013

(\$ in millions)

	December 2013	December 2012	Year Over Year				SFY to Budget		
			2013-2014 Actual	2012-2013 Actual	\$	%	2013-2014 Budget	\$	%
State & Federal Funded Programs:									
Construction *	\$ 191.5	\$ 190.0	\$ 1,082.4	\$ 1,045.8	\$ 36.6	3%	\$ 1,003.3	\$ 79.1	8%
Maintenance	69.3	65.9	660.4	609.0	51.4	8%	600.4	60.0	10%
Public Transportation	2.5	3.8	58.9	35.3	23.6	67%	42.3	16.6	39%
Other Modal/Other Programs	16.2	9.0	75.4	59.3	16.1	27%	55.4	20.0	36%
Administration	20.6	16.7	107.1	114.0	(6.9)	-6%	144.0	(36.9)	-26%
Municipal Aid	72.8	71.4	145.6	142.8	2.8	NA	145.6	-	NA
Transfers to Other Agencies	1.9	1.9	123.4	138.1	(14.7)	NA	124.2	(0.8)	NA
Totals	\$ 374.9	\$ 358.7	\$ 2,253.1	\$ 2,144.3	\$ 108.8	5%	\$ 2,115.0	\$ 138.1	7%
GARVEE/NCTA/Special Initiatives:									
NCTA Construction	14.2	11.3	24.9	77.4					
NCTA Financing Costs	-	-	47.7	51.5					
GARVEE Bond Expenditures	-	1.6	10.2	91.7					
Debt Service (GO & GARVEE)	0.9	-	21.4	21.6					
Ecosystem Enhancement Project	9.8	6.5	15.2	10.5					
FEMA	3.7	-	8.5	0.6					
ARRA- Rail	6.9	2.4	40.0	13.0					
ARRA - Highway Infrastructure/Public Transit	0.0	6.0	6.4	26.7					
SB 1005 Pavement/Public Transportation	0.0	-	-	0.3					
Moving Ahead	(0.2)	-	(0.2)	1.0					
Totals	\$ 35.3	\$ 27.8	\$ 174.2	\$ 294.3					
Total Expenditures	\$ 410.2	\$ 386.5	\$ 2,427.3	\$ 2,438.6	\$ (11.3)	0%			

* See GARVEE bond expenditures below.

Year to Date Operations

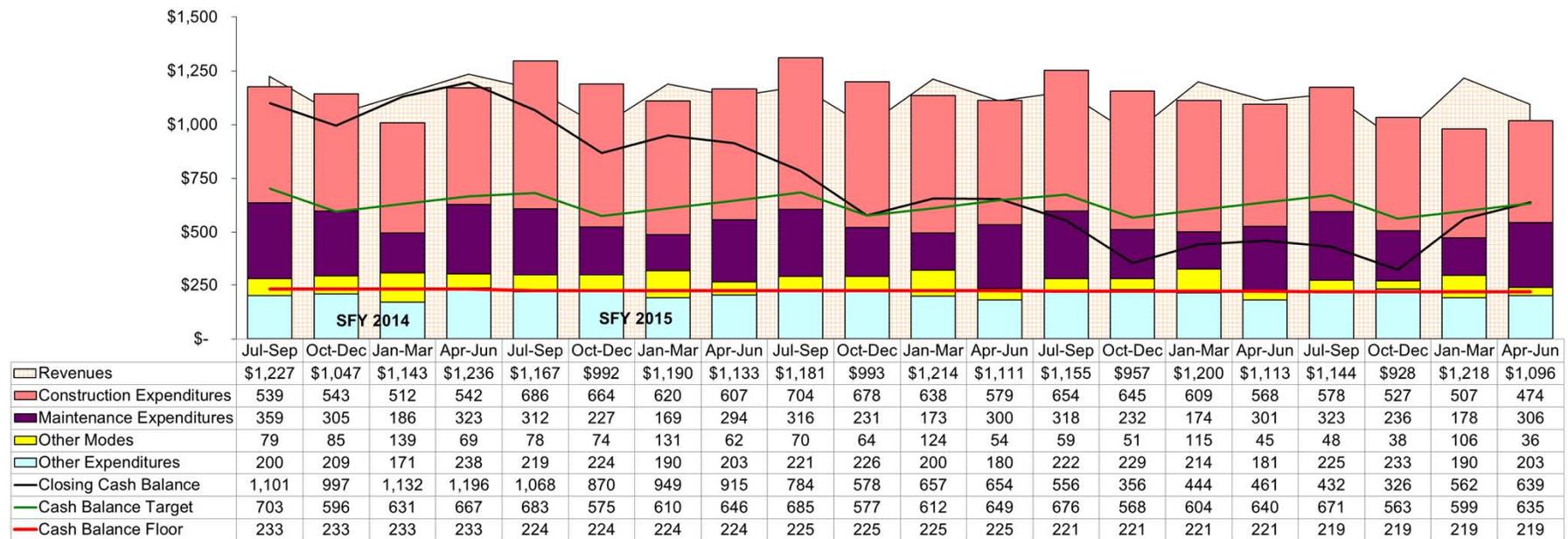
Change in Cash YTD as of December 31, 2013

Operating Cash Inflows	\$ <u>2,308</u>
State & Federal Funded Programs	\$ 2,253
GARVEE/NCTA/Special Initiatives	<u>174</u>
Operating Cash Outflows	\$ <u>2,427</u>
 Net Change on Operating Cash	 \$ <u><u>(119)</u></u>

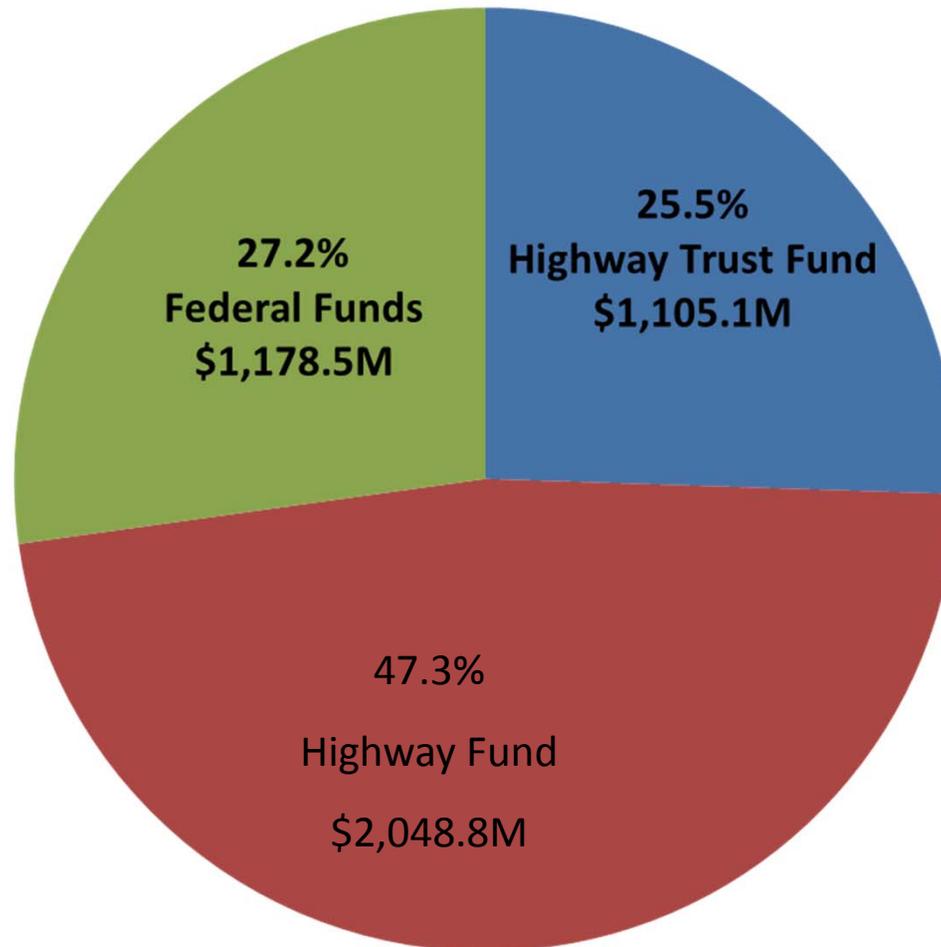
(\$ in Millions)

60 Month Cash Model

Projections as of December 2013



NCDOT Sources of Funds 2013-14 by Major Funding Source Total Funding = \$4.3 Billion

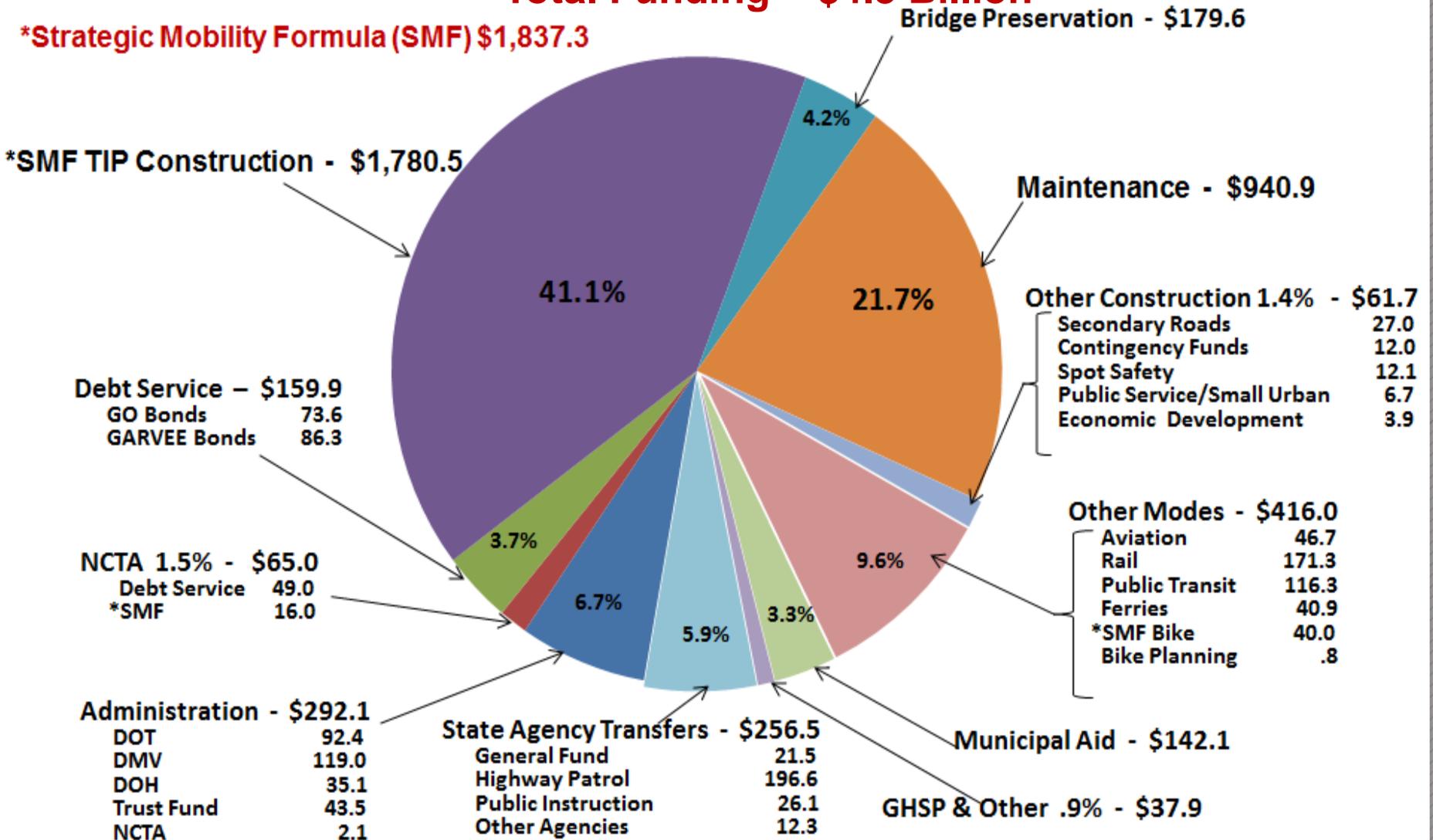


(Excludes Receipt Supported Funding of \$0.1B)

Uses of 2013-14 NCDOT Appropriations Total Funding = \$4.3 Billion

***Strategic Mobility Formula (SMF) \$1,837.3**

***SMF TIP Construction - \$1,780.5**

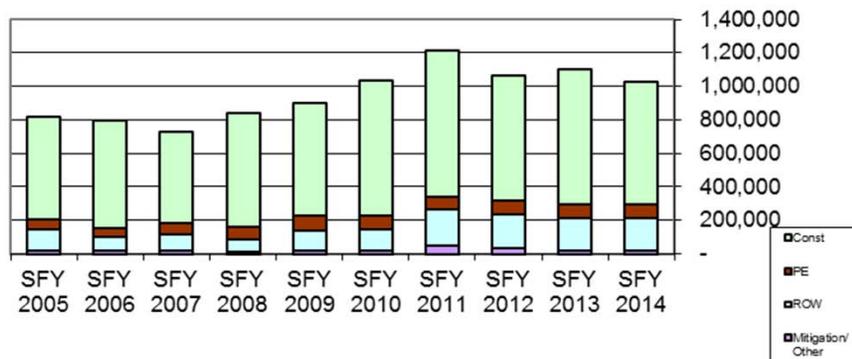


(Excludes Receipt Supported Funding of \$0.1B)

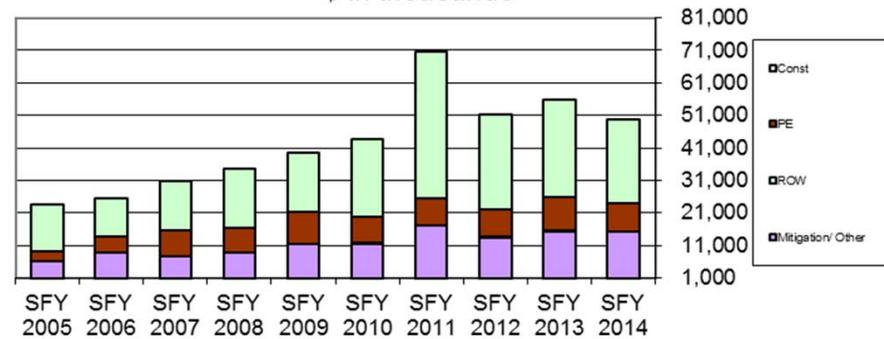
Total YTD - December TIP	PE		ROW		Const		Mitigation/ Other		Totals	
	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year	Expenses	% Incr Over Prior Year
SFY 2014	85,573	4%	196,034	0%	731,172	-9%	16,137	-12%	1,028,916	-7%
SFY 2013	82,566	6%	196,490	-5%	803,222	7%	18,375	-40%	1,100,652	3%
SFY 2012	78,171	0%	206,681	-6%	750,852	-14%	30,420	-33%	1,066,124	-12%
SFY 2011	77,944	-2%	219,182	68%	871,036	8%	45,490	144%	1,213,651	17%
SFY 2010	79,395	-11%	130,484	5%	805,903	21%	18,674	21%	1,034,456	15%
SFY 2009	89,683	25%	124,682	65%	667,131	-2%	15,477	22%	896,974	7%
SFY 2008	71,536	2%	75,466	-23%	678,684	24%	12,730	-23%	838,417	15%
SFY 2007	69,931	21%	97,945	23%	546,430	-14%	16,468	-10%	730,774	-8%
SFY 2006	57,795	-5%	79,693	-35%	636,390	3%	18,216	-14%	792,095	-3%
SFY 2005	61,039		121,883		616,745		21,074		820,741	

Total YTD - December Statewide TIP	PE		ROW		Const		Mitigation/ Other		Totals	
	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP	Expenses	% of SW to Total TIP
SFY 2014	9,011	11%	12	0%	25,798	4%	15,082	93%	49,904	
SFY 2013	10,176	12%	379	0%	30,148	4%	15,214	83%	55,917	5%
SFY 2012	8,645	11%	119	0%	28,980	4%	13,458	44%	51,203	5%
SFY 2011	8,361	11%	81	0%	44,940	5%	17,100	38%	70,482	6%
SFY 2010	8,234	10%	314	0%	23,907	3%	11,371	61%	43,825	4%
SFY 2009	9,886	11%	2	0%	18,115	3%	11,486	74%	39,488	4%
SFY 2008	7,746	11%	9	0%	18,273	3%	8,712	68%	34,741	4%
SFY 2007	7,965	11%	24	0%	14,939	3%	7,721	47%	30,649	4%
SFY 2006	4,845	8%	-	0%	11,696	2%	8,806	48%	25,347	3%
SFY 2005	3,082	5%	-	0%	14,395	2%	5,995	28%	23,472	3%

TIP Construction December
\$ in thousands



SW TIP Construction December
\$ in thousands



Expenditures for TIP Projects

SFY2014, SFY2013 (Expenditures below include ARRA)

SFY 2014	PE	ROW	Const	Other	Monthly	
Jul-13	13,401,678	27,140,024	121,309,416	2,595,172	164,446,290	8%
Aug-13	14,237,793	34,645,879	107,955,853	3,073,680	159,913,206	8%
Sep-13	14,510,615	23,753,821	120,268,408	2,858,105	161,390,950	8%
Oct-13	17,272,249	36,998,241	137,871,597	2,969,591	195,111,678	10%
Nov-13	13,802,416	43,831,810	113,806,025	2,001,960	173,442,211	9%
Dec-13	12,348,681	29,664,012	129,960,663	2,638,495	174,611,851	9%
Jan-14						0%
Feb-14						0%
Mar-14						0%
Apr-14						0%
May-14						0%
Jun-14						0%

85,573,432	196,033,788	731,171,963	16,137,003	1,028,916,185
8.3%	19.1%	71.1%	1.6%	

SFY 2013	PE	ROW	Const	Other	Monthly	
Jul-12	11,592,519	31,824,724	139,909,943	6,892,142	190,219,328	10%
Aug-12	16,825,134	31,006,747	126,602,094	447,199	174,881,174	9%
Sep-12	13,111,788	30,259,675	139,876,324	3,280,481	186,528,268	9%
Oct-12	15,796,659	33,233,433	140,593,478	2,822,950	192,446,520	10%
Nov-12	15,992,770	29,054,902	132,117,200	3,423,153	180,588,025	9%
Dec-12	9,247,600	41,110,168	124,122,476	1,508,669	175,988,914	9%
Jan-13	16,794,355	21,097,770	103,715,835	3,181,059	144,789,018	7%
Feb-13	14,699,876	21,043,903	95,999,735	2,166,468	133,909,982	7%
Mar-13	14,550,761	26,518,787	80,033,526	3,242,518	124,345,592	6%
Apr-13	14,943,845	20,074,675	95,203,167	3,067,587	133,289,274	7%
May-13	16,394,117	30,408,128	124,765,370	4,262,259	175,829,873	9%
Jun-13	21,425,263	35,230,572	108,346,368	5,331,140	170,333,343	9%

181,374,686	350,863,484	1,411,285,515	39,625,626	1,983,149,310
9.1%	17.7%	71.2%	2.0%	

Right of Way & Preliminary Engineering Expenditures

SFY 2014 Period Ending December 2013

	1st Quarter SFY	2nd Quarter SFY	3rd Quarter SFY	4th Quarter SFY	SFY Totals	SFY Target	% of Target
Right of Way:							
TIP Projects (excluding GV)	\$ 75.4	\$ 103.3			\$ 178.7	\$ 250.0	71%
Garvee Projects (GV)	10.1	7.2			17.3	102.3	17%
Total TIP Projects	\$ 85.5	\$ 110.5	\$ -	\$ -	\$ 196.0	\$ 352.3	
Preliminary Engineering:							
TIP Projects (excluding TA)	\$ 41.1	\$ 41.8			\$ 82.9	\$ 165.0	50%
Toll Authority (TA) Projects	1.1	1.6			2.7	9.7	28%
Total TIP Projects	\$ 42.2	\$ 43.4	\$ -	\$ -	\$ 85.6	\$ 174.7	

MEMO: State Fiscal YTD Totals Exclude Specific Allocations

(\$ in Millions)

FFY 2013 Federal Rail Scorecard

As of December 31, 2013

ARRA Rail Grant Awards (Inception to Date)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation SE High Speed Rail Corridor	\$ 520,000,000	\$ 519,676,387	\$ 107,381,894	\$ 102,069,230	\$ 5,312,664	
PE/NEPA - Richmond, Va to NCDOT Intercity Passenger Rail Congestion Mitigation	\$ 4,000,000	\$ 4,000,000	\$ 3,408,454	\$ 3,348,167	\$ 60,287	\$ -
	\$ 26,560,839	\$ 26,560,839	\$ 162,751	\$ 65,121	\$ 97,630	\$ -
TOTAL ARRA	\$ 550,560,839	\$ 550,237,226	\$ 110,953,099	\$ 105,482,518	\$ 5,470,581	\$ 2,664,352

FEDERAL Rail Grant Awards (NON-ARRA)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 26,328,596	\$ 4,348,445	\$ 3,253,804	\$ 3,111,413	\$ 142,391	\$ (2,138,539)

*The large credit in exceptions is due to a refund check applied to a WBS

NCDOT Expenditures

SFYTD as of December 31, 2013

