

## TCC MEMBERS

Danny Pleasant, Chair  
Charlotte Department of Transportation

Joe Lesch, Vice-Chair  
Union County

Charlotte Department of Transportation

Charlotte-Douglas International Airport

Charlotte Engineering & Property Management

Charlotte-Mecklenburg Planning Department

Town of Cornelius

Town of Davidson

Town of Fairview

Town of Huntersville

Town of Indian Trail

Iredell County

Town of Marshville

Town of Marvin

Town of Matthews

Mecklenburg County Land Use & Environmental  
Services Agency

Metropolitan Transit Commission

Town of Mineral Springs

Town of Mint Hill

City of Monroe

Town of Mooresville

NCDOT - Division 10

NCDOT - Division 12

NCDOT - Public Transportation Division

NCDOT - Transportation Planning Branch

Town of Pineville

Town of Stallings

City of Statesville

Town of Troutman

Union County

Town of Waxhaw

Town of Weddington

Village of Wesley Chapel

Town of Wingate

Bicycle Focus Area Representative

Greenway Focus Area Representative

Pedestrian Focus Area Representative

Public Health Focus Area Representative

Federal Highway Administration

(Ex-officio member)



# TECHNICAL COORDINATING COMMITTEE

## Agenda Packet

Thursday, March 5, 2015

10:00 a.m.-Noon

Charlotte-Mecklenburg Government Center  
Room 267 (Second Floor)  
600 East Fourth Street  
Charlotte, NC 28202

### MARCH TCC MEETING ACTION ITEMS:

1. I-485 South
2. DRAFT Bonus Allocation and STP-DA Project List
3. FY 2015 UPWP Amendments
4. FY 2016 UPWP (Transit Section 5303)

### CRTPO Staff Contact:

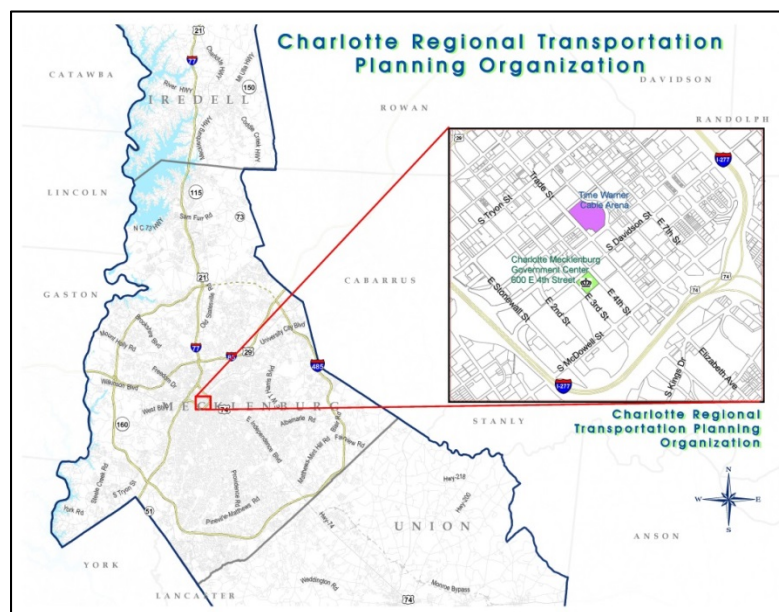
Neil Burke, AICP, PTP  
Senior Principal Planner  
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nburke@charlottenc.gov

### ***Title VI Policy***

*It is the policy of the Charlotte Regional Transportation Planning Organization to ensure that no person shall, on the ground of race, color, sex, age, national origin, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, and any other related non-discrimination Civil Rights laws and authorities.*

The Charlotte Regional Transportation Planning Organization coordinates transportation planning initiatives in Mecklenburg County and portions of Iredell and Union Counties. The Technical Coordinating Committee (TCC) is the staff arm of CRTPO. The TCC is composed of representatives of various departments and communities that are involved in the transportation planning process, and this committee provides consensus-based technical recommendations to the MPO board.

Unless otherwise noted, CRTPO TCC and MPO meetings are held in Room 267 (second floor) of the Charlotte-Mecklenburg Government Center (CMGC), located at 600 East Fourth Street in Uptown Charlotte.



Parking is available in the CMGC parking deck on Davidson Street between Third and Fourth Streets. Parking tickets from the CMGC Deck can be validated by CRTPO staff if they are brought to the meeting.

There are two ways to enter the CMGC. Enter via the large staircase on the Davidson Street side or through the plaza entrance facing E. Fourth St. (This is a handicapped accessible entrance.) Once inside the building, security staff will assist you to Room 267. Security measures have been improved recently, so please allow more time for entering the building.

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## TECHNICAL COORDINATING COMMITTEE MEETING AGENDA

Thursday, March 5, 2015 | 10:00 a.m.

Room 267 (second floor), Charlotte-Mecklenburg Government Center  
600 East Fourth Street, Charlotte, NC 28202

1. **WELCOME (5 minutes)** **Danny Pleasant**

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  - a. Introductions
  - b. Adoption of Today's Agenda
  
2. **CONSENT AGENDA (5 minutes)** **Danny Pleasant**

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  - a. Approval of February 5, 2015 TCC Minutes
  - b. TIP Amendments – See attached memorandum
  
3. **TCC BUSINESS (60 Minutes)**

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  - a. **I-485 South** **Louis Mitchell**  
*ACTION REQUESTED: Recommend to the MPO that it endorse one of three options suggested by NCDOT for the unused pavement along I-485 associated with the R-4902 project.*  
  
*BACKGROUND:*
    - In June 2012, the MPO requested that NCDOT do the following in regard to the proposed widening of I-485 from I-77 to Rea Road (TIP project R-4902):
      1. Amend the typical section for TIP project R-4902 between I-77 and Johnston Road to construct four additional feet of full depth paved shoulder on the median side of the travel lanes in each direction.
      2. This portion of roadway should be restriped and used in a later project to separate the general purpose lanes from managed lanes.
      3. The decision to implement managed lanes, the selection of type of managed lane, and the operational plan for those lanes will be based on a study of I-485 between I-77 and US 74.
    - Planning and environmental studies are now underway for TIP project I-5507 which will add one express lane in each direction on I-485 between I-77 and US 74. This project will use the unused portion of the roadway noted in item #2 above.
    - The presentation will focus on recent suggestions that the additional I-485 paving be used as travel lanes in advance of the completion of the I-5507 project.
  
- b. **DRAFT Bonus Allocation and STP-DA Project List** **Bill Coxe**  
*ACTION REQUESTED: Recommend to the MPO that it endorse the DRAFT list of Bonus Allocation and STP-DA projects.*

**BACKGROUND:**

- *An update of the discussion at the February 18 MPO meeting and any action items will be discussed.*
- *A subcommittee of TCC members has reviewed, prioritized, and approved the draft project list of Bonus Allocation and STP-DA projects.*
- *Final action on the Bonus Allocation and STP-DA project lists is requested of the TCC at the March 5 meeting to remain on schedule in regards to the TIP adoption process.*

**ATTACHMENTS:** *DRAFT CRTPO Bonus Allocation and STP-DA Project List, DRAFT CRTPO Bonus Allocation and STP-DA Project Maps*

- c. **FY 2015 Unified Planning Work Program Amendments** **Robert Cook**  
**ACTION REQUESTED:** *Recommend to the MPO that it consider approving the amendments to the FY 2015 UPWP.*

**BACKGROUND:**

- *The current year UPWP may need to be amended to shift funds to task codes in which funding shortfalls are likely to occur due to workloads not anticipated when the program was prepared in early 2014.*
- *Amendments are required to reflect project delays.*

**ATTACHMENT:** *Memorandum*

- d. **FY 2016 Unified Planning Work Program (Transit Section 5303)** **Robert Cook**  
**ACTION REQUESTED:** *Recommend to the MPO that it consider approving the FY 2016 UPWP for FTA 5303 Transit Funds Only.*

**BACKGROUND:**

- *FTA section 5303 funds are used by MPOs and their transit providers to implement programs and transit planning activities.*
- *Scheduling differences between the NCDOT Public Transportation and Transportation Planning Branches have necessitated MPOs to undertake a two-phase UPWP adoption process FY 2016 with FTA 5303 funds being considered at the March meetings, and the other planning funds being considered this spring.*

**ATTACHMENT:** *Memorandum*

4. **TCC INFORMATION REPORTS (40 Minutes)**

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- a. **FY 2016 Unified Planning Work Program Development Update** **Robert Cook**  
**BACKGROUND:**

- *The Unified Planning Work Program (UPWP) is adopted annually in accordance with joint Federal Highway Administration/Federal Transit Administration (FHWA/FTA) transportation planning guidelines.*
- *The UPWP describes the planning activities that are anticipated for the coming fiscal year and documents the allocation of state and federal funds associated with each planning activity.*
- *An update on the preparation of the FY 2016 UPWP will be provided.*

b. **Review of DRAFT STIP**

**Neil Burke**

BACKGROUND:

- *A summary of ongoing activities associated with the review of the DRAFT STIP will be provided.*

c. **P4.0 Work Group Update**

**Neil Burke**

BACKGROUND:

- *An update will be provided on decisions made and recent discussion topics at the Prioritization 4.0 Work Group meetings that are held bi-monthly in Raleigh.*
- *A review of the proposed schedule for P4.0 will be undertaken. It should be noted that MPOs, RPOs, and Divisions will can submit new projects for scoring in P4.0 in September of 2015.*

ATTACHMENT: *Prioritization 4.0 Tentative Schedule – Subject to Change.*

d. **Ozone Standard Update**

**Megan Green**

BACKGROUND:

- *In November 2014, the U.S. Environmental Protection Agency proposed to strengthen the National Ambient Air Quality Standard for ground-level ozone.*
- *An overview of the proposed revisions will be provided and potential local impacts will be discussed.*

5. **OTHER REPORTS (10 Minutes)**

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- a. NCDOT Report
- b. Bicycle and Pedestrian Work Group Report
- c. Upcoming Issues

**NCDOT Staff  
Curtis Bridges**

6. **ADJOURN**

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**CRTPO TECHNICAL COORDINATING COMMITTEE**  
**Summary Meeting Minutes**  
**Charlotte-Mecklenburg Government Center**  
**Room 267**  
**February 5, 2014**

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**Voting Members:** *Chair* - Danny Pleasant (CDOT), *Vice-Chair* – Joe Lesch (Union County), Jonathan Wells – alt for Ed McKinney (C-M Planning), Dan Leaver (Charlotte E&PM) Bill Coxe (Huntersville), Wayne Herron – alt for Andrew Grant (Cornelius), Andrew Ventresca (Iredell County), Sherry Ashley (Statesville), Erika Martin (Troutman), David Nelson – alt for Ralph Messera (Matthews), David McDonald (CATS), Kelsie Anderson ( Mooresville), Louis Mitchell (NCDOT – Div. 10), David Keilson – alt for Reuben Chandler (NCDOT – Div. 12), Anil Panicker (NCDOT-TPB), Adam McLamb – alt for Scott Kaufhold (Indian Trail), Jim Loyd – alt for Lisa Stiwinter (Monroe), Fern Shubert (Marshville), Travis Johnson (Davidson), Chris Easterly (Stallings), Megan Green (Mecklenburg County – LUESA Air Quality), Ken Tippet (Bicycle Focus Area Representative), Dick Winters (Public Health Focus Area Representative), Scott Curry (Pedestrian Focus Area Representative)

**Staff:** Robert Cook (CRTPO), Neil Burke (CRTPO), Candice Leonard (CRTPO), Scott Cole (NCDOT-Div. 10), Lee Ainsworth (NCDOT), Jeff Sloop (NCDOT), Stuart Basham (NCDOT-Div. 10), James Lim (NCDOT-Public Transportation), Norm Steinman (CDOT), Andy Grzymiski (CDOT), Anna Gallup (CDOT), Sara Familian (CDOT), Matt Magnasco (CDOT), John Rose (CATS), Becky Chambers (Charlotte E&PM), Loretta Barren (FHWA), Lisa Stiwinter (Monroe)

**Guests:** Bill Thunberg (LNTC), Todd Steiss (PB), Steve Blakely (Kimley-Horn), Meg Fencil (Sustain Charlotte), Radha Swayampakala (RS&H), Jeff Hess (HNTB)

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Danny Pleasant opened the meeting at 10:00 a.m. TCC members and guests introduced themselves.

**1. Adoption of the Agenda**

Mr. Pleasant explained that there were two new TIP amendments for the TCC to consider and these will be added as new business. There were no other adjustments to the agenda. Therefore, the January agenda was adopted by acclamation.

**2. Consideration of Consent Agenda**

Neil Burke explained that a correction to the January TCC minutes was identified at the Transportation Staff meeting yesterday. The minutes should indicate that the urban section of the NC 150 (R-2307) widening in Mooresville have four-foot bicycle lanes instead of five-foot lanes. He suggested that the TCC consider approving the revised minutes as part of the Consent Agenda.

Mr. Pleasant explained that the consent agenda for the January meeting contained 24 proposed TIP amendments to initiate planning and environmental work on new STI projects in the DRAFT STIP, and there were seven proposed TIP amendments to locally administered projects. Mr. Burke requested that the TCC consider removing six of the seven proposed amendments to locally administered projects because staff must conduct further investigation on them, and they would be brought back to the TCC for consideration at a future meeting. He suggested that the Barringer Drive bridge replacement (B-5242) could remain on the consent agenda list.

Motion:

Bill Coxe made a motion to adopt the revised consent agenda containing the correction to the January TCC minutes, and omitting six of the proposed TIP amendments. Wayne Herron seconded the motion. The motion passed unanimously.

**TCC BUSINESS ITEMS**

**3a. New Business**

Presenter: Robert Cook

Summary/Action Requested:

Consider approving the following TIP amendments that were identified after the TCC agenda had been distributed:

- U-5526A (US 74 Bus-HOT Lane Conversion) –change eastern project limit from Albemarle Road to Wallace Lane.
- TO-5149 (Iredell County Area Transit System Operating Assistance) – Amend TIP to list operating assistance in the amount of \$200,000 annually for ICATS using FTA Section 5307 funds. These funds originate from NCDOT-Public Transportation Division and must be reflected within the CRTPO MTIP.

Loretta Barren suggested that the project limit modification to U-5526A should be made as a technical correction rather than a TIP amendment to avoid an air quality conformity determination. She explained that this can be amended as a technical correction if Wallace Lane is already listed in the plan as the eastern project limit.

Motion:

Joe Lesch made a motion to recommend to the MPO that it approve a technical correction to the eastern extent of U-5526A and adopt a TIP amendment to add the TO-5149 ICATS FTA Section 5307 operating assistance to CRTPO's MTIP. Fern Shubert seconded the motion. The motion passed unanimously.

**3b. DRAFT Bonus Allocation and STP-DA Project List**

Presenter: Bill Coxe

Summary/Action Requested:

Mr. Pleasant stated that the request for action on this item was to “forward” the list of Bonus Allocation and STP-DA projects to the MPO for their review and discussion rather than to “recommend” the endorsement of the project list. He explained that this modification to the action is necessary to allow MPO members to receive the presentation on this topic at their February meeting and review the project lists before considering taking action possibly at their March meeting.

Mr. Coxe provided information to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes [here](#). The presentation covered the following points:

- He reviewed a schedule with the TCC and reminded the group that action will be required in the March meetings to remain on schedule for a TIP adoption this summer.

- He stated that the amount of funding remains an ongoing issue. The recommended projects have planning level cost estimates, and the exact amount of bonus allocation funds for CRTPO will not be known until financial close of the I-77 Express Lanes project, anticipated in April of 2015.
- Mr. Coxe explained that there is continued coordination between the Bonus Allocation subcommittee, I-77 Mobility Partners, and NCDOT regarding a design modification to the HOT direct connection ramp between I-77 southbound and I-277 (Brookshire Freeway) eastbound. There is a possibility that additional expense on this modification could warrant the consideration of using bonus allocation funds on this project.
- Mr. Coxe reviewed the proposed project lists of bonus allocation projects as recommended by the TCC subcommittee. He stated that there are 22 recommended bonus allocation projects at an estimated cost of \$166.6 million, and this amount was over-programmed by \$8.4 million.
- He then reviewed the proposed STP-DA projects as recommended by the TCC subcommittee. He indicated that there were six major highway, 16 bicycle/pedestrian, three transit projects, and a future holdout of \$9.4 million for small operations projects at a total amount of \$83.3 million over five years from 2016 through 2020. Mr. Coxe explained that the funds for these identified projects must be obligated within the five-year timeframe.
- Mr. Coxe reviewed a funding breakdown and a map of the distribution of all projects. He explained that currently the STP-DA and Bonus Allocation funds comprise \$250 million in transportation investment that can augment the projects proposed in the DRAFT STIP.

Mr. Pleasant encouraged communication between TCC and MPO representatives in reviewing the proposed project lists and identifying any issues. Kelsie Anderson added that direct comments and specific, project-related recommendations should be sought from MPO members.

Motion:

Mr. Herron made a motion to forward the DRAFT Bonus Allocation and STP-DA project lists to the MPO for their review and consideration. Sherry Ashley seconded the motion. Upon being put to a vote, the motion passed unanimously.

## **TCC INFORMATION REPORTS**

### **4a. Review of DRAFT STIP**

Presenter: Neil Burke

Summary:

Mr. Burke provided information to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes [here](#). The presentation covered the following points:

- Mr. Burke indicated that a one-on-one meeting has been scheduled between CRTPO and the NCDOT-TIP Program Unit on February 19 to review issues with projects in the DRAFT STIP. Some of the preliminary projects to be discussed will include:
  - Independence Boulevard project (U-2509A,B): Inclusion of parallel roadways within the scope of the project in the DRAFT STIP.



- NC 49 widening (John Kirk Road – I-485) project acceleration to 2020 or before to coordinate with several other adjacent projects.
- Billy Graham Parkway TIP projects at West Boulevard and Morris Field Drive. Coordination with Charlotte Douglas Airport and NCDOT is needed to determine feasibility, scope, and delivery.
- Mr. Burke explained CRTPO’s staff preference is to amend the 2040 MTP for the entire ten years of appropriate projects identified in the DRAFT STIP. Staff believes that the TIP is a subset of the MTP and both documents should match to the extent possible.
- He then reviewed three lists of preliminary MTP amendments based upon their status as new projects not currently in the plan, projects that would require a horizon year change, and projects that would require a modification in project limits.
- For information purposes, Mr. Burke displayed a list of projects in the 2025 horizon year of the 2040 MTP that are not currently in the DRAFT STIP.

Mr. Pleasant inquired about the arbitrary TIP number in the DRAFT STIP for STP-DA projects, and a timeline of when it is expected that these projects would be programmed in the document. Mr. Burke indicated that he believed the discussion of project scheduling would likely begin with NCDOT after the MPO has adopted the Bonus Allocation and STP-DA project lists in March, and these projects would ultimately be included in the final STIP document. Mr. Coxe added that the arbitrary TIP number would remain to show the un-programmed STP-DA funds available during the developmental program (2021-2025) of the STIP.

**4b. FY 2015 Unified Planning Work Program Amendments**

Presenter: Robert Cook

Summary:

Mr. Cook explained that several amendments to the FY 2015 UPWP are suggested due to task item overages and project delays. He stated that the requested amendments will be action items at the March 5 TCC meeting. Mr. Cook explained that delays to the Regional Freight Study, Ramp Metering Study, and Congestion Management Process will result in a reallocation of funds to UPWP task code shortfalls.

**4c. FY 2016 Unified Planning Work Program Development Update**

Presenter: Robert Cook

Summary:

Mr. Cook mentioned that the amount of planning funds (PL) is still unknown for FY 2016, but it is being assumed that CRTPO will receive a similar amount as in FY 2015. He explained that there will be a two-phased UPWP adoption process for FY 2016 with FTA 5303 funds being considered at the March meetings, and the other planning funds being considered this Spring. The staggered adoption process is attributable to a difference in schedules between NCDOT-Public Transportation Division and NCDOT-Transportation Planning Branch.

Mr. Cook reviewed the Section 5303 proposed UPWP task code allocations with the TCC, indicating that the CDOT modelling staff and CATS were confident in the distributions. He also explained that the solicitation of planning projects for the FY 2016 UPWP is an ongoing process, with staff requesting additional information on several projects. He also indicated that NCDOT-TPB has agreed to allow

CRTPO to carry over funds for the Independence Boulevard Greenway project from FY 2015 to FY 2016.

## **OTHER REPORTS**

### **5a. NCDOT Report**

Mr. Keilson stated that NCDOT-Division 12 will be letting contracts in the near future to replace bridges on Stephenson Farm Road and Stikeleather Road.

Anil Panicker explained that he is working with City of Statesville staff to address comments from NCDOT-TPB in the draft CRTPO CTP.

### **5b. Bicycle and Pedestrian Work Group Report**

Mr. Pleasant stated that Curtis Bridges was out sick today and this afternoons Bicycle and Pedestrian Work Group has been cancelled.

### **5c. Upcoming Issues**

Jonathan Wells provided a summary on an initiative to evaluate the linkages between the CONNECT Our Future initiative and the development of the 2045 MTP. He identified a group of appropriate steering committee members from throughout the region and a kickoff meeting was held last week.

Mr. Burke stated that the second installment of a quarterly locally administered project workshop will be held on Thursday, February 19, 2015 at the Kimbrell Campus of Gaston College in Belmont. The focus of this workshop will be Construction Administration and the target audience will be municipal project managers and consultants. The cost is \$15.

**6. Adjourn:** Mr. Pleasant determined that the agenda had been adequately completed and adjourned the meeting at 11:13 a.m.

TO: TCC Members  
 FROM: Neil Burke, AICP PTP  
 Senior Principal Planner  
 DATE: February 26, 2015  
 SUBJECT: **2012-2018 TIP Amendments for March 5 TCC Consent Agenda**

**REQUEST**

The TCC is requested to recommend to the MPO that it amend the TIP as noted in the table below.

**BACKGROUND**

The following TIP amendments were requested by NCDOT and the City of Charlotte. All amendments involve the shifting of project activities to future fiscal years, and do not result in any increases or decreases in project funding.

<b>NCDOT Requested Amendments</b>			
<b>TIP #</b>	<b>Description</b>	<b>Proposed Amendment</b>	<b>Reason</b>
C-5537	Barton Creek greenway, construct connector between Clarks Creek and Mallard Creek greenways	Delay construction from FY 14 to FY 15	Allow additional time for preliminary engineering. NCDOT requested schedule change.
C-5542	S. Tryon St sidewalk construction, southeast side, from Queen Anne Dr to Nations Ford Road	Delay ROW from FY 13 to FY 15	Allow additional time for design. NCDOT schedule change was approved by BOT at January 8 meeting.
C-5543	Sunset Road sidewalk construction, south side from I-77 to Statesville Road including sidewalk on I-77 overpass	Delay ROW from FY 14 to FY 15	Allow additional time for design. NCDOT schedule change was approved by BOT at January 8 meeting.
<b>City of Charlotte Requested Amendments</b>			
<b>TIP #</b>	<b>Description</b>	<b>Proposed Amendment</b>	<b>Reason</b>
C-5540	Nevin/Gibbon/Sugar Creek Sidewalk Network	Delay construction from FY 15 to FY 16	Allow additional time for design.
C-5541	Providence Road Sidewalk	Delay construction from FY 15 to FY 16	Allow additional time for design.

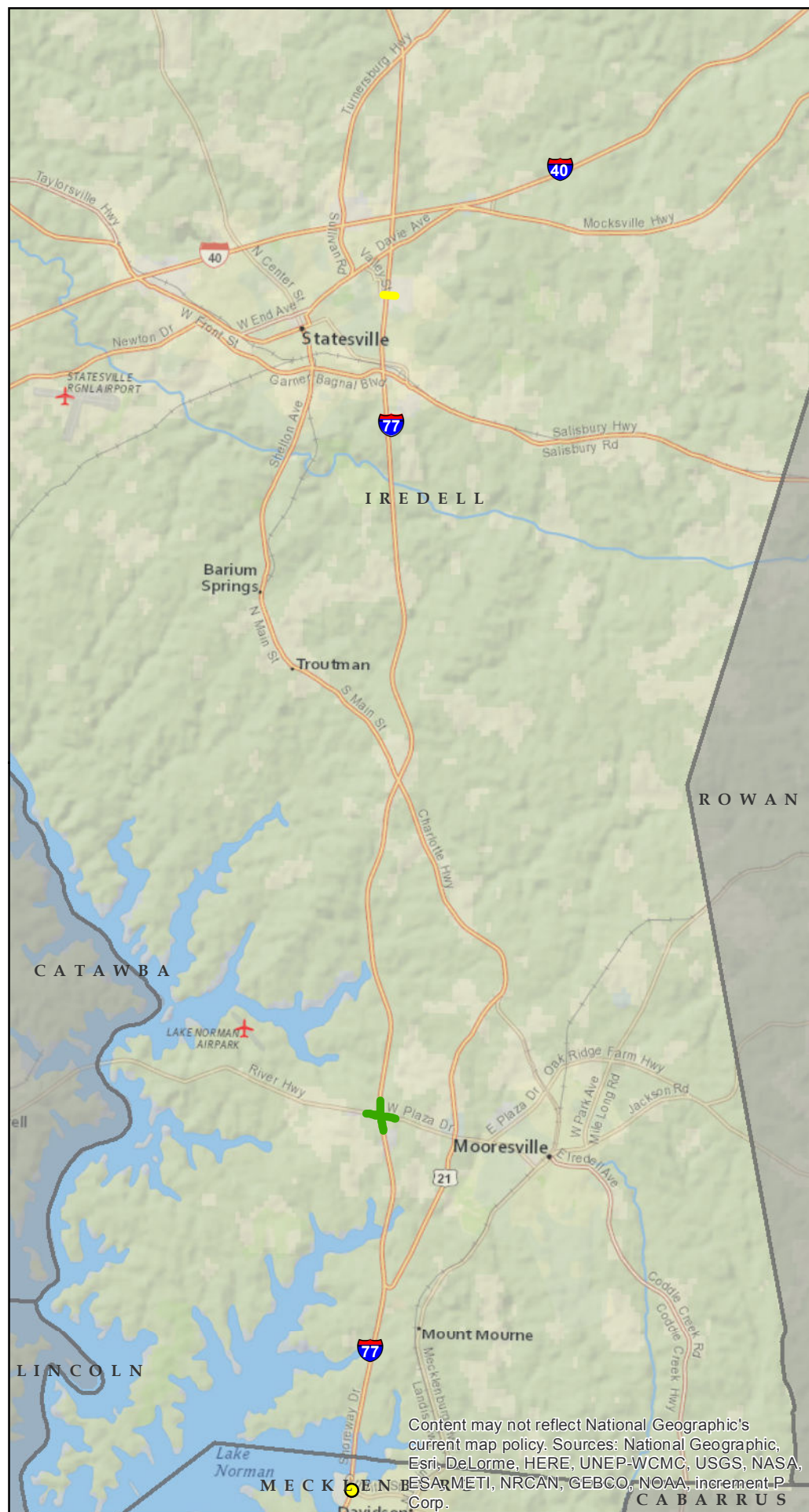
**DRAFT CRTPO Bonus Allocation and STP-DA Project List**  
 Forwarded to the MPO by the TCC for review and consideration  
 Updated February 26, 2015

Jurisdiction/Sponsor	TIP ID	Project	Project Type	Mode	STI Tier	Proposed Funding Source	Preliminary Cost Estimate (in millions of \$)
Charlotte		I-77 and Oaklawn Avenue overpass modifications	Bridge modification to allow for greenway crossing under Oaklawn Avenue bridge.	Bike/Ped	Statewide	Bonus Allocation	\$1.0
		I-77 and Sunset Road Interchange Improvements	Interchange Improvements	Highway	Statewide	Bonus Allocation	\$12.0
		US 21 Widening (Sunset Road to Harris Blvd)	Environmental Document	Highway	Regional	Bonus Allocation	\$1.0
		Lakeview Road "farm-to-market" Upgrade (US 21 - NC 115)	Upgrade roadway from a rural ditch cross section to a curb and gutter section with sidewalks and bicycle lanes on both sides of roadway.	Highway	Division	Bonus Allocation	\$9.0
		N.University Research Park I-85 Overpass	Overpass on new location	Highway	Division	STP-DA	\$7.4
CATS		Replacement of Fareboxes on CATS buses	Transit Maintenance/Replacement	Transit	Division	STP-DA	\$3.5
Cornelius	C-5621	US 21 & Catawba Avenue Roundabout	Intersection Improvements	Highway	Regional	Bonus Allocation	\$6.7
	U-5767	US 21 Widening (Northcross Center Ct to Westmoreland Rd)	Arterial Widening	Highway	Regional	Bonus Allocation	\$23.0
		NC 115 & Potts Street Intersection Improvement	Intersection Improvements	Highway	Regional	Bonus Allocation	\$6.0
	U-5108	Northcross Drive Extension	New Road on New Location	Highway	Division	Bonus Allocation	\$2.0
		Torrence Chapel Rd & W. Catawba Avenue Intersection Improvements	Intersection Improvements	Highway	Division	Bonus Allocation	\$5.0
		S. Prong Rocky River Greenway (South St-Main Street)	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.7
		NC 115 Sidewalk and Bike Lane Modernization (Smith Road - Potts St)	Sidewalk and bicycle lane modernization	Bike/Ped	Division	STP-DA	\$0.2
	McDowell Creek Trib. Greenway (Catawba Ave to Washam Potts Road)	Construct new Greenway	Bike/Ped	Division	STP-DA	\$1.4	
Davidson		I-77 Exit 30 (Griffith St) Northbound and Southbound Ramps Roundabouts Project	Construct Roundabouts at the North and Southbound Ramp Termini	Highway	Statewide	Bonus Allocation	\$3.0
		Potts-Sloan-Beatty Connector	Construct Roadway on new location	Highway	Division	Bonus Allocation	\$2.2
Huntersville		I-77 & Hambright Road HOT Lane Interchange	Convert grade separation to HOT Lane Direct Connection interchange	Highway	Statewide	Bonus Allocation	\$37.0
		Torrence Creek Tributary Greenway Underpass of I-77 between Exits 23 and 25	Freeway Widening	Highway	Statewide	Bonus Allocation	\$6.0
		NC 115 Two-Way Pair (Main Street Upgrade)	Upgrade Main Street corridor to effectively handle additional traffic volume from NC 115 corridor.	Highway	Regional	Bonus Allocation	\$5.0
	U-5114	US 21 & Gilead Road Intersection Improvement	Intersection Improvements	Highway	Regional	Bonus Allocation	\$3.5
Indian Trail	U-4714C	Old Monroe Road (Indian Trail Rd - Wesley Chapel-Stouts Rd)	Arterial Widening	Highway	Division	STP-DA	\$7.0
	EB-5723	US 74 Multi-Use Path Indian Trail Western Limit - Sardis Church Road)	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.9
		S. Fork Crooked Creek Greenway (Indian Trail-Fairview Rd - US 74)	Construct new Greenway	Bike/Ped	Division	STP-DA	\$1.0
Iredell County Area Transit System		Purchase two replacement buses per year over four years (eight buses total)	Replacement of transit rolling stock	Transit	Division	STP-DA	\$0.4
		ICATS office expansion (Feasibility Study/Preliminary Engineering)	Feasibility Study	Transit	Division	STP-DA	\$60k
Matthews	U-4714A	John St (Trade St - I-485)	Arterial Widening	Highway	Division	STP-DA	\$12.3
	R-211EC	I-485 & Weddington Road Interchange	Convert grade separation to interchange	Highway	Division	STP-DA	\$20.0
		Pleasant Plains Road Bicycle Lanes (Trade St - McKee Road)	Construct Bicycle Lanes	Bike/Ped	Division	STP-DA	\$0.2
Monroe	U-2549	Monroe Northern Loop (US 74 to Walkup Av)	New Road on New Location	Highway	Division	STP-DA	\$4.0
Mecklenburg County		Mallard Creek Greenway Connector to CATS Park and Ride in Charlotte	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.1
		Stewart Creek Greenway (State St - Rozzelles Ferry Rd) in Charlotte	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.4
		McAlpine Creek Greenway (Green Rea Rd - Johnston Road) in Charlotte	Construct new Greenway	Bike/Ped	Division	STP-DA	\$1.1
		Sam Newell Road Multi-Use Path (Rice Rd - Crown Pt Elementary School) in Matthews	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.3
		Irvin Creek Greenway (Idlewild Road - Lakeview Circle) in Charlotte	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.9
		McDowell Creek Greenway (NC 73-Torrence Creek Greenway) in Huntersville	Construct new Greenway	Bike/Ped	Division	STP-DA	\$1.6
Mooresville		NC 801 and NC 150 Intersection Improvements	Intersection Improvements	Highway	Regional	Bonus Allocation	\$0.6
	U-5817	Fairview Flyover Transportation Network	Construction of additional transportation facilities to support new I-77 overpass.	Highway	Division	Bonus Allocation	\$8.0
	R-2307	NC 150 Widening (Harvel to Perth) [Mooresville portion of local match for bike/ped enhancements]	Municipal portion of participation in Bike/Ped portion of the widening.	Highway	Regional	Bonus Allocation	\$3.2

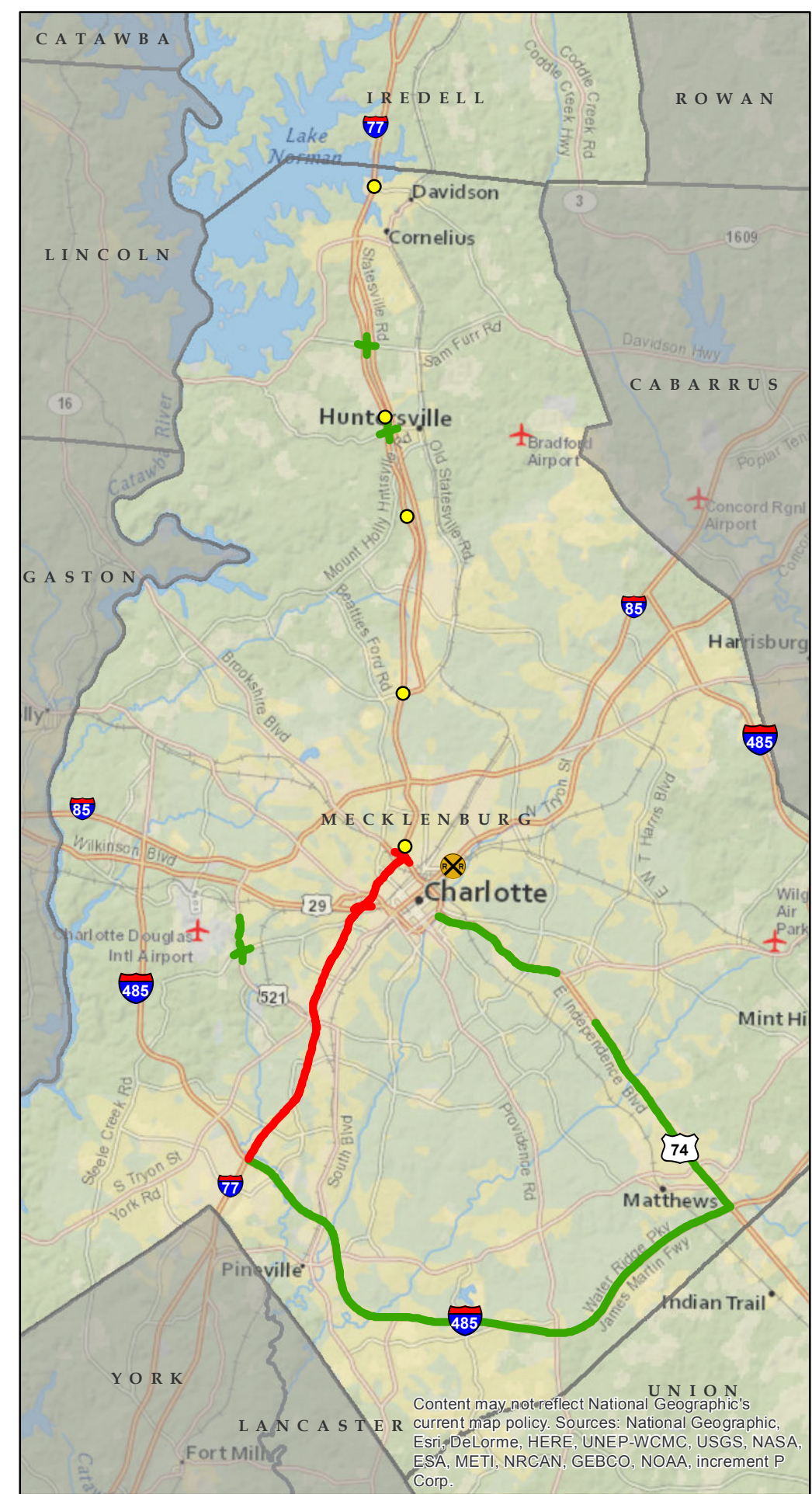
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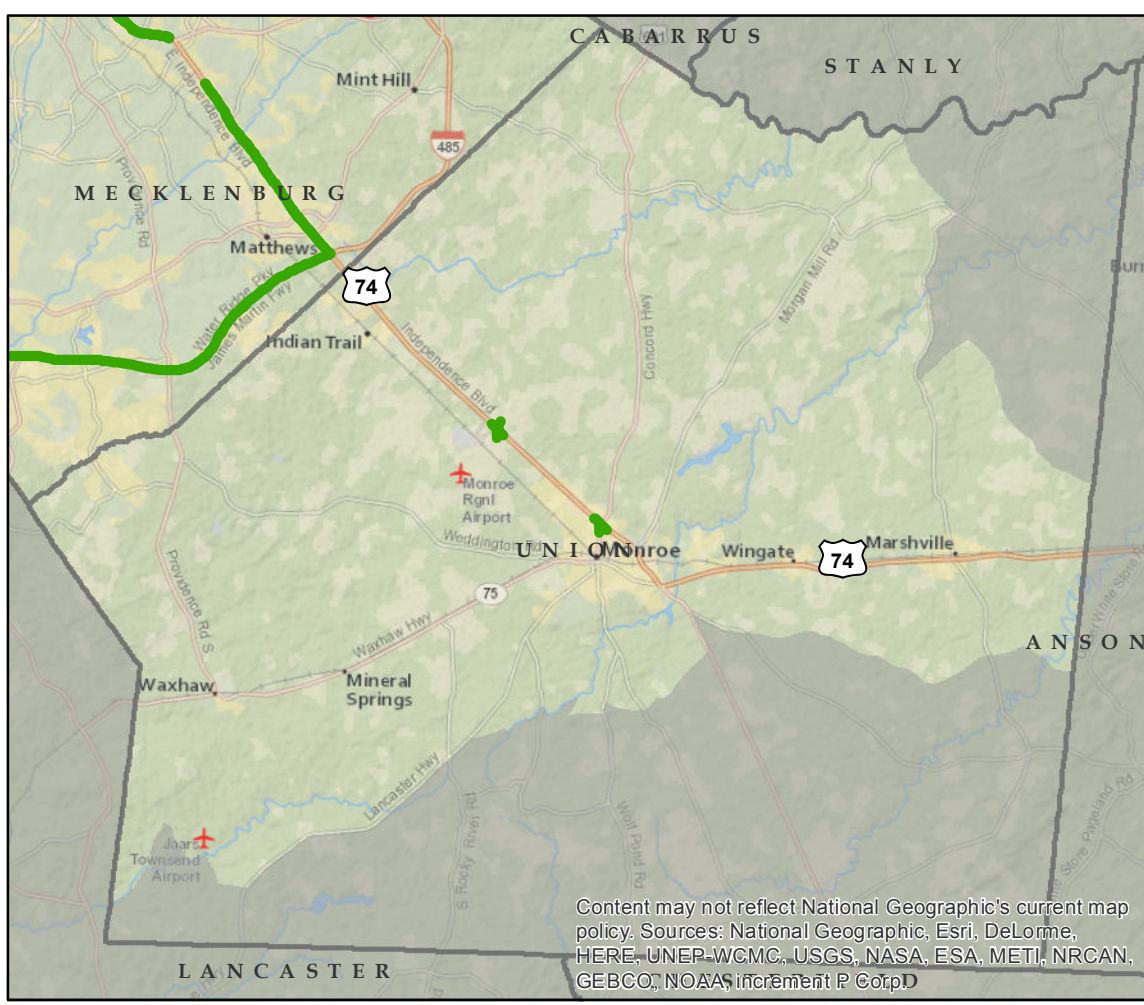
Jurisdiction/Sponsor	TIP ID	Project	Project Type	Mode	STI Tier	Proposed Funding Source	Preliminary Cost Estimate (in millions of \$)
Mooresville	R-2307	NC 150 Widening (Harvel to Perth) [Division 12 portion of NCDOT match for bike/ped enhancements]	NCDOT portion of participation in Bike/Ped portion of the widening.	Highway	Regional	Bonus Allocation	\$3.9
		Bellingham Park Greenway Extension to Johnson Dairy Road	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.5
Stallings	U-4913	Idlewild Road (I-485 to Stevens Mill Rd)	Arterial Widening	Highway	Division	STP-DA	\$7.0
Statesville		I-77 and Broad Street Improvements	Bridge Replacement and Corridor Improvement	Highway	Statewide	Bonus Allocation	\$30.0
		Shelton Avenue Multi-Use Path (Garner Bagnal Blvd - Amity Hill Road)	Construct new Greenway	Bike/Ped	Division	STP-DA	\$0.6
Various		Statesville/Charlotte/Rock Hill Corridor Study	Planning Study	Highway	Statewide	Bonus Allocation	\$2.5
Wesley Chapel		Weddington Road Sidewalk (Waxhaw-Indian Trail Road to Lester Davis Road)	Construct new Sidewalk	Bike/Ped	Division	STP-DA	\$0.1



**Iredell County Projects**



**Mecklenburg County Projects**

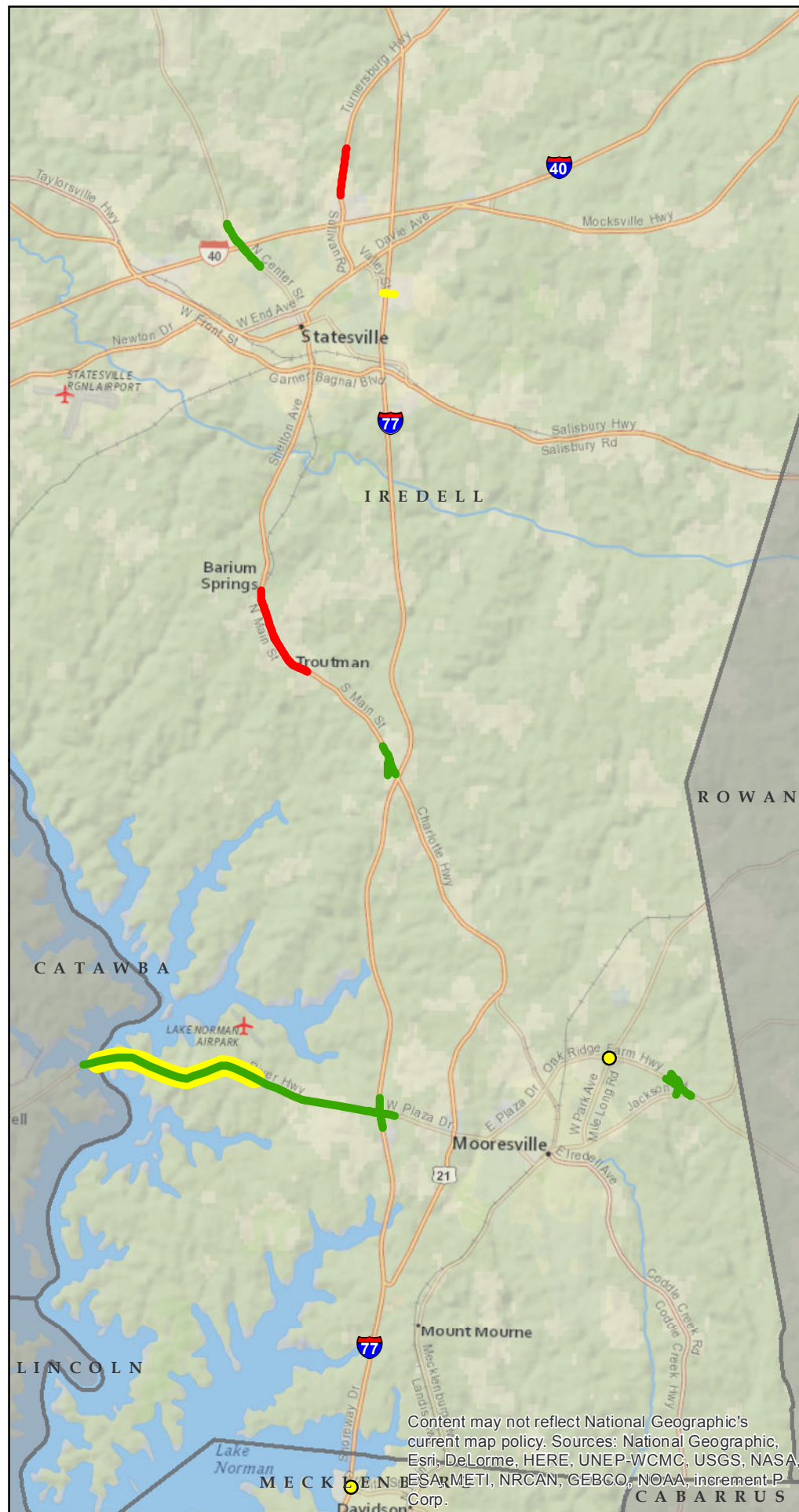


**Union County Projects**

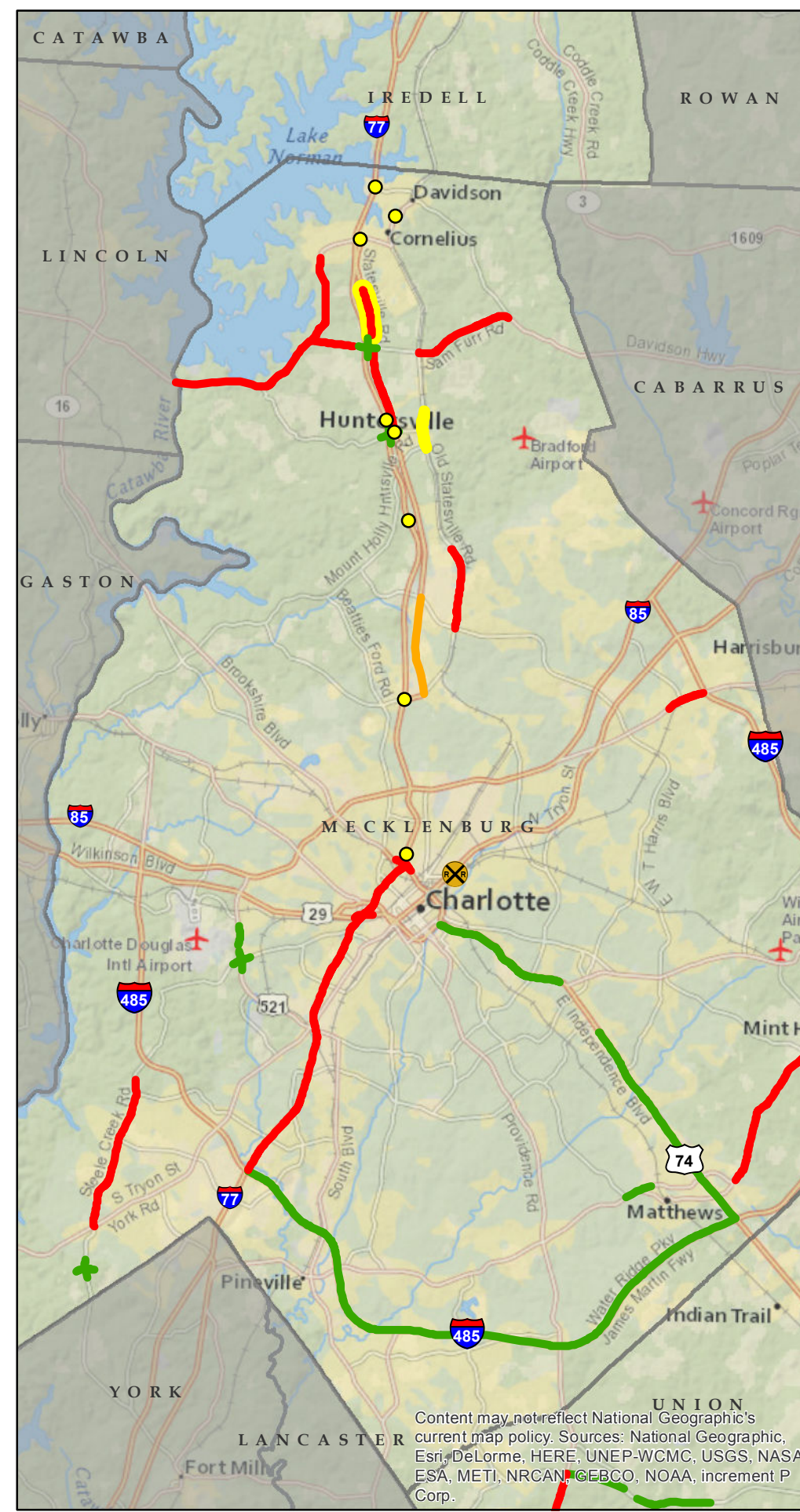
- Committed TIP Highway Projects (16-20)
- ▬ Committed TIP BikePed Projects (16-20)
- TIP Highway Projects to be Reprioritized (21-25)
- ▬ TIP BikePed Projects to be Reprioritized (21-25)
- Proposed Bonus Allocation Project
- ▬ Proposed B.A. Enhancement on DRAFT STIP Project
- Proposed B.A. Environmental Analysis Project
- Proposed STP-DA Project
- ▬ Proposed STP-DA on DRAFT STIP Project
- ▬ Proposed STP-DA Bike/Ped Project
- Proposed B.A. Intersection/Interchange Project
- Proposed STP-DA Interchange Project

**DRAFT - Subject to Change**  
2/26/2015 - Version 2

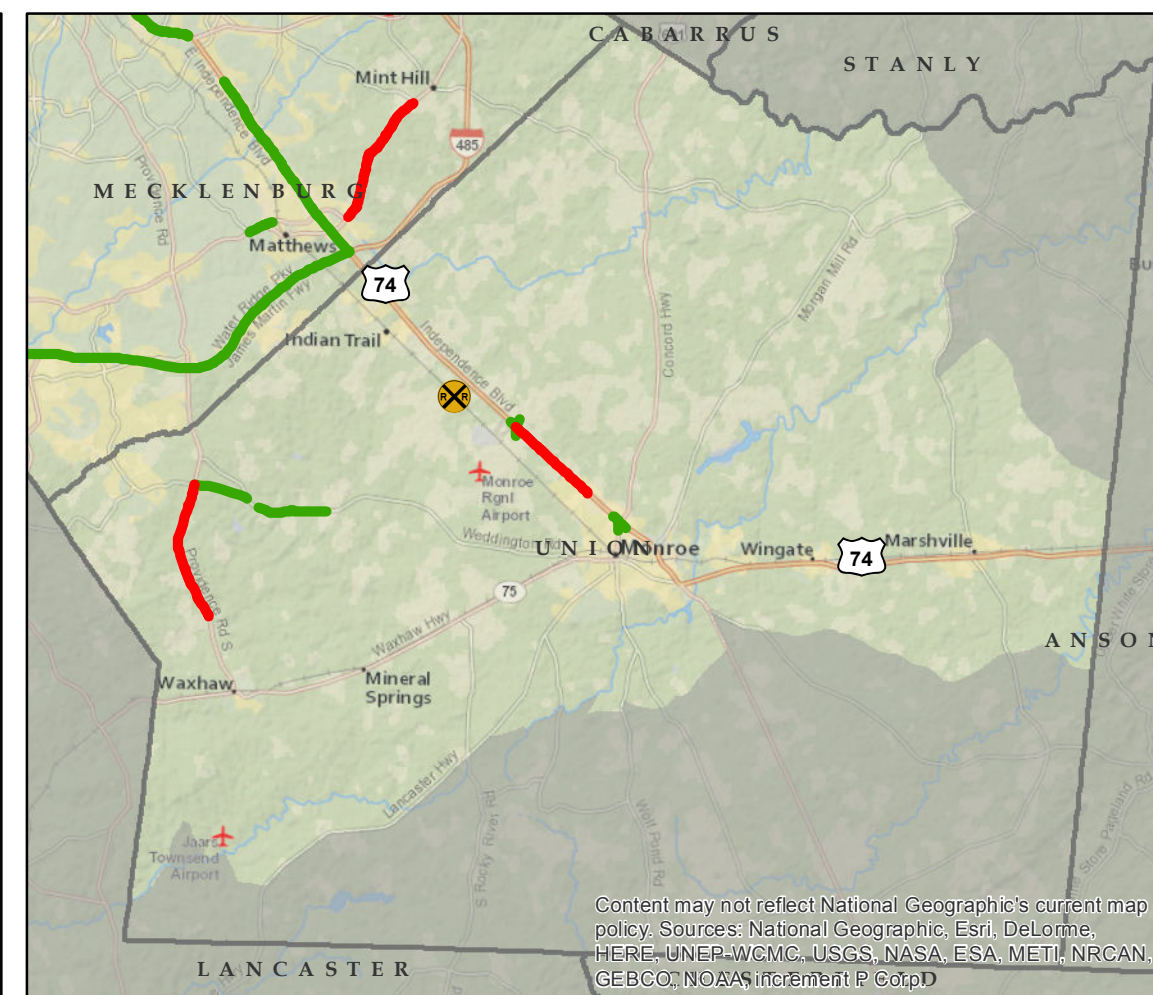




## Iredell County Projects



## Mecklenburg County Projects



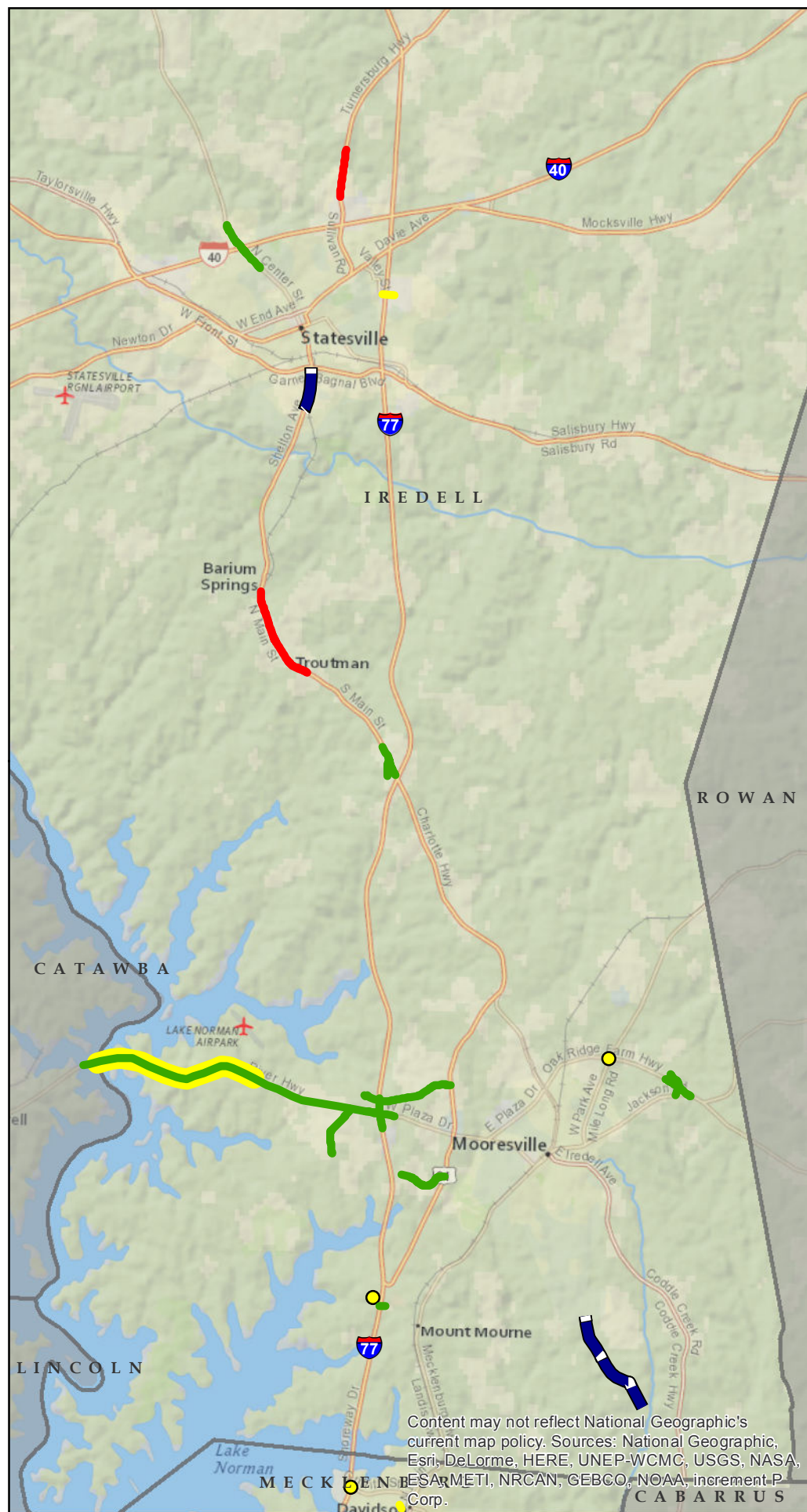
## Union County Projects

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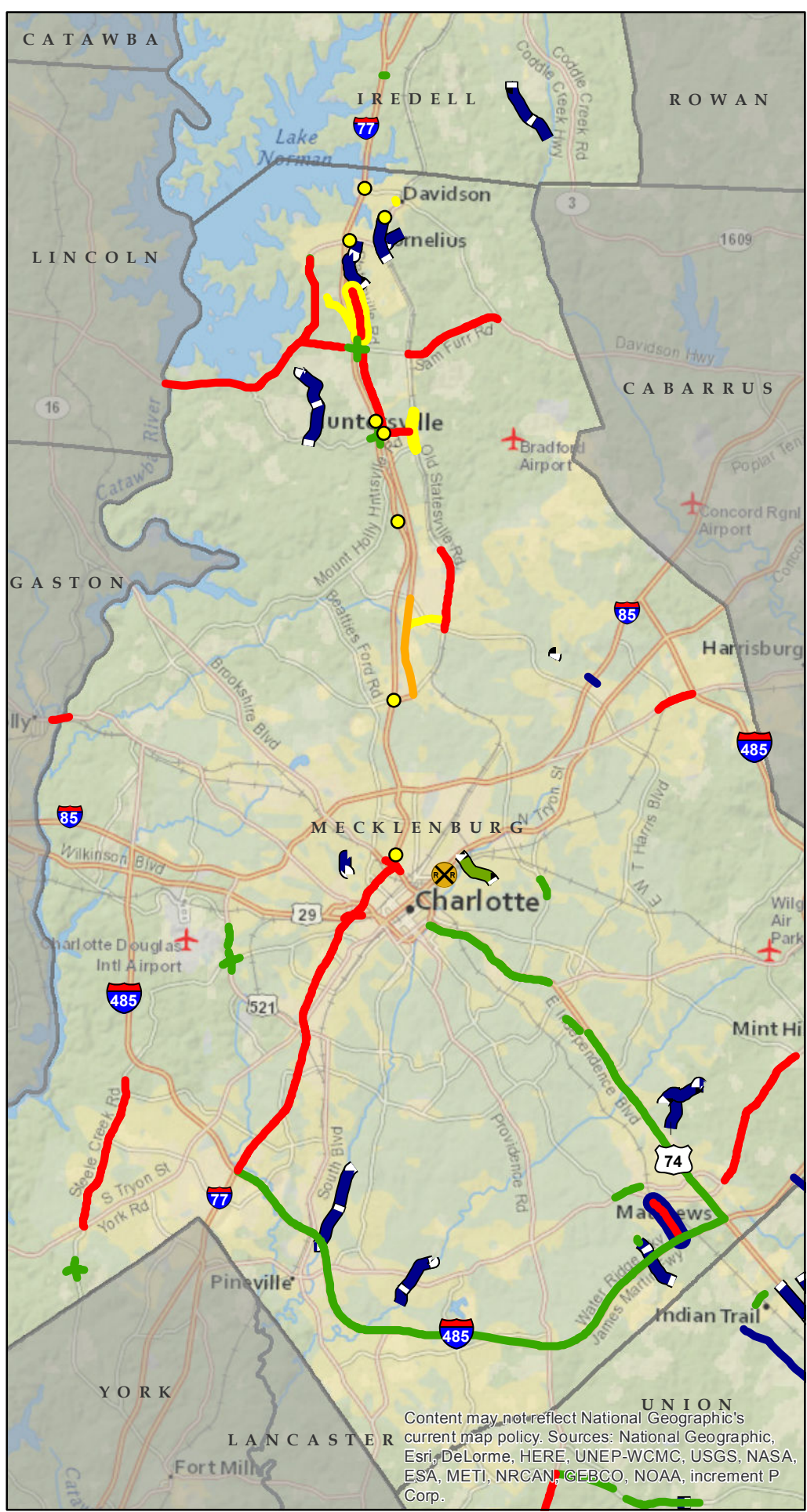
**DRAFT - Subject to Change**

2/26/2015 - Version 2

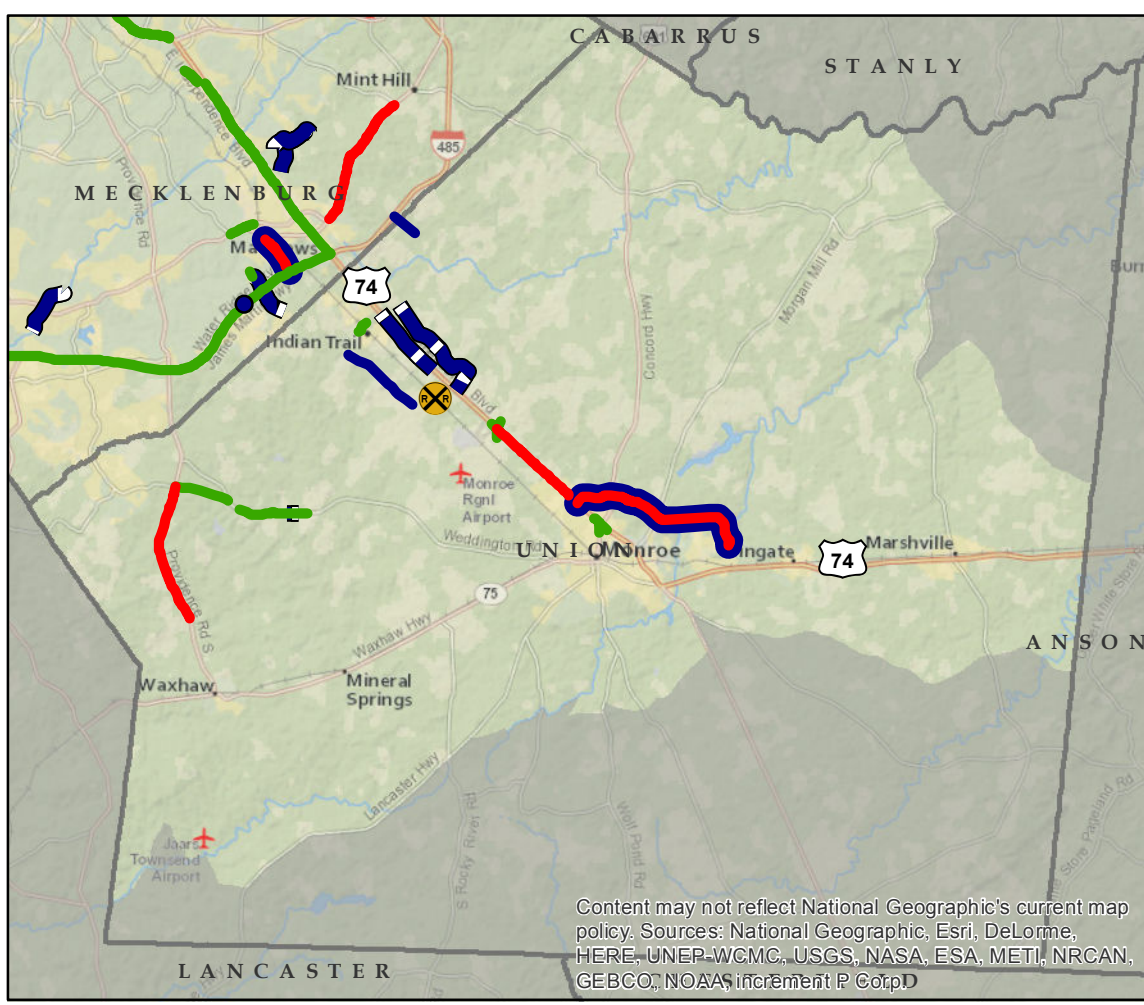




**Iredell County Projects**



**Mecklenburg County Projects**



## Union County Projects

- Committed TIP Highway Projects (16-20)
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**DRAFT - Subject to Change**  
2/26/2015 - Version 2





TO: Technical Coordinating Committee Members  
 FROM: Robert W. Cook, AICP  
 CRTPO Secretary  
 DATE: February 25, 2015  
 SUBJECT: **FY 2015 Unified Planning Work Program Amendment**

**ACTION REQUESTED**

Recommend to the MPO that it amend the FY 2015 UPWP as presented.

**BACKGROUND**

A mid-year review of the FY 2015 UPWP was conducted and found that minor adjustments are necessary to address funding shortfalls in three task codes. The following details the proposed changes.

Task Code	Task Code Description	Original Funding Amount	Balance as of End of 2 <sup>nd</sup> Quarter	Amount to be Added	New Total
V-2	Air Quality/Conformity Analysis	25,000	-2,380	30,000	27,620
V-4	Transportation Improvement Program	50,000	22,000	10,000	32,000
VI-11	Regional or Statewide Planning	11,000	2,494	10,000	12,494
<b>Total</b>				<b>\$50,000</b>	<b>\$72,114</b>

The following details the source of the \$50,000 to be added to the three task codes listed above.

Task Code	Task Code Description	Original Funding Amount	Balance as of End of 2 <sup>nd</sup> Quarter	Amount to be Removed	New Total
V-1	Congestion Management Strategies	150,000	149,742	50,000	99,742



TO: Technical Coordinating Committee Members

FROM: Robert W. Cook, AICP  
 CRTPO Secretary

DATE: February 26, 2015

**SUBJECT: FY 2016 Unified Planning Work Program  
 Section 5303 Allocations**

**REQUEST**

Recommend to the MPO that it adopt the Section 5303 portion of the FY 2016 UPWP.

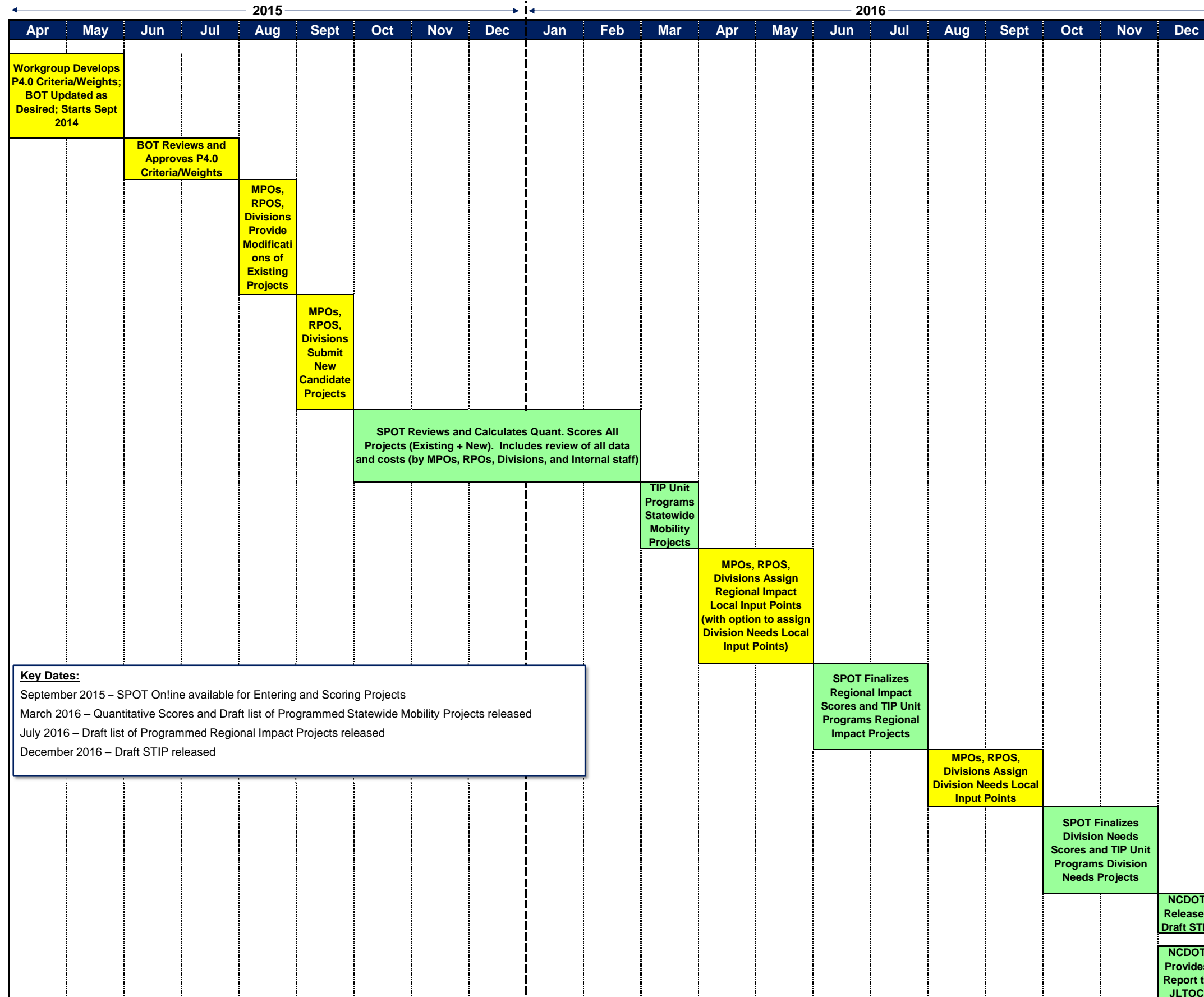
**BACKGROUND**

Section 5303 funds are provided to MPOs by the Federal Transit Administration (FTA) to support transit-related planning activities in urbanized areas. The table below shows the proposed allocations of Section 5303 funds for FY 2016. The proposed allocations have been agreed to by CATS and CDOT staff.

Task Code	Task Code Description	CDOT	CATS
III-1	Collection of Base Year Data	2,000	N/A
III-3	Travel Model Updates	91,200	N/A
III-6	Forecast of Future Travel Patterns	N/A	100,000
IV-3	Transit Element of the LRTP	N/A	200,000
V-2	AQ/Conformity Analysis	10,000	N/A
VI-10	Corridor Protection & Special Studies	N/A	42,560
	Subtotal	103,200	342,560
	<b>Total</b>	<b>\$445,760</b>	

Prioritization 4.0 Tentative Schedule (Two 60 Day Local Input Periods) - Option A (Recommended by P4.0 Workgroup)

**DRAFT - SUBJECT TO CHANGE**



**Notes:**  
 Green Box = Decisions / Approvals  
 Yellow Box = NCDOT Work Tasks