

# RTP-TIP RELATIONSHIP

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*RTP... Regional Transportation Plan*

*TIP... Transportation Improvement Program*



# Regional Transportation Plan (RTP)

- A document that defines vision of a region's future transportation system and services
- Indicates all of the transportation improvements scheduled for funding over the next 20+ years
- Plan must be financially-constrained
- To be updated every 4-5 years

# GHMPO 2040 RTP: 2015 Update

- Made an assessment of existing condition of the region's transportation network
- Forecasted future condition of the transportation network based on projections of population, employment, and school enrollment
- Estimated amount of future funding available
- Developed a list of transportation projects for implementation between 2015 and 2040 based on available funds

# RTP Financial Projection & Expenditure

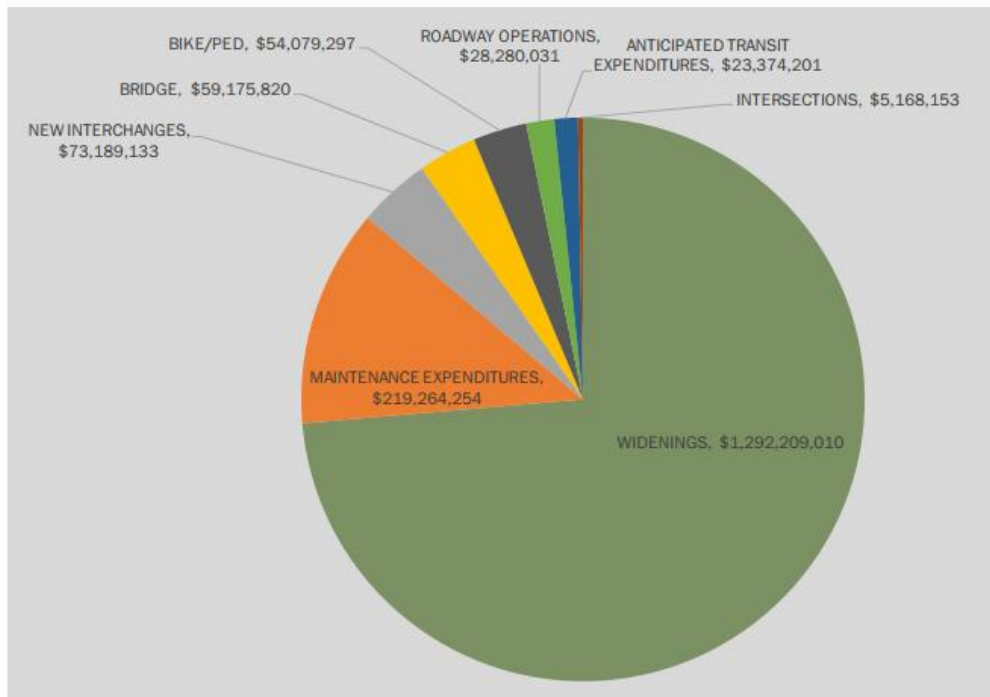
## CAPITAL ROADWAY FISCAL CONSTRAINT

|   |                        |
|---|------------------------|
| STATE/FEDERAL FUNDING <sup>(1)</sup>                                    | \$1,301,749,463        |
| HALL COUNTY FUNDING   | \$211,090,732          |
| JACKSON COUNTY FUNDING  | \$8,101,689            |
| <b>TOTAL FUNDING</b>  | <b>\$1,520,941,884</b> |
| RESERVED FOR BICYCLE AND PEDESTRIAN IMPROVEMENTS                        | \$54,079,297           |
| <b>COST OF FISCALLY CONSTRAINED RTP CAPITAL PROJECTS <sup>(1)</sup></b> | <b>\$1,458,022,147</b> |
| <b>REMAINING BALANCE</b>  | <b>\$8,840,440</b>     |

Note: Funding refers to funding reserved for capital roadway projects.

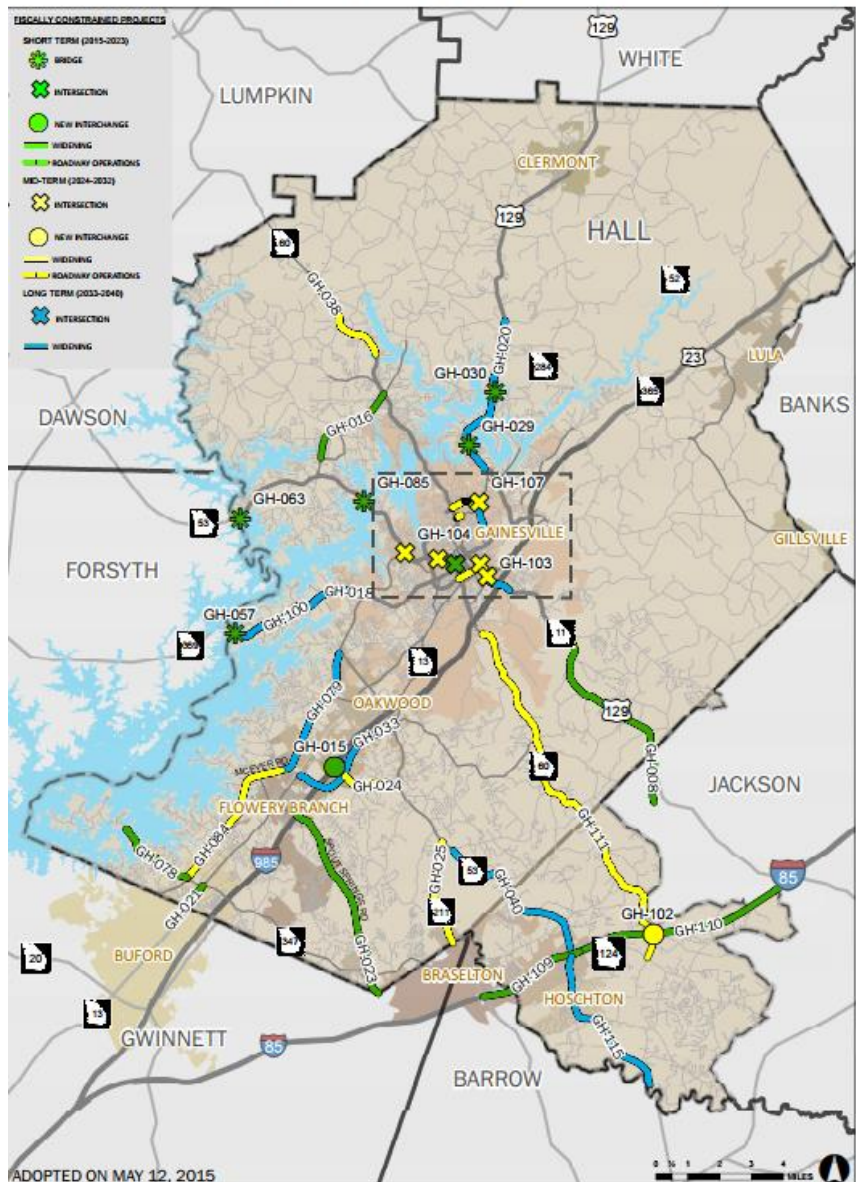
(1) This assumes \$154,356,715 in both state and federal funding and expenditures to fund GH-109/PI#110620 and GH-110/PI#110630, both I-85 widening projects with national and state level importance not subject to congressional balancing.

EXPENDITURE TYPES OF THE FISCALLY CONSTRAINED PLAN





# 2040 REGIONAL TRANSPORTATION PLAN | 2015 UPDATE



| GHMPO No. | Phase      | Project Name and Description  | Project Type       |
|-----------|------------|---|--------------------|
| GH008     | Short-Term | US 129/Athens Hwy from SR 323/Gillsville Hwy to SR 332/Talmo in Jackson County                            | Widening           |
| GH015     | Short-Term | I485 New Interchange N of SR 13 Crossover near Martin Rd  | New Interchange    |
| GH016     | Short-Term | Sards Rd Connector from SR 60 to Sards Rd near Chestabee Rd   | Widening           |
| GH018     | Long-Term  | SR 369/Browns Bridge Road From Forsyth County Line to SR 53   | Widening           |
| GH020     | Long-Term  | US 129/Cleveland Hwy - Limestone Parkway to Neppene Road  | Widening           |
| GH021     | Short-Term | SR 13/Atlanta Hwy - From Seneca Avenue in Gwinnett County to SR 347/Lanier Islands Parkway in Hall County | Widening           |
| GH023     | Short-Term | Sand Springs Road - Hog Mountain Road to Gwinnett County Line   | Widening           |
| GH024     | Mid-Term   | Martin Road Widening - Fulton Pkwy to Windsor Hwy   | Widening           |
| GH025     | Mid-Term   | SR 211/Oak Rinder Highway From SR 53 to SR 347 on New Alignment   | Widening           |
| GH029     | Short-Term | US 129/SR 11/Cleveland Hwy at Chattahoochee River - Bridge  | Bridge             |
| GH030     | Short-Term | US 129/SR 11/Cleveland Hwy at East Fork Little River (Beltz Mill) - Bridge                                | Bridge             |
| GH033     | Long-Term  | SR 13/Atlanta Highway From Radford Road to South of SR 53   | Widening           |
| GH038     | Mid-Term   | SR 60/Thompson Bridge Road - SR 136/Price Road to Yellow Creek Road in Murrayville                        | Widening           |
| GH039     | Long-Term  | South Enota Drive Widening - Park Hill Drive to Dawson Blvd   | Widening           |
| GH040     | Long-Term  | SR 53 From I-85/Jackson County to SR 211/Hall County  | Widening           |
| GH057     | Short-Term | SR 369/Browns Bridge Road at Chattahoochee River - Bridge   | Bridge             |
| GH063     | Short-Term | SR 53/Dawsonville Hwy at Chestabee River - Bridge   | Bridge             |
| GH069     | Short-Term | Jesse Jewell Pkwy at John Morrow Parkway Operations   | Intersection       |
| GH078     | Short-Term | SR 347/Lanier Islands Parkway - McEver Rd to Lake Lanier Islands  | Widening           |
| GH079     | Long-Term  | McEver Road Widening - Jim Crow Road to SR 53   | Widening           |
| GH084     | Mid-Term   | McEver Road From SR 347 to Jim Crow Road  | Widening           |
| GH085     | Short-Term | SR 53 WB at Chattahoochee River - Bridge  | Bridge             |
| GH100     | Mid-Term   | SR 369/Browns Bridge Road - Operations  | Roadway Operations |
| GH101     | Mid-Term   | Enota Drive - Operations  | Roadway Operations |
| GH102     | Mid-Term   | New Interchange located at crossing of I-85 and SR 60   | New Interchange    |
| GH103     | Mid-Term   | Athens Hwy at Chestnut Street Operations  | Intersection       |
| GH104     | Mid-Term   | Dawsonville Hwy/SR 53 at McEver Road Operations   | Intersection       |
| GH105     | Mid-Term   | EE Butler Pkwy/Athens Street at MLK Jr. Boulevard Intersection Improvements                               | Intersection       |
| GH106     | Mid-Term   | John Morrow Pkwy at Washington St Operations - realign southbound RT lane                                 | Intersection       |
| GH107     | Mid-Term   | Park Hill Dr at Lakeview Dr Operations - reduce slope on Lakeview Dr. approach                            | Intersection       |
| GH108     | Mid-Term   | MLK Jr Blvd Corridor - widen to 4 lanes with Streetscape from Queen City Pkwy to EE Butler                | Widening           |
| GH109     | Short-Term | I-85 From North of SR 211 to North of SR 53   | Widening           |
| GH110     | Short-Term | I-85 From North of SR 53/Green Street to North of SR 11/US 129/Lee Street                                 | Widening           |
| GH111     | Mid-Term   | SR 60/Candler Road From S of I-85 to SR 124   | Widening           |
| GH112     | Long-Term  | Jesse Jewell Pkwy - widen to 6 lanes from John Morrow to Academy St                                       | Widening           |
| GH113     | Mid-Term   | Oak Tree Drive - Operations   | Roadway Operations |
| GH114     | Long-Term  | EE Butler Pkwy/Athens Hwy Capacity - widen to 6 lanes   | Widening           |
| GH115     | Long-Term  | SR 53 From I-85 to Tapp Wood Rd   | Widening           |



ADOPTED ON MAY 12, 2015



# RTP Short-Term (2015-2023) Project List

| Project No | Project   | Project Type    | Cost          |
|------------|---|-----------------|---------------|
| GH-008     | US 129/Athens Hwy from SR 323/Gillsville Hwy to SR 332 in Talmo   | Widening        | \$27 million  |
| GH-015     | I-985 New Interchange near Martin Road                            | New Interchange | \$43 million  |
| GH-016     | Sardis Road Connector from SR 60 to Sardis Rd near Chestatee Rd   | Widening        | \$68 million  |
| GH-021     | SR 13/Atlanta Hwy from Sawnee Ave to SR 347/Lanier Islands Pkwy   | Widening        | \$4 million   |
| GH-023     | Spout Springs Road from Hog Mountain Road to Gwinnett County Line | Widening        | \$120 million |
| GH-029     | US 129/SR 11/Cleveland Highway at Chattahoochee River Bridge      | Bridge          | \$13 million  |
| GH-030     | US 129/SR 11/Cleveland Highway at East Fork Little River Bridge   | Bridge          | \$12 million  |
| GH-057     | SR 369/Browns Bridge Road at Chattahoochee River Bridge           | Bridge          | \$8 million   |
| GH-063     | SR 53/Dawsonville Highway at Chestatee River Bridge               | Bridge          | \$6 million   |
| GH-069     | Jesse Jewel Parkway at John Morrow Parkway Operations             | Intersection    | \$2 million   |
| GH-078     | SR 347/Lanier Islands Pkwy from McEver Rd to Lake Lanier Islands  | Widening        | \$13 million  |
| GH-085     | SR 53 WB at Chattahoochee River Bridge                            | Bridge          | \$20 million  |
| GH-109     | I-85 from North of SR 211 to North of SR 53                       | Widening        | \$59 million  |
| GH-110     | I-85 from North of SR 53/Green St to North of SR 11/US 129/Lee St | Widening        | \$95 million  |

**Short-Term Projects Total: \$492 Million**



# HB 170/TFA Funding Effect

- RTP adopted in May 2015
- HB 170/Transportation Funding Act passed in July 2015
- Gasoline tax raises \$900 million annually statewide
- Additional 7 projects funded in GHMPO region since TFA



# RTP Short-Term (2015-2023) Project List

Following 7 projects added subsequently to Short-Term Tier via Plan Amendments:

| Project No | Project   | Project Type | Cost           |
|------------|---|--------------|----------------|
| GH-028     | Bridge Replacement on SR 332 at Walnut Creek                        | Bridge       | \$2 million    |
| GH-056     | Bridge Replacement on SR 136/Price Road at Chestatee River          | Bridge       | \$4 million    |
| GH-116     | Bridge Replacement on I-985 at Elachee Drive                        | Bridge       | \$4 million    |
| GH-117     | Railroad Crossing on Tumbling Creek Rd at Norfolk Southern Railroad | Bridge       | \$5 million    |
| GH-118     | Old Winder Highway from SR 124 to Friendship Road                   | Widening     | \$436 thousand |
| GH-119     | Bridge Replacement on Thompson Bridge Rd at Chattahoochee River     | Bridge       | \$13 million   |
| GH-120     | I-985 Widening  | Widening     | \$87 million   |

**Additional Short-Term Projects Total: \$115 Million**





# RTP Mid-Term (2024-2032) Project List

| Project No        | Project   | Project Type        | Cost                    |
|-------------------|---|---------------------|-------------------------|
| GH-024            | Martin Road Alternative Improvements #7                           | Roadway Operations  | \$600 thousand          |
| <del>GH-024</del> | <del>Martin Road Widening from Falcon Pkwy to Winder Hwy</del>    | <del>Widening</del> | <del>\$46 million</del> |
| GH-025            | SR 211/Old Winder Highway from SR 53 to SR 347                    | Widening            | \$57 million            |
| GH-038            | SR 60/Thompson Bridge Rd from Price Rd to Yellow Creek Rd         | Widening            | \$50 million            |
| GH-084            | McEver Road from SR 347 to Jim Crow Road                          | Widening            | \$72 million            |
| GH-100            | SR 369/Browns Bridge Road Operations                              | Roadway Operations  | \$21 million            |
| GH-102            | New Interchange Located at Crossing of I-85 and SR 60             | New Interchange     | \$30 million            |
| GH-103            | Athens Highway at Chestnut Street Operations                      | Intersection        | \$700 thousand          |
| GH-104            | Dawsonville Highway/SR 53 at McEver Road Operations               | Intersection        | \$500 thousand          |
| GH-105            | EE Butler Pkwy/Athens St at MLK Jr Blvd Intersection Improvements | Intersection        | \$2 million             |
| GH-106            | John Morrow Parkway at Washington Street Operations               | Intersection        | \$68 thousand           |
| GH-107            | Park Hill Drive at Lakeview Drive Operations                      | Intersection        | \$400 thousand          |
| GH-108            | MLK Blvd from Queen City Pkwy to EE Butler Pkwy                   | Widening            | \$12 million            |
| GH-111            | SR 60/Candler Road from South of I-985 to SR 124                  | Widening            | \$55 million            |
| GH-113            | Oak Tree Drive Operations   | Roadway Operations  | \$3 million             |

**Mid-Term Projects Total: \$304 Million**



# RTP Long-Term (2032-2040) Project List

| Project No | Project  | Project Type       | Cost          |
|------------|--|--------------------|---------------|
| GH-018     | SR 369/Browns Bridge Road from Forsyth County Line to SR 53    | Widening           | \$58 million  |
| GH-020     | US 129/Cleveland Highway from Limestone Parkway to Nopone Road | Widening           | \$73 million  |
| GH-033     | SR 13/Atlanta Highway from Radford Road to South of SR 53      | Widening           | \$145 million |
| GH-039     | South Enota Drive from Park Hill Drive to Downey Boulevard     | Widening           | \$10 million  |
| GH-040     | SR 53 from I-85 to SR 211                                      | Widening           | \$106 million |
| GH-079     | McEver Road from Jim Crow Road to SR 53                        | Widening           | \$118 million |
| GH-101     | Enota Drive Operations   | Roadway Operations | \$5 million   |
| GH-112     | Jesse Jewel Parkway from John Morrow Parkway to Academy Street | Widening           | \$6 million   |
| GH-114     | EE Butler Parkway/Athens Highway                               | Widening           | \$28 million  |
| GH-115     | SR 53 from I-85 to Tapp Wood Road                              | Widening           | \$67 million  |

**Long-Term Projects Total: \$616 Million**



# RTP Aspirations (Unfunded) Project List

| ASPIRATIONS (UNFUNDED) PROJECT LIST |   |                    |                |              |                |        |   |                               |                              |                    |
|-------------------------------------|---|--------------------|----------------|--------------|----------------|--------|---|-------------------------------|------------------------------|--------------------|
| PROJECT ID                          | PROJECT NAME AND DESCRIPTION  | PROJECT TYPE       | EXISTING LANES | FUTURE LANES | LENGTH (MILES) | COUNTY | YEAR OF EXPENDITURE (ASSUMED FOR COSTING) | PRELIMINARY ENGINEERING COSTS | RIGHT OF WAY & UTILITY COSTS | CONSTRUCTION COSTS |
| GH-017                              | SR 13 FROM I-985 TO & ALONG MEMORIAL PK DR TO SR 369  | WIDENING           | 2              | 4            | 3.6            | HALL   | 2040                                      | \$0                           | \$24,043,229                 | \$43,250,155       |
| GH-019                              | SR 52/LULA RD - 1 MILE NORTH OF SR 365 TO SOUTH OF JULIAN WILEY RD  | WIDENING           | 2              | 3            | 3.2            | HALL   | 2040                                      | \$0                           | \$8,400,976                  | \$26,785,554       |
| GH-028                              | SR 332/POPLAR SPRINGS ROAD AT WALNUT CREEK - BRIDGE   | BRIDGE             |                | N/A          |                | HALL   | 2040                                      | \$0                           | \$1,221,713                  | \$2,520,404        |
| GH-035                              | US 129/CLEVELAND HWY - N OF NORFOLK / J HOOO ROAD TO SR 284/CLARKS BRIDGE RD  | WIDENING           | 2              | 4            | 5.6            | HALL   | 2040                                      | \$3,965,218                   | \$11,977,102                 | \$28,902,177       |
| GH-036                              | US 129 - SR 284/CLARKS BRIDGE ROAD TO WHITE CO. LINE  | WIDENING           | 2              | 4            | 2.7            | HALL   | 2040                                      | \$0                           | \$6,441,546                  | \$27,344,105       |
| GH-041                              | OLD CORNELIA HWY - EXIST 4-LANE E OF I-985 TO JOE CHANDLER RD   | WIDENING           | 2              | 4            | 1.4            | HALL   | 2040                                      | \$2,051,289                   | \$17,515,290                 | \$25,641,096       |
| GH-046                              | SR 323/GILLSVILLE HWY - US 129/ATHENS HWY TO E OF SR 82/HOLLY SPRINGS ROAD  | WIDENING           | 2              | 3            | 2.6            | HALL   | 2040                                      | \$0                           | \$42,260,321                 | \$21,318,044       |
| GH-056                              | SR 138/BRIDGE ROAD @ CHESTATEE RIVER- BRIDGE  | BRIDGE             |                | N/A          |                | HALL   | 2040                                      | \$847,196                     | \$46,991                     | \$1,210,116        |
| GH-066                              | NORTHERN CONNECTOR - NEW CONNECTOR BETWEEN SR 60 AND SR 365   | NEW LOCATION       | 0              | 4            | 12.5           | HALL   | 2040                                      | \$39,452,053                  | \$39,452,053                 | \$147,785,258      |
| GH-067                              | WIDEN RIDGE ROAD FROM QUEEN CITY PKWY TO OLD CORNELIA HWY   | WIDENING           | 2              | 4            | 3.5            | HALL   | 2040                                      | \$6,624,208                   | \$26,801,149                 | \$32,816,712       |
| GH-070                              | WIDEN (6 LANES) I-985 FROM GWINNETT CO. LINE TO EXIT 24   | WIDENING           | 4              | 6            | 16.6           | HALL   | 2040                                      | \$8,122,898                   | \$0                          | \$506,323,924      |
| GH-071                              | WIDEN SR 365 FROM EXIT 24 ON I-985 TO HALL CO. LINE. INCLUDES 3 NEW DIAMOND INTERCHANGES  | WIDENING           | 4              | 6            | 26.6           | HALL   | 2040                                      | \$21,270,959                  | \$0                          | \$191,438,627      |
| GH-072                              | WIDEN SR 53/DAWSONVILLE HWY-DOCKETT MILL ROAD TO FORESTH CO. LINE   | WIDENING           | 2              | 4            | 2.0            | HALL   | 2040                                      | \$2,608,988                   | \$11,023,608                 | \$12,457,287       |
| GH-080                              | SR 13/ATLANTA HWY FROM SR 347 TO RADFORD RD   | WIDENING           | 2              | 4            | 4.6            | HALL   | 2040                                      | \$19,485,076                  | \$130,966,598                | \$44,399,083       |
| GH-082                              | JOE CHANDLER ROAD WIDENING - SR 60 TO OLD CORNELIA HWY  | WIDENING           | 2              | 4            | 5.4            | HALL   | 2040                                      | \$10,091,735                  | \$58,792,580                 | \$32,033,024       |
|                                     | DAWSONVILLE HWY/SR 52 AT MCEVER RD - LOCAL ROADWAY/PARALLEL CONNECTIONS   | NEW LOCATION       | 0              | 2            | 0.9            | HALL   | 2040                                      | \$2,995,142                   | \$4,118,322                  | \$11,980,576       |
|                                     | FROM JESSE JEWELL PKWY TO INTERSECTION OF GROVE ST. AND PARKER ST.  | NEW LOCATION       | 0              | 2            | 0.1            | HALL   | 2040                                      | \$300,743                     | \$639,080                    | \$1,202,973        |
|                                     | SPRING ST EXTENSION WEST TO WASHINGTON ST., APPROXIMATELY 600' WEST OF ACADEMY ONE WAY EB   | NEW LOCATION       | 0              | 2            | 0.2            | HALL   | 2040                                      | \$251,997                     | \$535,492                    | \$1,007,984        |
|                                     | PATRICK DRIVE EXTENSION WEST TO MLK, JR. BLVD.  | NEW LOCATION       | 0              | 2            | 0.1            | HALL   | 2040                                      | \$100,247                     | \$137,842                    | \$400,990          |
|                                     | IVEY TERRACE EXTENSION TO GREEN STREET  | NEW LOCATION       | 0              | 2            | 0.3            | HALL   | 2040                                      | \$309,033                     | \$251,089                    | \$1,236,128        |
|                                     | INDUSTRIAL BLVD EXTENSION NORTH UNDER ATHENS HWY TO JESSE JEWELL AT BRANCH ST/W MULTIBUSE TRAIL   | NEW LOCATION       | 0              | 2            | 1.7            | HALL   | 2040                                      | \$3,533,057                   | \$4,625,755                  | \$12,274,646       |
|                                     | MODIFY FREEWAY SIGNAGE TO ENCOURAGE GREATER USE OF JESSE JEWELL PKWY FOR ACCESS TO GAINESVILLE AND TRAVEL TO THE NORTH. CONSIDER REMOVAL OF US 129 BUSINESS DESIGNATION SO THAT US 129 TRAFFIC USES JESSE JEWELL PKWY | ROADWAY OPERATIONS |                | N/A          |                | HALL   | 2040                                      | \$0                           | \$0                          | \$469,911          |

| ASPIRATIONS (UNFUNDED) PROJECT LIST |  |                          |                |              |                |        |   |                               |                              |                    |
|-------------------------------------|--|--------------------------|----------------|--------------|----------------|--------|---|-------------------------------|------------------------------|--------------------|
| PROJECT ID                          | PROJECT NAME AND DESCRIPTION   | PROJECT TYPE             | EXISTING LANES | FUTURE LANES | LENGTH (MILES) | COUNTY | YEAR OF EXPENDITURE (ASSUMED FOR COSTING) | PRELIMINARY ENGINEERING COSTS | RIGHT OF WAY & UTILITY COSTS | CONSTRUCTION COSTS |
|                                     | JESSE JEWELL PKWY AT PRIOR STREET OPERATIONS - ADD 100' NORTHBOUND AND SOUTHBOUND LT LANES   | INTERSECTION             |                | N/A          |                | HALL   | 2040                                      | \$163,685                     | \$161,336                    | \$201,280          |
|                                     | BROWNS BRIDGE RD AT PEARL NIX PKWY OPERATIONS - ADD SECOND NB LEFT TURN LANE (300' IN LENGTH) AND ADD SECOND SB LEFT TURN LANE (200' IN LENGTH); ADD EB RIGHT TURN LANE (250' IN LENGTH) AND ADD WB RIGHT TURN LANE (125' IN LENGTH) | INTERSECTION             |                | N/A          |                | HALL   | 2040                                      | \$1,010,310                   | \$986,814                    | \$1,386,239        |
|                                     | INTERCHANGE: QUEEN CITY PARKWAY - IMPLEMENT OPERATIONAL CHANGES SUCH AS EXTENDING LANES, ADDING AUX LANES AND MODIFYING RAMP OPERATIONS  | INTERCHANGE MODIFICATION |                | N/A          |                | HALL   | 2040                                      | \$939,823                     | \$939,823                    | \$3,759,291        |
|                                     | INTERCHANGE: JESSE JEWELL PARKWAY - IMPLEMENT OPERATIONAL CHANGES SUCH AS EXTENDING LANES, ADDING AUX LANES AND MODIFYING RAMP OPERATIONS  | INTERCHANGE MODIFICATION |                | N/A          |                | HALL   | 2040                                      | \$939,823                     | \$939,823                    | \$3,759,291        |
|                                     | SR 124 FM BARROW CO LINE TO SR 60  | WIDENING                 | 2              | 4            | 8.1            | HALL   | 2040                                      | \$12,261,036                  | \$105,243,261                | \$153,262,958      |
|                                     | DAWSONVILLE HWY/SR 53 CAPACITY - WIDEN TO 6 LANES FROM SPORTSMAN CLUB RD TO WASHINGTON ST  | WIDENING                 | 4              | 6            | 1.8            | HALL   | 2040                                      | \$3,112,308                   | \$2,528,747                  | \$12,449,224       |
|                                     | JESSE JEWELL PKWY AT E BUTLER PKWY GRADE SEP. - LONG TERM ALTERNATIVE: IMPLEMENT A GRADE SEPARATED LEFT TURN OVERPASS DESIGN   | INTERSECTION             |                | N/A          |                | HALL   | 2040                                      | \$3,759,291                   | \$3,759,291                  | \$15,037,185       |
|                                     | ATHENS STREET/MCDONALD STREET CONNECTOR - REALIGN ATHENS ST. TO CROSS PURINA DR. AND CONNECT TO MCDONALD ST.   | NEW LOCATION             | 0              | 2            | 0.3            | HALL   | 2040                                      | \$500,510                     | \$688,200                    | \$2,002,039        |
|                                     | COMMUNITY WAY EXTENSION TO LIMESTONE PKWY & CONTINUE TO WHITE SULPHUR RD.; REALIGN INTERSECTION AT JESSE JEWELL  | NEW LOCATION             | 0              | 2            | 1.2            | HALL   | 2040                                      | \$1,671,274                   | \$2,297,998                  | \$6,685,091        |
|                                     | DAWSONVILLE HWY/SR 52 AT MCEVER RD - LOCAL ROADWAY/PARALLEL CONNECTIONS  | NEW LOCATION             | 0              | 2            | 0.4            | HALL   | 2040                                      | \$0                           | \$0                          | \$19,097,200       |
|                                     | CONTROL CENTER - MODIFY TRAFFIC SIGNAL FIELD DEVICES TO OPERATE ON INTERNET PROTOCOL, INSTALL MONITORING AND CONTROL EQUIPMENT IN TRAFFIC CONTROL CENTER, CONNECT TO CITY FIBER OPTICS NETWORK FOR COMM WITH TCC                     | SIGNAL OPERATIONS        |                | N/A          |                | HALL   | 2040                                      | \$0                           | \$0                          | \$939,823          |
|                                     | SIGNAL TIMING - PROVIDE COMPREHENSIVE SIGNAL RETIMING WITH CONSIDERATION OF TRAFFIC RESPONSIVE PLANS ALONG CONGESTED CORRIDORS (78 INTERSECTIONS)  | SIGNAL OPERATIONS        |                | N/A          |                | HALL   | 2040                                      | \$0                           | \$0                          | \$469,911          |
|                                     | SIGNAL TIMING - PROVIDE COMPREHENSIVE SIGNAL RETIMING WITH CONSIDERATION OF TRAFFIC RESPONSIVE PLANS ALONG CONGESTED CORRIDORS (78 INTERSECTIONS)  | SIGNAL OPERATIONS        |                | N/A          |                | HALL   | 2040                                      | \$0                           | \$0                          | \$563,894          |



# Dawsonville Highway Projects

| Dawsonville Hwy Widening<br>(Sportsman Club Rd-Washington St) |               | Dawsonville Hwy Widening<br>(Ducket Mill Rd-Forsyth County) |              | Dawsonville Hwy Parallel Connections<br>0.4 Mile |              | Dawsonville Hwy Parallel Connections<br>0.9 Mile |              |
|---|---------------|---|--------------|--|--------------|--|--------------|
| Year  | Cost          | Year  | Cost         | Year   | Cost         | Year   | Cost         |
| 2040  | \$ 18,090,279 | 2040  | \$26,089,883 | 2040   | \$19,097,200 | 2040   | \$19,094,040 |
| 2039  | \$ 17,692,293 | 2039  | \$25,515,906 | 2039   | \$18,677,062 | 2039   | \$18,673,971 |
| 2038  | \$ 17,303,062 | 2038  | \$24,954,556 | 2038   | \$18,266,166 | 2038   | \$18,263,144 |
| 2037  | \$ 16,922,395 | 2037  | \$24,405,555 | 2037   | \$17,864,311 | 2037   | \$17,861,355 |
| 2036  | \$ 16,550,102 | 2036  | \$23,868,633 | 2036   | \$17,471,296 | 2036   | \$17,468,405 |
| 2035  | \$ 16,186,000 | 2035  | \$23,343,523 | 2035   | \$17,086,927 | 2035   | \$17,084,100 |
| 2034  | \$ 15,829,908 | 2034  | \$22,829,966 | 2034   | \$16,711,015 | 2034   | \$16,708,250 |
| 2033  | \$ 15,481,650 | 2033  | \$22,327,707 | 2033   | \$16,343,373 | 2033   | \$16,340,668 |
| 2032  | \$ 15,141,054 | 2032  | \$21,836,497 | 2032   | \$15,983,818 | 2032   | \$15,981,173 |
| 2031  | \$ 14,807,951 | 2031  | \$21,356,094 | 2031   | \$15,632,174 | 2031   | \$15,629,588 |
| 2030  | \$ 14,482,176 | 2030  | \$20,886,260 | 2030   | \$15,288,266 | 2030   | \$15,285,737 |
| 2029  | \$ 14,163,568 | 2029  | \$20,426,762 | 2029   | \$14,951,925 | 2029   | \$14,949,451 |
| 2028  | \$ 13,851,969 | 2028  | \$19,977,373 | 2028   | \$14,622,982 | 2028   | \$14,620,563 |
| 2027  | \$ 13,547,226 | 2027  | \$19,537,871 | 2027   | \$14,301,277 | 2027   | \$14,298,910 |
| 2026  | \$ 13,249,187 | 2026  | \$19,108,038 | 2026   | \$13,986,649 | 2026   | \$13,984,334 |
| 2025  | \$ 12,957,705 | 2025  | \$18,687,661 | 2025   | \$13,678,942 | 2025   | \$13,676,679 |
| 2024  | \$ 12,672,635 | 2024  | \$18,276,533 | 2024   | \$13,378,006 | 2024   | \$13,375,792 |
| 2023  | \$ 12,393,837 | 2023  | \$17,874,449 | 2023   | \$13,083,689 | 2023   | \$13,081,525 |
| 2022  | \$ 12,121,173 | 2022  | \$17,481,211 | 2022   | \$12,795,848 | 2022   | \$12,793,731 |
| 2021  | \$ 11,854,507 | 2021  | \$17,096,624 | 2021   | \$12,514,340 | 2021   | \$12,512,269 |
| 2020  | \$ 11,593,708 | 2020  | \$16,720,499 | 2020   | \$12,239,024 | 2020   | \$12,236,999 |
| 2019  | \$ 11,338,646 | 2019  | \$16,352,648 | 2019   | \$11,969,766 | 2019   | \$11,967,785 |
| 2018  | \$ 11,089,196 | 2018  | \$15,992,890 | 2018   | \$11,706,431 | 2018   | \$11,704,494 |

2.2% discounted per year



# Food for Thought

- Martin Road widening project removed (\$46 million)
- Martin Road Alternative Improvements #7 (<\$1 million)
- **\$45 million** available for something else in RTP mid-term (2024-2032)
- HB 170 funding potentially available for additional projects beyond RTP financially-constrained project list
- HB 134/T-SPLOST to fund additional projects

# Transportation Improvement Program (TIP)

- A document prepared by a metropolitan planning organization that lists projects to be funded with FHWA/FTA funds for the next four-year period
- Projects in TIP are selected from RTP's financially-constrained project list



# 2018-2021 TIP

| Projects                                | FY 2018      | FY 2019      | FY 2020      | FY 2021      |
|---|--------------|--------------|--------------|--------------|
| Sardis Road Connector                   |              |              | \$22,874,000 |              |
| Cleveland Highway Widening              |              | \$3,703,000  | \$6,171,000  | \$2,468,000  |
| Spout Springs Road Widening             | \$9,246,000  | \$39,525,000 |              |              |
| Bridge Replacement on Poplar Springs Rd |              | \$123,000    | \$1,568,000  |              |
| Thompson Bridge Road Widening           |              | \$14,701,000 |              |              |
| Bridge Replacement on Price Road        |              |              |              | \$3,829,000  |
| Bridge Replacement on Browns Bridge Rd  | \$10,947,000 |              |              |              |
| Jesse Jewel Pkwy-John Morrow Pkwy       | \$590,000    | \$1,563,000  |              |              |
| Bridge Replacement on Dawsonville Hwy   |              | \$216,000    |              | \$20,103,000 |
| Dawsonville Hwy at McEver Rd Operations |              | \$116,000    |              |              |
| I-85 Widening                           | \$1,955,000  |              |              |              |
| Oak Tree Drive Operations               | \$423,000    |              |              | \$710,000    |
| Bridge Replacement on I-985             |              | \$250,000    | \$3,300,000  |              |
| Railroad Crossing on Tumbling Creek Rd  |              |              | \$4,421,000  |              |
| Old Winder Highway Widening             | \$21,000     |              | \$105,000    |              |
| Bridge Replacement on Thompson Br Rd    | \$500,000    |              | \$1,000,000  |              |
| I-985 Widening                          | \$1,060,000  | \$1,590,000  |              |              |

**Total on roadway projects: \$153,453,000**



# 2018-2021 TIP

- Roadway projects: \$153 Million
- Transit projects: \$17 Million
- Lump sum projects: \$191 Million
- **Grand Total:** **\$361 Million**

# Questions/Discussion

