



2014 CAPA ANNUAL MEETING

Mike Holder, P.E.
NCDOT Chief Engineer

Governor and NCDOT Focus Areas

The Three Es

Economy

Efficiency

Education

Other Important Initiatives

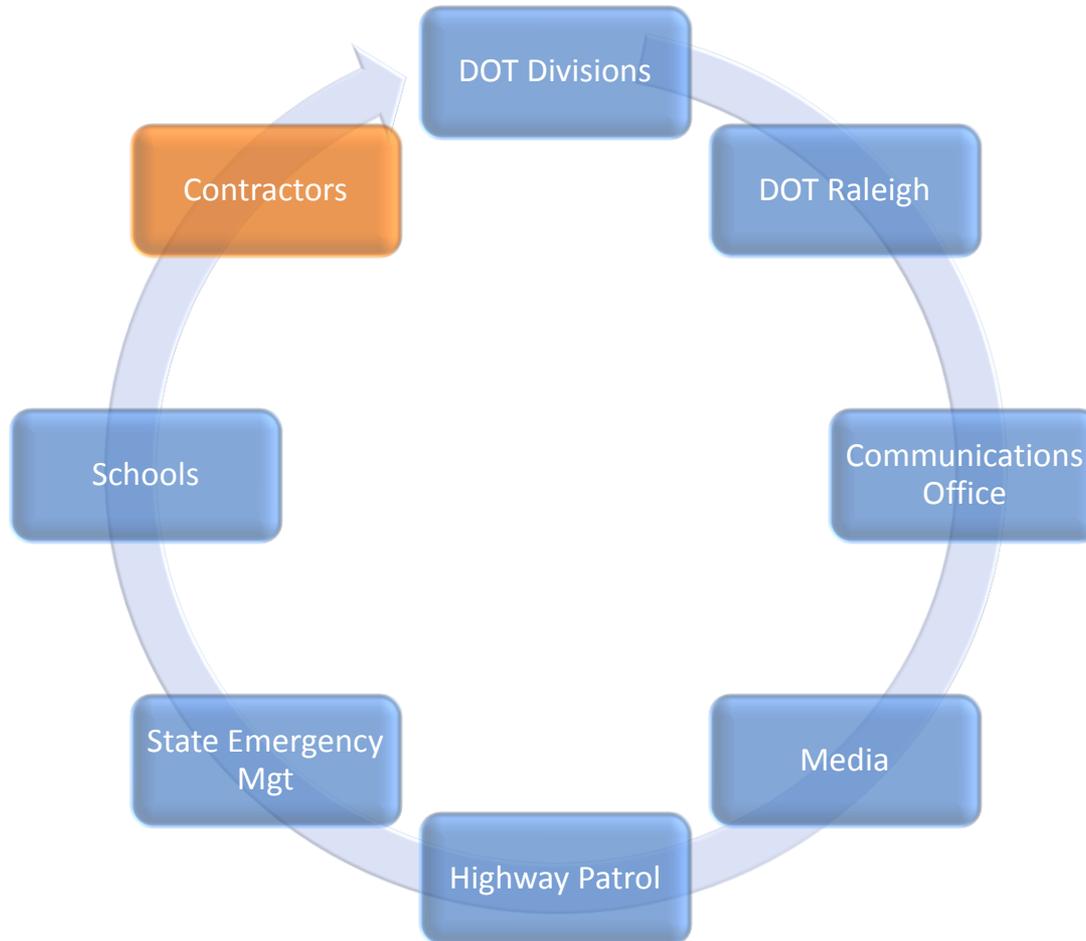
Customer
Service

Strengthening
Local
Partnerships

Aesthetics on
Projects

Communication

Partnerships for Success:



Partnerships for Success: Upcoming US Open



Highway improvement projects



Landscape/beautification projects



Cleanup/equipment removal

Technology in our Partnership

iPads/Construction teamsites

- Internal use successful
- Ultimate goal: open up to contractors

2013 Accomplishments

Central

- Let 236 projects with total bid value of \$1,577,598,868

Division

- Let 450 projects with total bid value of \$238,311,392

Historical Funding for C/R Program

SFY	\$(M)
2008	277
2009	277
2010	300
2011	267
2012	406
2013	427
2014	433
2015	402

2014 and Beyond Letting Projects

From April 2014 to March 2016

\$2.3 Billion



34 projects in that period greater than \$20 Million

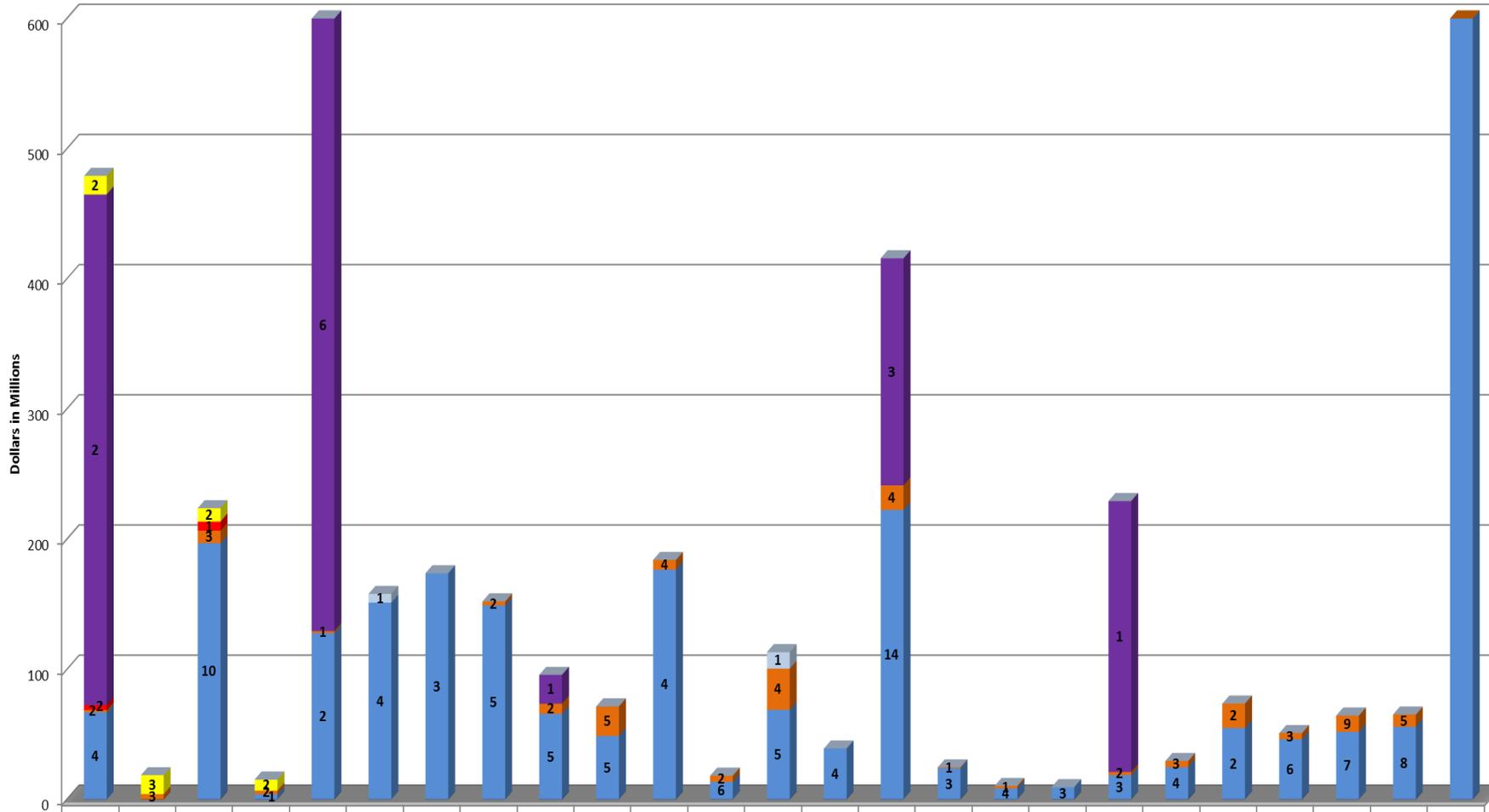
MAJOR PROJECTS > \$20 MILLION FROM APRIL 2014 TO MARCH 2016

Major
Project List

LET DATE	TIP#	COUNTY	DIV	DESCRIPTION	LATEST PRELIM. ESTIMATE	
4/15/2014	I-3802A	CABARRUS,	7	I-85 FROM NC 73 (EXIT 55) TO LANE STREET	\$201,000,000	DB
4/15/2014	R-2707B	CLEVELAND	12	US 74 (SHELBY BYPASS) FROM EAST OF SR	\$32,600,000	
	I-5110 I-5110A R-2413A			I-73 FROM NC 68 TO GREENSBORO WESTERN LOOP; FUTURE I-73 - FROM FOUR LANES AT SR 2011 (EDGEFIELD ROAD) TO SR		
4/15/2014	R-2413B	GUILFORD	7	2127 (BROOK BANK ROAD); NC 68	\$191,300,000	DB
6/17/2014	U-2525B	GUILFORD	7	GREENSBORO EASTERN LOOP FROM NORTH	\$114,100,000	
6/17/2014	X-0002CC	CUMBERLAND	6	FAYETTEVILLE OUTER LOOP FROM EAST OF	\$24,100,000	
8/19/2014	R-2536AA	RANDOLPH	8	US 64 (ASHEBORO SOUTHERN BYPASS) FROM	\$55,000,000	DB
8/19/2014	R-2536AB	RANDOLPH	8	US 64 (ASHEBORO SOUTHERN BYPASS) FROM	\$58,400,000	DB
8/19/2014	R-2536B	RANDOLPH	8	US 64 (ASHEBORO SOUTHERN BYPASS)	\$84,000,000	DB
8/19/2014	R-2536C	RANDOLPH	8	US 64 (ASHEBORO SOUTHERN BYPASS) FROM	\$59,600,000	DB
8/19/2014	R-2536D	RANDOLPH	8	ZOO CONNECTOR FROM EAST OF SR 2839 (ST	\$38,000,000	DB
8/19/2014	U-2519CB	CUMBERLAND	6	FAYETTEVILLE OUTER LOOP (FOL)- FROM	\$125,600,000	
9/16/2014	U-0071	DURHAM	5	DURHAM - EAST END CONNECTOR FROM	\$140,700,000	
10/21/2014	U-2579B	FORSYTH	9	WINSTON-SALEM NORTHERN BELTWAY	\$170,900,000	
11/18/2014	R-0623	MONTGOMERY	8	NC 24-27 TROY BYPASS FROM SR 1138	\$49,800,000	
11/18/2014	R-2519B	YANCEY	13	US 19 EAST FROM NC 80 IN YANCEY COUNTY	\$58,500,000	
11/18/2014	U-3465	HARNETT	6	SR 1121 (RAY ROAD) FROM NC 210 TO SR	\$21,600,000	
12/16/2014	U-3315	PITT	2	STREET CONNECTOR FROM MEM	\$23,300,000	
12/16/2014	U-3301	BUNCOMBE	13	NC 63 (LEICESTER HIGHWAY) NW ASHEVILLE	\$22,100,000	DB
1/20/2015	U-3615B	GUILFORD	7	HIGH POINT - SR 1820 (SKEET CLUB ROAD)	\$31,800,000	
2/17/2015	I-0914BA	WARREN	5	I-85 FROM SOUTH OF US 158 IN VANCE	\$79,700,000	
2/17/2015	I-0914BB	WARREN	5	I-85 FROM NORTH OF SR 1237 (MANSON	\$56,500,000	
2/17/2015	R-2915D	ASHE	11	US 221 FROM SOUTH OF NC 194 TO US 221	\$23,500,000	
4/21/2015	U-3308	DURHAM	5	DURHAM - NC 55 (ALSTON AVENUE) FROM	\$28,200,000	
5/19/2015	R-2603	WILKES	11	NC 268 FROM MULTI-LANES EAST OF NC 18	\$25,200,000	
6/16/2015	R-2514C	JONES	2	US 17 FROM NORTH OF MAYSVILLE TO	\$33,000,000	
6/16/2015	R-2514D	JONES	2	US 17 FROM NORTH OF NC 58 TO THE NEW	\$74,900,000	
6/16/2015	R-2915A	WATAUGA	11	US 221 FROM US 421 IN WATAUGA COUNTY	\$25,600,000	
6/16/2015	R-2915B	ASHE	11	US 221 FROM SR 1003 (IDLEWILD RD) TO	\$21,300,000	
6/16/2015	R-2250A	PITT	2	NC 11-903 (GREENVILLE SOUTHWEST BYPASS	\$27,500,000	DB
6/16/2015	R-2250B	PITT	2	NC 11-903 (GREENVILLE SOUTHWEST BYPASS	\$52,100,000	DB
6/16/2015	R-2250C	PITT	2	NC 11-903 GREENVILLE SOUTHWEST BYPASS	\$94,900,000	DB
10/20/2015	R-2545B	TYRRELL	1	FROM EAST OF COLUMBIA TO WEST OF SR 11	\$208,200,000	DB
12/15/2015	I-0906	CATAWBA	12	I-40 FROM SR 1484 (4TH AVE) IN CONOVER	\$42,500,000	
3/15/2016	R-0204D	MCDOWELL	13	US 221-NC 226 (MARION BYPASS)	\$32,500,000	

TOTAL COST ESTIMATE \$2,328,000,000

NCDOT 24 Month Tentative Let List Totals in Millions



	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	TOTAL	
TOTAL	\$479.1	\$18.6	\$223.7	\$15.3	\$622.4	\$158.0	\$173.7	\$152.1	\$95.7	\$71.5	\$184.0	\$18.2	\$113.2	\$39.2	\$415.8	\$24.6	\$10.4	\$9.5	\$229.3	\$29.6	\$73.7	\$51.0	\$64.5	\$65.3	\$3,338.	
ARRA Rail	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$19.4
DB Express	14.3	14.5	10.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$47.4
Design Build	392.3	0.0	0.0	0.0	493.0	0.0	0.0	0.0	22.1	0.0	0.0	0.0	0.0	0.0	174.5	0.0	0.0	0.0	208.2	0.0	0.0	0.0	0.0	0.0	0.0	\$1,290.
17BP, etc.	3.8	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$10.8
TIP Bridge Replacement	1.7	4.1	9.6	2.9	1.5	0.0	0.0	3.0	7.9	22.7	7.4	4.7	31.8	0.0	18.9	0.6	1.9	0.0	2.5	4.8	18.8	4.8	12.6	9.4	\$171.2	
TIP	67.0	0.0	196.9	4.0	127.9	151.2	173.7	149.1	65.7	48.8	176.6	13.5	68.9	39.2	222.4	24.0	8.6	9.5	18.6	24.8	54.9	46.3	51.9	55.9	\$1,799.	

Connect NCDOT
BUSINESS PARTNER RESOURCES

Home Help Site Map

Doing Business **Bidding & Letting** Projects Resources Local Governments

Search



12 Month Letting List Central Division Design Build Bridge & Culvert Private Engineering Aviation Turnpike

12 Month Tentative Letting list

Contract lettings for the upcoming year.

Tentative Let Dates Archived Let Dates

March 2014 Cover Letter

March 2014 Cover Letter



March 2014 Change Summary

March 2014 Change Summary



March 2014 Change Report

March 2014 Change Report



12-Mth Letting List April 2014 - March 2015

12-Mth Letting List April 2014 - March 2015



13th Mth April 2015

13th Mth April 2015



MAY2014 BID AD

MAY2014 BID AD



Contract Resurfacing March 2014

Contract Resurfacing March 2014



DESIGN BUILD PROJECTS-REVISED

DESIGN BUILD PROJECTS-REVISED



Letting List Documents

Funding Process Flowcharts

Funding Process for Division POC and Bridge POC Projects Flowchart

2012-11-29 11:57:35



For Questions About this List



Employee Directory

Staff contacts for *Program Management Unit*.



Contact Form

For questions & feedback about this area of Connect NCDOT, contact *Program Management Unit*.

About the list

NCDOT publishes a monthly 12-Month Tentative Letting List that is used to coordinate contract lettings for the next year. Projects are closely monitored to ensure schedules are met. The 12-Month Tentative Letting List is extremely valuable to the construction industry as well as the Division of Highways construction staff for planning manpower and equipment needs. It also provides the basis for short-term budget projections.

Contacts

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Project Management Team Lead- Project Management Unit
919-707-4639

Bill Martin, PE
Project Management Unit Head
919-707-4633

Majed Al-Ghandour, Ph.D., PE, CPM, MCSD, MCT

Assistant Project Manager, Program Development Branch

Contract Resurfacing Let List

Contract Resurfacing 12 MLL (\$M)	FY 2014					FY 2015							
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Edgecombe Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.73	\$ -	\$ -	\$ -	\$ -	\$ -
Edgecombe Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Halifax Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.36	\$ -	\$ -	\$ -	\$ -	\$ -
Halifax Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Johnston Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.38	\$ -	\$ -	\$ -	\$ -	\$ -
Johnston Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nash Div Let	\$ -	\$ 1.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.07	\$ -	\$ -	\$ -	\$ -	\$ -
Nash Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wayne Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.08	\$ -	\$ -	\$ -	\$ -	\$ -
Wayne Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wilson Div Let	\$ -	\$ 1.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.29	\$ -	\$ -	\$ -	\$ -	\$ -
Wilson Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Division 4	\$ -	\$ 3.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22.91	\$ -	\$ -	\$ -	\$ -	\$ -
Durham Div Let	\$ -	\$ -	\$ -	\$ -	\$ 0.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Durham Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.30	\$ -	\$ -
Franklin Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Franklin Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.40	\$ -	\$ -	\$ -	\$ -
Granville Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Granville Ral Let	\$ -	\$ -	\$ -	\$ 3.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Person Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Person Ral Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.20	\$ -	\$ -	\$ -	\$ -	\$ -
Vance Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vance Ral Let	\$ -	\$ -	\$ 2.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wake Div Let	\$ 1.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wake Ral Let	\$ -	\$ -	\$ 2.30	\$ 10.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Warren Div Let	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Warren Ral Let	\$ -	\$ -	\$ 4.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Division 5	\$ 1.60	\$ -	\$ 9.08	\$ 13.80	\$ 0.27	\$ -	\$ -	\$ 5.20	\$ 3.40	\$ -	\$ 4.30	\$ -	\$ -

- <https://connect.ncdot.gov/letting/12%20Month%20Tentative%20Letting%20Library/ContractResurfacing-12MLL-Feb27-2014.pdf>

Life Cycle Cost Analysis - Pavement Type Selection

April 4, 2014 NCDOT scheduled to report to the Joint Legislative Transportation Oversight Committee on this issue.

This is not a new issue but has been recently elevated based on a FHWA Technical Advisory.

We plan to closely engage both the asphalt and concrete industries to develop a fair process that promotes competition.

2014 Focus Areas

STI Implementation in preparation for new formula to take effect July 1, 2015.

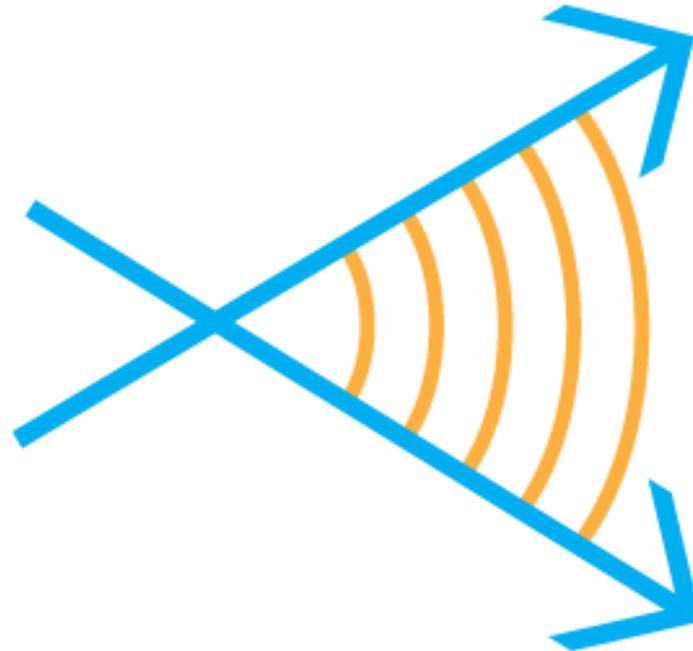
Develop 25-year vision – “Moving People and Moving Products”

Identify new transportation revenue sources.

Strategic Transportation Investments

Increased population + 1.3m
= Infrastructure need

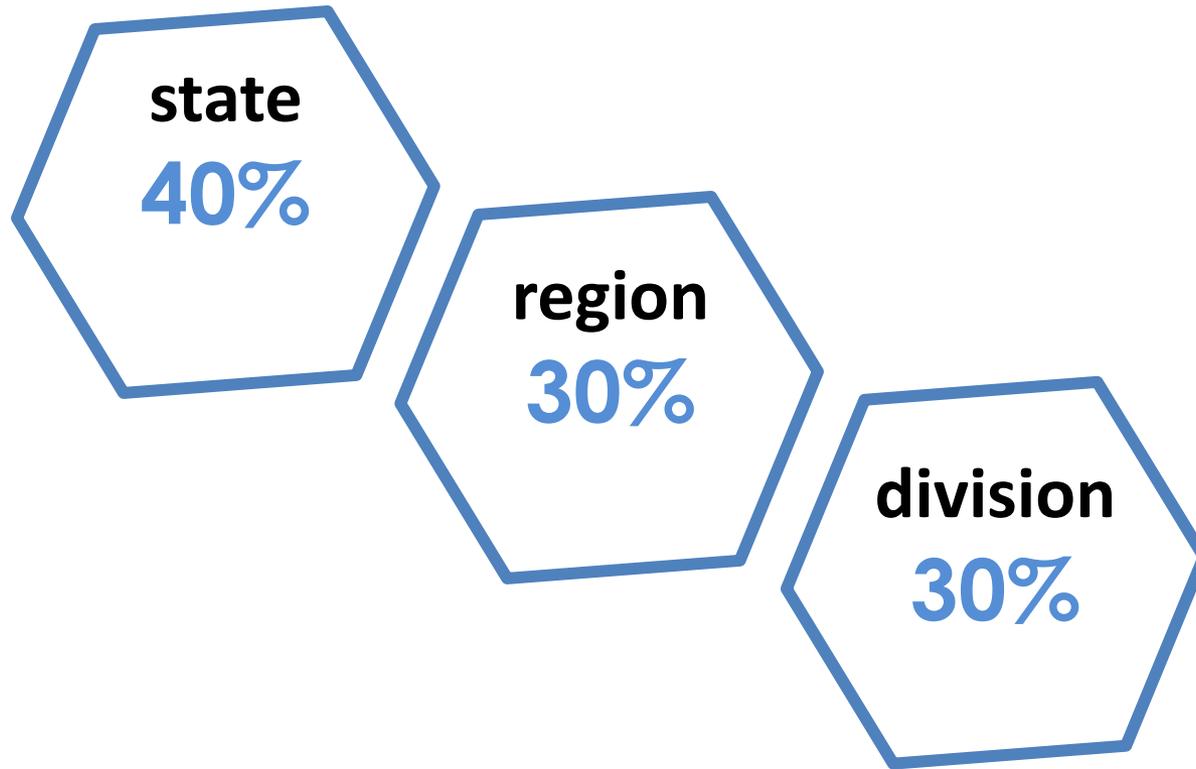
problem



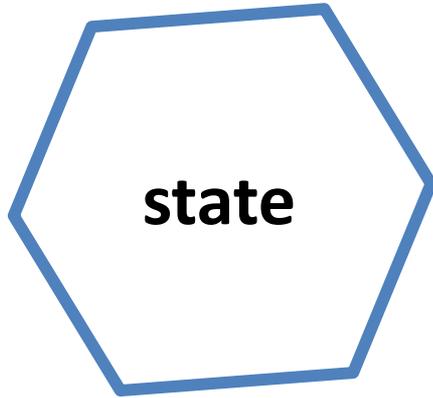
Infrastructure gap.
Decline in businesses and jobs.

Decreased
Revenue projections - \$1.7b
MFT, DMV, Highway

2013-2023

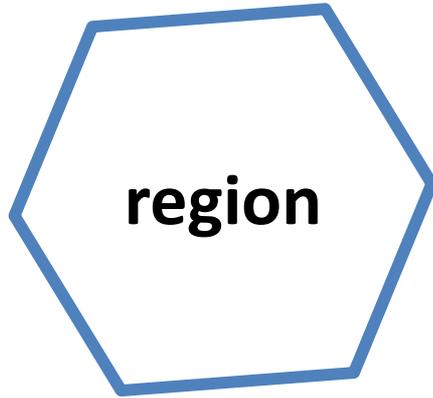


strategically invest resources to ensure state, regional, and local priorities are met



**40% of revenue or
\$6 billion statewide
(over 10 years)**

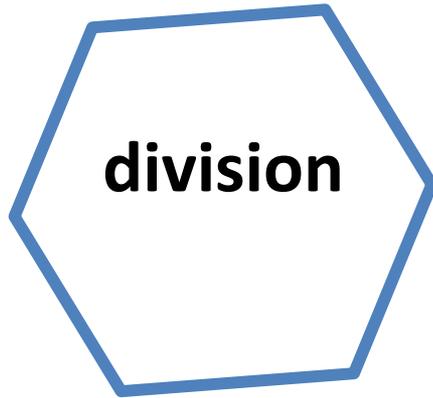
- **Address statewide and regionally significant congestion/bottlenecks**
 - Statewide and regional tier ONLY
 - All modes compete (hwy and non-hwy projects)
- **100% data driven**
 - Benefit-cost (*reduced travel time /project costs*)
 - Existing congestion
 - Economic competitiveness
 - Freight
 - Multi-modal



30% of revenue or

**\$4.5 billion over
all regions
(over 10 years)**

- **Address projects with regionally significant impact**
 - Statewide and regional tiers
 - Paired divisions: (1&4), (2&3), (5&6), (7&9), (8&10), (11&12), (13&14)
 - All modes compete
- **70% data; 30% local ranking**
 - Benefit-cost
 - Connectivity (jobs, healthcare, education, recreation ctrs.)
 - Congestion
 - Safety



Equal share over 14 divisions.

- **Address localized congestion & safety concerns**
 - All tiers
 - All modes compete
- **50% data; 50% local ranking**
 - Benefit-cost
 - Connectivity
 - Shoulder width
 - Safety

Tools to Help Continue a Strong Letting Program

Alternate financing to include tolls, GARVEE bonds, and private-public partnerships

Design build for better innovation and expedited delivery time.

Strategic state funded programs similar to the ongoing Bridge Improvement Program.

Challenges

1.3 million population growth in NC over next 10 years.

Over the same period current revenue sources will generate \$1.7 billion less.

Current transportation funding is not sufficient to support the need.

Challenges

Federal Authorization, MAP 21 is scheduled to expire September 30, 2014.

28% of our planned program is represented by Federal Dollars.

FUNDING TRIVIA

Each 1 cent of motor fuel tax represents what cost per year to a driver?

\$7.50 / Year

Each 1 cent of motor fuel tax represents what funding per year for NCDOT projects?

\$50 M / Year

1% change in overall consumption of fuel represents what funding change to NCDOT projects?

\$20 M / Year

Alternate Revenue Considerations

Size of the Revenue Gap

General Tax vs User Fee

Effects of Population Change

Administrative / Collection Issues

Public Perception / Political Will

How Can CAPA Help?

Help explain the challenges we face and what is at risk.

Lobby to avoid Federal transportation funding shutdown.

Advocate for State and Federal transportation revenue reform.