

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, November 6, 2014
10:00 a.m.-Noon

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

NOVEMBER TCC MEETING AGENDA ITEMS:

1. 2015 TCC Meeting Dates
2. Toll Facility Bonus Allocation Subcommittee
3. Prioritization 4.0 Work Group Update
4. MAP-21 Performance Measures for MPOs

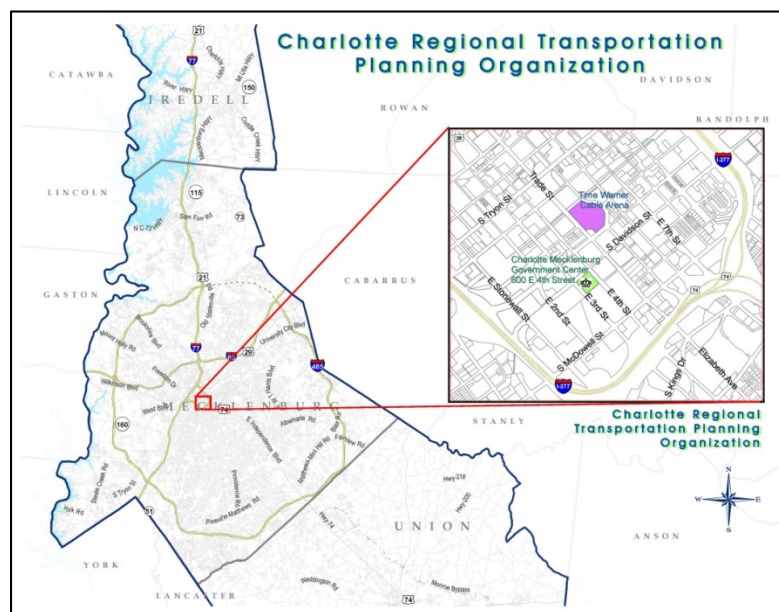
CRTPO Staff Contact:
Neil Burke, AICP, PTP
Senior Principal Planner
(704) 353-0198
nburke@charlottenc.gov

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.

In compliance with the Americans with Disabilities Act (ADA), accommodations will be provided for persons who require assistance in order to participate in Charlotte Regional Transportation Planning Organization meetings. If assistance is needed or to request this document in an alternative format, please contact CRTPO at (704) 336-2205 or (704) 336-5123 (fax).



TECHNICAL COORDINATING COMMITTEE MEETING AGENDA

Thursday, November 6, 2014 | 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**

 - a. Introductions
 - b. Adoption of Today's Agenda

2. **CONSENT AGENDA (5 minutes)** **Danny Pleasant**

 - a. Approval of October 2, 2014 TCC Minutes
 - b. TIP Amendments – See attached memorandum

3. **TCC BUSINESS (5 Minutes)**

 - a. **2015 TCC Meeting Dates** **Neil Burke**
ACTION REQUESTED:
 - Consider approving the twelve scheduled TCC meeting dates for 2015.
 - Consider moving the TCC meeting date from January 1 to January 8, 2015 in observance of New Year's Day.
ATTACHMENT: 2015 TCC Meeting Dates Memorandum

4. **TCC INFORMATION REPORTS (50 Minutes)**

 - a. **Toll Facility Bonus Allocation Subcommittee** **Bill Coxe**
BACKGROUND:
 - Due to the cancellation of the October MPO meeting, the attached TOLLED Facility Bonus Allocation update memorandum was e-mailed to MPO delegates and alternates on October 17, 2014.
 - The subcommittee's draft schedule of the programming of bonus allocation funds between November 2014 and July of 2015 will be presented.
 - An update on the meeting between subcommittee members and I-77 Mobility Partners, LLC will be provided.
ATTACHMENTS: Tolled Facility Bonus Allocation Update Memo and Project List

 - b. **Prioritization 4.0 Work Group Update** **Neil Burke**
BACKGROUND:
 - Staff serves on the Prioritization 4.0 Work Group and three meetings have been held to suggest modifications to scoring, parameters and processes involved in developing P4.0.

- Input is desired on the number of years of considered “committed” in the ten year work program.
- Input is desired on a public involvement schedule for MPOs and Divisions in P4.0.

ATTACHMENTS: P4.0 Programming Scenarios, P4.0 Public Involvement Scenarios

c. **MAP-21 Performance Measures for MPOs**

Robert Cook

BACKGROUND:

- MAP-21 specified that Metropolitan Planning Organizations (MPOs) will be required to establish and use a performance-based approach to transportation decision making and development of transportation plans.
- The rulemaking process is now underway to incorporate the MAP-21 requirements into the metropolitan transportation planning regulations (23 CFR 450.300).
- State DOTs have one year to select performance targets after the rules are finalized.
- Following state DOT selection of performance targets, MPOs have six months to establish performance targets.
- State DOTs and MPOs are required to work together to establish targets.

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

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

**NCDOT Staff
Curtis Bridges**

6. **ADJOURN**

CRTPO TECHNICAL COORDINATING COMMITTEE
Summary Meeting Minutes
Charlotte-Mecklenburg Government Center
Room 267
October 2, 2014

Voting Members: *Chair* - Danny Pleasant (CDOT), Jonathan Wells – alt for Ed McKinney (C-M Planning), David Meachum (Charlotte E&PM), Bill Coxe (Huntersville), Wayne Herron – alt for Andrew Grant (Cornelius), Adam McLamb – alt for Scott Kaufhold (Indian Trail), Andrew Ventresca (Iredell County), Ralph Messera (Matthews), John Rose – alt for David McDonald (CATS), Jim Loyd – alt for Lisa Stiwinter (Monroe), Kelsie Anderson (Mooresville), Louis Mitchell (NCDOT – Div. 10), David Keilson – alt for Reuben Chandler (NCDOT – Div. 12), Anil Panicker (NCDOT-TPB), Sherry Ashley (Statesville), Travis Johnson (Davidson), Scott Correll – alt for Scott Curry (Pedestrian Focus Area Representative), Gwen Cook (Greenway Focus Area Representative), Chris Easterly (Stallings)

Staff: Robert Cook (CRTPO), Curtis Bridges (CRTPO), Neil Burke (CRTPO), Candice Leonard (CRTPO), Stuart Basham (NCDOT – Div. 10), Jeff Sloop (NCDOT), Norm Steinman (CDOT), Andy Grzymiski (CDOT), Jeff Derwort (Monroe), Matthew Todd (Iredell County), Loretta Barren (FHWA)

Guests: Todd Steiss (PB), Lynn Purnell (PB), Yolanda Reynolds (Parsons), Paige Hunter (HNTB), Bill Thunberg (LNTC), Meg Fencil (Sustain Charlotte), Steve Blakely (Kimley Horn), Radha Swayampakala (RS&H)

Danny Pleasant opened the meeting at 10:00 AM. TCC members and guests introduced themselves. Robert Cook introduced Candice Leonard, the new Transportation Planning Engineer with CRTPO who started work on September 23, 2014.

1. Adoption of the Agenda

Mr. Pleasant asked if any changes to the agenda are necessary. Hearing none, the October agenda was adopted by acclamation.

2. Consideration of Consent Agenda

Mr. Pleasant explained that the consent agenda for the October meeting did not contain any TIP amendments, and only the September meeting minutes were to be considered for adoption by the TCC. Bill Coxe made a motion to adopt the September meeting minutes with the following addition to the Toll Facility Bonus Allocation agenda item “bonus allocation projects will not count against the \$200 million corridor cap imposed by STI.” Adam McLamb seconded the motion. The motion passed unanimously.

TCC INFORMATION REPORTS

3a. Toll Facility Bonus Allocation Subcommittee

Presenter: Bill Coxe

Summary:

Mr. Coxe began his presentation by summarizing the outcome of the bonus allocation item at the September MPO meeting. He explained that the MPO deferred the guiding principles because of concerns regarding the methodology, and an equitable distribution of projects amongst the member jurisdictions in Mecklenburg and Iredell Counties. Mr. Coxe explained that the subcommittee will provide information to

the members of the MPO in an effort to gain the endorsement of the principles and methodology, recognizing that the MPO has the ultimate discretion in how these funds are programmed.

Mr. Coxe stated that the MPO did approve the opening of a call for projects that will conclude on Friday, October 4. Mr. Coxe indicated that the bonus allocation subcommittee will meet next week to review the scoring of any new submittals and validate that the 69 existing projects in the database were scored in a consistent manner. Kelsie Anderson emphasized that all member jurisdictions within Mecklenburg and Iredell Counties are encouraged to submit candidate projects for the bonus allocation funds, and it is the subcommittee's goal to bring a comprehensive list of projects to the MPO for their consideration.

Mr. Coxe also explained that an alternate project list is being prepared at the request of the MPO to show the projects from the 2040 MTP that will not likely be funded in Prioritization 3.0 that could be eligible to receive the bonus allocation funds.

Mr. Coxe explained that the subcommittee needs to receive feedback from the I-77 Mobility Partners regarding potential projects that the group has proposed within the project limits. Louis Mitchell responded to indicate that NCDOT will meet with the I-77 Mobility Partners in late October or early November and this subject will be discussed at this time. Mr. Pleasant indicated that the response from the I-77 Mobility Partners regarding the use of funds within the project corridor will indicate if the principles need to be revised.

Mr. Pleasant also indicated that the Charlotte City Council will consider the bonus allocation principles amongst other important transportation topics at a workshop on Monday, October 6. Norm Steinman mentioned that the MPO could defer action on this topic until a response is received from I-77 Mobility Partners and if the DRAFT STIP is released on December 1.

3b. MAP-21 Performance Measures for MPOs

Presenter: Robert Cook

Summary:

Mr. Cook explained that the MAP-21 legislation prescribed that MPOs will be required to establish and use a performance-based approach to transportation decision making and development of transportation plans and he asked for direction in developing performance targets from the TCC. He stated that FHWA currently has a draft set of rules to incorporate the MAP-21 requirements into the transportation planning regulations.

Mr. Cook stated that MAP-21 established the following seven national goals to be incorporated into the transportation planning regulations:

- Safety
- Infrastructure condition
- Congestion reduction
- System reliability
- Freight Movement and economic vitality
- Environmental sustainability
- Reduced project delivery delays

Mr. Cook indicated that State DOTs have one year to select performance targets after the rules are finalized, and MPOs will subsequently have six months after this date to establish performance targets. He also indicated that the FHWA guidelines stipulate that State DOTs and MPOs must work together to

develop performance targets. Within the Charlotte region, Mr. Cook reminded the TCC that CRTPO must coordinate with CATS, its neighboring MPOs, NCDOT, and SCDOT on the establishment of targets.

Staff participated in a phone conversation with NCDOT last week regarding the performance target requirement from MAP-21. NCDOT stated that a process framework has not been established to date, and the department will wait until the final requirements are released by FHWA in the spring of 2015 before they will establish performance targets. Mr. Cook emphasized that performance targets will need to be incorporated into the development of the 2045 MTP and may have correlation to Prioritization 4.0, so there is a need for CRTPO to start the process in the near future, ahead of NCDOT. Mr. Cook suggested that CRTPO could take a proactive approach and begin the process of establishing its performance targets, and NCDOT could provide feedback concurrently with the development of its own targets.

Mr. Pleasant polled the TCC on taking a lead role in the development of performance measures in the near term prior to NCDOT developing its criteria, and there was agreement amongst the delegates that this was an appropriate course of action. He also reminded the TCC that CRTPO will have to establish performance targets on pavement condition, safety, and freight mobility, and these are new aspects that MPOs will have to measure.

Loretta Barren stated that the performance targets will only apply to the National Highway System; however, they may also apply to bridges that are on the state inventory. She emphasized that the process of developing performance targets is intended to be developed from the “bottom up”, with MPO targets helping State DOTs achieve their targets, and in turn; the State DOT performance targets would assist the FHWA targets.

Ms. Anderson inquired about the role that MPOs will have in developing targets relative to the State DOT performance targets. Mr. Cook stated that while MPOs can have different targets; however, it is wise to have targets that will benefit the DOTs measures. He mentioned that this can be achieved by involving NCDOT statewide and Division staff in the development of CRTPO’s targets. Mr. Cook reminded the TCC that ultimately these performance measures will be considered in the development of future TIPs.

Mr. Cook indicated that he would develop a work plan and suggest participants in the effort to create performance targets for CRTPO.

3c. CRTPO TIP Database

Presenter: Robert Cook and Todd Steiss, PB

Summary:

Mr. Cook summarized the purpose and need for CRTPO to develop a TIP database for its website. He mentioned that this tool will make finding TIP projects easier for TCC and MPO members as well as the general public.

Todd Steiss provided information regarding the development of the TIP Database to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes [here](#). The presentation covered the following points:

- The data for CRTPO’s TIP projects is uploaded to the website from a Microsoft Access database that has been provided by NCDOT.
- Queries can be conducted by TIP number, project description, project type, location, or cost range.

- Project-specific maps and datasheets can be generated on an ad-hoc basis.
- TIP amendments will necessitate continual updates by staff to keep the TIP database accurate.

Mr. Cook explained that there are a few minor modifications that will be made prior to the TIP database going live on CRTPO's website. Staff will continue to maintain and seek to improve this resource.

3d. CONNECT update

Presenter: Jonathan Wells, C-M Planning

Summary:

Mr. Wells explained that he has been tasked to evaluate the deliverables from the CONNECT study to determine the types of data that can be used in the development of CRTPO's 2045 MTP. During last month's meeting, members of the TCC and the CONNECT program forum were solicited to volunteer in the evaluation effort. Mr. Wells reported that Dick Winters, Megan Green, and Travis Johnson from the TCC, several CDOT employees and regional MPO staff will participate in this effort.

He also reported that a CONNECT Program Forum was held in September, with significant discussion focused on engaging the community leaders in the implementation stage of the study.

OTHER REPORTS

4a. NCDOT Report

Stuart Basham provided on several transportation projects in the northeast corridor of Charlotte to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes [here](#).

Mr. Basham's presentation covered the following projects:

- I-485 Outer Loop Completion
- Piedmont Improvement Program/Double Track Project
- Grier Road Grade Separation
- Sugar Creek Grade Separation
- Graham Street Extension
- Bridges on U.S. 29 over Mallard Creek
- Intersection Improvements ~ N.C. 49/Cameron Boulevard
- UNC Charlotte Leftover at Alumni Way

Mr. Coxe suggested that Mr. Basham present this information to the University City Partners group.

Mr. Mitchell announced that NCDOT will be hosting a series of public workshops over the next two weeks on the I-77 HOT lanes project:

- Thursday, October 2 at the Metrolina Regional Traffic Management Center in Charlotte, 2327 Tipton Drive - A public hearing on the issuance of bonds for the I-77 HOT project.
- Public Information sessions on the project will be held at the following times/locations:
 - Wednesday, October 8 in Mooresville at the Charles Mack Citizen Center, 215 N. Main Street.
 - Thursday, October 9 in Huntersville at the North Mecklenburg High School Media Center, 11201 Old Statesville Road.

Mr. Mitchell stated that a separate series of public information sessions will be held prior to the setting of toll rates following the financial close of the project.

David Keilson provided the following project updates on behalf of NCDOT-Division 12:

- A modernization project on Murdock Road in Troutman/Statesville will add a foot of asphalt in each direction beginning next year.
- A milling and resurfacing project has started in the southbound lanes of I-77 from Exit 54 to Exit 45.
- Traffic in the eastbound lanes of I-40 has been shifted to the south in the vicinity of I-77 to accommodate the new bridge structures that are under construction.

4b. Bicycle and Pedestrian Work Group Report

Curtis Bridges indicated that the work group held its first meeting last month, and named additional staff representatives from CATS, northern Iredell County, southern Mecklenburg County, and the NCDOT Divisions 10 and 12. Mr. Bridges is working to identify a representative to serve on the work group from the Charlotte Mecklenburg Schools. The group will develop a methodology and a list of selected projects for the Transportation Alternatives funding that CRTPO has received.

4c. Upcoming Issues

Mr. Pleasant encouraged TCC members to sign up for the NACTO urban bikeway training workshop that will be held at the Charlotte Mecklenburg Government Center on October 9. He also mentioned that the leaders of this training will host a “Charlotte Bike Talk” panel discussion at the Stage Door Theatre within the Blumenthal Performing Arts Center in Uptown Charlotte on the evening of October 9.

Mr. Cook explained that the Charlotte Region did not receive a TIGER grant for the regional freight study, and staff will coordinate with Centralina Council of Governments to determine a scope and schedule for the plan.

5. Adjourn: Mr. Pleasant determined that the agenda had been adequately completed and adjourned the meeting at 11:40 a.m.

TO: TCC Members
 FROM: Robert W. Cook, AICP
 CRTPO Secretary
 DATE: October 30, 2014
 SUBJECT: **2012-2018 TIP Amendments for November 6 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's Program Development Branch.

Statewide Projects			
TIP #	Description	Proposed Amendment	Reason
M-0479	Statewide Project Development and Environmental Analysis, preliminary engineering for miscellaneous projects	Add Preliminary Engineering in FY 15, \$500,000	Not previously programmed
C-5571	NC Railroad, NCDOT Piedmont and Carolinian Passenger Rail Services,	Add funds in FY 15 and FY 16, \$819,000 in both fiscal years	Added at request of Transportation Planning Branch
C-5552	Passenger Rail Service-Charlotte to Raleigh, fourth daily frequency	Delete project from TIP	Work to be accomplished under P-2918
M-0219	Photogrammetry, preliminary engineering for miscellaneous projects	Add Preliminary Engineering in FY 15	No previously programmed
Local Projects			
U-3467A	Rea Road Extension, NC 16 to Twelve Mile Road/NC 84	Delay ROW from FY 16 to FY 17; delay Construction from FY 18 to FY 19	Allow additional time for planning
U-4713B	Campus Ridge Road Realignment, John St. to	Delay Construction from FY 14 to	Allow additional time for design

	Campus Ridge Road	FY 15	
U-5511	NC 51/Matthews-Mint Hill Road Superstreet	Delay Construction from FY 14 to FY 15	Allow additional time for ROW
U-2507AA	Baucom Road Extension	Delete project from TIP	Work to be accomplished under U-2507A
B-5242	Replace Baringer Drive bridge over Irwin Creek	Add ROW in FY 15; add Construction in FY 16	Not previously programmed
B-5378	Replace Michael Baker Road bridge over Briar Creek	Add ROW in FY 15; add Construction in FY 16	Not previously programmed
U-5115	NC 51/Idlewild Road intersection improvements	Add ROW in FY 15	Funds for ROW not previously programmed
C-5225	Toby Creek Greenway, Phase II	Delay Construction from FY 14 to FY 15	Allow additional time for design
I-5405	I-77 HOT Lanes	Delay ROW and Construction from FY 14 to FY 15	Allow additional time for design

TO: TCC Members
FROM: Neil Burke, AICP, PTP
Senior Principal Planner
DATE: October 30, 2014
SUBJECT: **2015 TCC Meeting Dates**

REQUEST

- Consider approving the twelve scheduled TCC meeting dates for 2015.
- Consider moving the TCC meeting date from January 1 to January 8, 2015 in observance of New Year's Day.

BACKGROUND

The TCC typically meets on the first Thursday of each month. The only apparent conflict is meeting on January 1, 2015. The recommended meeting schedule is shown below:

1. January 8 (*recommended reschedule from January 1*)
2. February 5
3. March 5
4. April 2 (*one day prior to Good Friday, Friday April 3*)
5. May 7
6. June 4
7. July 2
8. August 6
9. September 3 (*two days before Labor Day weekend*)
10. October 1
11. November 5
12. December 3

TO: CRTPO Delegates & Alternates
FROM: Robert W. Cook, AICP
CRTPO Secretary
DATE: October 15, 2014
SUBJECT: **Tolled Facility Bonus Allocation Update**

The following is an update on the Tolled Facility Bonus Allocation topic.

Call for Projects

- The MPO approved issuing a call for projects at the September 17 meeting. The call's closing date was Friday, October 3.
- The project call resulted in a total of 75 projects being submitted for consideration.
- A project list is attached.

Schedule

October & November

- TCC Bonus Allocation Subcommittee members and NCDOT staff review projects with I-77 Mobility Partners, LLC; the concessionaire for the I-77 Managed Lanes Project.
- TCC Bonus Allocation Subcommittee review project list
- Report results of project review with I-77 Mobility Partners, LLC at November 19 MPO meeting

December

- Draft Transportation Improvement Program (TIP) to be released by NCDOT; the project list will be reviewed against the draft TIP to determine if projects submitted for bonus allocation funding are proposed for TIP funding
- TCC Bonus Allocation Subcommittee completes technical analysis and revises project list

January to March 2015

- Present options for projects to be funded with bonus allocation funding
- TCC makes recommendation to MPO
- MPO recommends modifications to draft TIP to include projects to be funded with bonus allocation funds

Attachment

Project list

CRTPO Bonus Allocation Project List
Call for Projects Window: September 17-October 3

Project Name	Project Type	Jurisdiction	Submitting Entity	STI Tier
I-277 HOT Lanes Noise Mitigation Enhancements	Roadside Enhancements	Charlotte	CDOT	Statewide
I-77 and Oaklawn Avenue Overpass Modifications	Bridge Modification	Charlotte	Huntersville	Statewide
I-77 Auxillary Lanes (I-85 to Sunset Road Interchange [Exit 16])	Freeway Widening	Charlotte	CDOT	Statewide
I-77 Auxillary Lanes (LaSalle Street Interchange to Brookshire Freeway)	Freeway Widening	Charlotte	CDOT	Statewide
I-77 Exit 16 (Sunset Road) Interchange Improvements	To Be Determined	Charlotte	NCDOT Div 10	Statewide
I-77 HOT Lane Extension to 5th Street	Extend southbound HOT lane to end at 5th St	Charlotte	CATS	Statewide
I-77 Landscaping	Roadside Enhancements	Charlotte	CDOT	Statewide
I-77 Managed Lanes Interchange at Hucks Road Extension	HOT Lane Direct Connection to Thoroughfare	Charlotte	CDOT	Statewide
I-77 Managed Lanes Interchange at Lakeview Road	HOT Lane Direct Connection to Thoroughfare	Charlotte	CDOT	Statewide
I-77 Managed Lanes/Brookshire Freeway Connector	HOT Lane Direct Connection to Freeway	Charlotte	CDOT	Statewide
I-77 Managed Lanes/I-85 Connector	HOT Lane Direct Connection to Freeway	Charlotte	CDOT	Statewide
Irwin Creek Greenway, LaSalle Street to Hamilton Sreet.	Bike ped (greenway)	Charlotte	Mecklenburg County Park and Recreation	Statewide
US 74 and I-277 Managed Lanes Connector	HOT Lane Direct Connection to Freeway	Charlotte	CDOT	Statewide
US 74 HOT Lane Direct Connection to Conference Drive	Construct a direct connection from US 74 Managed Lanes to Conference Drive from the West Side.	Charlotte	CATS	Statewide
Eastern Circumferential Road on New Location (Idlewild Road to US 74)	Construct Roadway on new location	Charlotte	CDOT	Regional
NC 115 Widening (Harris Blvd to I-485)	Thoroughfare Widening	Charlotte	CDOT	Regional
S. Tryon Street Widening (I-77 to Yorkmont Road)	Thoroughfare Widening	Charlotte	CDOT	Regional
Statesville Road Widening (Sunset Road to Harris Blvd)	Thoroughfare Widening	Charlotte	CDOT	Regional
Beatties Ford Road FTM* Upgrade (Fred D Alexander Road to Mt. Holly-Huntersville Road)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Conference Drive Park & Ride	Construct a Park & Ride Lot to promote carpool and vanpool formation	Charlotte	CATS	Division
Gibbon Road FTM* Upgrade (Sugar Creek Road -NC 115)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Lakeview Road & Reames Road Intersection Improvements	Intersection Improvements	Charlotte	CDOT	Division
Lakeview Road FTM* Upgrade (Beatties Ford Road to US 21)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Lakeview Road FTM* Upgrade (US 21 to NC 115)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Monroe Road/Rama Road/Idlewild Road Intersection Improvements	Intersection Improvements	Charlotte	CDOT	Division
North University Research Park I-85 Overpass	Construct a new overpass over freeway	Charlotte	CDOT	Division
Oakdale Road & Sunset Road Intersection Improvements	Intersection Improvements	Charlotte	CDOT	Division
Peachtree Road FTM* Upgrade (Oakdale Road to Sunset Road)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Reagan Road & Tom Hunter Road Intersection Improvements	Intersection Improvements	Charlotte	CDOT	Division
Reames Road FTM* Upgrade (Lakeview Road to Sunset Road)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Sunset Road FTM* Upgrade (Oakdale Road to Beatties Ford Road)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Charlotte	CDOT	Division
Statesville Road Widening (Harris Blvd to Gilead Road)	Thoroughfare Widening	Charlotte, Huntersville	CDOT	Regional
I-77 Exit 28 (Catawba Avenue) Ramp Extension Project	Lengthen Ramps to Current Standards	Cornelius	NCDOT Div 10	Statewide
NC 115 Widening (Washam Potts Road - Potts Street)	Thoroughfare Widening	Cornelius	Cornelius	Regional
NC 115 & Potts Street	Intersection Improvements	Cornelius	Cornelius	Regional
US 21 & Catawba Avenue Roundabout	Intersection Improvements	Cornelius	Cornelius	Regional
US 21 Widening (Northcross Center Court to Westmoreland Road)	Thoroughfare Widening	Cornelius	Cornelius	Regional
US 21 Widening (Westmoreland Road - Catawba Avenue)	Thoroughfare Widening	Cornelius	Cornelius	Regional
I-77 & Westmoreland Road	Convert an existing grade separation to a general purpose interchange.	Cornelius	Cornelius	Division
Northcross Drive Extension	New Road on New Location	Cornelius	Cornelius	Division
Torrence Chapel Road & W. Catawba Avenue Intersection Improvements	Intersection Improvements	Cornelius	Cornelius	Division
W.Catawba Avenue Phase B Widening (NC 73 - Jetton Road)	Thoroughfare Widening	Cornelius	Cornelius	Division
I-77 Exit 30 (Griffith Street) Ramp Extension Project	Lengthen Ramps to Current Standards	Davidson	NCDOT Div 10	Statewide

*FTM is an acronym for Farm to Market Road, which is on NCDOT's secondary road system.

CRTPO Bonus Allocation Project List
Call for Projects Window: September 17-October 3

Project Name	Project Type	Jurisdiction	Submitting Entity	STI Tier
I-77 Exit 30 (Griffith Street) Ramp Roundabouts Project	Construct Roundabouts at the Ramp Termini	Davidson	NCDOT Div 10	Statewide
Potts-Sloan-Beatty Connector	Construct Roadway on new location	Davidson	Davidson	Division
I-485 & NC 115 Interchange Modifications	Thoroughfare Interchange Modification	Huntersville	Huntersville	Statewide
I-77 & Hambright Road Direct HOT lane access	HOT Lane Direct Connection to Thoroughfare	Huntersville	Huntersville	Statewide
I-77 & Mt. Holly-Huntersville Road Direct HOT Lane access	HOT Lane Direct Connection to Thoroughfare	Huntersville	Huntersville	Statewide
I-77 & Stumptown Road Direct HOT Lane access	HOT Lane Direct Connection to Thoroughfare	Huntersville	Huntersville	Statewide
Torrence Creek Tributary #2 Greenway Crossing of I-77	Construct Greenway on new location	Huntersville	Huntersville	Statewide
NC 115 Two Way Pair (Main Street Upgrade)	Construct wider lanes, curb & gutter, bike lanes and sidewalks	Huntersville	Huntersville	Regional
NC 73 Widening (NC 115 to Davidson-Concord Road)	Thoroughfare Widening	Huntersville	Division 10	Regional
US 21 & Gilead Road Intersection Improvements	Intersection Improvements	Huntersville	Huntersville	Regional
Alexanderana Road Widening (Mt Holly-Huntersville Road - NC 115)	Thoroughfare Widening	Huntersville	CDOT	Division
Stumptown Road Park & Ride	Construct a Park & Ride Lot to promote carpool and vanpool formation	Huntersville	CATS	Division
NC 115 Widening (Sam Furr Road-Washam Potts Road)	Thoroughfare Widening	Huntersville, Cornelius	Cornelius	Regional
I-485 & Weddington Road Interchange	Construct a new General Purpose Interchange	Matthews	CDOT	Division
Old Monroe Road Widening (Trade Street - I-485)	Thoroughfare Widening	Matthews	Division 10	Division
Extend I-77 northbound HOT lane North of Exit 36	HOT Lane Operational Improvement	Mooresville	NCDOT Div 12	Statewide
NC 801/NC 150 Intersection Improvements	Turn lanes	Mooresville	Mooresville	Regional
NC 150 Interim Eastbound Lane	Widen to multi-lanes	Mooresville	Mooresville	Regional
NC 150 Widening (Harvel Road to Perth Road)	Funding suppliment to cover the local match for bicycle and pedestrian enhancements on the NC 150 widening project.	Mooresville	Mooresville	Regional
NC 150 Widening (Perth Road to I-77)	Funding suppliment to cover the local match for bicycle and pedestrian enhancements on the NC 150 widening project.	Mooresville	Mooresville	Regional
NC 150/Morrison Plantation Parkway left turn lane	Construct northbound left turn lane	Mooresville	Mooresville	Regional
Brawley School Road widening (Talbert Road to US 21)	Widen to multi-lanes	Mooresville	Mooresville	Division
I-77 and Cornelius Road (Exit 38)	Traffic analysis and feasibility study for new general purpose interchange at Cornelius Road	Mooresville	Mooresville	Division
Fairview Flyover including improvements to the I-77/Exit 33 roadway network	Funding for portions not covered by P3.0 project description	Mooresville	Mooresville	Division
Williamson Road widening (Brawley School Road to I-77)	Widen to multi-lanes	Mooresville	Mooresville	Division
Williamson Road widening (NC 150 to Brawley School Road)	Widen to multi-lanes	Mooresville	Mooresville	Division
I-40/I-77 Interchange, Section C	Broad Street improvements east of I-77 and limited I-77/Broad Street interchange improvements.	Statesville	Statesville	Statewide
I-77 & Jane Sowers Road	Convert grade separation to an interchange.	Statesville	Statesville	Division
I-77 & US 21/NC 115 (Exit 42)	Interchange Improvements	Troutman	Troutman	Statewide
US 21/NC 115 & Houston Road/Flower House Loop Realignment	Realignment of intersection and thru lane	Troutman	Troutman	Regional
Murdock Road Modernizatn	Wider lanes, wider shoulders and realignment	Troutman	Troutman	Division
Statesville/Charlotte/Rock Hill Corridor Study	Planning Study	Various	Huntersville	Statewide

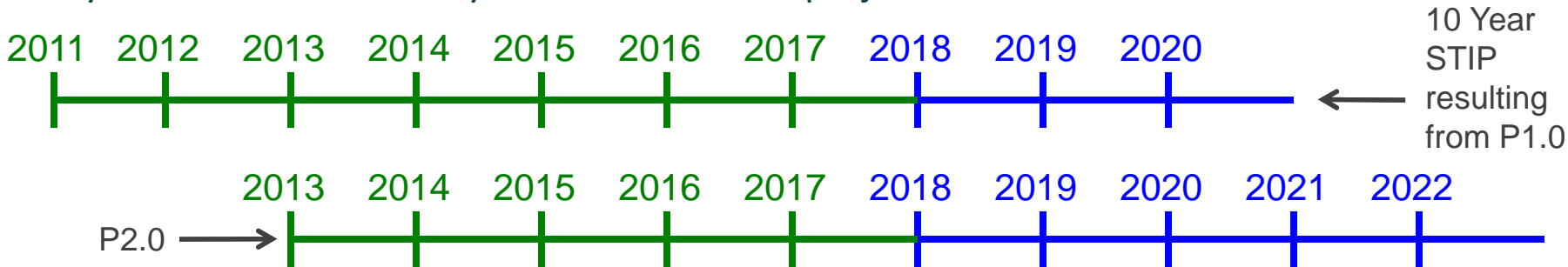
*FTM is an acronym for Farm to Market Road, which is on NCDOT's secondary road system.

Projects Subject to P4.0

Need to determine which projects are considered “Committed” vs. “Subject to Reprioritization”

P2.0 – First 7 Years (of 10 Year Program) were considered Committed; Last 3 Years were Subject to Reprioritization

- Always have minimum of 5 years of committed projects

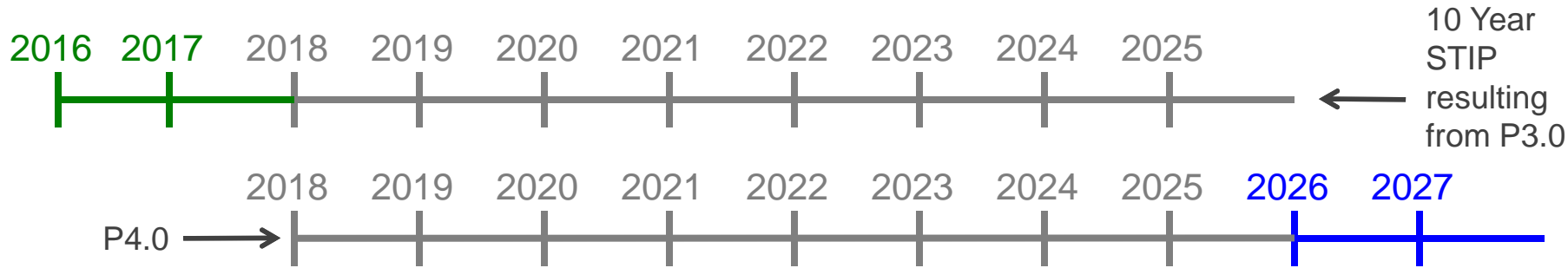


Green = Committed Projects

Blue = Projects to Evaluate through Prioritization Process

P3.0 – STI Legislation specified which projects are subject to prioritization

Projects Subject to P4.0



Green = Committed Projects

Blue = Projects to Evaluate through Prioritization Process

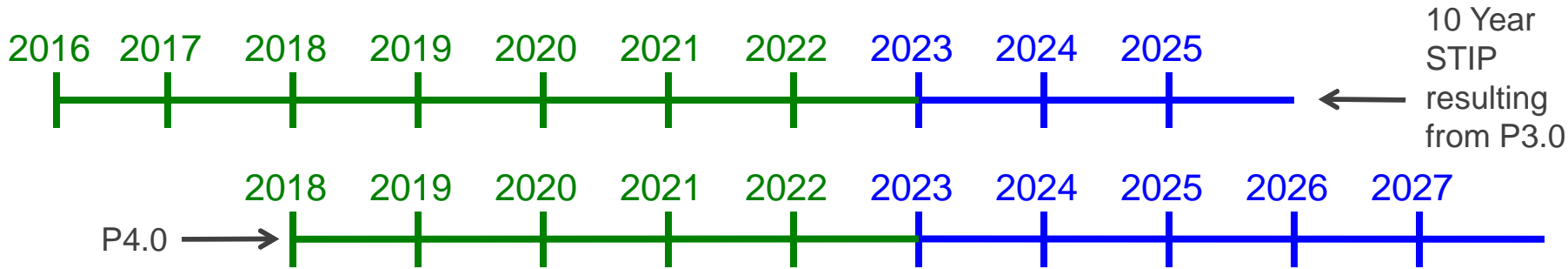
Grey = To Be Determined

Potential Options

- Committed Projects = first 7 years (2018-2024) based on Construction Date
- Committed Projects = first 7 years (2018-2024) based on R/W Date
- Committed Projects = first 8 years (2018-2025) based on Construction Date
- Others?

Projects Subject to P4.0

First 7 Years Committed based on Construction Date



Green = Committed Projects

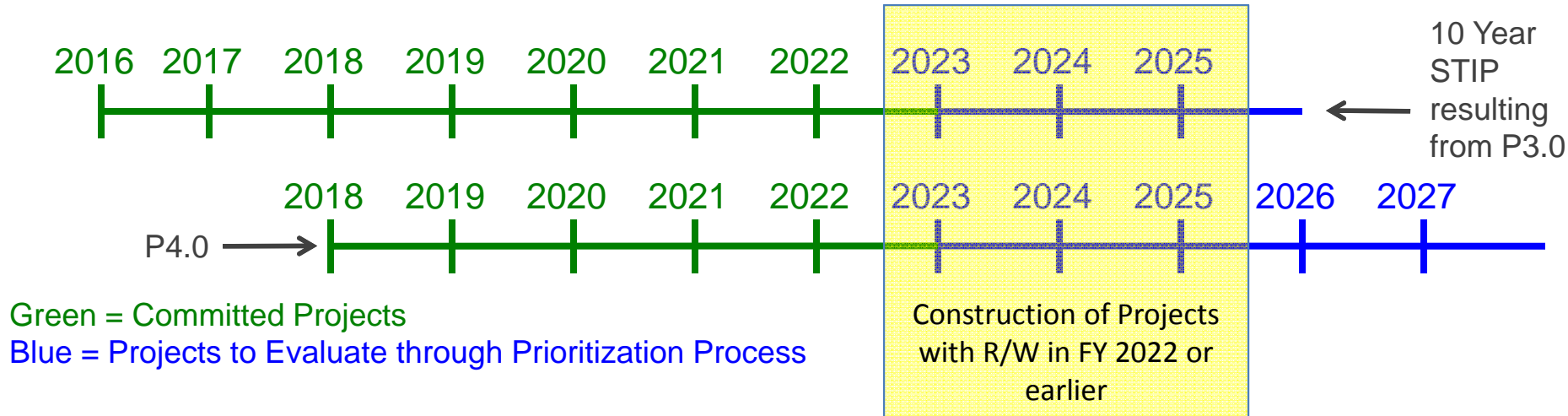
Blue = Projects to Evaluate through Prioritization Process

Notes

- Consistent with previous efforts
- NCDOT provides EEP 7 year list of new projects for mitigation
- EEP requires 5 yrs to plan, design, construct, and monitor mitigation sites to obtain permits
- Potential for projects with let date in FY 23, 24, or 25 (R/W in FY 21 or 22) might not make the cut if criteria/scores change; Sunk/Wasted PE costs

Projects Subject to P4.0

First 7 Years Committed based on R/W Date

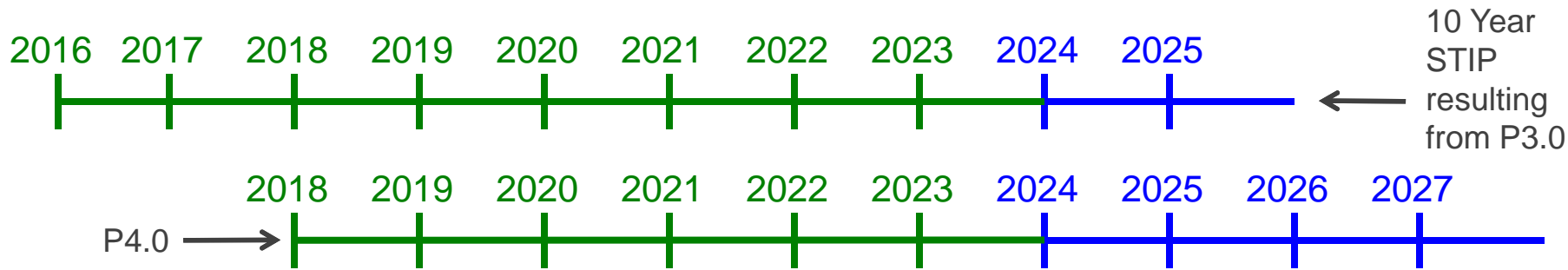


Notes

- Low potential for sunk PE costs if priorities change (most stability)
- Few dollars over 10 years available for results from P4.0 scoring due to construction of projects with R/W in FY 2022 or earlier

Projects Subject to P4.0

First 8 Years Committed based on Construction Date



Green = Committed Projects

Blue = Projects to Evaluate through Prioritization Process

Notes

- NCDOT provides EEP 7 year list of new projects for mitigation
- EEP requires 5 yrs to plan, design, construct, and monitor mitigation sites to obtain permits
- Potential for projects with let date in FY 24 or 25 (R/W in FY 22 or 23) might not make the cut if criteria/scores change; Sunk/Wasted PE costs

P4.0 Schedule

Need decision on schedule in early November, 2014

Schedule depends on two main factors:

- # of Local Input Point Assignment Periods
- IT Schedule/Extent of Changes for P4.0 - Earliest SPOT On!ine will be ready for scoring existing/new projects is September 1st

Options (4):

- Two 60 day local input periods (1 option)
- One 90 day local input period (3 options)

Note – Two 90 day local input periods considered but not feasible with IT schedule

SPOT On!ine

GIS-based web application for entering and scoring projects

- Allows user to test projects and obtain preliminary scores for highway and bike/ped projects
- Generates high-level, planning level costs
- Allows users to enter local input points
- Developed specifically for STI – unique application

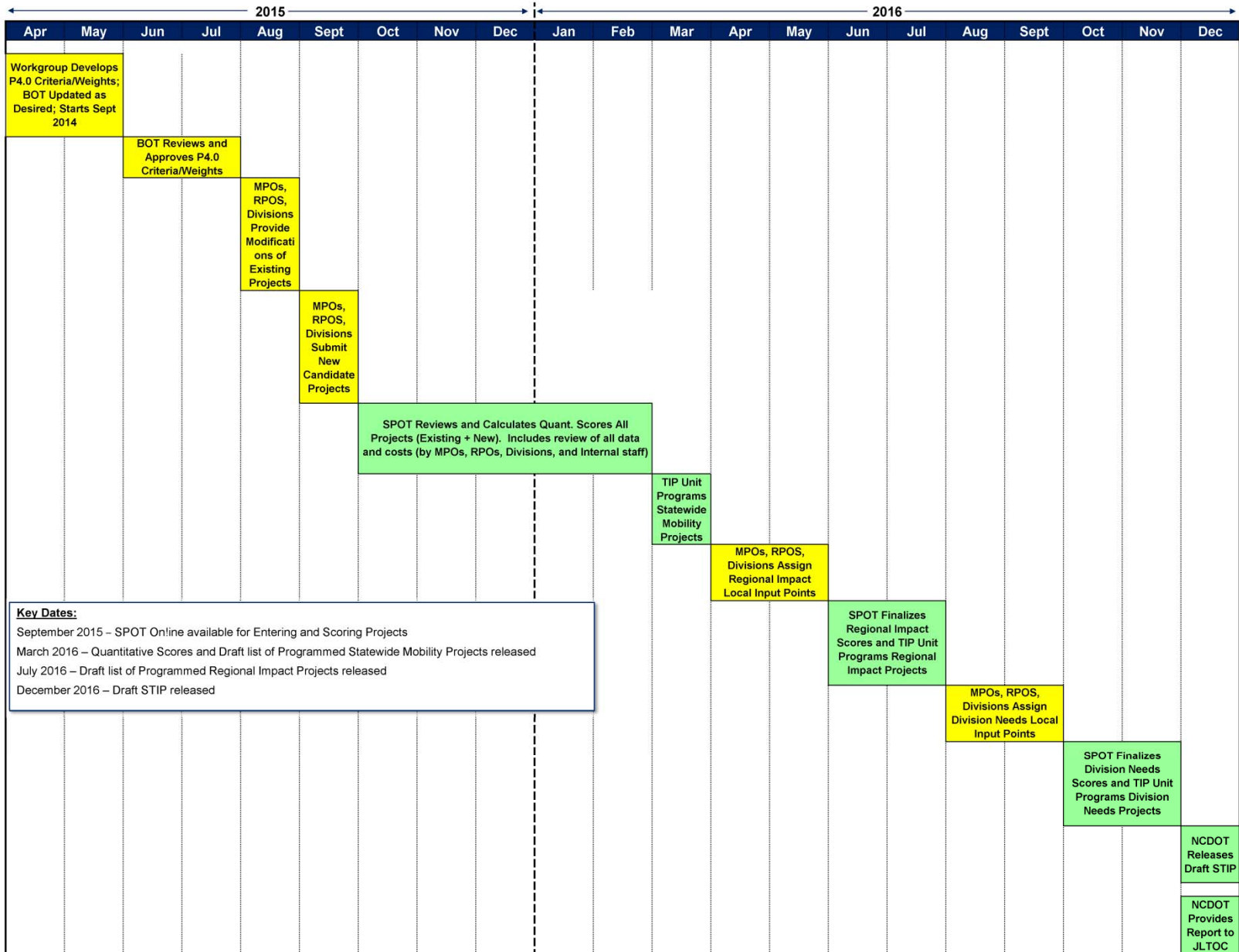
From use in P3.0, there are improvements needed for scoring projects in P4.0 (in addition to any changes the Workgroup/BOT make)

SPOT On!ine is critical to scoring projects in P4.0; Accounting for potential Workgroup changes, SPOT On!ine will not be available until September 2015

Prioritization 4.0 Tentative Schedule (Two 60 Day Local Input Periods)

DRAFT - SUBJECT TO CHANGE

Option A

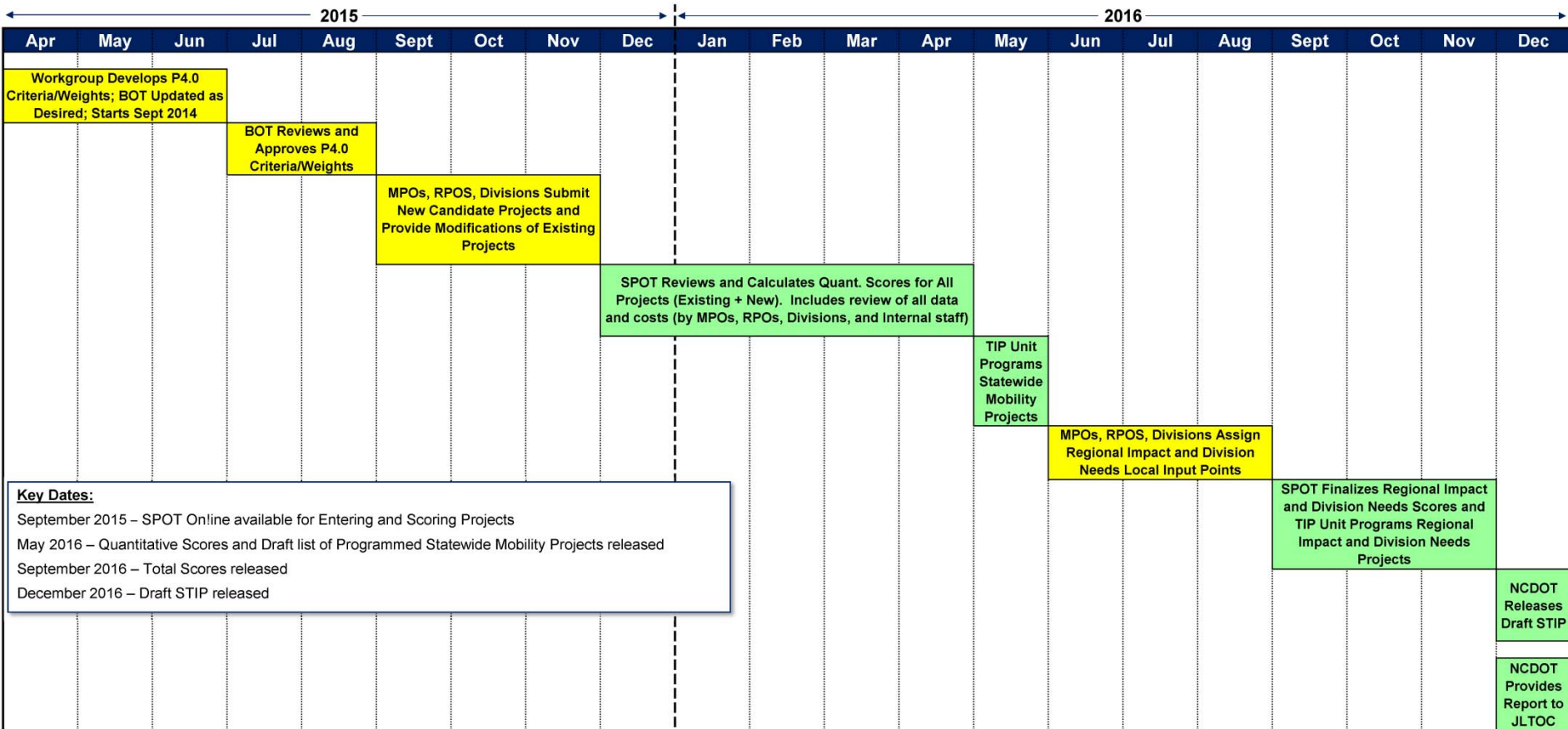


Notes:
 Green Box = Decisions / Approvals
 Yellow Box = NCDOT Work Tasks

Prioritization 4.0 Tentative Schedule (One 90 Day Local Input Period)

DRAFT - SUBJECT TO CHANGE

Option B

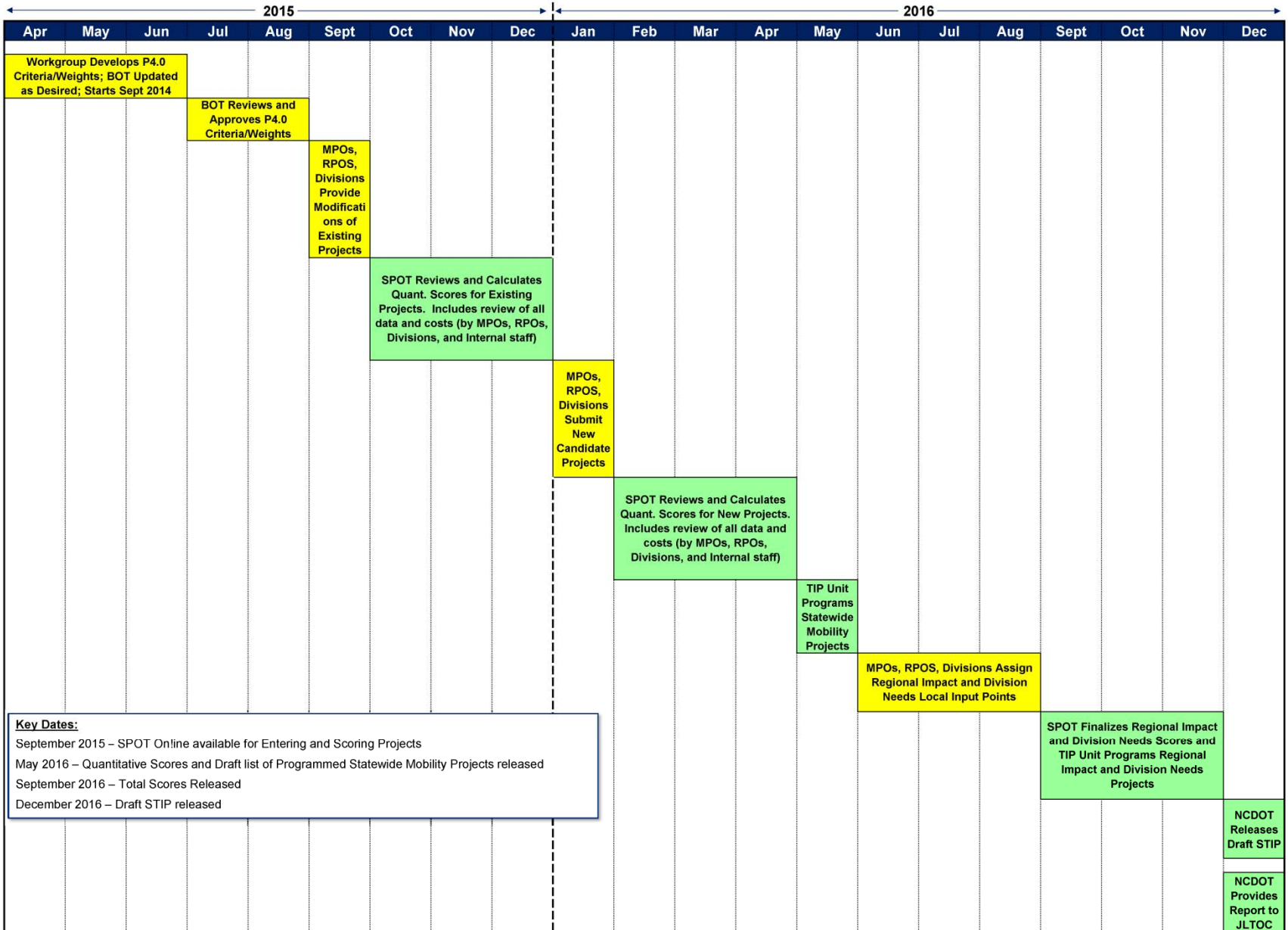


Notes:
 Green Box = Decisions / Approvals
 Yellow Box = NCDOT Work Tasks

Prioritization 4.0 Tentative Schedule (One 90 Day Local Input Period)

DRAFT - SUBJECT TO CHANGE

Option C

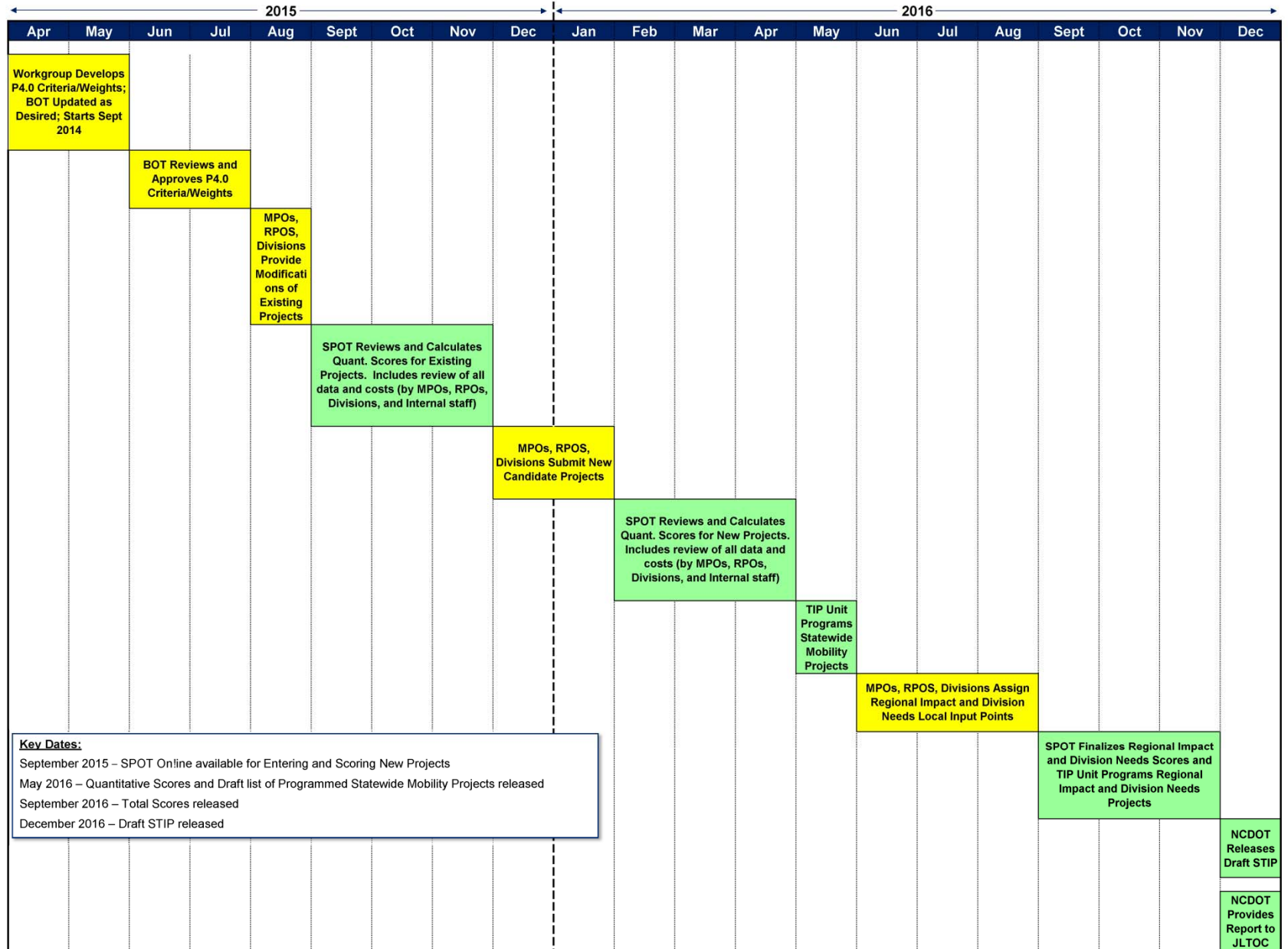


Notes:
 Green Box = Decisions / Approvals
 Yellow Box = NCDOT Work Tasks

Prioritization 4.0 Tentative Schedule (One 90 Day Local Input Period)

DRAFT - SUBJECT TO CHANGE

Option D



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

Local Input Point Assignment Periods

Period	Pros	Cons
One 90 Day	<ul style="list-style-type: none"> • Simpler for Public Consumption • Provides better picture of true priorities • Allows for POs/Divisions opportunities to test scoring of projects • Consistent with current Local Input Methodologies • Greater efficiency in scoring and review of data and programming of projects (>=2 months) • Others? 	<ul style="list-style-type: none"> • Does not allow POs/Divisions to see which projects cascade down before assigning Division Needs Points • Others?
Two 60 Day	<ul style="list-style-type: none"> • Allows POs/Divisions to see which projects cascade down before assigning Division Needs Points • Others? 	<ul style="list-style-type: none"> • May require two public comment periods • Likely to be more confusing to the public • May require change in POs/Divisions Local Input Methodologies • Less efficiency in scoring and review of data and programming of projects • Others?