



2019-2020  
UNIFIED PLANNING WORK PROGRAM

FINAL

THE SIGNATURE ON THE LINE THAT FOLLOWS CONSTITUTES THE OFFICIAL ADOPTION OF THE 2019-2020 UNIFIED PLANNING WORK PROGRAM (UPWP) BY THE BISMARCK-MANDAN METROPOLITAN PLANNING ORGANIZATION (MPO). THE UPWP WAS ADOPTED ON November 20, 2018.

  
GERARLD WISE, CHAIRPERSON  
BISMARCK-MANDAN MPO

11/20/18  
DATE

**BISMARCK-MANDAN METROPOLITAN PLANNING ORGANIZATION**  
**UNIFIED PLANNING WORK PROGRAM**  
 January 2019 through December 2020

<b>TASK</b>	<b>TITLE</b>	<b>PAGE</b>
	Introduction	i
	UPWP New Additions	i
	Timeline for Metropolitan Transportation Plan	ii
	Planning Emphasis Areas	iii
	MPO Self Certification	iv
	Bismarck-Mandan MPO Activities Supporting Title VI and Environmental Justice	v
	<b>ADMINISTRATION 100</b>	<b>1</b>
101	Administration, Coordination & Transportation Performance Mngmt	2
102	Training, Travel and Education	5
103	Unified Planning Work Program	7
104	Computer Enhancement and Software	9
105	Transit System Administration and Liaison	11
	<b>TRANSPORTATION PLANNING 200</b>	<b>13</b>
201	Subcommittees	14
202	Monitoring and Reporting	16
203	Staff Related TDM	18
204	MPO or Local Planning Studies/ Data Acquisition	20
205	Transportation Improvement Program	22
206	Metropolitan Transportation Plan	24
	<b>PROGRAM IMPLEMENTATION 300</b>	<b>28</b>
301	GIS Program	29
302	Citizen Participation	31
	<b>COST SUMMARIES APPENDIX</b>	<b>33</b>
ALL	Allocation of Staff Hours by Task	34
All	Cost Summary by Task	36
All	Cost Summary by Jurisdiction (w/o Carryover and 2014 CPG)	37
All	2018 Carryover Amounts and 2014 CPG Amounts by Jurisdiction	38
All	Cost Summary by Jurisdiction (w/ Carryover and 2014 CPG)	39

## **INTRODUCTION**

The Unified Planning Work Program (UPWP) is a description of the multi-modal transportation planning projects that will be conducted in the Bismarck/Mandan MPO area in calendar years 2019 and 2020. This biennial document is the foundation for requesting federal funds as well as a control tool for scheduling, budgeting and monitoring the transportation planning process.

The 2019-2020 UPWP was developed with the input of the North Dakota Department of Transportation (NDDOT), Federal Transit Administration (FTA), and Federal Highway Administration (FHWA), Bis-Man Transit and the jurisdictional partners of the MPO (Bismarck, Lincoln, Mandan, Burleigh County and Morton County). Also, public input from previous MPO studies were used to form the 2019-2020 UPWP.

The 2019-2020 UPWP is the MPO's budgeting action tool that takes the goals and projects from the active MPO Long Range Transportation Plan (2015-2040 LRTP) and formats the chosen projects into a budgeting action plan.

It is hoped that this 2019-2020 UPWP will not only provide the MPO with a very useful budgeting, scheduling and monitoring tool, but will also provide an understandable expectation of what the MPO will endeavor in 2019 and 2020, with the public's help.

## **UPWP NEW ADDITIONS**

This UPWP strives to more fully integrate Transportation Performance Management and Performance Based Planning practices into the planning and operations of the Bismarck-Mandan MPO, specifically through revisions to Task 101. It also strives to move forward the new work product recommendations of the 2015-2040 LRTP and recent planning studies. To accomplish this the MPO has outlined a catalog of planned data acquisitions (Task 204) and developed subcommittees for Freight and Bicycle/Pedestrian needs (Task 201). These efforts will ensure that the MPO gains appropriate data to carry out routine monitoring and reporting in the federal performance goal areas and will help the MPO and jurisdictions be more responsive to the needs of non-passenger vehicle travel.

Through the document, work tasks were revised to more accurately reflect the changing activities and roles of MPO staff. These revisions will make it easier to record staff time dedicated to major work activities, and better plan for time allocation in the future.

Projects contained in this UPWP as recommended in the 2015-2040 LRTP are:

- Completion of the Transit Development Plan
- Completion of the 2020-2045 MTP
- Continue Pavement Asset Monitoring and Management

The 2015-2040 Long Range Transportation Plan identifies the following seven goals:

1. Maintain and improve regional mobility and connections.
2. Enhance regional alternatives to automobile travel.
3. Maintain the transportation system in a state-of-good-repair.
4. Coordinate transportation planning with the natural and built environment.
5. Provide a transportation system that effectively moves goods and enhances the local economy.
6. Provide a safe and secure transportation system.
7. Identify transportation supportive funding and policy opportunities.

Following is a table which identifies which LRTP Goals are addressed by the 2019-2020 UPWP identified Studies.

LRTP Goals

	1	2	3	4	5	6	7
2020-2045 Metropolitan Transportation Plan	x	x	x	x	x	x	x
2018 Transit Development Plan	x	x	x			x	
US Highway 83 Alternatives Study	x				x	x	
ITS Update	x		x	x	x	x	x
City-Wide Signal Warrant Study	x			x	x	x	
Uncontrolled Intersection Analysis	x		x	x			
Ortho/ LiDAR Collection	x			x			
Socio-Economic Data				x	x		
<i>Sunset Corridor Study (Pending NDDOT Approval)</i>	x				x	x	
<i>MPO-wide Pavement Management Data (Pending NDDOT Approval)</i>	x		x	x	x	x	

The MPO can move funding between tasks to an amount up to 10% of the total cumulative yearly amount, without North Dakota Department of Transportation (NDDOT) and Federal Highway Administration/Federal Transit Administration (FHWA/FTA) approval. Funding added over the contract amounts, new projects, or budgetary changes in excess of 10% (cumulative yearly amount) will continue to require NDDOT and FHWA/ FTA approvals of amendments to the UPWP. In addition, the MPO must advise the NDDOT and FHWA/FTA of any budgetary changes within the 10% limits described above.

#### **TIMELINE FOR METROPOLITAN TRANSPORTATION PLAN**

- 2019 - Continue 2020-2045 MTP update  
 2020 - Adoption of 2020-2045 MTP [March 2020]

## **PLANNING EMPHASIS AREAS**

Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) have encouraged MPOs to give prioritization in project selection to the following Planning Emphasis Areas: MAP-21 Implementation, Regional Models of Cooperation, and Ladders of Opportunity.

The 2019-2020 UPWP contains several projects that embrace these concepts. The Transportation Performance Management (Task 201) will aid the MPO in its implementation of performance-based planning and reporting of performance measures under MAP-21 Implementation.

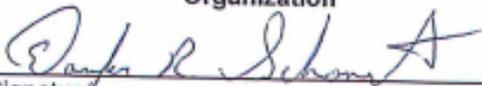
The completion of the Transit Development Plan (Task 204), as well as the development of the Freight Advisory Committee and Bicycle-Pedestrian Subcommittee, embrace the concepts set out in the Ladders of Opportunity program. These efforts will help the MPO coordinate with other community entities (healthcare, schools, police, etc.) to create opportunities for non-motorized movement and access to employment.

## TRANSPORTATION PLANNING PROCESS SELF CERTIFICATION STATEMENT

The Bismarck-Mandan Metropolitan Planning Organization (BMMPO) hereby certifies that it is carrying out a continuing, cooperative, and comprehensive transportation planning process in accordance with the applicable requirements of:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR Part 450;
2. In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

**Bismarck-Mandan Metropolitan Planning  
Organization**

  
Signature

Policy Board Chair  
Title

06/19/18  
Date

**North Dakota Department of Transportation**

  
Signature

Local Government Engineer  
Title

9-7-18  
Date

## **BISMARCK-MANDAN MPO ACTIVITIES SUPPORTING TITLE VI AND ENVIRONMENTAL JUSTICE**

The MPO recognizes Title VI and Environmental Justice requirements as they relate to the planning process. The requirements directly affect such elements within the planning process including, but not limited to, plan development, public involvement, and project management decisions.

### **Title VI of the Civil Rights Act of 1964**

Title VI of the Civil Rights Act of 1964 states: “No person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.”

The Bismarck-Mandan MPO Policy Board approved changes to the MPO’s Title VI and Non-Discrimination/ADA Plan in July 2016. Originally adopted in 2011, this document provides policies prohibiting discrimination on the basis of race, color, or national origin. The Title VI/ADA Coordinator is identified within the Title VI Plan and contact information is also provided.

There is also a section within the document which provides information, forms and instructions relative to filing complaints in the event any individual feels he/she has been discriminated against in the MPO’s programs or processes.

The Title VI and Non-Discrimination/ADA Plan is subject to annual audits performed by the Title VI/ADA Coordinator in conjunction with MPO staff to assess the program’s effectiveness at all levels and to ensure continued compliance with Title VI requirements. The audits are completed each year by March 31 following the reporting year ending December 31.

The Title VI and Non-Discrimination/ADA Plan contains a section which includes a list of MPO staff and appointed positions within the MPO, including the Technical Advisory Committee and Policy Board. It identifies how each position is appointed and details the responsibilities of each as it relates to Title VI.

Additionally, training programs for all MPO employees on Title VI and other related statutes are conducted annually, and will consist of, minimally, one hour of training per reporting period.

Bismarck-Mandan MPO maintains maps within the Title VI and Non-Discrimination/ADA Plan indicating high concentrations of minority, low-income, and elderly and limited English proficiency populations for consideration in planning and programming activities.

Finally, the Bismarck-Mandan MPO also includes appropriate FTA Federal Clauses, and “Title VI Assurances”, which contain language prohibiting discrimination of groups identified in the Civil Rights Act of 1964, within all of the Request for Proposals (RFPs) and contracts for all studies solicited by Bismarck-Mandan MPO.

## **Environmental Justice**

Executive Order 12989, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations.

Bismarck-Mandan MPO's Public Participation Plan, originally adopted May 2010, requires the evaluation of adverse impacts through MPO activities to "Environmental Justice" groups including low-income and minority populations. The MPO maintains maps with high concentrations of minority, low-income, limited English proficiency, and elderly populations for consideration in planning and programming activities. These maps are included in the Title VI and Non-Discrimination/ADA Plan, the 2015-2040 Long Range Transportation Plan (the Metropolitan Transportation Plan, or MTP, updated every five years), and the Transportation Improvement Program (updated annually). The socio-economic data used to maintain the maps is utilized in a variety of applications, including MPO studies and the production and updating of the Bismarck-Mandan Metropolitan Planning Organization Monitoring Report.

Further, the MPO seeks the active participation of Environmental Justice populations in the planning process as identified in the Public Participation Plan. The document indicates that meeting facilities should be accessible to mobility impaired individuals and meetings should be scheduled at various times to accommodate various work schedules. Contact information for the Title VI/ADA Coordinator is provided within the Title VI Plan and is also provided on MPO meeting agendas and on the MPO webpage to ensure accessibility by individuals with disabilities to request appropriate provisions, auxiliary aids, or services for meeting facilities or materials. Forms, along with complete instructions, to request reasonable accommodations and processes for filing of complaints about violations are also provided.

Bismarck-Mandan MPO maintains a database of approximately 130 transportation stakeholders within the Bismarck-Mandan Metropolitan Planning Area (MPA). The stakeholders are sent notification and/or draft copies of various studies and programs including, but not limited to, the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program (TIP), as well as newsletter updates which provide information on MPO activities. A variety of organizations representing low-income, minority, and elderly agencies and advocacy groups are on the MPO stakeholder list.

Bismarck-Mandan MPO continues to increase accessibility to its programs and activities by all applicants, participants, and members of the public regardless of race, color, national origin, sex, age, disability, or income status and has recently installed display racks containing the Title VI and Non Discrimination/ADA Plan, the Title VI Policy Statement, LEP Plan, ADA reasonable accommodations request forms, Title VI complaint forms and procedures, and newsletters at the entrances of the MPO work site. Additionally, forms, documents, meeting information, and study updates are made accessible via social media using Facebook to link to the MPO webpage. Copies of adopted programs and plans, such as the TIP and the MTP, as well as final reports of

adopted MPO studies are made available through the public libraries in both Bismarck and Mandan.

## **ADMINISTRATION**

100

**101 ADMINISTRATION, COORDINATION & TRANSPORTATION PERFORMANCE  
MANAGEMENT  
2019-2020**

Objective:

The MPO manages and coordinates the accounts, records, agreements, and administration of contracts for the Unified Planning Work Program and the Bismarck-Mandan Metropolitan Planning Organization. This task provides the necessary coordination and communications between the various agencies in the Bismarck-Mandan Metropolitan area and provides for citizen information and involvement. This task uses Transportation Performance Management processes and follows performance-based planning and programming practices.

Present Status:

The Bismarck-Mandan Metropolitan Planning Organization (MPO) is presently staffed with an Executive Director, a Transportation Planner, one part-time Transportation Planner, and a Transportation Specialist, who are responsible for coordinating MPO activities with the various entities within the boundaries of the MPO, which represents the MPO's operational and technical agencies. Work accomplished under this task in 2018 included reporting and billing activities and preparations for and attendance at the Technical Advisory Committee (TAC) and MPO Policy Board Meetings.

Proposed Work:

Compile and maintain records of MPO work in progress as performed by individual consulting companies and submit them to the North Dakota Department of Transportation. Prepare monthly billings for MPO activities in progress as outlined in the Unified Planning Work Program and receive and disburse funds received for these MPO activities.

The MPO provides liaison activities to the MPO's membership including preparation of agendas and minutes, scheduling and attendance at Technical Advisory Committee (TAC) and MPO Policy Board meetings. The MPO also takes the leadership in the development and implementation of the Metropolitan Transportation Plan and other required elements of the Moving Ahead for Progress in the 21st Century (MAP-21) and Fixing America's Surface Transportation (FAST) Act, including updating of the Unified Planning Work Program, Transportation Improvement Program, and other MPO actions where necessary and appropriate.

Products:

Products of the MPO include formal meetings of the MPO Policy Board and Technical Advisory Committee (TAC) and submission of billings and monthly activity summaries, coordination and management of all MPO accounts and records.

The MPO produces a Transportation Improvement Plan every year, a Metropolitan Transportation Plan and Transit Development Plan every 5 years, and a Public Participation plan, Freight Plan, and Bicycle-Pedestrian Plan as needed.

Completion Date:  
Ongoing Activity.

Estimated Expenditures:

	<u>2019</u>	<u>2020</u>
General Staff Administration of MPO Program*	\$216,166	\$223,125
Direct Administration Costs Charged from Bismarck**	34,000	34,000
Office Space Rental/ Parking	15,240	15,240
Office Equipment and Supplies	1,800	1,800
Telephone Service	575	575
Mileage (Local)	625	625
Postage	700	700
Printing	2,000	2,000
Direct Miscellaneous Costs	1,000	1,000
<b>TOTAL</b>	<b>272,106</b>	<b>279,065</b>

Proposed Source of Funds:

CPG (80% or less)	217,685	223,252
Local (20% or greater)	54,421	55,813
<b>TOTAL</b>	<b>272,106</b>	<b>279,065</b>

\* Staff includes 3 full-time members (1 Executive Director, 1 Transportation Planner, 1 Transportation Specialist and 1 part-time Transportation Planner)

\*\*Charged Costs from Bismarck include Human Resources, Fiscal Services, and Attorney/Administration, and IT/GIS.

**101 ADMINISTRATION, COORDINATION & TRANSPORTATION  
PERFORMANCE MANAGEMENT**

**100.101.00**

(All Amounts in Dollars \$)

**YEAR 2019**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	272,106	217,685	54,421	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	272,106	217,685	54,421	

**YEAR 2020**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	279,065	223,252	55,813	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	279,065	223,252	55,813	

**102 TRAINING/TRAVEL AND EDUCATION  
2019-2020**

**Objective:**

To provide MPO support staff with appropriate skills to carry out the comprehensive, continuing and coordinated Transportation Planning Process.

**Present Status:**

Training activities undertaken during 2018 have included MPO staff members attending an APA conference in New Orleans, LA, and a Tools of the Trade Conference in Kansas City, MO.

**Proposed Work:**

The MPO will encourage staff attendance at selected national/local short courses, seminars and conferences. The MPO will work with other MPOs, FHWA, FTA and the NDDOT to develop and support local training programs.

**Products:**

To foster a more informed, capable and efficient staff.

**Completion Date:**

Ongoing Activity.

**Estimated expenditures:**

	<u><b>2019</b></u>	<u><b>2020</b></u>
Associated Training Costs	\$5,500	\$5,500
Transportation and Lodging	9,700	9,700
Books/Subscriptions/Dues of	700	700
Transportation Planning Material and Organizations		
Mileage (Non-local)	600	600
Meals	1,250	1,250
TOTAL	17,750	17,750

**Proposed Source of Funds:**

CPG (80%)	14,200	14,200
Local (20%)	3,550	3,550
TOTAL	17,750	17,750

100.102.00

102 TRAINING, EDUCATION & ASSOCIATED TRAVEL

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	17,750	14,200	3,550	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
	0	0	0	
TOTAL	17,750	14,200	3,550	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	17,750	14,200	3,550	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
	0	0	0	
TOTAL	17,750	14,200	3,550	

**103 UNIFIED PLANNING WORK PROGRAM DEVELOPMENT  
2019-2020**

**Objective:**

To prepare a Unified Planning Work Program (UPWP) for the Bismarck-Mandan Metropolitan Planning Organization and any subsequent UPWP amendments.

**Present Status:**

The Bismarck-Mandan Metropolitan Planning Organization has operated under a unified work program for the past twenty-six years.

**Proposed Work:**

The 2019-2020 Unified Planning Work Program will be developed by the MPO staff, with assistance from the Planning and Engineering departments of the Cities of Bismarck, Mandan, Lincoln, and Burleigh/Morton Counties, as well as being offered for review and input by local citizen groups as required under Moving Ahead for Progress in the 21st Century (MAP-21) and Fixing America’s Surface Transportation (FAST) Act. Maintenance of the 2019-2020 UPWP will be provided by the MPO staff.

**Products:**

2019-2020 Unified Planning Work Program and Amendments

**Completion Date:**

Preliminary Draft:     October 2018  
Final UPWP:             November 2018

**Estimated Expenses:**

	<b><u>2019</u></b>	<b><u>2020</u></b>
Development of UPWP and Amendments	\$2,412	\$7,667
TOTAL	2,412	7,667

**Proposed Source of Funds:**

CPG (80%)	1,930	6,134
Local (20%)	482	1,533
TOTAL	2,412	7,667

100.103.00

103 UNIFIED PLANNING WORK PROGRAM

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	2,412	1,930	482	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	2,412	1,930	482	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	7,667	6,134	1,533	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	7,667	6,134	1,533	

**104 COMPUTER ENHANCEMENTS AND SOFTWARE  
2019-2020**

Objectives:

To enhance the MPO’s capabilities to monitor transportation data traffic forecasting, and traffic operations. To overall improve MPO staff’s ability to provide analysis, communication, and distribute applicable transportation related data. To keep staff informed on pertinent transportation issues. To build and furnish reports to satisfy FHWA, FTA, and NDDOT reporting requirements.

Present Status:

During 2017-2018 the Bismarck-Mandan MPO used computers and associated software to aid the transportation planning efforts of Bismarck, Mandan, Lincoln, Morton County and Burleigh County within the MPO area.

Proposed Work:

To provide computer hardware and software aid to the transportation planning efforts of the MPO.

Products:

To provide the MPO with effective administration, data processing, and analytical tools for transportation planning.

Completion Date:

Ongoing Activity.

Estimated Expenditures:

	<u><b>2019</b></u>	<u><b>2020</b></u>
Computers and Misc. Hardware	\$2,500	\$2,800
Computer Software	3,000	3,000
TOTAL	5,500	5,800

Proposed Source of Funds:

CPG (80%)	4,400	4,640
Local (20%)	1,100	1,160
TOTAL	5,500	5,800

100.104.00

104 COMPUTER ENHANCEMENTS & SOFTWARE

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	5,500	4,400	1,100	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
	0	0	0	
TOTAL	5,500	4,400	1,100	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	5,800	4,640	1,160	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
	0	0	0	
TOTAL	5,800	4,640	1,160	

**105 TRANSIT SYSTEM ADMINISTRATION AND LIAISON  
2019-2020**

**Objective:**

To provide technical assistance and coordinated transportation planning to Bis-Man Transit. Support the City of Bismarck and Bis-Man Transit in maintaining State and Federal requirements, promoting community use of the transit system, and implementing recommendations of the Transit Development Plan.

**Present Status:**

Facilitate interaction between the City of Bismarck and Bis-Man Transit, including updates to the contract, reporting to FTA, assisting with communication to the City Commission, and planning for the preparation and administration of Transit grants.

**Proposed Work:**

To maintain grant maintenance and control functions. To act as a liaison between FTA, the City of Bismarck, and Bis-Man Transit regarding FTA and NDDOT grant applications, reports and meetings. Update member jurisdictions of transit developments at TAC and Policy Board Meetings. Activities also include aiding Transit in their efforts to implement recommendations of the Transit Development Plan.

**Products:**

Prepare grants pertaining to Operations, Bus and Bus Facilities, State of Good Repair and Mobility of Seniors and Persons with Disabilities, along with all the associated reporting. Maintenance of appropriate FTA records on behalf of the City of Bismarck and Bis-Man Transit.

**Completion Date:**

Ongoing.

**Estimated Expenditures:**

	<u><b>2019</b></u>	<u><b>2020</b></u>
Transit Liaison and Administration	\$22,084	\$23,107
TOTAL	22,084	23,107

**Proposed Source of Funds:**

CPG (80%)	17,667	18,485
Local (20%)	4,417	4,621
TOTAL	22,084	23,107

100.105.00

105 TRANSIT SYSTEM ADMINISTRATION

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	22,084	17,667	4,417	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	22,084	17,667	4,417	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	23,107	18,485	4,621	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	23,107	18,485	4,621	

**TRANSPORTATION PLANNING**

**200**

**201 SUBCOMMITTEES**

(Bis-Man MPO Bicycle-Pedestrian Subcommittee and Freight Advisory Committee)  
**2019-2020**

Objective:

To further recommendations of the Bicycle-Pedestrian Plan and Freight Plan using engaged local partners and community members. Coordinated by MPO staff and allowed to enhance transportation needs and MPO objectives related to alternative modes of transportation and/or freight.

Present Status:

The MPO’s Bicycle-Pedestrian Subcommittee incorporates various workgroups to achieve the recommendations of the Bike-Ped Plan. The Bicycle-Pedestrian Subcommittee will also evaluate and priorities the TA applications for consideration by TAC and Policy Board. A Freight Advisory Committee is also expected to form soon.

Products:

During the 2019 and 2020 calendar years, Bicycle-Pedestrian workgroups will 1) collect and review informational materials currently available from local partners related to bike-ped safety, education, and encouragement, 2) develop additional materials for dissemination, 3) develop and implement a system and schedule for counting bicyclists and pedestrians, 4) gather community feedback on biking and walking attitudes, and 5) develop closer relationships with local bike and pedestrian groups/ business for the express effort of developing a collaborative community event(s).

Estimated Expenditures:

	<u>2019</u>	<u>2020</u>
Staff Coordination	\$16,603	\$14,474
Workgroup Activities	15,000	15,000
TOTAL	31,603	29,474

Proposed Funding Sources:

CPG (80%)	25,282	23,579
Local (20%)	6,321	5,895
TOTAL	31,603	29,474

200.201.00

201 SUBCOMMITTEES

BICYCLE- PEDESTRIAN SUBCOMMITTEE and FREIGHT ADVISORY COMMITTEE

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	31,603	25,282	6,321	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	31,603	25,282	6,321	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	29,474	23,579	5,895	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	29,474	23,579	5,895	

**202 MONITORING AND REPORTING  
2019-2020**

Objective:

To continually monitor trends of the Bismarck-Mandan Metropolitan area transportation system through the development of a Surveillance and Monitoring Report.

Present Status:

The Bismarck-Mandan MPO monitors transportation trends for significant transportation modes for a variety of reasons including, but not limited to, performance measures, transportation modeling, and other transportation planning related efforts. An annual surveillance and monitoring report has been developed to share these trends with local partners and the community. Updates to the report will continue to monitor transportation, socio-economic, and related trends to assist in the transportation planning process.

Products:

The MPO updates the Surveillance and Monitoring report on a rolling basis. This report monitors transportation, socio-economic, and related trends to assist in the transportation planning process.

Estimated Expenditures:

	<u>2019</u>	<u>2020</u>
Staff Update of Surveillance and Monitoring Report	\$15,819	\$16,137
TOTAL	15,819	16,137

Proposed Funding Sources:

CPG (80%)	12,655	12,909
Local (20%)	3,164	3,227
TOTAL	15,819	16,137

200.202.00

202 MONITORING AND REPORTING

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	15,819	12,655	3,164	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	15,819	12,655	3,164	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	16,137	12,909	3,227	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	16,137	12,909	3,227	

**203 STAFF RELATED TDM  
2019-2020**

Objective:

To routinely update and maintain the Travel Demand Model (TDM), through coordination with Advanced Traffic Analysis Center (ATAC), direct MPO staff efforts, and a consultant-lead Model Review and Socio-Economic Projections effort.

Present Status:

The last TDM update began in 2017 and was completed in the fall of 2018. The TDM was reviewed through the Model Review and Socio-Economic Projection Project (Pre-Study), which also included projection and allocation of future households and employment centers. The effort occurred in coordination with local jurisdictions and approval of the TAC and Policy Boards, and feeds directly into the Metropolitan Transportation Plan update.

MPO staff will annually update ATAC on roadway network expansions, with the release of the ‘Status of Projects Report’ for the annual Transportation Improvement Program.

A routine update of the population and employment data, by traffic analysis zones (TAZ), will be performed using building permits issued by local units of government, Census and American Community Survey Data, and other purchased data. The updated population and employment data may be reviewed to determine if there are significant differences in growth patterns from those projected.

Products:

The Travel Demand Model will be updated in 12-24 months prior to the commencement of the Metropolitan Transportation Plan. MPO staff efforts will include, but are not limited to, review of census data and/or other acquired data (i.e. origin-destination data, socio-economic data), coordination with local jurisdiction on revisions to current and future land use, revaluation and adjustment (if needed) of the TAZ network, annual notification to ATAC of roadway network expansion, and coordination of and management of the contracted Socio-Economic and Projections Project.

Estimated Expenditures:

	<u>2019</u>	<u>2020</u>
Staff Related TDM	\$1,608	\$10,250
TOTAL	1,608	10,250

Proposed Funding Sources:

CPG (80%)	1,286	8,200
Local (20%)	322	2,050
TOTAL	1,608	10,250

200.203.00

203 STAFF RELATED TDM

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	1,608	1,286	322	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	1,608	1,286	322	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	10,250	8,200	2,050	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	10,250	8,200	2,050	

## **204 PLANNING STUDIES/ DATA ACQUISITION 2019-2020**

### Objective:

To provide for studies of specific transportation concerns that may have an impact on the MPO's Transportation Plan, Transportation Improvement Program or MPO planning process.

### Present Status:

At the request of the MPO and based on needs identified in the 2015-2040 Long Range Transportation Plan, local jurisdictional partners brought forward recommendations for transportation-related planning studies. Projects were discussed and prioritized by the jurisdictions. Top ranked project fitting within the funding limitations, have been approved by the TAC and Policy Board.

In coordination with the development of the standard work program, the MPO is pursuing the use of the reallocated 2014 GPG funds. Discussions are ongoing to pursue a Sunset Corridor Study and an MPO-wide pavement management effort for 2020.

### Proposed Work:

The proposed 2019-2020 studies include the completion of the following studies: Metropolitan Transportation Plan, Transit Development Plan, US Highway 83 Alternative Study.

New studies that will commence in 2019 or 2020 will be the following: ITS Update, City-Wide Signal Warrant Study, and Uncontrolled Intersection Study.

The MPO will pursue data acquisitions for the following efforts in 2019 or 2020: Ortho/ LiDAR Collection (Traditional Fly Over effort) and Socio-Economic Data Purchase.

### Products:

The studies and data collections programmed for 2019-2020 are:

- Completion of the 2020-2045 Metropolitan Transportation Plan;
- Completion of the 2018 Transit Development Plan;
- Completion of the US Highway 83 Alternatives Study;
- ITS Update;
- City-Wide Signal Warrant Study;
- Uncontrolled Intersection Study;
- Procurement of routine Ortho/ LiDAR collection;
- Procurement of routine Socio-Economic Data;
- *Sunset Avenue Corridor Study (Pending NDDOT approval. If approved, will use 2014 CPG.)*
- *Procurement of routine MPO-Wide pavement management collection (Pending NDDOT approval. If approved, will use 2014 CPG.)*

Completion Date:

While projects are scheduled to be completed in 2019 and 2020, not all projects may be completed in the year indicated. This may cause some projects to carry over into the 2021-2022 UPWP.

Estimated Expenditures:

	<u>2019</u>	<u>2020</u>
Planning Studies	\$416,000	\$210,000
Routine Data Acquisitions	0	195,000
TOTAL	416,000	405,000

Proposed Source of Funds:

CPG (80%)	332,800	324,000
Local (20%)	83,200	81,000
TOTAL	416,000	405,000

Estimated Additional Expenditures:

	<u>2019</u>	<u>2020</u>
2014 CPG Funding	0	380,000
TOTAL	0	380,000

Proposed Source of Funds:

2014 CPG (80%)	0	304,000
Local (20%)	0	76,000
TOTAL	0	380,000

**200.204.00**

**204 TRANSPORTATION PLANNING STUDIES and DATA ACQUISITIONS**

(All Amounts in Dollars \$)

**YEAR 2019**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	PROJECT PARTICIPATION
Bismarck	231,100	184,880	46,220	A,B,C,E,F,H,I
Mandan	84,450	67,560	16,890	A,B,C,E,H,I
Morton County	5,215	4,172	1,043	A,B,C,E,
Burleigh County	37,525	30,020	7,505	A,B,C,E,F,
Lincoln	5,210	4,168	1,042	A,B,C,E,
Other*	52,500	42,000	10,500	D,F
<b>TOTAL</b>	<b>416,000</b>	<b>332,800</b>	<b>83,200</b>	

**YEAR 2020**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	PROJECT PARTICIPATION
Bismarck	139,000	111,200	27,800	A,B,C,G,H,I
Mandan	235,000	188,000	47,000	A,B,C,G,H,I,J
Morton County	2,000	1,600	400	A,B,C,G
Burleigh County	12,000	9,600	2,400	A,B,C,G
Lincoln	2,000	1,600	400	A,B,C,G
Other	0	0	0	
<b>TOTAL</b>	<b>390,000</b>	<b>312,000</b>	<b>78,000</b>	

**PLANNED STUDIES**

A---ATAC Annual Fee (\$10,000) - yearly

B---Study Associated Modeling (\$40,000) - yearly

C---Completion of 2020-2045 Metropolitan Transportation Plan (\$159,000) - 97% 2019 & 3% in 2020; 150,000 + 9k Carryover from 2018

D---Completion of 2018 Transit Development Plan (\$40,000) - Carryover from 2018

E---Completion of Regional Freight Study (\$4,500) - Carryover from 2018

F---Extension of US Highway 83 Alternatives Study (\$25,000) - 100% in 2019

G---ITS Update (\$25,000) - 100%

H---City-Wide Signal Warrant Study (\$172,500) - 55% in 2019 & 45% in 2020

I---Uncontrolled Intersection Analysis (\$100,000) - 50% in 2019 & 50% in 2020

J---Sunset Avenue Corridor Study (\$180,000) - 100%\*\*

\* Bis-Man Transit and NDDOT

\*\* Will use 2014 CPG funding. Pending approval from NDDOT.

200.204.00

**DATA ACQUISITIONS**

(All Amounts in Dollars \$)

**YEAR 2019**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	PROJECT PARTICIPATION
Bismarck	0	0	0	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**YEAR 2020**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	PROJECT PARTICIPATION
Bismarck	249,500	199,600	49,900	1,3,4
Mandan	76,500	61,200	15,300	1,3,4
Morton County	5,375	4,300	1,075	1,3,4
Burleigh County	58,750	47,000	11,750	1,3,4
Lincoln	4,875	3,900	975	1,3
Other	0	0	0	
<b>TOTAL</b>	<b>395,000</b>	<b>316,000</b>	<b>79,000</b>	

Data Procurement	Cycle	Last Collection	Next Collection	Estimated Cost
1 - Socio-Economic Data	5-years	2017	2020	20,000
2 - Origin-Destination Data	5-years	2017	2022	TBD
3 - Ortho/LiDAR Collection	3-years	2016	2020	175,000
4 - Pavement Management**	5-years	2016	2020	200,000

\*\* Will use 2014 CPG funding. Pending approval from NDDOT.

**205 TRANSPORTATION IMPROVEMENT PROGRAM  
2019-2020**

Objective:

Prepare Transportation Improvement Program (TIP) for 2019 and 2020, as well as subsequent TIP amendments that comply with MAP-21 and FAST Act regulatory requirements. Submit amendments to the North Dakota Department of Transportation.

Present Status:

A TIP has been prepared and approved nearly every year since 1983. The MPO has an approved 2019-2022 TIP.

Proposed Work:

To develop a TIP in 2019 and 2020 that meets the requirements of MAP-21 and FAST Act. The TIPs will have projects that were prioritized and approved through coordination between the MPO, its member jurisdictions, and NDDOT. Starting in 2020, projects will be compliant with the updated performance-based 2020-2045 MTP. All MPO TIP projects will be financially constrained.

Product:

The 2020-2023 TIP and the 2021-2024 TIP

Completion Date:

Priority List Submission:	November 2018	November 2019
Draft TIP:	April 2019	April 2020
Final TIP:	July 2019	July 2020

Estimated Expenditures:

	<u>2019</u>	<u>2020</u>
TIP Development, Implementation, and Amendments	\$26,091	\$26,613
TOTAL	26,091	26,613

Proposed Source of Funds:

CPG (80%)	20,873	21,290
Local (20%)	5,218	5,323
TOTAL	26,091	26,613

200.205.00

205 TRANSPORTATION IMPROVEMENT PROGRAM

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck/Planning	26,091	20,873	5,218	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	26,091	20,873	5,218	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck/Planning	26,613	21,290	5,323	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	26,613	21,290	5,323	

**206 METROPOLITAN TRANSPORTATION PLAN  
2019-2020**

**Objective:**

To define, identify and prioritize the transportation needs of the Bismarck-Mandan area by creating a fiscally constrained, performance-based Metropolitan Transportation Plan. The MTP should be developed in coordination with the public, stakeholders, jurisdictional partners, and state and federal oversight, and be compliant with MAP-21 and FAST Act legislation.

**Present Status:**

The active 2015-2040 Long Range Transportation Plan (LRTP), “Envision 2040” was adopted in 2015 and addressed the concerns of public and local partners regarding the transportation network and major modes of transportation. The LRTP identifies which alternatives are available and feasible to implement, that will allow the metropolitan area to improve through 2040. The routine update of this document is underway in the Metropolitan Transportation Plan, “Arrive 2045”, and will be in development until March 2020.

**Proposed Work:**

Staff time necessary for the coordination and completion of an updated Metropolitan Transportation Plan.

**Products:**

A performance-based Metropolitan Transportation Plan that can guide the MPO and partner agencies in 2020 and beyond.

**Completion Date:**

March 2020

**Estimated Expenditures:**

	<u>2019</u>	<u>2020</u>
Staff Coordination for MTP	\$21,763	\$7,611
TOTAL	21,763	7,611

**Proposed Source of Funds:**

CPG (80%)	17,411	6,089
Local (20%)	4,353	1,522
TOTAL	21,763	7,611

200.206.00

206 METROPOLITAN TRANSPORTATION PLAN

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	21,763	17,411	4,353	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	21,763	17,411	4,353	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	7,611	6,089	1,522	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	7,611	6,089	1,522	

**PROGRAM IMPLEMENTATION**

**300**

**301 GIS DEVELOPMENT AND IMPLEMENTATION  
2019-2020**

Objective:

The Bismarck-Mandan Metropolitan Planning Organization (MPO) uses a MPO Geographic Information System (GIS) that provides access to a common digital geographic database for land use planning, zoning activities, traffic analysis, and other related activities.

Present status:

Presently the following has been developed in GIS: MPO and Transportation Study information and data, Bismarck/Mandan Bike Trails, MPO TIP project and development maps, functionally classified roadways within the MPO area, digital aerial photographs and aerial contours.

Proposed Work:

To continue to provide valuable map data and imagery concerning MPO projects in conjunction with all the partner entities. To assist MPO in census, transit, roadway, and bridge imagery, and other projects as needed.

Product:

Geographic Information System (GIS) for Bismarck-Mandan Area MPO. The products generated by GIS usage benefit the MPO a great deal.

Estimated Expenditures:

	<b><u>2019</u></b>	<b><u>2020</u></b>
GIS Production	\$10,000	\$10,000
TOTAL	10,000	10,000

Proposed Source of Funds:

CPG (80%)	8,000	8,000
Local (20%)	2,000	2,000
TOTAL	10,000	10,000

300.301.00

301 GIS PROGRAM

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	10,000	8,000	2,000	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	10,000	8,000	2,000	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	10,000	8,000	2,000	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	10,000	8,000	2,000	

**302 CITIZEN PARTICIPATION PROGRAM  
2019-2020**

**Objective:**

To establish procedures that provide for citizen input into the planning process as part of the development of the following: the MPO’s Metropolitan Transportation Plan (formerly Long Range Transportation Plan), the UPWP, the TIP and the DBE Program. The MPO will use this process to identify community issues regarding transportation planning and will consider these issues when developing programs within the MPO’s planning area.

**Present Status:**

As stipulated in MAP-21 and FAST Act, the UPWP, the DBE Program, the Public Participation Plan (PPP), the Metropolitan Transportation Plan/ Long Range Transportation Plan and the TIP also receive public review at various levels during the development and update processes by the MPO.

**Proposed Work:**

To provide a citizen input forum for the MPO operational functional tools of TIP, UPWP, DBE Program, and the Metropolitan Transportation Plan (MTP), and applicable transportation studies as prescribed by MAP-21 and FAST Act, as well as an evaluation and update of the existing Public Participation Plan.

**Product:**

Ongoing program.

**Estimated Expenditures:**

	<u>2019</u>	<u>2020</u>
Advertising	3,125	3,125
Evaluation and Update of Public Participation Plan	0	0
TOTAL	3,125	3,125

**Proposed Source of Funds:**

CPG (80%)	2,500	2,500
Local (20%)	625	625
TOTAL	3,125	3,125

300.302.00

302 CITIZEN PARTICIPATION

(All Amounts in Dollars \$)

YEAR 2019

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	3,125	2,500	625	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	3,125	2,500	625	

YEAR 2020

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	3,125	2,500	625	
Mandan	0	0	0	
Morton County	0	0	0	
Burleigh County	0	0	0	
Lincoln	0	0	0	
Other	0	0	0	
TOTAL	3,125	2,500	625	

**COST SUMMARIES APPENDIX**

**FY'S 2019-2020**

**Unified Planning Work Program  
Staff Allocation of Hours by Task  
2019**

	PT Time Planner	Planner	Executive Director	Transportation Specialist
101: Administration, Coordination and TPM	456	758	1945	1822
102: Training, Travel, and Education	0	0	0	0
103: UPWP	0	60	0	0
104: Computer Enhancement and Software	0	0	0	0
105: Transit System Administration and Liaison	0	312	35	240
201: Subcommittees	140	240	30	0
202: Monitoring and Reporting	400	0	15	0
203: Staff Related TDM	0	40	0	0
204: MPO and Local Planning Studies/ Data Acquisition	0	0	0	0
205: Transportation Improvement Program	460	150	40	18
206: Metropolitan Transportation Plan	0	520	15	0
301: GIS Program	0	0	0	0
302: Citizen Participation	0	0	0	0
<b>TOTAL</b>	<b>1456</b>	<b>2080</b>	<b>2080</b>	<b>2080</b>

**Unified Planning Work Program  
Staff Allocation of Hours by Task  
2020**

	PT Time Planner	Planner	Executive Director	Transportation Specialist
101: Administration, Coordination and TPM	456	888	1910	1802
102: Training, Travel, and Education	0	0	0	0
103: UPWP	0	150	15	20
104: Computer Enhancement and Software	0	0	0	0
105: Transit System Administration and Liaison	0	312	45	240
201: Subcommittees	140	180	30	0
202: Monitoring and Reporting	400	0	15	0
203: Staff Related TDM	0	250	0	0
204: MPO and Local Planning Studies/ Data Acquisition	0	0	0	0
205: Transportation Improvement Program	460	150	40	18
206: Metropolitan Transportation Plan	0	150	25	0
301: GIS Program	0	0	0	0
302: Citizen Participation	0	0	0	0
<b>TOTAL</b>	<b>1456</b>	<b>2080</b>	<b>2080</b>	<b>2080</b>

**2019-2020 Unified Planning Work Program Summary By Task**  
(All Amounts in Dollars \$)

Task	Funding Year 2019			Funding Year 2020		
	Total	Federal	Local	Total	Federal	Local
101	272,106	217,685	54,421	279,065	223,252	55,813
102	17,750	14,200	3,550	17,750	14,200	3,550
103	2,412	1,930	482	7,667	6,134	1,533
104	5,500	4,400	1,100	5,800	4,640	1,160
105	22,084	17,667	4,417	23,107	18,485	4,621
201	31,603	25,282	6,321	29,474	23,579	5,895
202	15,819	12,655	3,164	16,137	12,909	3,227
203	1,608	1,286	322	10,250	8,200	2,050
*204	416,000	332,800	83,200	785,000	628,000	157,000
205	26,091	20,873	5,218	26,613	21,290	5,323
206	21,763	17,411	4,353	7,611	6,089	1,522
301	10,000	8,000	2,000	10,000	8,000	2,000
302	3,125	2,500	625	3,125	2,500	625
	<b>845,861</b>	<b>676,689</b>	<b>169,172</b>	<b>1,221,599</b>	<b>977,279</b>	<b>244,320</b>

\* Includes the following additional allocations. 2014 CPG pending NDDOT approval.

	Total	Federal	Local
Carryover Funding from 2018 into 2019:			
Metropolitan Transportation Plan	9,000	7,200	1,800
Regional Freight Plan	4,500	3,600	900
2018 Transit Development Plan	40,000	32,000	8,000
2014 CPG Funding for 2020:			
Sunset Avenue Corridor Study	180,000	144,000	36,000
MPO-Wide Pavement Management	200,000	160,000	40,000

**2019-2020 Unified Planning Work Program Summary By Jurisdiction**  
 (DOES NOT include 2018 Carryover amounts or 2014 CPG amounts)  
 (All Amounts in Dollars \$)

**YEAR 2019**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	652,861	522,289	130,572	
Mandan	81,750	65,400	16,350	
Morton County	4,875	3,900	975	
Burleigh County	35,500	28,400	7,100	
Lincoln	4,875	3,900	975	
Other*	12,500	10,000	2,500	
<b>TOTALS</b>	<b>792,361</b>	<b>633,889</b>	<b>158,472</b>	

\*NDDOT

**YEAR 2020**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	692,599	554,079	138,520	
Mandan	94,000	75,200	18,800	
Morton County	6,875	5,500	1,375	
Burleigh County	41,250	33,000	8,250	
Lincoln	6,875	5,500	1,375	
Other	0	0	0	
<b>TOTALS</b>	<b>841,599</b>	<b>673,279</b>	<b>168,320</b>	

**2018 Carryover Amounts into 2019 by Jurisdiction**  
(All Amounts in Dollars \$)

**YEAR 2019**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	8,100	6,480	1,620	1,2
Mandan	2,700	2,160	540	1,2
Morton County	338	270	68	1,2
Burleigh County	2,025	1,620	405	1,2
Lincoln	338	270	68	1,2
Other*	40,000	32,000	8,000	3
<b>TOTALS</b>	<b>53,500</b>	<b>42,800</b>	<b>10,700</b>	

\*Bis-Man Transit

**2014 CPG Funding Amounts in 2020 by Jurisdiction**  
(All Amounts in Dollars \$)

**YEAR 2020**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	132,500	106,000	26,500	4
Mandan	217,500	174,000	43,500	4,5
Morton County	500	400	100	4
Burleigh County	29,500	23,600	5,900	4
Lincoln	0	0	0	
Other	0	0	0	
<b>TOTALS</b>	<b>380,000</b>	<b>304,000</b>	<b>76,000</b>	

- 1 - Continuation of 2020-2045 Metropolitan Transportation Plan (Carryover from 2018) - \$1,800 Local / \$7,200 Federal
- 2 - Completion of Regional Freight Study (Carryover from 2018) - \$900 Local/ \$3,600 Federal
- 3 - Completion of 2018 Transit Development Plan (Carryover from 2018) - \$8,000 Local/ \$32,000 Federal
- 4 - MPO-Wide Pavement Mgmt Collection (Pending NDDOT Approval. Will use 2014 CPG Funding.) - \$40,000 Local/ \$160,000 Federal
- 5 - Sunset Avenue Corridor Study (Pending NDDOT Approval. Will use 2014 CPG Funding.) - \$36,000 Local/ \$144,000 Federal

Footnote: Remaining 2018 CPG balance at year-end 2018, with above carryover subtracted, is estimated to be \$141,841

**2019-2020 Unified Planning Work Program Summary By Jurisdiction**  
 (INCLUDING 2018 Carryover and 2014 CPG Funding)  
 (All Amounts in Dollars \$)

**YEAR 2019**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	660,961	528,769	132,192	1,2
Mandan	84,450	67,560	16,890	1,2
Morton County	5,215	4,172	1,043	1,2
Burleigh County	37,525	30,020	7,505	1,2
Lincoln	5,210	4,168	1,042	1,2
Other*	52,500	42,000	10,500	3
<b>TOTALS</b>	<b>845,861</b>	<b>676,689</b>	<b>169,172</b>	

\*Bis-Man Transit and NDDOT

**YEAR 2020**

MPO ENTITY	TOTAL	FED 80%	LOCAL 20%	EXPLANATION
Bismarck	825,099	660,079	165,020	4
Mandan	311,500	249,200	62,300	4,5
Morton County	7,375	5,900	1,475	4
Burleigh County	70,750	56,600	14,150	4
Lincoln	6,875	5,500	1,375	
Other	0	0	0	
<b>TOTALS</b>	<b>1,221,599</b>	<b>977,279</b>	<b>244,320</b>	

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