

Resolution No. 2020-12



A RESOLUTION AUTHORIZING AGREEMENTS RELATED TO THE 2021-2022 WORK PROGRAM

The Policy Board of the Rochester Olmsted Council of Governments, after due consideration, hereby makes the following findings:

1. The 2021-2022 Transportation Planning Work Program (TPWP) for the Rochester Olmsted Council of Governments (ROCOCG) provides for a comprehensive transportation planning program in keeping with the policies of ROCOCG.
2. The TPWP requires that agreements with funding agencies be entered into, which in turn requires that the ROCOCG Chair and Executive Director be authorized to sign agreements for funding.
3. The work program is based on estimates of hours for various tasks. In carrying out these activities, especially those related to project planning and development, it has been found that these estimates in some cases understate, and in other cases overstate the level of effort. Later minor amendments to the 2021-2022 Work Program may still be needed to adjust budgeted efforts to match actual expenditures.

IN CONSIDERATION OF THESE FINDINGS, IT IS HEREBY RESOLVED by the Rochester Olmsted Council of Governments

1. The 2021-2022 Transportation Planning Work Program for the Rochester Olmsted Council of Governments is hereby approved;
2. The ROCOCG Chair and Executive Director are authorized to enter into agreements and amendments as needed with appropriate state and federal agencies to provide funding for the approved TPWP;
3. ROCOCG commits to the provision of the local share of 20% match to the state/federal funding sources;
4. That full TPWP amendments, per current policy of MnDOT and FTA/FHWA, will be authorized by formal action of ROCOCG; and
5. The Executive Director is authorized, without action by ROCOCG, but with information provided to ROCOCG, to enter into administrative amendments to the TPWP per the current policy of MnDOT and FTA/FHWA as may be necessary during the work program time period.

Upon motion by Mr. Keane, seconded by Mr. Staver, this 23rd day of September 2020.

ROCHESTER-OLMSTED COUNCIL OF GOVERNMENTS

By:  Chairman

ATTEST:  Dated: 9/25/2020 | 12:18 PM CDT

Ben Griffith, AICP, Executive Director, ROCOG



**UNIFIED
PLANNING
WORK
PROGRAM**

2021 -2022

SEPTEMBER 2020

This document may not be fully ADA accessible. For assistance, please contact the Olmsted County Planning Department at 507-328-7100.

Preparation of this document is financed in part by the U.S. DOT and the Minnesota Department of Transportation (MnDOT) as referenced in the Rochester-Olmsted Council of Governments (ROCOG) 2020 Transportation Work Program under Work Task 2211. Any questions or comments regarding this document may be directed to ROCOG at 2122 Campus Drive S.E., Rochester, MN. 55904, 507-328-7100. This document can be made available in alternative formats by contacting the ROCOG Transportation Planner Bryan Law at law.bryan@co.olmsted.mn.us

Table of Contents

| | |
|---|----|
| ROCOG Work Program Overview | 5 |
| Work Tasks for Calendar Year 2021 and Prospective 2022 Activities | 5 |
| Program Funding..... | 6 |
| Work Program Studies Summary..... | 6 |
| ROCOG Work Program Studies Chart | 7 |
| Federal Emphasis Areas Discussion | 9 |
| MAP-21 (and FAST Act) Implementation:..... | 9 |
| Category 2210: ROCOG MPO Process | 9 |
| Objective: | 9 |
| Task 2211 Unified Planning Work Program (UPWP) | 10 |
| Anticipated 2021 Work Activities | 10 |
| Anticipated 2022 Work Activities | 10 |
| Task 2212 MPO Related Meetings..... | 11 |
| Anticipated 2021 Work Activities | 11 |
| Anticipated 2022 Work Activities | 11 |
| Task 2213 Federal and State Planning Coordination | 13 |
| Anticipated 2021 Work Activities | 13 |
| Anticipated 2022 Work Activities | 14 |
| Task 2214 TIP / ATIP / STIP | 15 |
| Anticipated 2021 Work Activities | 15 |
| Anticipated 2022 Work Activities | 15 |
| Category 2220: Planning Activities | 18 |
| Objective | 18 |
| Task 2221 Transportation Data Management..... | 18 |
| Anticipated 2021 Work Activities | 18 |
| Anticipated 2022 Work Activities | 19 |
| Task 2222 Destination Medical Center Transportation Implementation..... | 20 |
| Anticipated 2021 Work Activities | 20 |
| Anticipated 2022 Work Activities | 21 |
| Task 2223 Multi-Modal Policies & Studies | 22 |
| Anticipated 2021 Work Activities | 22 |
| Anticipated 2022 Work Activities | 23 |
| Category 2230: Technical Planning Support..... | 24 |

| | |
|--|----|
| Objective | 24 |
| Task 2231 GIS MPO Support | 24 |
| Anticipated 2021 Work Activities | 24 |
| Anticipated 2022 Work Activities | 25 |
| Task 2232 Travel Demand Model | 26 |
| Anticipated 2021 Work Activities | 26 |
| Anticipated 2022 Work Activities | 26 |
| Category 2240: Other Area Work Supported with Federal Funds | 28 |
| Objective | 28 |
| Task 2241: Rochester Downtown Rapid Transit Small Starts Planning and Implementation | 28 |
| Anticipated 2021 Work Activities | 29 |
| Task 2242: Rochester Public Transit Year 2022 Transit Development Program (TDP) | 30 |
| Anticipated 2022 Work Activities | 30 |
| ROCOG's 2021 Time and Cost Table | 32 |
| 2021 Fringe and Indirect Rates | 32 |

Work Tasks for Calendar Year 2021 and Prospective 2022 Activities

The Rochester-Olmsted Council of Governments (ROCOG) 2021-2022 Unified Planning Work Program (UPWP) provides a summary of planning activities proposed by ROCOG for Calendar Year 2021 and an overview of prospective 2022 work activities.

The central core of work in the ROCOG Work Program in 2021 will be work on implementing the new 2045 Long Range Transportation Plan (LRTP). Other work elements address the on-going work supporting the implementation of the Destination Medical Center Development (DMC) Plan along with policies adopted as part of the Rochester Comprehensive Plan. The DMC Plan, along with the 2011 Rochester Downtown Master Plan, established the goal to reduce single occupant vehicle commuting among downtown workers from 70% to 50% over 20 years. The Rochester Comprehensive Plan considers city-wide and regional implications of this goal in light of expected 50% growth in employment and population in Rochester by 2040 along with anticipated changes in housing markets and the future fiscal realities of constrained funding. The Rochester Comprehensive Plan includes a transportation component, with specific focus on long range transit system planning.

This ROCOG Work Program includes transportation planning activities that are divided into three major categories. The anticipated work tasks in these categories are described in detail beginning on page 10. The three major categories are:

- **ROCOG MPO Process (Category 2210):** Work tasks in this category include development/management of the Work Program, staff support for ROCOG and Metropolitan Planning Organization (MPO) related meetings, involvement with MnDOT state/district-wide planning, implementing planning requirements of the FAST Act and anticipated federal program reauthorization or legislation (Note: FAST Act authorization expires September 30, 2020), and coordination of ROCOG's Transportation Improvement Program (TIP) process with the state and MnDOT District 6 area counterparts (STIP and ATIP, respectively).
- **Planning Activities (Category 2220):** Work tasks in this category will focus on providing staff support for work related to the implementation of the ROCOG 2045 Plan, assistance to local units of government on transportation planning issues such as the transit-supportive nodes and corridors initiatives of the Rochester Comprehensive Plan or corridor studies such as the TH 14 West Planning Study in the Byron area, and staff support for the transportation planning implementation efforts of the Destination Medical Center (DMC) Economic Development Plan.
- **Technical Support (Category 2230):** Work in this category includes data development and the development and maintenance of public information products, such as GIS Story-mapping in support of transportation planning. ROCOG will work with their Regional Traffic Forecasting Model consultant (funded with local dollars) to develop staff capabilities related to use and maintenance of the model in order to replace staff responsible for modeling who have left ROCOG employment. A priority is to have ROCOG staff learning CUBE software in 2021 and to work with the consultant on recalibration of the model.

Another section of the UPWP describes the activities of organizations in the area other than ROCOG.

- **Other Area Work Supported with Federal Funds (Category 2240):** This is a category used to report on transportation planning with being done in the ROCOG area by other units of government on projects that will likely utilize federal transportation funds. Note that when planning projects within the ROCOG planning boundary are conducted using federal funds they must be included in the area's MPO UPWP. Also note that funding for these projects does not show up in the budget as ROCOG staff work, as they are led and staffed by other agencies, with ROCOG staff in a support role in terms of providing data/information and serving on project committees.

Program Funding

Program funding is comprised mostly of federal funds along with contributions from MnDOT and local matches from Olmsted County. Note that there are also other local funds from Olmsted County supporting related studies and planning work on matters such as land use planning that involve ROCOG staff outside of the Consolidated Planning Grant (CPG) funding structure for tasks that are ineligible for the CPG.

Work Program Studies Summary

The table below provides a summary of major transportation planning activities anticipated for the years 2021-2022, along with projects from the current and immediately previous years to provide a sense of the program continuity related to these major transportation issues. Some projects will have transportation planning staff support using CPG funds and other projects will have staff support using only local county funds. Included are projects that will provide the foundation to support implementation planning work to advance major transportation strategies identified in the ROCOG Long Range Transportation Plan 2045, Destination Medical Center plan (DMC), the Rochester Comprehensive Plan, and various other local and state plans.

ROCOG Work Program Studies Chart

| Activity | Lead Entity | 2019 | 2020 | 2021 | 2022 |
|--|---|---|--|---|--|
| ROCOG Long Range Plan | ROCOG | Prepare initial chapter information and preliminary recommendations | Solicit public input, refine final chapter text, and adopt 2045 ROCOG Plan | Begin work on plan implementation; bring to Rochester and Olmsted County for approval action. | Continue work on implementation |
| Performance Planning Coordination | MnDOT/ROCOG | Review and adoption of PM1 targets; Monitor progress toward performance targets | Continue to monitor progress toward PM1 targets; review and adopt PM2 and PM3 targets, including updated resolutions as need; Adopt PTASP Safety Performance Targets | Monitor progress toward performance targets and confirm updated PM1 targets | Monitor progress towards performance targets and confirm updated PM1, PM2, and PM3 targets; Review and adopt TAM plans and targets |
| TIPs & UPWPs | ROCOG | Prepared the MPO TIP and UPWP with local, MnDOT, federal, and public input | Prepare the MPO TIP and UPWP with MnDOT, federal, public input | Prepare the MPO TIP and UPWP with MnDOT, federal, public input | Prepare the MPO TIP and UPWP with MnDOT, federal, public input |
| DMC / Downtown Parking Strategy | Rochester and DMC Economic Development Authority; ROCOG in a support role | Began work on developing policies, agreements, & services needed to support unified downtown parking program, | Program planning continues with work on East and West Transit Villages; expansion of remote park and ride sites, and evaluation of | Anticipate continued project development work on parking implementation | Continue development work and initiate implementation |

| Activity | Lead Entity | 2019 | 2020 | 2021 | 2022 |
|--|---|---|--|---|---|
| | | including park and ride facilities for downtown workers | downtown parking expansion needs | | |
| DMC / Downtown Rapid Transit | Rochester and DMC Economic Development Authority; ROCOG in a support role | Identified locally preferred circulator alternative | Amend ROCOG Long Range Plan to include Rapid Transit Project in Fiscally Constrained Plan; work on Small Starts Application to gain acceptance into Small Starts program | Continuation of project development activities related to funding program and infrastructure program with intent to enter Fully Funded Agreement with FTA | Continue planning toward planned opening of BRT service in 2025 |
| Travel Demand Forecasting Model | ROCOG /Consultant | Modeling for LRTP Update along with various project development studies | Finish LRTP work; work with model consultant to update model for Rapid Transit study | Provide new staff opportunity to learn CUBE software from consultants; work on model recalibration | Combination consultants and staff doing modeling |
| GIS Support Work | ROCOG/Olmsted GIS Dept | Database maintenance and support for ROCOG LRTP update | Database maintenance and support for ROCOG LRTP update | Incorporate information such as updated LRTP system plans into GIS database | Work necessary to directly support ROCOG planning work |
| Multi-Modal Planning | ROCOG | Planning support for development of multi-modal projects | Planning support for development of multi-modal projects | Planning support for development of multi-modal projects | Planning support for development of multi-modal projects |

Federal Emphasis Areas Discussion

The current FHWA and FTA emphasis area for MPO work programs is:

- Fixing America's Surface Transportation (FAST) Act Implementation of new Planning Requirements

FAST Act Implementation:

The US DOT is emphasizing that efforts continue a transition towards performance-based planning and programming. ROCOG took steps in its latest update of the LRTP to identify and consider generalized system performance information in developing the plan. Beginning in 2017, ROCOG worked with MnDOT and Rochester Public Transit to establish and agree to required performance targets. This Work Program and those in following years will support the development of new targets, as needed for federal performance criteria. This includes baseline reporting on performance measures in the LRTP and reporting on performance measures and anticipated effects in the ROCOG area during the annual TIP update process.

Category 2210: ROCOG MPO Process

Objective:

To ensure the responsible management of federal and state planning funds distributed through the Consolidated Planning Grant (CPG) and state grant; provide necessary staff support for the ROCOG Board and Transportation Technical Advisory Committee (TTAC) activities as well as coordination with other transportation focused community groups; monitor and respond in a timely manner to federal or state initiated policies or directives related to transportation programs, and ensure the process for programming state and federal transportation funds is completed in a timely manner through a process open to the public for review and comment.

Task 2211 Unified Planning Work Program (UPWP)

Anticipated 2021 Work Activities

The UPWP sets the course for ROCOG's work each year, and provides a useful guide to the breadth of work that MPOs like ROCOG undertake. The UPWP is also an important tool in reporting on ROCOG's use of CPG funding.

- Preparation of Quarterly Reports & Invoices.
- Manage revenues, expenditures, and program outcomes.
- Coordinate Mid-Year Review.
- Process 2021 UPWP Amendments.
- Prepare 2022-2023 UPWP.
- Secure approval of annual agreements (CPG / MnDOT funding and cooperative agreements for services as needed with Rochester and Olmsted County).
- Attendance at transportation work program related conferences and workshops.
- Participation in transportation work program related webinars or other on-line training resources.

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
| Category | Work Element Title |
| | ROCOG MPO Process |
| 2211 | UPWP |
| 2212 | MPO Related Meetings |
| 2213 | Federal/ State Planning Coordination |
| 2214 | TIP, ATIP, STIP |
| | Planning Activities |
| 2221 | Transportation Data Management |
| 2222 | DMC Transportation Implementation |
| 2223 | Multi-Modal Policy/Studies |
| | Technical Support |
| 2231 | GIS Support to MPO |
| 2232 | Travel Demand Model |

Work Products include:

1. Quarterly Progress Reports
2. Quarterly Invoices
3. Manage contracts
4. Host and prepare for Mid-year review
5. Amendments prepared and submitted as needed to 2021 Work Program
6. 2022-2023 UPWP
7. Agreements authorized by ROCOG with cooperative agreements finalized with City of Rochester and/or Olmsted County and any consultants

Anticipated 2022 Work Activities

Same as 2021

Task 2212 MPO Related Meetings

Anticipated 2021 Work Activities

ROCOG's work involves planning for and conducting meetings that govern the MPO and adopt its plans, as well as communicating with the public through digital platforms. ROCOG staff also represent the MPO in transportation planning efforts.

- Staff support for ROCOG and TTAC meetings.
- Coordination on policy issues with other MPOs in state.
- Coordination with local transportation advocates on transportation issues.
- General coordination with local planning and implementation agencies on transportation issues.
- Attend community planning meetings as ROCOG staff representatives.
- ROCOG Web Site maintenance and development.
- ROCOG Facebook page updates.

| FY 2021 Unified Planning Work Program | |
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Work Products include:

1. Prepare agendas, minutes and memos on agenda topics for ROCOG Policy Board and TTAC.
2. Attend Annual MPO Workshop and other joint meetings with Minnesota MPOs.
3. Attend meetings and provide support for activities of local transportation advocacy groups as requested (NOTE: This activity will not include any lobbying activities).
4. Attend meetings and provide information to local agencies and organizations on transportation-related matters.
5. Maintenance of the ROCOG web site to provide current information to the public, board members, and agency staff.
6. Research, compose, and post content to the ROCOG Facebook page.
7. Ensure ROCOG, TTAC, and other MPO-originated meetings are accessible via telecommunications, video-meeting software, and other remote-attendance methods necessitated by social-distancing requirements of pandemic response.

Anticipated 2022 Work Activities

Same as 2021

AGENDA



NOTICE

You are hereby notified of the Rochester-Olmsted Council of Governments meeting to be held on **Wednesday, May 27, 2020 at 12:00 PM** in **Skype Meeting** located at **Olmsted County, Rochester, MN 55904.**

I. ADMINISTRATIVE BUSINESS

1. Call the meeting to order - Roll Call
2. Approve the minutes of the May 13, 2020 special meeting

II. PUBLIC HEARING

1. Public Hearing to Amend the 2040 Long Range Transportation Plan to Include the Rapid Transit Locally Preferred Alternative (Action Item—vote on Resolution #2020-08)

III. OTHER AGENDA ITEMS

1. Financial Assessment of the Active Transportation Network for the 2045 Long Range Transportation Plan (LRTP) – (Informational)
2. Preliminary Discussion of Financial Assessment of the Transit Element of the 2045 Long Range Transportation Plan (LRTP) – (Informational)

IV. OTHER BUSINESS

1. August 2020 ROCOG meeting will change from August 26 to August 19
2. As may be brought up by Members

V. ADJOURNMENT

Task 2213 Federal and State Planning Coordination

Anticipated 2021 Work Activities

As an MPO, ROCOG has responsibilities initiated by federal legislation. This involves working collaboratively with federal, state, and local partners to ensure the transportation planning goals of all of them are consistent.

- Participate in MnDOT District and Statewide Planning Activities that are initiated in 2021 or continued from 2020 affecting facilities and services in ROCOG planning area.
- Coordinate with Federal and State activities related to implementation of FAST Act planning rules.
- Coordinate with Federal and State activity related to implementation of FAST Act and MAP-21 performance planning measures and targets.
- Respond to any proposed policy/program changes proposed in the federal transportation legislation that follows the FAST Act.
- Process routine updates to Federal Functional Classification Map as needed.
- Maintain data for use in updating Title VI and Low-English Proficiency plans every three years (last update was in 2017).
- Continue to refine the Public Involvement Policy, especially with regard to the emerging needs for remote access to public meetings.
- Collaborate with local jurisdictions on an update to the Functional Classification System.
- Work with City of Rochester on possible update to the City's 2013 Americans with Disabilities Act Plan.

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
| Category | Work Element Title |
| | ROCOG MPO Process |
| 2211 | UPWP |
| 2212 | MPO Related Meetings |
| 2213 | Federal/ State Planning Coordination |
| 2214 | TIP, ATIP, STIP |
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| 2222 | DMC Transportation Implementation |
| 2223 | Multi-Modal Policy/Studies |
| | Technical Support |
| 2231 | GIS Support to MPO |
| 2232 | Travel Demand Model |

Work Products include:

1. Participate in update/implementation of MnDOT's Family of Plans, including the Statewide Multimodal Transportation Plan, Minnesota State Highway Investment Plan, Transit Investment Plan, and State Pedestrian Plan.
2. Work with Performance Planning in cooperation with MnDOT, Rochester Public Transit, and FHWA/FTA.
3. Participate in City of Rochester's updated Americans with Disabilities Act Plan.
4. Updated Functional Classification Maps as needed.
5. Provide Functional Classification data to agency partners.
6. Updated Public Involvement Policy regarding remote access to public meetings.

Anticipated 2022 Work Activities

Same as 2021

Example of work done in this Work Element:

Table 3-5: ROCOG Region PM2—Bridge and Pavement Condition Performance Targets

| Target | MnDOT Target | ROCOG Planning Area |
|---|--------------|---------------------|
| Percentage of NHS bridges classified in good condition | 50% | 59%* |
| Percentage of NHS bridges in poor condition | 4% | <1% |
| Percentage of pavements of the Interstate system in good condition | 55% | 77% |
| Percentage of pavement of the Interstate system in poor condition | 2% | <1% |
| Percentage of pavements of the non-Interstate NHS in good condition | 50% | 68% |
| Percentage of pavements of the non-Interstate NHS in poor condition | 4% | 0.1% |

* indicates a 5-year average, 2014-2018

Each of these individual targets are established every four years, but State DOTs are required to report on each target annually. These six performance measures can be broken into two categories: bridge condition and pavement condition.

For the bridge condition targets, each bridge on the NHS system is assessed annually and the score is entered into the National Bridge Inventory (NBI). The score is based on the inspection ratings of the bridge's deck, superstructure, and substructure. Each bridge is given an overall rating based on the lowest score of the three elements. The scores are based on the following ranges:

Good 7-9
Fair 5-6
Poor 0-4

The ROCOG region is meeting and exceeding the bridge condition performance targets. In the 2021-2024 TIP, over \$16 million is programmed for projects involving bridges, most often bridge replacement at highway junctions or over rivers.

Task 2214 TIP / ATIP / STIP

Anticipated 2021 Work Activities

Producing the annual Transportation Improvement Program (TIP) update is an essential function of an MPO. The TIP is a four-year program of transportation projects in the ROCOG area, listing individual street/highway, active transportation, and transit projects, the authorities or agencies responsible for them, and their federal, state, and local costs.

- Prepare 2022-2025 MPO Transportation Improvement Program (TIP).
- Begin comprehensive re-imagining of TIP, based on models from other MPOs, to make the document more informative, useful, and user-friendly.
- Finalize approval of 2022-2025 TIP through TTAC and ROCOG for submittal to MnDOT.
- Attend District 6 Area Transportation Partnership (D-6 ATP) meetings.
- Work with TTAC and ROCOG to administer the MPO federal project selection process for the next cycle of TIP/State Transportation Improvement Program (STIP) preparation. The D-6 ATP provides ROCOG a funding target for purposes of facilitating MPO project selection and advancing MPO priorities. MPO-selected projects will be forwarded to the ATP for

inclusion in the Area Transportation Improvement Program (ATIP).

- Process amendments to the current TIP/STIP.
- Include FAST Act performance target information in TIP.
- Review and comment on City and County CIP Programming Priorities.

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
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| | ROCOG MPO Process |
| 2211 | UPWP |
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| 2223 | Multi-Modal Policy/Studies |
| | Technical Support |
| 2231 | GIS Support to MPO |
| 2232 | Travel Demand Model |

Work Products include:

- 1) Selection of MPO TIP projects.
- 2) Adoption of 2022-2025 TIP by ROCOG for submittal to MnDOT.
- 3) Staff attendance at ATP and ATP subcommittee meetings.
- 4) Process any 2025 TAP projects that may be funded in the ROCOG area.
- 5) Work with Rochester and Olmsted County in development of transportation CIPs.
- 6) Process amendments to the TIP as needed.
- 7) Respond to new TIP requirements or updating of current MPO planning documents to reflect intent of legislation that follows the FAST Act.

Anticipated 2022 Work Activities

Same as 2021

Example of work done in this Work Element:

| Route System | Project Number | Year | Agency | Description | Proposed Funds | Project Total | Target FHWA | Dist C FHWA | FTA | State TH | Local |
|----------------|----------------|------|----------------|--|----------------|---------------|-------------|-------------|-----------|----------|--|
| TRANSIT | TRF-0047-22E | 2022 | Rochester | Sect 5339 City of Rochester; St Marys Station | FTA | 3,500,000 | - | - | 2,800,000 | | 700,000 |
| TRANSIT | TRS-0047-22TC | 2022 | Rochester | STP purchase of 1 500 Class replacement bus | STBGP 5K-200K | 160,000 | - | 128,000 | - | - | 32,000 |
| Highway CSAH 4 | 055-604-018 | 2022 | Olmsted County | **AC**: CSAH 4 from jct CSAH 3 north to 0.5 miles west of jct 50th Ave NW and 60th Ave NW from CSAH 4 to 65th St NW in Rochester - reconstruction - (AC project - payback in 2023) | STBGP 5K-200K | 9,000,000 | 2,370,000 | - | - | - | 6,630,000 (2,460,000 in federal funds AC by Olmsted Co.) |
| HIGHWAY US 14 | 5580-94 | 2022 | MnDOT | **SPP**: I 90, EB from 2.5 mi E CSAH 1 in Mower County to 0.9 mi E US 63 in Olmsted | NHPP | 4,980,000 | 4,482,000 | - | - | 498,000 | - |

| Route System | Project Number | Year | Agency | Description | Proposed Funds | Project Total | Target FHWA | Dist C FHWA | FTA | State TH | Local |
|---------------|----------------|------|--------|---|----------------|---------------|-------------|-------------|-----|-----------|-------|
| | | | | County, mill and overlay | | | | | | | |
| Highway US 14 | 5501-40 | 2022 | MnDOT | US 14, Byron to Rochester from CSAH 34 to US 52, high tension cable barrier | HSIP | 826,000 | 743,400 | - | - | 82,600 | - |
| Highway MN 30 | 5505-27 | 2022 | MnDOT | MN 30, replace bridge 9008 and bridge 9009, over N. Br. Root River | STBGP< 5K | 5,700,000 | 4,560,000 | - | - | 1,140,000 | - |

Category 2220: Planning Activities

Objective

The ROCOG Long Range Transportation Plan (LRTP) 2045, adopted in 2020, recommends mid- and long-term transportation needs within the ROCOG planning area regarding roadways, active transportation (bicycles and pedestrians), and mass transit. The continued implementation of this plan will intersect with other long-term planning work, such as the Destination Medical Center plan and the City of Rochester's Comprehensive Plan. ROCOG's involvement in these and other planning activities contributes to their being continuing, cooperative, and comprehensive.

Task 2221 Transportation Data Management

Anticipated 2021 Work Activities

Federal legislation requires that MPO planning activities, like ROCOG's, be continuing, comprehensive, and cooperative. As a result, ROCOG is the primary source for transit agencies, road authorities, local units of government, and the general public to look for information and statistics about transportation in the region. This gives rise to common data requests that can be foreseen and prepared, so the data is ready for quick access by anyone who asks for it. ROCOG plans to begin development of a comprehensive data repository that will be public-facing. This will allow ROCOG staff and the public to easily and quickly access transportation data for the region.

Among the efforts ROCOG anticipates being involved in will include:

- Exploration of methods for extraction of US Census data
- Examination of existing data-extraction tools and potential for development of new ones
- Analysis of travel information from StreetLight and staff training on the use of this application

- Conduct study of crash data from MnCMATS 2 to understand increase in crash numbers since 2016 and refine high level crash analysis completed for LRTP update
- Exploration of new methods of gathering data on pedestrian and bicycle travel, or enhancement of existing methods

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
| Category | Work Element Title |
| | ROCOG MPO Process |
| 2211 | UPWP |
| 2212 | MPO Related Meetings |
| 2213 | Federal/ State Planning Coordination |
| 2214 | TIP, ATIP, STIP |
| | Planning Activities |
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| | Technical Support |
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| 2232 | Travel Demand Model |

Work Products include:

- 1) Increased familiarity with new US Census data-extraction tools such as Application Programming Interface and TidyCensus.
- 2) Explore functionality of StreetLight.
- 3) Examination of crash data in the MnCATS2 system.

- 4) Examination of bicycle and pedestrian traffic counting technology.
- 5) Development of ROCOG Report Card statistical information repository.

Anticipated 2022 Work Activities

ROCOG staff will continue involvement in these projects through 2022 and beyond, as this work is continuous.

Task 2222 Destination Medical Center Transportation Implementation

Anticipated 2021 Work Activities

In 2018 the City of Rochester and the Destination Medical Center Corporation Board (DMC) accepted the final reports developed as part of the 2017-2018 DMC Integrated Transit Studies (ITS) along with an Implementation Plan that identified a series of future recommended actions to help implement and achieve the vision of the original Destination Medical Center Development Plan.

During the year 2021, work is expected to continue on a number of the transportation-related actions that were identified in these planning efforts. Among the efforts ROCOG anticipates being involved in will include:

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|---------------------------------------|--------------------------------------|
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- Participation in monthly DMC Transportation, Infrastructure and Planning (DMC-TIP¹) meetings with staff from various city and county departments and the office of the DMC Economic Development Agency (EDA).
- Participation in continued Rochester Transit-Oriented Development (TOD) studies that began with a TOD study focused on the proposed Downtown Rapid Transit corridor in 2019-20. This planning effort is expected to continue with the Downtown Waterfront S.E. Small Area Plan in 2020-21, which will study a 60-acre redevelopment area through which Phase II of the Downtown Rapid Transit line will be aligned. ROCOG's role in this work will include participation in various study committees, provision of relevant information that the MPO provides partner jurisdictions for transportation study work, and review of study materials
- The City of Rochester is scheduled to submit an FTA Small Starts program in the Fall of 2020 for the Rochester Downtown Rapid Transit project (formerly known as the Downtown Circulator). ROCOG staff have been involved in previous stages of this planning process. If the Small Starts application is unsuccessful, ROCOG anticipates that the City of Rochester will apply for this grant at the following funding cycle, and ROCOG will be involved in that effort. If the Small Starts application is successful, ROCOG expects to continue being part of the various committees and planning efforts connected with implementing this project.
- ROCOG staff will provide planning information, such as traffic forecasts and data related to social, economic, and environmental conditions along selected high priority corridors that have been identified in the local Capital Improvement Program process for preliminary project development. Among the early priorities that have been identified is improvement associated with development of the West Transit Village, which will house a major park and ride facility of over 2500 parking spaces at the west end of the Downtown Rapid Transit project.

¹ Not to be confused with the four-year Transportation Improvement Program, which is often abbreviated as TIP.

Work Products include:

- 1) ROCOG is not expected to be responsible for the production of any final work products related to implementation of the DMC Integrated Transit Studies recommendations, including the Transit-Oriented Development Planning Study and the Downtown Rapid Transit project, but will provide staff support and MPO perspective on the technical work of the various consultants, and coordinate review and involvement of MPO stakeholders.
- 2) As the DMC public infrastructure projects evolve, there will be elements that require input or action by the ROCOG Policy Board and/or its Transportation Technical Advisory Committee (TTAC). Staff will monitor and bring forward those elements as needed to the Policy Board and TTAC.

Anticipated 2022 Work Activities

ROCOG staff will continue involvement in these projects through 2022 and beyond since the DMC implementation plan has a 20-year horizon.



Task 2223 Multi-Modal Policies & Studies

Anticipated 2021 Work Activities

The work of the MPO is inherently multimodal, and is not limited to planning for each mode in isolation. Instead, much of the MPO's planning work includes how the modes interact with each other. Because MPOs are regional organizations, ROCOG's work is characterized by a comprehensive involvement with various units of government and planning efforts of differing scale and level of detail.

- Participate in, and review findings of corridor studies, particularly those that will use MPO federal ATP funds.
- Participate in small-area studies recommended from the Rochester Comprehensive Plan to redevelop under-utilized land in a transit-oriented manner.
- Implementation planning for the ROCOG 2045 Long Range Plan.

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
| Category | Work Element Title |
| | ROCOG MPO Process |
| 2211 | UPWP |
| 2212 | MPO Related Meetings |
| 2213 | Federal/ State Planning Coordination |
| 2214 | TIP, ATIP, STIP |
| | Planning Activities |
| 2221 | Transportation Data Management |
| 2222 | DMC Transportation Implementation |
| 2223 | Multi-Modal Policy/Studies |
| | Technical Support |
| 2231 | GIS Support to MPO |
| 2232 | Travel Demand Model |

- Participate in transportation-related land use planning for small cities in Olmsted County as applicable.
- Participate in development and review of transportation related elements to be included in proposed Olmsted County General Land Use Plan update in 2021.
- Assist local jurisdictions and MnDOT with concept planning during the initial phase of project development for roadway improvement projects in the TIP or jurisdictional Capital Improvement Programs.
- Participate in proposed 2021 City of Rochester's Transit Development Plan update.
- Work with the City of Rochester on updates to Traffic Impact Study requirements.
- Participate with Rochester Public Transit in corridor planning for future Primary Transit Network routes.
- Work with regional commuter bus service/Small Cities in county-wide commuter park and ride site planning.
- Participate on the SMART 11 county Bike/Ped group in implementing DNR regional trail systems.
- Provide assistance to local jurisdictions on Transportation Alternatives, Legacy Funding, or State Trail Grant applications.
- Work with area school districts and other project partners to prepare and submit grant applications in response to solicitations for Safe Routes to School projects.
- Participate with MnDOT in the Olmsted County portion of District-wide bike facility planning.
- Work with member cities, the county, and MnDOT to review count locations and assist in review and adjustment of raw count data from State.
- Work with state and local partners to facilitate discussion of policy needs with regard to the emerging trends in transportation technology, especially connected and automated vehicles (CAV).

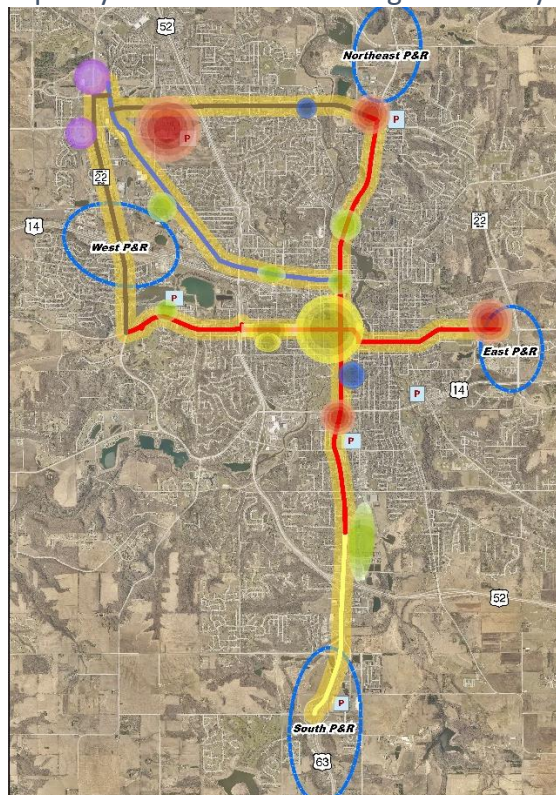
Work Products include:

- 1) ROCOG will provide assistance in grant application development; examples of potential programs include:
 - State Corridors of Commerce
 - Transportation Alternatives Program
 - US DOT Better Utilizing Investments to Leverage Development (BUILD) program
- 2) Implementation efforts for the Rochester Nodes and Corridors initiative in the Rochester Comp Plan and the DMC Integrated Transit Studies.
- 3) Staff will continue to represent ROCOG on Technical Committees for the various transit and bike/ped studies that are underway in the Rochester area as well as providing data to consultants conducting the technical work.
- 4) Ongoing work with land use planners in the development of land use planning principles and policies to increase non-SOV mode share.
- 5) Work with Rochester in development of street-related policies.
- 6) Continued work in the development of multi-modal mobility principles linked to urban design.
- 7) Work toward development of policy recommendations to address emerging transportation technologies, such as CAV.

Anticipated 2022 Work Activities

Continuation of work as done in 2021.

Nodes and Corridor Concept
Higher capacity transit mixed with higher density land use



Category 2230: Technical Planning Support

Objective

To collect, maintain, and develop up-to-date base information needed for planning studies and the long-range transportation planning function of the MPO. This effort will include development and maintenance of data in a Geographic Information System (GIS) Online platform (example: ArcGIS Story Maps). ROCOG also maintains and periodically updates a regional traffic forecasting model for use in planning studies and to provide forecast information to outside agencies/consultants requesting information. ROCOG coordinates data collection efforts with federal, state, and local agencies, and tracks economic and demographic variables to identify where past social and economic assumptions or forecasts may need to be revised or updated.

Task 2231 GIS MPO Support

Anticipated 2021 Work Activities

- Assist new transportation planning staff in using ArcGIS to become proficient, as this is an important tool needed in the transportation planning program.
- GIS staff will assist transportation planning staff in development of geospatial data.
- GIS staff will assist transportation and land use planning staff in using ArcGIS Online platforms (example: ArcGIS Story Maps) for delivering maps and transportation-related information to the public for review and comment.
- Provide special GIS studies/support work for the MPO.
- Ongoing maintenance of the Address Point, Street Centerline and Intersections GIS features in the Enterprise Address Database (AddressOne).

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
| Category | Work Element Title |
| | ROCOG MPO Process |
| 2211 | UPWP |
| 2212 | MPO Related Meetings |
| 2213 | Federal/ State Planning Coordination |
| 2214 | TIP, ATIP, STIP |
| | Planning Activities |
| 2221 | Transportation Data Management |
| 2222 | DMC Transportation Implementation |
| 2223 | Multi-Modal Policy/Studies |
| | Technical Support |
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| 2232 | Travel Demand Model |

Work Products include:

- 1) The provision of technical assistance in order to bring the new transportation planner to the level of becoming a successful user of ArcGIS.
- 2) Assistance to transportation and land use planning staff in GIS development of geospatial data.
- 3) Assistance to transportation and land use planning staff in using ArcGIS online platforms (e.g., ArcGIS Story Maps) for delivering maps and transportation-related information to the public for review and comment.
- 4) GIS staff provide special GIS studies/support work for the MPO.
- 5) Updates to the Enterprise Street Centerline & Intersection GIS database to reflect new development activity and street development.

6) Update the Street centerline and intersection model to capture transportation related attributes.

Anticipated 2022 Work Activities

Similar work to year 2021.

Example of work done in this Work Element:

The screenshot displays the ROCOG Long Range Transportation Plan 2045 website. The header features the ROCOG logo and the text "Welcome!" along with a link to "E-mail us your comments about LRTP 2045!". The main content area is titled "LRTP 2045 Overview" and includes a large background image of a paved path with people walking and a car in the distance. A dark text box on the left contains the following text:

This ROCOG 2045 Long Range Transportation Plan (LRTP 2045) represents another step in the ongoing evolution of regional transportation planning in the Olmsted County area, beginning in 1971 with the creation of the Rochester-Olmsted Council of Governments.

The current 2040 Long Range Transportation Plan was adopted by ROCOG in August 2015. Under federal guidelines, the plan needs to be updated every five years.

The guidelines require a minimum 20-year horizon to be maintained until the next

Below the text box, the page is titled "Plan Overview" with a "Next: Streets/Highways Projects Interactive Map" link and a blue arrow icon pointing right.

Task 2232 Travel Demand Model

Anticipated 2021 Work Activities

- ROCOG will continue contracting with a consulting firm to run the travel demand model to meet ROCOG needs. This contract will be funded using local dollars and will be managed by ROCOG staff.
- In working with the consultant, ROCOG staff will continue to be responsible for the land use data used in the model, and the maintenance of the model networks. The consultants will be using the state-of-the-art CUBE software modules with the Voyager script language.
- Conduct project-level modeling as needed for various project development studies and Traffic Impact Reports for MnDOT, the City of Rochester or Olmsted County.
- ROCOG staff will work with consulting staff to learn how to use the CUBE software. As part of this effort, several base land use and other files may be updated for use in the 2045 set of files
- Training additional ROCOG staff on use of the traffic model.
- Developing a process for maintaining continuous data inputs (e.g., land use) to the model to produce a more consistent work flow.

| FY 2021 Unified Planning Work Program | |
|---------------------------------------|--------------------------------------|
| Category | Work Element Title |
| | ROCOG MPO Process |
| 2211 | UPWP |
| 2212 | MPO Related Meetings |
| 2213 | Federal/ State Planning Coordination |
| 2214 | TIP, ATIP, STIP |
| | Planning Activities |
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| | Technical Support |
| 2231 | GIS Support to MPO |
| 2232 | Travel Demand Model |

Work Products include:

- 1) Updating the ROCOG Traffic Forecasting model with a base year 2018 (or possibly a revised year) conditions and a model horizon of 2045.
- 2) Updating elements of the traffic model, including external travel parameters.
- 3) Model runs used as part of the LRTP update work.
- 4) Traffic forecasts by consultants, and review of forecasts by ROCOG staff for partner agencies & consultants working for these agencies or private developers.

Anticipated 2022 Work Activities

Deliver model runs or fulfill requests for project level traffic forecasts on an as-needed basis.

The Urban Traffic Forecasting Model Network



Category 2240: Area Work Conducted by Other Entities and Supported with Other Federal Funds

Objective

Work in this category includes planning work that is done by units of government other than ROCOG. ROCOG's work on these projects is mainly done to support the transportation objective of shifting future work and other trips from auto to transit. Both the Rochester Comp Plan and the ROCOG Long Range Plan 2045 show Bus Rapid Transit (BRT) emerging as a transit mode on two distinct systems in Rochester: the Downtown Rapid Transit (formerly known as the Circulator); and the Primary Transit Network, which will extend to areas of the city beyond downtown. These efforts will be supported with a series of park and ride lots and ramps constructed over the coming years.

Task 2241: Rochester Downtown Rapid Transit Small Starts Planning and Implementation

The Rochester Downtown Rapid Transit is a 3.5-mile BRT guideway project proposed for downtown Rochester and its adjacent neighborhoods. The Downtown Rapid Transit line is a key investment in achieving the City's goal of 30% of trips downtown made by transit by 2035. The City of Rochester is expected to submit a Small Starts application to FTA in September 2020. If awarded, this grant will make the implementation of the Downtown Rapid Transit possible. If the grant is not awarded in 2020, the City is expected to try another submission in 2021, which will also require assistance from ROCOG staff. Successful implementation of the Downtown Rapid Transit will be the work of many years, and will require incorporating planning work already done with regard to vehicle choice, route alignment, station siting, transit-oriented development, street use, bicycle/pedestrian improvements, and other aspects of this complex topic. Rochester's Downtown Rapid Transit will transform downtown Rochester by encouraging increased walkability and transit-supportive business districts and neighborhoods in and around downtown to support greater transit utilization and economic opportunity. The City of Rochester is the grant recipient and will work with business and neighborhood interests, the Destination Medical Center Economic Development Agency, Olmsted County, and ROCOG on the Downtown Rapid Transit planning, with local financial and in-kind contributions provided by Rochester, Olmsted County, ROCOG, DMC EDA, and Mayo Clinic.

Anticipated 2021 Work Activities

- 1) *Preliminary Engineering*
- 2) *Complete NEPA Process (Assume Categorical Exclusion)*
- 3) *Complete Section 106 Evaluation*
- 4) *Station Architecture and Design*
- 5) *Final Design*

These work activities will involve ROCOG staff in the following areas:

- Regular coordination with the City project manager, the Issue Resolution Team, and other staff as needed.
- Regular technical committee meetings including city and project partner representatives and other stakeholders to be determined.
- Provision of metropolitan traffic modeling information as needed.
- Application of recommendations of Long Range Transportation Plan 2045 to the project.
- Participation in public outreach and engagement efforts.

Work Products include:

- Final alignment design
- Final roadway cross-sections for key segments of alignment
- Incorporation of Transit-Oriented Development recommendations
- Final station location
- Final station designs
- Technology requirements for stations
- Public engagement events
- Final designs for unique service branding, including logos, vehicle livery, etc.

Funding:

Total Project Cost: \$203,000,000

FTA Funding: \$99,470,000

Local Match: \$103,530,000

Task 2242: Rochester Public Transit Year 2022 Transit Development Program (TDP)

Anticipated 2022 Work Activities

This type of work is done for the Transit Operator every 4-6 years. The work is managed by the transit operator staff; ROCOG staff participates throughout the process in an advisory role. The work is normally done by consultants and is expected to be so during this update.

- Develop Community demographics and economic information
- Analyze Transit service as it exists
- Analyze Transit service in peer cities
- Develop Goals and objectives
- Analyze Issues and opportunities
- Update Service Guidelines
- Analyze Service Alternatives
- Develop Capital Plan
- Develop Financial Plan
- Develop Marketing Plan
- Develop Organization/Staffing Plan
- Develop Implementation Plan

Work Products include:

- Develop Community demographics and economic information
- Analyze Transit service as it exists
- Analyze Transit service in peer cities
- Develop Goals and objectives
- Analyze Issues and opportunities
- Update Service Guidelines
- Analyze Service Alternatives
- Develop Capital Plan
- Develop Financial Plan
- Develop Marketing Plan

- Develop Organization/Staffing Plan
- Develop Implementation Plan

Funding:

Total Project Cost: \$250,000

FTA Funding: \$200,000

Local Match: \$50,000

ROCOG's 2021 Time and Cost Table

| CPG/MnDOT Programs | Staff time (hours) | Planning Cost | Federal Share | MnDOT Share | Local Share for Federal Grant | Local Share for Minnesota Grant |
|--|--------------------|---------------|---------------|-------------|-------------------------------|---------------------------------|
| 2211 UPWP | 340 | \$31,790 | \$24,950 | \$2,408 | \$3,829 | \$602 |
| 2212 MPO Related Meetings | 550 | \$53,558 | \$42,035 | \$4,058 | \$6,451 | \$1,014 |
| 2213 Federal/State Planning Coordination | 730 | \$71,394 | \$56,033 | \$5,409 | \$8,600 | \$1,352 |
| 2214 TIP, ATIP, STIP | 730 | \$68,625 | \$53,860 | \$5,199 | \$8,266 | \$1,300 |
| ROCOG MPO Process | 2,350 | \$225,367 | \$176,878 | \$17,074 | \$27,146 | \$4,268 |
| 2221 Transportation Data Management | 1,750 | \$166,164 | \$130,413 | \$12,589 | \$20,015 | \$3,147 |
| 2222 DMC Transportation Implementation | 330 | \$36,302 | \$28,492 | \$2,750 | \$4,373 | \$688 |
| 2223 Multi-Modal Policy/Studies | 1,950 | \$190,690 | \$149,663 | \$14,447 | \$22,969 | \$3,612 |
| Planning Activities | 4,030 | \$393,156 | \$308,568 | \$29,786 | \$47,357 | \$7,447 |
| 2231 GIS Support to MPO | 1,000 | \$68,817 | \$54,011 | \$5,214 | \$8,289 | \$1,303 |
| 2232 Travel Demand Model | 1,200 | \$119,723 | \$93,964 | \$9,070 | \$14,421 | \$2,268 |
| Technical Support | 2,200 | \$188,541 | \$147,975 | \$14,284 | \$22,710 | \$3,571 |
| Total | 8,580 | 807,064 | 633,421 | 61,143 | 97,213 | 15,286 |

2021 Fringe and Indirect Rates

Olmsted County Finance calculated the 2021 fringe and indirect rates based on 2019 actuals. The fringe benefit rate for 2021 is 60.21%. The indirect rate was calculated at 82.96% for 2021. Though this rate could be included in program reimbursement, we have agreed to cap the indirect rate at 40% for 2020. The indirect rate of 40% has been agreed to by the Olmsted County Planning Department and the Finance team as a cap, even though the calculated rate is higher. Considering grant funds available, the time staff dedicates to program eligible tasks consistently exceeds in-kind contribution required of the program.