

Transportation Staff Meeting

October 16, 2013
2:00 PM
Room 601, CMGC

AGENDA

1. SPOT Prioritization 3.0 (Landa)

a. Database Project Corrections – Highway Projects

Description:

Now that the Strategic Transportation Investment is law, the Prioritization 3.0 (P3.0) process is being finalized and project submittals will begin in January 2014. In order to prepare for that, several tasks will need to be accomplished. The first task is to evaluate the projects that remained in the database from P2.0, which are only highway projects, and determine if any corrections to those projects are necessary (i.e. descriptions, limits, etc.). A request was sent to TCC members to evaluate the list and be prepared to discuss any changes at this staff meeting.

Attachment:

SPOT P3.0 Existing Projects List

b. P3.0 Project Submittals (Landa)

Description:

As noted above, projects of all modes will need to be submitted to SPOT in January 2014 to be evaluated and considered for funding in the next TIP. The TCC, at its October meeting, endorsed the membership of two committees – one to recommend highway project submittals, and one to recommend bike/ped project submittals. It was not decided how other modes would be accounted for. The purpose of this item is to determine a strategy for submitting public transportation projects/other modes for P3.0.

Phone Access Number: 704-432-5485

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Town of Mooresville
Development Services Department
Post Office Box 878
Mooresville, North Carolina 28115
(704) 663-2891

October 11, 2013

Nick Landa
Principal Planner
Charlotte Regional Transportation Planning Organization
600 E. Fourth Street, Eighth Floor
Charlotte, NC 28202

RE: P3.0 – Proposed changes to Roadway Project Extents (Mooresville)

Nick,

After reviewing the P3.0 Existing Highway Projects spreadsheet for CRTPO, I would like to propose the following changes to the project extents from P2.0:

1. Subdivide the NC 150 Corridor Widening Project (R-2307B) into the following segments:
 - a. Harvel Road to Waddell Road (SR 1438)
 - b. Waddell Road (SR 1438) to Perth Road (SR 1303)
 - c. Perth Road (SR 1303) to Ervin Road (SR 1304)
 - d. Ervin Road (SR 1304) to I-77
2. NC 150 Widening (H90084-C): The section from NC 27 to NC 16 in Lincoln County has been dropped from the project. The TIP# has changed from R-2307(c) to R-2307 (B) between Harvel Road and I-77.
3. Brawley School Road Widening (R-3833c) (H090265-C): Change the western project extent from I-77 to Talbert Road (SR 1116). The section of Brawley School Road was widened as part of the R-3833B project that was completed in the summer of 2013.
4. Williamson Road Widening (R-5100) (H090312): Change the southern project extent from I-77 to Brawley School Road (SR 1100). Note that the Town is in the process of completing traffic counts to determine the traffic re-distribution from the I-77/Brawley School Road interchange, and the Town may wish to leave the extent as it currently exists.
5. Cornelius Road Widening (H111238): Change the western project extent from Judas Road (SR 1378) to Perth Road (SR 1303).
6. East-West Connector Project on new location (H111240): Change western project extent from NC 115 to Langtree Road (SR 1102).

The intent of the majority of these changes is to provide consistency with the Town's submittal for the 2040 CRTPO Metropolitan Transportation Plan.

Please let me know if you have any questions.

Sincerely,

Neil Burke, AICP, PTP
Transportation Planner

Cc: David Keilson, PE, Division 12 Planning Engineer, NCDOT
Andrew Ventresca, Planner, Iredell County

P3.0 Existing Highway Projects
DRAFT - SUBJECT TO CHANGE

On 2040 MTP Project List
Funded in TIP - not subject to STI
Modernization Project from P2.0

| SPOTID | P2.0 SPOTID | Project Category | Improvement Type | Specific Improvement | TIP # | Route Number | Route Name | From/Cross Street | To | Description | First MPORPO | First MPORPO % | Second MPORPO | Second MPORPO % | First Division | First Division % | Second Division | Second Division % | First County | First County % | Second County | Second County % | Funding Region |
|------------|-------------|--------------------|--------------------------|---|----------|--------------|-------------------------------------|---|---|--|-----------------------|----------------|-----------------------|-----------------|----------------|------------------|-----------------|-------------------|--------------|----------------|---------------|-----------------|----------------|
| H090009 | 9 | Division Needs | Interchange/Intersection | Convert Grade Separation to Interchange | I-2514 | I-77 | | SR 2171 (Jane Sowers Road) | | Convert Grade Separation to An interchange. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090018-B | 18 | Statewide Mobility | Interchange/Intersection | Improve Interchange | I-3819B | I-40 | | I-77 | | Reconstruct interchange (Final Improvements) | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090036-AB | 36 | Statewide Mobility | Capacity | Widen Existing Roadway | I-4750AB | I-77 | | SR 5544 (West Catawba Avenue) | NC 150 | Add Managed Lanes | Mecklenburg-Union MPO | 30% | Lake Norman RPO | 70% | 10 | 30% | 12 | 70% | Mecklenburg | 30% | Iredell | 70% | 11, 12 |
| H090036-B | 36 | Statewide Mobility | Capacity | Widen Existing Roadway | I-4750B | I-77 | | NC 150 | NC 115/US 21 | Add Managed Lanes | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090036-C | 37 | Statewide Mobility | Capacity | Widen Existing Roadway | I-4750C | I-77 | | NC 115/US 21 | I-40 | Add Managed Lanes | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090084-C | 86 | Regional Impact | Capacity | Widen Existing Roadway | R-2307C | NC 150 | | SR 1902 (Harvel Road) in Catawba County | I-77 in Iredell County | NC 27 in Lincoln to I-77. Widen to Multi-Lanes. Section C: SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County. | Lake Norman RPO | 88% | Unifour RPO | 12% | 12 | 100% | | 0% | Catawba | 12% | Iredell | 88% | 11, 12 |
| H090112 | 112 | Regional Impact | Capacity | Widen Existing Roadway | R-2522 | US 21/NC 115 | | Cedar Avenue in Troutman | SR 1336 in Barium Springs | Cedar Lane Avenue to SR 1336 in Barium Springs. Widen to a Multi-Lane Urban Facility. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090129-B | 129 | Division Needs | Capacity | Widen Existing Roadway | R-2555B | SR 5544 | West Catawba Avenue | NC 73 (Sam Furr Road) | SR 2151 (Jetton Road) | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090179-AB | 179 | Regional Impact | Capacity | Widen Existing Roadway | R-2632AB | NC 73 | | NC 115 | SR 2693 (Davidson-Concord Road) | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090185 | 185 | Regional Impact | Capacity | Widen Existing Roadway | R-2706 | NC 73 | | SR 1356 in Lincoln County | SR 5544 (West Catawba Avenue) in Mecklenburg County | SR 1356 in Lincoln County to SR 5544 (West Catawba Avenue) in Mecklenburg County. Widen to Multi-Lanes. | Lake Norman RPO | 76% | Mecklenburg-Union MPO | 24% | 10 | 24% | 12 | 76% | Lincoln | 76% | Mecklenburg | 24% | 11, 12 |
| H090255 | 255 | Regional Impact | Capacity | Widen Existing Roadway | R-3802 | NC 16 | | Rea Road Extension in Weddington | NC 75 in Waxhaw | Rea Road Extension in Weddington to NC 75 in Waxhaw. Widen to Multi-Lanes Along Existing Alignment. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090265-C | 265 | Division Needs | Capacity | Widen Existing Roadway | R-3833C | SR 1100 | Brawley School Road | I-77 | US 21 | Widen to Multi-Lanes | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090268 | 268 | Regional Impact | Interchange/Intersection | Improve Intersection | R-4059 | US 21 | | Catawba Avenue | | US 21/Catawba Avenue intersection Improvements. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090312 | 312 | Division Needs | Capacity | Widen Existing Roadway | R-5100 | SR 1109 | Williamson Road | I-77 | NC 150 | Widen to Multi-Lanes | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090319 | 319 | Division Needs | Capacity | Construct Roadway on New Location | U-0203 | | Little Rock Road | US 29/74 (Wilkinson Boulevard) | Scott Futrell Drive | Construct Multi-Lane Connector | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090320 | 320 | Division Needs | Capacity | Widen Existing Roadway | U-0213 | SR 1009 | Charlotte Avenue | CSX Railroad | Concord Avenue | Csx Railroad to Concord Avenue. Widen to Multi-Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090343 | 343 | Division Needs | Capacity | Widen Existing Roadway | U-2547 | SR 2188 | Charles Street | SR 2181 (Sunset Drive) | SR 2100 (Franklin Street) | SR 2181 (Sunset Drive) to SR 2100 (Franklin Street). Widen to Multi-Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090344 | 344 | Division Needs | Capacity | Construct Roadway on New Location | U-2549 | | New Route - Monroe Northern Loop | US 74 | SR 1751 (Walkup Avenue) at SR 1763 (Bivens Road) | US 74 to SR 1751 (Walkup Avenue) at SR 1763 (Bivens Road). Two Lanes on Four Lane Right of Way. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090350 | 350 | Division Needs | Capacity | Widen Existing Roadway and Construct Part on New Location | U-2568 | SR 2333 | East Side Drive | SR 2352 (Barkley Road) | SR 2321 (East Broad Street) | SR 2352 (Barkley Road) to SR 2321 (East Broad Street). Widen to Multi-Lanes, Part on New Location. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090353-B | 353 | Statewide Mobility | Interchange/Intersection | Improve Interchange | U-2704B | US 29/74 | Wilkinson Boulevard | SR 5901 (Billy Graham Parkway) | | US 29-74 (Wilkinson Boulevard) and SR 5901 (Billy Graham Parkway). Area Improvements. Section B: Charlotte, US 29-74 (Wilkinson Boulevard) and SR 5901 (Billy Graham Parkway). | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090363 | 363 | Regional Impact | Capacity | Widen Existing Roadway | U-2731 | US 21 | | SR 1933 | I-77 | SR 1933 to I-77. Widen to Multi-Lanes and Realign offset intersections of SR 1922 and SR 2171. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090379 | 379 | Regional Impact | Capacity | Widen Existing Roadway | U-2930 | US 21 | | US 64 | SR 1933 | US 64 to SR 1933. Widen to Multi-Lanes. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090418-A | 9126 | Division Needs | Capacity | Construct Roadway on New Location | U-3467A | SR 1316 | New Route - Rea Road Extension | NC 16 | NC 84 | Construct Two Lanes on New Location, on Multi-Lane Right-of-Way | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090418-B | 418 | Division Needs | Capacity | Construct Roadway on New Location | U-3467B | SR 1316 | New Route - Rea Road Extension | NC 16 | NC 84 | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090418-C | 1310 | Division Needs | Capacity | Widen Existing Roadway | U-3467C | SR 1316 | New Route - Rea Road Extension | NC 84 | SR 1008 (Indian Trail-Waxhaw Road) | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090434 | 434 | Division Needs | Capacity | Construct Roadway on New Location | U-3619 | | New Route - Secret Avenue Extension | SR 1751 (Walkup Avenue) | SR 1006 (Olive Branch Road) | SR 1751 (Walkup Avenue) to SR 1006 (Olive Branch Road). Multi-Lanes on New Location with interchange at Proposed Monroe Bypass (R-2559). | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |

P3.0 Existing Highway Projects
DRAFT - SUBJECT TO CHANGE

On 2040 MTP Project List
Funded in TIP - not subject to STI
Modernization Project from P2.0

| SPOTID | P2.0 SPOTID | Project Category | Improvement Type | Specific Improvement | TIP # | Route Number | Route Name | From/Cross Street | To | Description | First MPORPO | First MPORPO % | Second MPORPO | Second MPORPO % | First Division | First Division % | Second Division | Second Division % | First County | First County % | Second County | Second County % | Funding Region |
|-----------|-------------|--------------------|--------------------------|--|---------|------------------|----------------------------------|----------------------------------|-------------------------------------|---|-----------------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-------------------|--------------|----------------|---------------|-----------------|----------------|
| H090455-A | 455 | Regional Impact | Capacity | Widen Existing Roadway | U-4024A | US 601 | | Existing US 74 | Proposed Monroe Bypass (R-2559) | US 74 to the Proposed Monroe Bypass (R-2559). Widen to Multi-Lanes and Construct Improvements to the Existing US 74/US 601 interchange. Section A: Existing US 74 to the Proposed Monroe Bypass (R-2559). | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090455-B | 456 | Regional Impact | Interchange/Intersection | Improve Interchange | U-4024B | US 601 | | Existing US 74 | | US 74 to the Proposed Monroe Bypass (R-2559). Widen to Multi-Lanes and Construct Improvements to the Existing US 74/US 601 interchange. Section B: initial Improvements to the Existing US 74-US 601 interchange. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090455-C | 457 | Regional Impact | Interchange/Intersection | Improve Interchange | U-4024C | US 601 | | Existing US 74 | | US 74 to the Proposed Monroe Bypass (R-2559). Widen to Multi-Lanes and Construct Improvements to the Existing US 74/US 601 interchange. Section C: Final Improvements to the Existing US 74-US 601 interchange. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090483-A | 483 | Division Needs | Capacity | Construct Roadway on New Location | U-4713A | SR 3440 | New Route - McKee Road Extension | SR 3448 (Pleasant Plains Road) | SR 1009 (John Street) | Construct Two Lanes on New Location, on Multi-Lane Right-of-Way | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090484-A | 484 | Division Needs | Capacity | Widen Existing Roadway | U-4714A | SR 1009, SR 1010 | John Street/Old Monroe Road | SR 3448 / SR 3474 (Trade Street) | I-485 | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090484-C | 485 | Division Needs | Capacity | Widen Existing Roadway | U-4714C | SR 1009, SR 1010 | John Street/Old Monroe Road | SR 1008 (Indian Trail Road) | SR 1377 (Wesley Chapel-Stouts Road) | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090492 | 492 | Regional Impact | Capacity | Widen Existing Roadway | U-4749 | US 64/70 | Garner Bagnet Road | I-40 | I-77 | I-40 to I-77. Widen to Four Lane Divided Facility. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090502 | 502 | Division Needs | Capacity | Widen Existing Roadway | U-4913 | | Idlewild Road | I-485 | SR 1524 (Stevens Mill Road) | I-485 to SR 1524 (Stevens Mill Road). Widen to Multi-Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 23% | Union | 77% | 08, 10 |
| H090503 | 503 | Regional Impact | Capacity | Widen Existing Roadway | U-4914 | NC 150 | | NC 115 | NC 150-NC 152 Split | NC 115 to NC 150-NC 152 Split. Widen to Four Lane Divided Facility. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090511 | 511 | Regional Impact | Capacity | Widen Existing Roadway | U-5007 | NC 51 | | Matthews Township Parkway | SR 3128 (Lawyers Road) | Matthews township Parkway to SR 3128 (Lawyers Road). Widen to Multi-Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090540 | 540 | Regional Impact | Modernization | Modernize Roadway | | US 21 | | NC 150 | Cedar Lane | Improve US 21 from NC 150 in Mooresville North to Cedar Lane in Downtown Troutman. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090552 | 552 | Division Needs | Interchange/Intersection | Convert Grade Separation to Interchange | | | | I-77 | SR 1302 (Cornelius Road) | Construct a New interchange For Cornelius Road (SR 1302) at I-77 Between Mooresville and Troutman. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H090589 | 589 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Legion Street | Smith Road | Construct Bicycle Lanes and Sidewalks | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090592 | 592 | Division Needs | Capacity | Widen Existing Roadway | | | Gilead Road | US 21 (Statesville Road) | NC 115 | Widening to 4 Lanes and Add Bike Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090593 | 593 | Statewide Mobility | Interchange/Intersection | Upgrade At-grade Intersection to Interchange or Grade Separation | | SR 5901 | Billy Graham Parkway | NC 160 (West Boulevard) | | New interchange. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090594 | 594 | Division Needs | Capacity | Widen Existing Roadway | | SR 1007 | Rocky River Road | Old Charlotte Highway | US 74 | Widening to 4 Lanes, Median and Sidewalks. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090624 | 624 | Regional Impact | Capacity | Widen Existing Roadway | | US 21 | Statesville Road | Sunset Road | Catawba Avenue | Widening to 4 Lanes, Median and Bike Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090671 | 671 | Regional Impact | Capacity | Widen Existing Roadway | | NC 27 | Freedom Drive/Mount Holly Road | SR 1644 (Toddville Road) | I-485 | Widening to 4 Lanes and Bike Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090697 | 697 | Division Needs | Capacity | Widen Existing Roadway and Construct Part on New Location | | | Lawyers Road | Old Lawyers Road | Lawyers Road | This New Alignment and Bridge Will Connect Old Lawyers Road with Lawyers Road Over the Rocky River. This Project Will Cross from the Rpo into Mumpo. the Road Portion Would Be 18 to 24 Feet Widening. | Mecklenburg-Union MPO | 41% | Rocky River RPO | 59% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090698 | 698 | Division Needs | Capacity | Construct Roadway on New Location | | | New Route | NC 205 | Old Lawyers | Connect Thomas Helms to NC 205 with a New Alignment. Two Lane Extension. | Mecklenburg-Union MPO | 8% | Rocky River RPO | 92% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090928 | 928 | Regional Impact | Capacity | Construct Roadway on New Location | | NC 75 | New Route - Waxhaw Bypass | NC 75 | NC 75 | NC 75 Bypass of Waxhaw; Existing and New Location | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H090962 | 962 | Statewide Mobility | Capacity | Upgrade Arterial to Freeway/Expressway | U-2509 | US 74 | Independence Boulevard | I-485 | NC 51 | I-485 to NC 51. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |

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|---------|-------------|--------------------|--------------------------|--|--------|--------------|---------------------------|-----------------------------|-----------------------------------|--|-----------------------|----------------|---------------|-----------------|----------------|------------------|-----------------|-------------------|--------------|----------------|---------------|-----------------|----------------|
| H090963 | 963 | Statewide Mobility | Capacity | Upgrade Arterial to Freeway/Expressway | U-2509 | US 74 | Independence Boulevard | NC 51 | Hayden Way | NC 51 to Hayden Way. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090964 | 964 | Statewide Mobility | Capacity | Upgrade Arterial to Freeway/Expressway | U-2509 | US 74 | Independence Boulevard | Hayden Way | Krefeld Dr | Hayden Way to Krefeld Dr. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090965 | 965 | Statewide Mobility | Capacity | Upgrade Arterial to Freeway/Expressway | U-2509 | US 74 | Independence Boulevard | Krefeld Dr | Village Lake Dr | Krefeld Dr to Village Lake Dr. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H090966 | 966 | Statewide Mobility | Capacity | Upgrade Arterial to Freeway/Expressway | U-2509 | US 74 | Independence Boulevard | Village Lake Dr | Conference Dr | Village Lake Dr to Conference Dr. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111123 | 1123 | Regional Impact | Signal System | Citywide Signal System | | | Mooresville Signal System | Mooresville City Limits | Mooresville City Limits | Construct Citywide Signal System in City of Mooresville | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111169 | 1169 | Regional Impact | Capacity | Widen Existing Roadway | | NC 115 | | SR 2416 (Bailey Road) | Potts Street | Widen Roadway to 4 Lanes with Curb and Gutter, Bike Lanes and Sidewalks from SR 2416 (Bailey Road) to SR 2600 (Washam Potts Road), with Turn Lanes at intersections. Widen Roadway to 3 Lanes with Curb and Gutter, Bike Lanes and Sidewalks from SR 2600 to Potts Street, with Median and Turn Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111171 | 1171 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Potts Street | Mecklenburg / Iredell County Line | Widen Roadway to Add Bike Lanes, Parking and Sidewalks. the Project Limits Are from Potts Street to the Mecklenburg / Iredell County Line | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111172 | 1172 | Regional Impact | Capacity | Widen Existing Roadway | | NC 160 | | NC 160 (Steele Creek Road) | I-485 | Widen to Multi-Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111173 | 1173 | Division Needs | Capacity | Construct Roadway on New Location | | SR 1246 | | SR 1206 (Alcove Road) | Fairview Rd. (SR 1246) | Construct Fairview Rd, Overpass Over I-77 to Alcove Rd. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111174 | 1174 | Division Needs | Modernization | Modernize Roadway | | SR 2350 | | US 21 | I-77 | Murdock Rd. from US-21 to I-77 at Exit 45 Improve to Wider Lanes and Wider Shoulders | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111175 | 1175 | Division Needs | Capacity | Widen Existing Roadway | | SR 1349 | Airport Road | SR 1162 (Goldmine Road) | NC 84 | Widen to 4 Lanes, with Median, Bike Lanes and Sidewalks | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H111176 | 1176 | Regional Impact | Capacity | Widen Existing Roadway | | NC 115 | | Sullivan Farm Rd. (SR 1929) | I-40 | NC 115 Widen to Multi-Lanes from Sullivan Farm Rd. to I-40 | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111177 | 1177 | Regional Impact | Capacity | Widen Existing Roadway | | US 21 | | NC 24 (Harris Boulevard) | SR 2136 (Gilead Road) | Widen to Multi-Lanes, Median, Wide Outside Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111178 | 1178 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Timber Rd. (SR 1245) | Beaty St./Mecklenburg County Line | NC 115 from Timber Rd. to Mecklenburg County Line. Widen Lanes and Add Paved Shoulders | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111179 | 1179 | Division Needs | Capacity | Construct Roadway on New Location | | | New Route | Bridgford Lane | Northdowns Lane | Construct a New Bridge Across I-77 South of NC 73, Linking SR 2141 (Northcross Drive) to US 21. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111180 | 1180 | Statewide Mobility | Interchange/Intersection | Upgrade At-grade Intersection to Interchange or Grade Separation | | SR 5901 | | Morris Field Drive | | Construct Grade Separation at the intersection of SR 5901 (Billy Graham Parkway) and Morris Field Drive. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111182 | 1182 | Statewide Mobility | Interchange/Intersection | Improve Interchange | | I-77 | | NC 150 | | Reconstruct interchange to DDI | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111183 | 1183 | Division Needs | Capacity | Construct Roadway on New Location | | SR 2117 | | Everette Keith Road | SR 2459 (Eastfield Road) | Construct New 4 Lane Road with Median, Bike Lanes and Sidewalks | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111184 | 1184 | Statewide Mobility | Capacity | Widen Existing Roadway | | I-40 | | US 21 | Catawba River | I-40 Widen to 6 Lanes from Statesville to the Catawba County Line | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111186 | 1186 | Regional Impact | Capacity | Widen Existing Roadway | | US 21 | | SR 2136 (Gilead Road) | Holly Point Drive | Widen to 4 Lanes with Median, Bike Lanes and Sidewalk | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111188 | 1188 | Division Needs | Capacity | Construct Roadway on New Location | | | New Route | SR 2427 (Mccord Road) | SR 2433 (Mayes Road) | Construct New 2 Lane Road Extension of Church Street on New Location | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111189 | 1189 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Potts Street | SR 2158 (Griffith Street) | Widen Potts Street and Sloan Street to Add Bike Lanes and Sidewalks. Build Connector Between Potts Street and Sloan Street (Approximately 500-600 Feet in Length) | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |

P3.0 Existing Highway Projects
DRAFT - SUBJECT TO CHANGE

On 2040 MTP Project List
Funded in TIP - not subject to STI
Modernization Project from P2.0

| SPOTID | P2.0 SPOTID | Project Category | Improvement Type | Specific Improvement | TIP # | Route Number | Route Name | From/Cross Street | To | Description | First MPORPO | First MPORPO % | Second MPORPO | Second MPORPO % | First Division | First Division % | Second Division | Second Division % | First County | First County % | Second County | Second County % | Funding Region |
|------------|-------------|--------------------|--------------------------|---|----------|--------------|---|-------------------------------------|---|--|-----------------------|----------------|---------------|-----------------|----------------|------------------|-----------------|-------------------|--------------|----------------|---------------|-----------------|----------------|
| H111190 | 1190 | Statewide Mobility | Capacity | Widen Existing Roadway | | US 74 | | Hanover Drive | SR 1007 (Rocky River Road) | Widen to 6 Lanes with Median, Curb and Gutter, Bike Lanes and Sidewalks. Project Limit Is from Hanover Drive to Approximately thewestern City Limits For City of Monroe | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H111192 | 1192 | Regional Impact | Capacity | Widen Existing Roadway and Construct Part on New Location | | | New Route | SR 3150 (Idlewild Road) | US 74 | Construct Eastern Circumferential Between Idlewild Road and US 74 By Widening Roadway to Multi-Lanes on Existing Alignment, andconstructing New Multi-Lane Roadway on New Alignment, with Median and Bike Lanes. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111195 | 1195 | Division Needs | Capacity | Widen Existing Roadway | | SR 1009 | | SR 1377 (Wesley Chapel-Stouts Road) | SR 1007 (Rocky River Road) | Widen Roadway to Multi-Lanes, with Median, Bike Lanes and Sidewalks | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H111214 | 1214 | Statewide Mobility | Interchange/Intersection | Improve Interchange | | I-485 | | NC 16 (Providence Road) | | Upgrade interchange to increase Capacity | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111238 | 1238 | Division Needs | Capacity | Widen Existing Roadway | | SR 1302 | | Judas Rd. (SR 1378) | US 21 | Cornelius Rd. Widen to Multi-Lanes from Judas Rd. to US 21 | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111240 | 1240 | Division Needs | Capacity | Construct Roadway on New Location | | | New Route | NC 115 | Shearers Rd. (SR 1125) | East-West Connector. NC115 at Langtree Rd. to Shearers Rd. | Lake Norman RPO | 100% | | 0% | 12 | 100% | | 0% | Iredell | 100% | | 0% | 11, 12 |
| H111273 | 1273 | Division Needs | Capacity | Construct Roadway on New Location | | SR 2833 | Mallard Creek Church Road | NC 49 | SR 2827 (Back Creek Church Road) | Extend SR 2833 (Mallard Creek Church Road) from NC 49 to SR 2827 (Back Creek Church Road). the intersection with NC49 Will Be Reconstructed and Lowered Approximately 10' in Order to Accommodate Clearance For Road Extension Under Railroad. This Will Necessitate Reconstruction of Approximately 1700' of Existing NC 49 and 1000' of Existing SR 2833. the Road Extension Will Become Part of Charlotte'S Eastern Circumferential Road in the Future. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111280 | 1280 | Statewide Mobility | Capacity | Widen Existing Roadway | | NC 49 | | US 29 (North Tryon Street) | I-485 | Widen Roadway to 6 Lanes with Median, Bike Lanes and Sidewalks. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111324 | 1324 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Ramah Church Road | Bailey Road | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111325 | 1325 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Bailey Road | Bridges Farm Road (Iredell County Line) | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111326 | 1326 | Regional Impact | Modernization | Modernize Roadway | | SR 2151 | Jetton Rd, W Catawba Av, Nantz Rd & NC 73 | Blythe Landing | Ramsey Creek and Jetton Parks | Construct Bicycle Lanes on Jetton Road, W. Catawba Avenue, Nantz Road & NC 73 Bike Lanes from Blythe Landing to Ramsey Creek and Jetton Parks. | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111327 | 1327 | Division Needs | Modernization | Modernize Roadway | | SR 2426 | Old Concord Road | Mallard Creek Church Road | Newell-Hickory Grove Road | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111328 | 1328 | Division Needs | Modernization | Modernize Roadway | | SR 2833 | Mallard Creek Church Road | Prosperity Church Road | Old Concord Road | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111329 | 1329 | Division Needs | Modernization | Modernize Roadway | | | Plott Road / Highland Ave | SR 2803 (Plaza Road Extension) | Hickory Grove Road | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111330 | 1330 | Division Needs | Modernization | Modernize Roadway | | SR 2480 | Sugar Creek Road | N Tryon Street | I-85 | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111331 | 1331 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Wt Harris Boulevard | Eastfield Road | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H111332 | 1332 | Regional Impact | Modernization | Modernize Roadway | | NC 115 | | Hambright Road | Mt Holly-Huntersville Rd | Construct Bicycle Lanes | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H128073 | 8073 | Statewide Mobility | Capacity | Widen Existing Roadway | I-5507 | I-485 | | I-77 | US 74 (Independence Boulevard) | Construct one Express toll Lane in Each Direction within the Existing Median | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H129013 | 9013 | Statewide Mobility | Capacity | Widen Existing Roadway | U-3850 | I-277 | John Belk Freeway | I-77 | | Add Westbound Lane Through I-77 interchange | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H129650-EC | 9650 | Division Needs | Interchange/Intersection | Convert Grade Separation | R-211 EC | I-485 | Charlotte Outer Loop | New interchange at Weddington Road | | Convert Grade Separation to interchange | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |
| H129680 | 9680 | Statewide Mobility | Capacity | Construct Roadway on New Location | | US 74 | New Route - Monroe Bypass | I-485 | US 74 East of Monroe | Construct Four Lane Freeway on New Location | Mecklenburg Union MPO | 100% | | 0% | 10 | 100% | | 0% | Union | 100% | | 0% | 08, 10 |
| H129682 | 9682 | Division Needs | Capacity | Widen Existing Roadway | | SR 3448 | South Trade Street | Fullwood Lane | Weddington Road | Widen to Multilanes with Sidewalks | Mecklenburg-Union MPO | 100% | | 0% | 10 | 100% | | 0% | Mecklenburg | 100% | | 0% | 08, 10 |