

## Legislation Details (With Text)

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<b>Type:</b>	Business Item	<b>Status:</b>		Agenda Ready	
<b>File created:</b>	5/3/2021	<b>In control:</b>		City Council Business Meeting	
<b>On agenda:</b>	5/24/2021	<b>Final action:</b>			
<b>Title:</b>	Metrolina Regional Travel Demand Model				
<b>Attachments:</b>	1. Resolution MRM - Action A, 2. Resolution MRM - Action B				

Date	Ver.	Action By	Action	Result
5/24/2021	1	City Council Business Meeting	Approve	Pass

## Metrolina Regional Travel Demand Model

### Action:

- A. Adopt a resolution ratifying interlocal agreements to reimburse the City of Charlotte for the development and maintenance of the Metrolina Regional Travel Demand Model for a term of five years with the following local governments:**
- City of Concord,
  - City of Gastonia,
  - City of Rock Hill,
- A. Adopt a resolution authorizing the City Manager to negotiate and execute municipal agreements to reimburse the City of Charlotte for the development and maintenance of the Metrolina Regional Travel Demand Model for a term of five years with the following state agencies:**
- North Carolina Department of Transportation,
  - South Carolina Department of Transportation, and
- B. Authorize the City Manager to amend the agreements consistent with the purpose for which the agreements were approved.**

### **Staff Resource(s):**

Liz Babson, Transportation  
Anna Gallup, Transportation

### **Explanation**

- The Metrolina Regional Travel Demand Model is a computer modeling tool for evaluating existing and future travel in the Metrolina Region.
- Ongoing refinement and updates to the Metrolina Regional Travel Demand Model are necessary to maintain the state-of-the-practice travel demand model as required by the U.S. Department of Transportation for air quality conformity determinations, highway travel forecasts, and transit ridership forecasts.
- The Charlotte Department of Transportation (CDOT) is the custodian of the Metrolina Regional Travel Demand Model for an 11 county, bi-state region. The City of Charlotte is responsible for managing all model related work completed by both staff and consultants.
- The terms of these agreements provide for the reimbursement of expenses related to the development and model maintenance of the Metrolina Regional Model.
- The Metrolina Regional Travel Demand Model work is jointly funded by the following agencies:
  - North Carolina Department of Transportation (NCDOT),

- South Carolina Department of Transportation (SCDOT),
  - Cabarrus-Rowan Metropolitan Planning Organization (CRMPO),
  - Charlotte Regional Transportation Planning Organization (CRTPO),
  - Gaston-Cleveland-Lincoln MPO (GCLMPO), and
  - Rock Hill-Fort Mill Area Transportation Study (RFATS).
- The Fiscal Year 2022 reimbursement shares for each state agency are:
  - NCDOT: 45 percent share in the amount of \$105,750.
  - SCDOT: five percent share in the amount of \$11,750.
- The MPOs' reimbursement shares comprise the other 50 percent. The MPO shares are proportioned based on the 2010 Census population of the MPOs' planning area:
  - Concord on behalf of CRMPO: 7.317 percent share in the amount of \$17,195.38,
  - Gastonia on behalf of GCLMPO: 8.843 percent share in the amount of \$20,781.23,
  - Rock Hill on behalf of RFATS: 4.634 percent share in the amount of \$10,889.27, and
  - City of Charlotte on behalf of CRTPO: 29.206 percent share in the amount of \$68,634.13.
    - The City of Charlotte contributes \$7,680 of this amount.
- The total reimbursement share for the state agencies and MPOs equals \$166,365.87.
- The cost share of the agreements is included in the city's Fiscal Year 2022 Budget.
- The MPO shares may be adjusted in the future to reflect the 2020 Census.

**Fiscal Note**

Funding: NCDOT, SCDOT, Cities of Rock Hill, Gastonia, and Concord, CRTPO, and City of Charlotte

**Attachment(s)**

Resolution - Action A

Resolution - Action B