

Transportation Staff Meeting

April 15, 2015
2:00 PM
CMGC 601

AGENDA

1. Carolina Place Parkway Thoroughfare Plan Amendment (Leonard)

Purpose: Discuss a possible Thoroughfare Plan amendment.

A developer has requested the removal from the Thoroughfare Plan of the portion of Carolina Place Parkway between Muskerry Drive and Dorman Road.

2. John Kirk Road Thoroughfare Plan Amendment (Magnasco)

Purpose: Discuss the possibility of:

- a. downgrading the classification from major thoroughfare to minor thoroughfare; and
- b. reconfiguring the intersection of John Kirk Road/Cameron Blvd to introduce a 90-degree turn.

3. Charlotte Gateway Station Study (McDonald)

Purpose: The NCDOT Rail Division plans to submit a TIGER grant application to extend passenger rail service into center city Charlotte. This study will identify station and intermodal needs for the terminal, including preliminary cost and operating estimates.

4. Mooresville CMAQ Projects Re-appropriation Request (Anderson)

Purpose: The Town of Mooresville no longer wishes to continue with the following CMAQ funded projects in the current STIP:

- NC 115 Bicycle Lanes, Iredell-Mecklenburg County Line to Norman Drive (C-5201)
- NC 150 & Talbert Road Intersection Improvements (C-5528)

Mooresville has requested that the CMAQ funds are re-appropriated to the following projects:

- NC 801 & NC 150 Intersection Improvements
- NC 115 & NC 150 Intersection Improvements (C-5200)
- NC 115 & Faith Road/Campus Lane Intersection Improvements (C-5529)
- Mooresville Middle School Area Sidewalk Network (C-5531)

Attachments: Memorandum and project list.

Phone Access Number: 704-432-5489

Go To Meeting Access: <https://global.gotomeeting.com/join/828878533>



Town of Mooresville
Development Services Department
Post Office Box 878
Mooresville, North Carolina 28115
704-662-7040

MEMORANDUM

To: Neil Burke, CRTPO Senior Principal Planner
From: Kelsie Anderson, Transportation Engineer
Date: April 14, 2015

RE: Town of Mooresville CMAQ Refusal and Request for Reallocation

The Town of Mooresville no longer wishes to continue with the following CMAQ funded projects in the current STIP:

C-5201

Add bike lanes along NC 115 from the Mecklenburg/Iredell County Line to Norman Avenue in downtown Mooresville.

- CMAQ Funded Phase(s): CON
- CMAQ Programmed Amount: \$1,800,000
- CMAQ Reimbursement Received: \$0

The scope and location of this project are not in line with the priorities of the Town at this time. Specifically, the Town is not willing to fund the preliminary design and right of way acquisition outside of Town limits necessary to construct the project.

C-5528

Add a southbound right turn lane at the NC 150 / Talbert intersection.

- CMAQ Funded Phase(s): CON
- CMAQ Programmed Amount: \$280,000
- CMAQ Reimbursement Received: \$0

This project is within the limits of the upcoming NC 150 widening project (R-2307). Access modifications associated with this STIP project will likely resolve the congestion at this intersection. Additionally, the scope and emissions calculation for this project was developed prior to the opening of Exit 35 which has changed the traffic patterns through this intersection.

Total Amount Refused: \$2,080,000

The entity that originally endorsed this funding allocation to the Town, the Lake Norman Rural Planning Organization, is no longer in existence. Therefore, the Town would request that NCDOT reallocate the \$2,080,000 to the CMAQ program for redistribution within the Charlotte Regional Transportation Planning Organization (CRTPO), the MPO to which the Town is now a member.

Additionally, the Town requests consideration of the request for reallocation to four projects as described below. A table with details for each request is provided as an attachment to this memo.

NC 801 x NC 150 Intersection Improvements

Add left turn lanes to each leg and southbound and westbound right turn lanes.

- Requested CMAQ Funded Phase(s): ROW and CON
- Requested CMAQ Amount: \$1,069,976 (79% reimbursement rate)

This project was approved for CMAQ funding but was not programmed due to a shortfall in the CMAQ program budget. The Town is pursuing design of this project within its general budget and anticipates \$650,000 bonus allocation funding. CMAQ funding could replace the bonus allocation amount or be used in conjunction with a reduced CMAQ funding amount request.

C-5200 NC 115 x NC 150 Intersection Improvements

Add a southbound right and westbound through/right turn lanes.

- Requested CMAQ Funded Phase(s): PE, ROW, and CON
- Requested CMAQ Amount: \$332,711 (76% reimbursement rate)

This would increase the CMAQ funding allocation of an existing project to reimburse project costs that were not anticipated in the original project cost estimate. Specifically, there are overlay, grading and railroad design and review fees that were not anticipated in the original scope and the design fee exceeded the probable cost estimate.

C-5529 NC 115 x Faith Road/Campus Lane Intersection Improvements

Realign Faith Road correct offset intersection with Campus Lane and add left turn lanes on all legs and a westbound right turn lane.

- Requested CMAQ Funded Phase(s): PE, ROW, and CON
- Requested CMAQ Amount: \$153,625 (75% reimbursement rate)

This would increase the CMAQ funding allocation of an existing project to expand the scope of the improvements to include the northbound left turn lane and to provide additional funding for costs identified by the updated probable construction cost estimate.

C-5531 Mooresville School Sidewalk Network

Construct 1.6 miles of sidewalk along neighborhood roads near three Mooresville schools and connect into existing sidewalk network also funded by CMAQ program.

- Requested CMAQ Funded Phase(s): ROW and CON
- Requested CMAQ Amount: \$458,516 (79% reimbursement rate)

This would increase the CMAQ funding allocation of an existing project to allow CMAQ reimbursement of eligible costs in the ROW phase and to provide additional funding for costs identified by the updated probable construction cost estimate.

Total Amount Reallocated: \$2,014,828

This leaves an unallocated balance of \$65,172 of the refused amount.

Please contact me at 704-663-2891 or kanderson@ci.mooresville.nc.us with any questions.

Project		Total	CMAQ \$	Local Match
801/150 Lt Turn Lanes	Project Total	\$1,354,400	\$1,069,976	\$284,424
ROW and CON	Current Programming	\$0	\$0	\$0
Re-Fund	Requested Adjustment	\$1,354,400	\$1,069,976	\$284,424
115/150 Additional	Project Total	\$1,754,750	\$1,333,610	\$421,140
PE, ROW, CON	Current Programming	\$1,316,972	\$1,000,899	\$316,073
Additional Funding	Requested Adjustment	\$437,778	\$332,711	\$105,067
115/Faith Additional	Project Total	\$1,511,500	\$1,133,625	\$377,875
PE, ROW, CON	Current Programming	\$1,306,667	\$980,000	\$326,667
Additional Funding	Requested Adjustment	\$204,833	\$153,625	\$51,208
Mooreville School SW	Project Total	\$1,009,750	\$801,996	\$207,754
ROW and CON	Current Programming	\$429,350	\$343,480	\$85,870
Add ROW and Add'l CON	Requested Adjustment	\$580,400	\$458,516	\$121,884
TOTALS	Project Total	\$5,630,400	\$4,339,207	\$1,291,193
	Current Programming	\$3,052,989	\$2,324,379	\$728,610
	Requested Adjustment	\$2,577,411	\$2,014,828	\$562,583

KLA, 4/10/15

remaining from
\$65,172 refusals
(\$2,080,000)
\$1,800,000 for 115
Bike Lanes and
\$280,000 for
Talbert Rt Turn
Lane

115 Bike Lanes	Project Total	\$2,250,000	\$1,800,000	\$450,000
CON	Current Programming	\$2,250,000	\$1,800,000	\$450,000
	Requested Adjustment	\$0	\$0	\$0
150/Talbert NB Turn Lane	Project Total	\$350,000	\$280,000	\$70,000
CON	Current Programming	\$350,000	\$280,000	\$70,000
	Requested Adjustment	\$0	\$0	\$0

Project		Total	CMAQ \$	Local Match	MUMPO CMAQ Scoring Methodology								
					TOTAL Score	Pollution Reduction (25)	Cost Effectiveness	Transportation Impact (15)	Policy & Info Sharing (5)	Local Match (5)	Readiness (10)	Maint. & Mgmt (10)	Planning Concurrency (10)
801/150 Lt Turn Lanes	Project Total	\$1,354,400	\$1,069,976	\$284,424	45	5	0	13	0	2	5	10	10
ROW and CON	Current Programming	\$0	\$0	\$0									
Re-Fund	Requested Adjustment	\$1,354,400	\$1,069,976	\$284,424									
115/150 Additional	Project Total	\$1,754,750	\$1,333,610	\$421,140	47	5	0	15	0	2	5	10	10
PE, ROW, CON	Current Programming	\$1,316,972	\$1,000,899	\$316,073									
Additional Funding	Requested Adjustment	\$437,778	\$332,711	\$105,067									
115/Faith Additional	Project Total	\$1,511,500	\$1,133,625	\$377,875	42	5	0	10	0	2	5	10	10
PE, ROW, CON	Current Programming	\$1,306,667	\$980,000	\$326,667									
Additional Funding	Requested Adjustment	\$204,833	\$153,625	\$51,208									
Moorestville School SW	Project Total	\$1,009,750	\$801,996	\$207,754	41	5	0	9	0	2	5	10	10
ROW and CON	Current Programming	\$429,350	\$343,480	\$85,870									
Add ROW and Add'l CON	Requested Adjustment	\$580,400	\$458,516	\$121,884									
TOTALS	Project Total	\$5,630,400	\$4,339,207	\$1,291,193									
	Current Programming	\$3,052,989	\$2,324,379	\$728,610									
	Requested Adjustment	\$2,577,411	\$2,014,828	\$562,583									

KLA, 4/10/15

\$65,172 remaining from refusals (\$2,080,000)
 \$1,800,000 for 115 Bike Lanes and \$280,000 for Talbert Rt Turn Lane

115 Bike Lanes	Project Total	\$2,250,000	\$1,800,000	\$450,000	39	5	0	9	0	0	5	10	10
CON	Current Programming	\$2,250,000	\$1,800,000	\$450,000									
	Requested Adjustment	\$0	\$0	\$0									
150/Talbert NB Turn Lane	Project Total	\$350,000	\$280,000	\$70,000	39	5	5	4	0	0	5	10	10
CON	Current Programming	\$350,000	\$280,000	\$70,000									
	Requested Adjustment	\$0	\$0	\$0									