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Letter from the Department

MDT has achieved many notable successes and overcome challenges to continue to provide excellence in transportation to the traveling public. Here are a few recent highlights:

**Vision Zero**
Vision Zero continued to be MDT’s top goal, with statewide work to support the four focus areas: education, enforcement, engineering, and emergency medical response. Reaching zero deaths and serious injuries on Montana roadways is the only acceptable future and will take the commitment of safety partners and every person traveling the roadways. Montana’s 2019 observed seat belt usage rate was 89%, but 56% of the vehicle occupants who died in 2019 (132 deaths) were unrestrained.

**Doing More with Less**
“Keeping Good Roads Good” by vigilantly investing in infrastructure continued to be the focus for MDT projects and maintenance efforts. For every dollar spent preserving roads, $4 to $8 were saved in future costly reconstruction, and MDT earned national recognition for one such project in Roosevelt County (our fifth Pavement Preservation Award).

More than half of MDT’s annual budget to plan, build, maintain, operate our highway system and service our aviation community comes from federal sources. A one-year extension of the FAST Act in 2020 allowed some stability, but a lack of a long-term federal funding solution for transportation leaves uncertainty across the country.

**Innovation**
MDT’s resources and tools for the traveling public advanced over the last two years with the addition of the Active Projects Map (statewide project information) and Bridge Load Posting Program (includes an interactive map. MDT will launch the Automated Routing System (ARS) to motor carrier customers, which interfaces with the traveler information page and Structure Management System to generate routes that avoid size restrictions and construction zones. Operation of a Transportation Management Center (TMC) was initiated, providing 24-7 support for field maintenance staff, a central point of contact for first responders, and public travel updates.

Technology allowed MDT to continue public involvement (PI) safely and efficiently in 2020. In partnership with consultants and contractors, MDT hosted successful virtual PI events, including open houses for projects and studies, statewide. The challenge of COVID-19 presented an opportunity to transform the PI process, allowing the public to participate and comment conveniently.

**Vitality, Mobility & Accessibility**
MDT is in the process of distributing over $73 million in federal aid to 71 airports and over $35 million in federal aid to rural transit providers, while urban public transit providers received over $14 million in direct funding. These CARES Act funds helped mitigate lost revenue for airports due to COVID-19, and helped communities maintain essential transportation services – particularly for the elderly and disabled.

2020 marked the 30th anniversary of the American’s with Disabilities Act (ADA). After a 37% increase in ADA compliant ramps during the 2018-2019 construction season, MDT continued efforts to improve accessible infrastructure on a variety of projects statewide, and was recognized nationally during the America’s Transportation Awards for one such project that included ADA improvements for the city of Missoula.

**Serving you with Pride.**

---

**Our Mission**

To serve the public by providing a transportation system and services that emphasize:

- **Quality**
- **Safety**
- **Cost**
- **Effectiveness**
- **Sensitivity to Environment**
- **Economic Vitality**

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**Responsibilities**

The Montana Department of Transportation is primarily responsible for the following:

- Planning and design
- Highway traffic safety
- Road/bridge design and construction
- Contract administration
- Materials design and testing
- Highway, bridge, and rest area maintenance
- Fiscal programming and accounting
- Motor fuel collection and enforcement
- Vehicle weight and dimension law enforcement
- Outdoor Advertising Control Act enforcement
- Management of the state motor pool
- Property acquisition
- Public transportation and rail programs
- General aviation airport planning
- Air Search and Rescue
The Transportation Commission is a quasi-judicial board consisting of five members, each of whom is appointed by the Governor to a four-year term. The Commission’s major duties are as follows:

- selecting and prioritizing projects
- awarding monthly contracts
- designating roads to various highway systems
- designating special speed zones and maximum speeds on bridges and overpasses
- designating access control highways or facilities
- resolving outdoor advertising appeals
- abandonment of highway right-of-way

Please see MDT Contacts for contact information, page 80.

The Aeronautics Board is a quasi-judicial board consisting of nine members, each appointed by the Governor to a four-year term. The board acts in an advisory capacity to MDT and has statutory authority over allocation of airport development loan and grant funds. The nine members represent various facets of the industry, and at least one member of the board must be an attorney licensed to practice law in Montana.

Please see MDT Contacts for contact information, page 81.
Funding & Needs

Over the next 10 years, transportation needs are projected to outpace revenue by over 3 to 1.

National highway and street construction costs increased by about 20% between 2010 and 2019. The nation’s consumer price index (CPI) was up about 19% during the same period.

Montana state fuel tax rates increased for the first time since 1994 on July 1, 2017 (HB473). Incremental increases occurred in state fiscal years (FY) 2018 and 2020, and will continue in 2022 and 2023, resulting in a total increase of 6 cents per gallon of gasoline.

Since 2011, annual vehicle miles traveled has increased by an average of 1.3% per year.

Montana’s 2020 federal funding is approximately 2.5 times the amount from 20 years ago. Federal funds generally require a match of around 13%.

Since 2011, design and construction of transportation-related infrastructure has resulted in over $3.5 billion in payments to contractors, consultants, and utility companies.

Over the last four state fiscal years, MDT awarded 510 construction projects totaling over $1.3 billion.

MDT administers funding and planning programs to help local communities and governments address their transportation needs. Between 2011 and 2020, over $1 billion has been expended in 19 urban areas for infrastructure projects, maintenance, highway traffic safety, emergency medical services equipment, air quality projects, urban pavement preservation, transportation alternatives, and fuel tax allocations.
MDT is funded primarily through State and Federal special revenue. MDT receives no money from the State General Fund.

State revenue has been flat, but must be available to match federal funds for highway construction and maintenance.

The annual funding split varies but is typically 87% federal to 13% state.

Source: MDT Administration Division

State & Federal Highway Fund Revenue

- **State Special Revenues**
  - Highways
  - Aeronautics
  - Other State Specials

- **Federal Revenues**
  - Federal Highway Administration
  - Federal Aviation Administration
  - Federal Transit Administration
  - National Highway Traffic Safety Administration
  - Federal Motor Carriers Safety Administration

2020 MDT Funding Revenue

- **5% Proprietary**
  - State Motor Pool
  - MDT Equipment
  - Yellowstone Airport

- **30% State Special Revenue**
  - Highways
  - Aeronautics
  - Other State Specials

- **65% Federal Special Revenue**
  - Federal Highway Administration
  - Federal Aviation Administration
  - Federal Transit Administration
  - National Highway Traffic Safety Administration
  - Federal Motor Carriers Safety Administration

MDT Highway Construction Program Revenue

State FY 2020

- **89% Federal**
- **11% State**

MDT Revenue by Category State FY 2020

- **32% State Special Revenue**
- **68% Federal Highway Receipts**

Source: MDT Administration Division
### State Special Revenue Accounts Sources
**State FY 2020**

<table>
<thead>
<tr>
<th>Source</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel Tax</td>
<td>24%</td>
</tr>
<tr>
<td>GVW</td>
<td>10%</td>
</tr>
<tr>
<td>Indirect Cost Recoveries</td>
<td>16%</td>
</tr>
<tr>
<td>Other Revenue Sources</td>
<td>2%</td>
</tr>
<tr>
<td>Gasoline Tax</td>
<td>48%</td>
</tr>
</tbody>
</table>

#### Breakdown of Revenue Sources
- **Diesel Tax**: $84,015,040
- **GVW Fees**: $36,007,672
- **Indirect Cost Recoveries**: $54,513,872
- **Other, Includes Interest**: $8,747,940
- **Gasoline Tax**: $167,285,622

**Total Revenue**: $350,570,146

**Note**: Net of fuel tax refunds

$273,907,196 - MDT share of total revenue

**Source**: MDT Administration Division

### State Special Revenue Accounts Distributions
**State FY 2020**

<table>
<thead>
<tr>
<th>Distribution</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MDT Expenditures</strong></td>
<td></td>
</tr>
<tr>
<td>General Operations</td>
<td>$30,957,559</td>
</tr>
<tr>
<td>Construction</td>
<td>$82,098,266</td>
</tr>
<tr>
<td>Maintenance</td>
<td>$129,417,620</td>
</tr>
<tr>
<td>Motor Carrier Services</td>
<td>$7,663,949</td>
</tr>
<tr>
<td>Transportation Planning</td>
<td>$5,482,295</td>
</tr>
<tr>
<td>Dept. of Administration Architecture &amp; Engineering</td>
<td>$591,278</td>
</tr>
<tr>
<td>Long Range Building</td>
<td>$1,260,202</td>
</tr>
<tr>
<td>DOJ - Forensic Science</td>
<td>$394,736</td>
</tr>
<tr>
<td><strong>Total MDT Expenditures</strong></td>
<td>$259,233,526</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distribution</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Distributions</strong></td>
<td></td>
</tr>
<tr>
<td>Local Government - BaRSSA</td>
<td>$19,278,004</td>
</tr>
<tr>
<td>Local Government/LTAP</td>
<td>$16,816,000</td>
</tr>
<tr>
<td>Dept. of Justice Montana Highway Patrol</td>
<td>$30,793,792</td>
</tr>
<tr>
<td>Fuel Tax Refunds</td>
<td>$2,221,805</td>
</tr>
<tr>
<td>Tribal Motor Fuels</td>
<td>$5,226,793</td>
</tr>
<tr>
<td><strong>Total Distributions</strong></td>
<td>$74,336,394</td>
</tr>
</tbody>
</table>

**Total Expenditures**: $333,569,920

**Note**: Due to the changes from HB 473, multiple new funds were created, removing them from the Highway State Special Revenue Account (HSSRA) expenditures. These are all funded by fuel tax revenue. Fuel tax refunds includes gas & diesel refunds and International Fuel Tax Agreement (IFTA).
For over a decade, more funding has gone to contractors, while staffing levels throughout the department decreased. Since 2011, design and construction of transportation-related infrastructure has resulted in nearly $3.5 billion in payments to contractors, consultants, and utility companies.

MDT operates the federal Disadvantaged Business Enterprise (DBE) Program, which encourages and supports participation of small, disadvantaged firms in transportation contracts. Based on the current goal, 6.5% of funding to contractors and consultants is expected to go towards DBE participation.

Combined increased costs, flat funding, an aging system, and increasing travel demands means needs are dramatically outpacing funding. Over ten years, available funds will cover just over $5 billion of the nearly $16 billion in projected transportation needs in Montana.
Stakeholders graded all items in the B- to C+ range and generally gave MDT slightly higher grades than the public. Public grades increased most notably in the 2019 survey in response to public notification about construction projects and highway maintenance/repair. Stakeholder grades increased most notably in the 2019 survey in response to quality of service and sensitivity to the environment.

Maintaining road pavement conditions was the highest-ranked priority for both the public and stakeholders when asked: What priority should MDT assign to actions to improve the transportation system in Montana?

### Funding Programs

#### National Highway Performance Program (NHPP)
This program includes Montana’s Interstate Maintenance, National Highway, and National Highway Bridge programs.

- **Interstate Maintenance (IM)**
  This program finances highway and bridge projects to rehabilitate, restore, resurface, and reconstruct the Interstate Highway System.

- **National Highway (NH)**
  NH funds can be used for highway and bridge projects on the interstates and other principal arterial routes on the National Highway System (NHS).

- **National Highway System Bridge Program (NHPB)**
  This program helps pay for construction, rehabilitation, replacement, preservation, and protection projects on bridges on the NHS.

#### Surface Transportation Block Grant Program (STBGP)
Funds in this program can be used to preserve or improve any highway that is eligible under state law and not functionally classified as a local or rural minor collector.

- **Surface Transportation Program Primary (STPP)**
  STPP funds are used to preserve, restore, or reconstruct roads and bridges on the Primary Highway System.

- **Surface Transportation Program Secondary (STPS)**
  Funds in this program may be used to improve highways on the Secondary Highway System. The funds are primarily used to preserve, restore, or reconstruct roads and bridges.

- **Surface Transportation Program Urban (STPU)**
  This program provides funds for improvements on the Urban Highway System in Montana’s 19 urban areas. Funds are typically used to resurface, restore, and rehabilitate existing facilities; to improve operations; and for bicycle and pedestrian facilities.

- **STP On-System/Off-System Bridge**
  This program helps pay for rehabilitation and replacement bridge projects on and off the state highway system.

*Federal Share: 91.24%, State Share: 8.76%
** Federal Share: 86.58%, State Share: 13.42%
*** Federal Share: 90%, State Share: 10%

Source: Statewide Transportation Improvement Program 2020-2024

Urban areas are designated by a population of 5,000 or more, as determined by the U.S. Census Bureau.
Funding Programs

Urban Pavement Preservation Program (UPP)**
This program funds pavement preservation work on the Urban Highway System based on system needs identified by local Pavement Management Systems.

Transportation Alternatives**
This program, through a competitive process, provides assistance to local governments, tribal entities, transit providers, resource agencies and/or school districts for community projects like ADA upgrades, pedestrian and bicycle improvements, and other eligible uses under Title 23 USC.

National Highway Freight Program (NHFP)*
In 2016, the FAST Act established the NHFP to improve the efficient movement of freight. To be eligible for this program, projects must be on the National Highway Freight Network.

Highway Safety Improvement Program (HSIP) ***
The HSIP funds safety improvements at locations on public roads with an identified crash trend. Proposed projects are prioritized according to a benefit/cost analysis.

Rail/Highway Crossing (RRP/RRS)***
A portion of HSIP funds are designated to improve safety at railroad crossings via the installation of protective devices or elimination of hazards.

Congestion Mitigation and Air Quality Improvement Program (CMAQ) **
The federal funds available under this program finance transportation projects and programs to help meet the requirements of the Clean Air Act. The Transportation Commission directs a portion of Montana CMAQ funds to the Montana Air and Congestion Initiative (MACI) Program to improve Montana’s air quality and decrease traffic congestion.

Rural & Elderly & Disabled, Bus and Bus Facility
Federal Transit Administration (FTA) funding is passed through MDT to communities for operations, administration, maintenance, capital, and planning for transit services.

Urban Transit
Metropolitan Planning Organizations receive funds directly from FTA for transit services. MDT provides additional planning and capital funding.

National Highway Traffic Safety Administration Grants
NHTSA funding is used to promote behavioral traffic safety programs. Grants are provided to state and local agencies for highway safety programs.

Federal Lands Transportation Program
Federal land agencies receive funds from this program to improve access within the federal estate such as national forests and national recreation areas on infrastructure owned by the federal government.

Tribal Transportation
This program provides funds to the Bureau of Indian Affairs to improve access to tribal lands, their resources, and infrastructure where a tribal government has jurisdiction and maintenance responsibility.

Federal Lands Access Program**
The Federal Highway Administration Western Federal Lands Highway Division coordinates funds from this program to improve access to federal lands, their resources, and infrastructure where a state, local, or tribal government has jurisdiction or maintenance responsibility.

State Funded Construction (SFC)
The Highways State Special Revenue Account (HSSRA) funds may be used for State Funded Construction program projects not eligible for federal aid. Primarily, HSSRA funds are used to match federal funds and maintain state highways.

*Federal Share: 91.24%, State Share: 8.76%
** Federal Share: 86.58%, State Share: 13.42%
*** Federal Share: 90%, State Share: 10%
Source: Statewide Transportation Improvement Program 2020-2024

Urban areas are designated by a population of 5,000 or more, as determined by the U.S. Census Bureau.
Funding Flow for Federal Funds

Authorization
Fixing America’s Surface Transportation Act (FAST Act)

Apportionment & Annual Appropriation Act
(Obligation Limitation)

National Highway Performance Program (NHPP)
Surface Transportation Block Grant Program (STBG)
National Highway Freight Program (NHFP)
Highway Safety Improvement Program (HSIP)
Congestion Mitigation & Air Quality Improvement (CMAQ)
Rural & Elderly & Disabled, Bus and Bus Facility (Sections 5311 / 5310 / 5399 / 5304)
Urban Transit (Sections 5307 / 5303)
National Highway Traffic Safety Administration (NHTSA) Grants

Transportation Alternatives (Set-aside)
Rail/Highway Crossing

Montana Transportation Commission
Transfers allowed between categories in accordance with Federal laws.

NHPP Bridge
Interstate Maintenance
National Highway System
Statewide Distribution
Statewide Distribution
On-System Bridge
Off-System Bridge
Statewide Distribution
Statewide Distribution

Primary Highway Program (STPP)
Secondary Highway Program (STPS)
Urban Highway Program (STPU)
Urban Pavement Preservation Program (UPP)
Financial Districts
Districts
Urban Areas (Pop >5,000)
Urban Areas (Pop >5,000)

Federal Lands and Tribal Transportation
-Federal Lands Transportation
-Tribal Transportation
-Federal Lands Access Program

Montana Air & Congestion Initiative (MACI)
-Guaranteed
-Billings
-Great Falls
-Discretionary

Missoula

Federal Funding Category
State Funding Category
Distribution Guided by Federal Law
Distribution Guided by Policy or Agreement
Distribution Guided by State Law
Federal Funding Category, Administered by Other than MDT
What Does It Cost to Improve MT Roads?

The graph shows estimated per mile reconstruction costs by system based on January 2020 market prices.

Increasing Highway Construction Costs

National highway and street construction costs increased by about 20% between 2010 and 2019.

The nation’s consumer price index (CPI) was up about 19% during the same period.

Despite fluctuation from year to year, national highway and street construction costs have consistently outpaced CPI over the last 10 years. This trend ultimately impacts the cost of highway construction in Montana.

Sources: Global Insight 2020 and Federal Reserve Economic Data 2020

Gross MT Motor Fuel Tax Receipts State FY 2020

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>Receipts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel</td>
<td>$93,412,629</td>
</tr>
<tr>
<td>Gasoline/Gasohol</td>
<td>$172,892,978</td>
</tr>
</tbody>
</table>

One cent in gas tax will generate about $5 million. One cent in diesel tax will generate about $2.5 million.

Source: Statewide Accounting, Budgeting and Human Resources System

Fuel Consumption State FY 2020

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasoline/Gasohol</td>
<td>530,259,967 gallons</td>
</tr>
<tr>
<td>Diesel</td>
<td>283,807,843 gallons</td>
</tr>
</tbody>
</table>

Since 2018, gasoline consumption decreased 3% and diesel increased by a little over 1%.

Source: 551 FHWA report for FY 2020
While fuel taxes in neighboring states haven’t increased in recent years, these states also receive other revenue sources in addition to the fuel tax. MDT receives no money from the State General Fund.

**date of last fuel tax increase
Source: Federation of Tax Administrators Website January 2020

While the price of fuel has risen, the tax has remained relatively flat.

Source: MDT Multimodal Planning & Communications
State and Federal Fuel Tax Cost Comparisons

Cost to Drive . . .
In Montana, a driver on average contributes about $4 to $5 a week in fuel taxes for maintaining and constructing Montana highways.

Compared to Average Cost of . . .

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 gal. of Milk</td>
<td>$3.41</td>
</tr>
<tr>
<td>1 lb. of Hamburger</td>
<td>$4.31</td>
</tr>
<tr>
<td>Latte</td>
<td>$4.75</td>
</tr>
<tr>
<td>4 Movie Tickets &amp; Popcorn</td>
<td>$45.00</td>
</tr>
<tr>
<td>Annual Electric Bill</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>Annual Cell Phone Bill (family of four)</td>
<td>$1,600.00</td>
</tr>
</tbody>
</table>

Source: MDT Multimodal Planning & Communications

Customer Responses to Reductions if Overall Funding Decreases

Survey Question:
If funding for Montana’s transportation system decreases, which of the following should be funded at a lower level?

- Bicycle Pathways
- Pedestrian Walkways
- Local Transit Buses
- Rest Areas
- Interstate Highways
- Other Major Highways
- Maintenance

The majority (over 51%) of stakeholders and the public would reduce funding for bicycle pathways first. Both stakeholders and the public agreed that Maintenance should be prioritized and be funded at or above the current level if funding decreases.

Source: 2019 TranPlanMT Biennial Survey
The goal of Vision Zero is to eliminate deaths and serious injuries on Montana highways through:

1) Education and public safety campaigns,
2) Enforcement of Montana seat belt, child restraint, and impaired driving laws,
3) Engineering of highway safety improvements,
4) Reduce response time to enhance patient outcome and reduce risk of severe injuries involving emergency responders and medical service providers.

As part of Vision Zero, MDT led the development of the Montana Comprehensive Highway Safety Plan (CHSP). The work completed as part of this plan has contributed to a 52% decrease in fatalities and serious injuries since the plan’s inception in 2007.

Since 2008, MDT upgraded 15 rest areas. The rest areas serve as safe stopping opportunities along Montana’s highways for the traveling public and commercial carriers.

In 2019:
Montana experienced over 22,319 traffic crashes
165 of these crashes were fatal and 184 people died.
Montana's Comprehensive Highway Safety Plan

**Vision:**
Vision Zero - Zero fatalities and zero serious injuries on Montana roadways.

**Interim Goal:**
Reduce deaths and life changing injuries on Montana’s roads by half, from 952 in 2018 to 476 in 2030.

**Emphasis Areas:**
Crash factors contributing to the largest numbers of severe crashes and how these factors overlap are carefully considered when identifying Emphasis Areas. Critical crash factors or crash trends that will have the biggest influence on reducing crash frequency or severity are:

- Roadway Departure and Intersection Related Crashes,
- Impaired Driving,
- Unrestrained Vehicle Occupants, and
- Emergency Response – After-Crash Care.

**CHSP Interim Goal**
Reduce deaths and life changing injuries on Montana’s roads by half, from 952 in 2018 to 476 in 2030.

**In the last ten years (2010-2019):**

- **Roadway departure crashes** have accounted for
  - 67% of all roadway fatalities and
  - 55% of serious injuries.

- **Impaired driver involved crashes** have accounted for
  - 60% of all roadway fatalities and
  - 33% of serious injuries.

- **Unrestrained occupants in vehicles with seat belts** accounted for
  - 49% of all roadway fatalities and
  - 29% of serious injuries.
**Sources:** Federal Fatality Analysis Reporting System (FARS) and MDT Highway Traffic Safety

**Impaired driver involved crashes** in Montana accounted for 9% of all reported roadway crashes in 2019, but 58% of all roadway crash fatalities.

A motor vehicle crash is considered to be an impaired incident if at least one driver involved in the crash is determined or suspected to be impaired by alcohol and/or drugs.

In 2019, 91% of impaired driver involved roadway deaths occurred in rural crashes.

71% of impaired driver involved roadway deaths in 2019 involved a male impaired driver.

**From 2010 - 2019 in Montana:**

82% of vehicle occupant deaths occurred in roadway departure crashes.

More than 3 out of 4 people ejected during a fatal crash died from their injuries.

Nearly 700 ejected fatalities occurred.

$1.66 million is the average economic cost* per motor vehicle fatality.

*Source: National Safety Council (NSC) 2018 Cost Calculations: https://injuryfacts.nsc.org/all-injuries/costs/guide-to-calculating-costs
Montana roads open to public travel consist of 73,648 miles, including **12,923** miles of MDT routes.

**Billings** has the most public road mileage of any incorporated city in Montana with **600** miles. **Rexford** has the least with **1.5** miles.

The **busiest spot** on Montana roadways is **Reserve Street** in Missoula between River Road and Mullan Road where annual average daily traffic was **42,130 vehicles per day** in 2019.

Of Montana’s 56 counties, **Yellowstone County** had the **most daily vehicle miles traveled** on MDT routes with **2,682,516** in 2019. **Petroleum County** had the **least** with **32,351**.

In 2019, **72.5%** of highway vehicle miles traveled on MDT routes were **outside** the state’s 19 urban areas.

**Centerline Road Mileage 2019**

- **1,192** NHS Interstate
- **2,995** Non-Interstate
- **2,657** Primary
- **4,503** Secondary
- **433** Urban
- **1,143** State Highway
- **3,446** Local Roads/Streets (Urban)
- **57,279** Local Roads/Streets (Rural)

**Source:** MDT Geospatial Information Section
Montana’s public highways and streets are placed on federal- and state-designated systems for the purpose of allocating highway funds.

**Federally Designated Highway Systems**

The **National Highway System (NHS)** includes the Interstate System as well as other roads important to the nation’s economy, defense, and mobility.

The **Interstate NHS** consists of routes of highest importance to the nation that connect principal metropolitan areas, cities, and industrial centers as directly as practicable; serve the national defense; and to the greatest extent possible, connect at suitable border points with routes of continental importance in Canada and Mexico.

The **Non-Interstate NHS** consists of principal arterials other than the Interstate that serve major travel destinations and transportation needs.

**State-Designated Highway Systems**

The **Primary Highway System** routes are either principal or minor arterials designated by the Transportation Commission.

The **Secondary Highway System** routes are either minor arterials or major collectors designated by the Transportation Commission after consulting with boards of county commissioners.

The **Urban Highway System** routes are urban arterials or urban major collectors in or near incorporated cities with populations of 5,000 and within urban boundaries. These are selected by the Transportation Commission in cooperation with local government authorities.

**State highways** are roads not located on a defined highway system, but are on the state maintenance system.

**Local roads** encompass all remaining urban streets and rural roads that are not designated to any of the systems noted above and are the responsibility of the respective road authority (i.e. city, county, tribal, land management agency, etc.)

**Source:** Guide to Functional Classification, Highway Systems and Other Route Designations in Montana (2017), MDT Rail, Transit and Planning Division
### Statewide Annual Vehicle Miles of Travel (AVMT)

#### 2018

<table>
<thead>
<tr>
<th>Route Type</th>
<th>Centerline Miles</th>
<th>AVMT</th>
<th>Percent of AVMT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDT Routes</td>
<td>12,929</td>
<td>9.7 billion</td>
<td>77%</td>
</tr>
<tr>
<td>Other</td>
<td>60,644</td>
<td>3.0 billion</td>
<td>23%</td>
</tr>
</tbody>
</table>

#### 2019

<table>
<thead>
<tr>
<th>Route Type</th>
<th>Centerline Miles</th>
<th>AVMT</th>
<th>Percent of AVMT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDT Routes</td>
<td>12,923</td>
<td>9.8 billion</td>
<td>76%</td>
</tr>
<tr>
<td>Other</td>
<td>60,725</td>
<td>3.0 billion</td>
<td>24%</td>
</tr>
</tbody>
</table>

AVMT = Annual Vehicle Miles Traveled

**76% of AVMT is on the 12,923 miles of MDT routes*.**

*MDT routes include National Highway System (NHS), Primary, Secondary, Urban and State Highways. NHS encompasses Interstate and Non-Interstate (NI-NHS).

**Sources:** MDT Traffic Data Collection Section and MDT Geospatial Information Section

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### Passenger Car Traffic on NHS & Primary Systems 2019

- **49% NI-NHS**
- **14% Primary**
- **37% Interstate**

### Commercial Truck Traffic on NHS & Primary Systems 2019

- **62% Interstate**
- **29% NI-NHS**
- **9% Primary**

The NHS and Primary road systems represent **53%** of MDT route mileage, yet these two systems carry **83%** of the traffic. Maintaining the condition and performance of Montana's NHS and Primary road network is vital to traffic mobility, traffic safety, and the quality of life in Montana.

**Source:** MDT Traffic Data Collection Section
<table>
<thead>
<tr>
<th>State</th>
<th>Population*</th>
<th>NHS Miles**</th>
<th>Population Per NHS Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wyoming</td>
<td>578,759</td>
<td>3,066</td>
<td>189</td>
</tr>
<tr>
<td>North Dakota</td>
<td>762,062</td>
<td>3,722</td>
<td>205</td>
</tr>
<tr>
<td>South Dakota</td>
<td>884,659</td>
<td>3,725</td>
<td>237</td>
</tr>
<tr>
<td>Montana</td>
<td>1,068,778</td>
<td>4,187</td>
<td>255</td>
</tr>
<tr>
<td>Idaho</td>
<td>1,787,065</td>
<td>2,693</td>
<td>664</td>
</tr>
<tr>
<td>Utah</td>
<td>3,205,958</td>
<td>2,816</td>
<td>1,140</td>
</tr>
<tr>
<td>Colorado</td>
<td>5,758,736</td>
<td>4,908</td>
<td>1,173</td>
</tr>
<tr>
<td>Washington</td>
<td>7,614,893</td>
<td>4,560</td>
<td>1,670</td>
</tr>
<tr>
<td>California</td>
<td>39,512,223</td>
<td>14,095</td>
<td>2,803</td>
</tr>
<tr>
<td>Hawaii</td>
<td>1,415,872</td>
<td>455</td>
<td>3,112</td>
</tr>
<tr>
<td>United States</td>
<td>328,239,523</td>
<td>219,455</td>
<td>1,496</td>
</tr>
</tbody>
</table>

*Source: U.S. Census Bureau Annual Estimates of Population (as of July 1, 2019): https://www.census.gov/

**Source: FHWA Highway Statistics 2019, Table HM-41: https://www.fhwa.dot.gov/policyinformation/

Montana is larger than the combined area of 10 North-Atlantic states, yet it has only 2% of the combined population of those states.

It is farther by highway from Yaak, MT to Alzada, MT (774 miles) than it is from Washington D.C. to Chicago, Denver to Las Vegas, Seattle to Reno, Atlanta to Chicago, Jacksonville to Washington D.C., or San Francisco to Salt Lake City.
Building a Good Road Takes Time

Building a road involves years of research, planning, design, engineering, and budgeting. It can take seven to eight years to complete a road project.

Development Phase - 12 months
Nomination, review, funding evaluation, publish in Statewide Transportation Improvement Program, public comment, Commission and federal approval

Survey Phase - 8-24 months
Survey, environmental, engineering, traffic noise, air quality evaluation, public input, alignment and grade plan

Design Phase - 15-24 months
Design: electrical plans, bridge and hydraulic structures, signing, pavement markings, erosion control; studies on water quality, hazardous materials, and irrigation; public involvement

Right-of-Way Phase - 6-12 months
Regulatory permits, property-railroad utility negotiations, final plans, stake highway centerline, relocate utilities

Construction Phase - 8-24 months
Advertise, accept bid, Commission award, contract, construction

Road Deterioration vs. Time

Timely maintenance is the key to getting the maximum life from pavements. For every dollar not spent on timely preventative maintenance, $4 to $8 will be needed for complete reconstruction a few years later.

Source: pavementinteractive.org/article/pavement-life-cycle

Construction Expenditure Impacts of Inflation

The consistent rise in national roadway construction costs reinforces the importance of timely preventative maintenance.

Sources: MDT Multimodal Planning & Communications
### 2019 State Highway Overall Pavement Condition

- **Good**
- **Fair to Poor**

*Source: MDT Pavement Analysis Section*

**MDT Ride Condition Summary**

**Performance Goal:**
Maintain average ride in the desirable (or superior) range with less than 3% of the miles in unsatisfactory condition.

- **Good**
  - Visible traffic wear with low severity cracking and minimal rutting
- **Fair**
  - Moderate cracking in extent and severity, slight rutting and aggregate loss
- **Poor**
  - Prevalent cracking in extent and severity, heavy rutting, patching

*Source: MDT Pavement Analysis Section*

Ride index, a measurement of road "smoothness," is just one index considered in the overall pavement condition.

**Did You Know?**

MDT produces the official Montana Highway Map in cooperation with Montana Office of Tourism and Business Development. In 2019, **1.2 million maps** were printed with an anticipated 1.2 million to be printed in 2020-2021.

In state fiscal year (SFY) 2020, MDT crews spread **184,329 cubic yards of sand** and **7,941,978 gallons of chemical deicer**.

Montana maintains **25,066 actual lane miles**.
Montana’s Highway Systems & Facilities

MDT is responsible for inspecting and load rating all State and Locally Owned bridges in Montana. This equates to more than 4,489 bridges and other structures, and over 21 million square feet of deck area*.

In 2020, MDT implemented a revised Bridge Load Posting Program. Bridge load posting is a matter of public safety and will help MDT safeguard vital transportation infrastructure. Based on recent safety based bridge engineering evaluations, new vehicle types, and updated guidance from the Federal Highway Administration (FHWA), the new load postings will indicate the maximum amount of weight that can legally cross a bridge for different vehicle types. A posted bridge is safe to use, but the weight of certain vehicles must be limited accordingly to prevent overload and damage, maintain integrity of the bridge, and safeguard bridge longevity.

To assist the traveling public in understanding the program, MDT has developed a program webpage equipped with educational brochures and an interactive Load Posting Map.

Fun Fact: There are roughly 440 timber bridges in-service today on MDT routes. Many are more than 70 years old, dating back to the New Deal (1933) when over 1,200 were constructed across Montana.

The total bridge deck area in Montana represents both state owned and local owned bridge decks by square footage (ft²). “Other” is a category for bridges on state owned/maintained routes not identified with a system. These are State Highways and State maintained local routes. Source: MDT Bridge Bureau

<table>
<thead>
<tr>
<th>Number of State Owned Bridges by System by Bridge Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interstate</td>
</tr>
<tr>
<td>NHS (non-interstate)</td>
</tr>
<tr>
<td>Primary (non-NH)</td>
</tr>
<tr>
<td>Secondary</td>
</tr>
<tr>
<td>Urban</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

The total bridge deck area in Montana represents both state owned and local owned bridge decks by square footage (ft²). “Other” is a category for bridges on state owned/maintained routes not identified with a system. These are State Highways and State maintained local routes. Source: MDT Bridge Bureau
### Bridge Count by System & Deck Area

<table>
<thead>
<tr>
<th>System</th>
<th>Bridge Count</th>
<th>Deck Area, ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interstate</td>
<td>817</td>
<td>7,324,771</td>
</tr>
<tr>
<td>NI-NHS</td>
<td>530</td>
<td>4,206,989</td>
</tr>
<tr>
<td>Primary</td>
<td>438</td>
<td>2,253,261</td>
</tr>
<tr>
<td>Secondary</td>
<td>393</td>
<td>1,648,154</td>
</tr>
<tr>
<td>Urban</td>
<td>28</td>
<td>397,038</td>
</tr>
<tr>
<td>Other</td>
<td>267</td>
<td>1,318,518</td>
</tr>
<tr>
<td><strong>State-Owned Total</strong></td>
<td><strong>2,473</strong></td>
<td><strong>17,148,730</strong></td>
</tr>
<tr>
<td>Local Urban</td>
<td>41</td>
<td>179,917</td>
</tr>
<tr>
<td>Local Non-Urban</td>
<td>1,963</td>
<td>3,808,682</td>
</tr>
<tr>
<td><strong>Local-Owned Total</strong></td>
<td><strong>2,004</strong></td>
<td><strong>3,988,599</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4,477</strong></td>
<td><strong>21,137,330</strong></td>
</tr>
</tbody>
</table>

### Condition of State Owned Bridges by System by Deck Area

- Interstate: 10% Good, 30% Fair, 60% Poor
- NI-NHS: 50% Good, 20% Fair, 30% Poor
- Primary: 80% Good, 10% Fair, 10% Poor
- Secondary: 20% Good, 50% Fair, 30% Poor
- Urban: 80% Good, 10% Fair, 10% Poor
- Other: 30% Good, 20% Fair, 50% Poor

81.1% of bridge deck area in Montana is state-owned.

**NHS Bridge Performance Goal:** State of Good Repair = 25% or more in Good Condition, 3% or less in Poor Condition

### Source: MDT Bridge Bureau
MDT assembles 15-20 snowplow trucks per year -- saving $80,000 per truck and guaranteeing excellent quality assurance.

MDT maintains over **25,000 lane miles of highway** and plows on average over 4 million miles per year statewide - the equivalent of driving around the world 160 times or 8 trips to the moon.
MDT has 116 maintenance crews located throughout the state.

Source: MDT Data and Statistics Bureau
MDT is responsible for 35 rest areas and 10 parking areas. 9 rest areas are seasonal and 26 are open year-round. 26 parking areas are open year-round. Other entities maintain additional rest areas and city park rest areas.

For road and weather information in Montana, travelers can visit MDT’s website at mdt511.com, dial 511 (in state) or 800-226-7623, and access MDT’s mobile application: MDT Travel Info. MDT Traveler Information Systems provide road conditions, construction information, road closures, chain requirements, incident information, weather forecasts, camera/Road Weather Information System (RWIS) images, and snowplow camera images.

Tourism information for Glacier National Park and Yellowstone National Park is also available, as well as access to information for surrounding states.

**Glacier Park** 406-888-7800
**Yellowstone Park** 307-344-7381

**Cameras/Road Weather Information System**
Montana’s RWIS consists of 72 cameras and 73 Remote Weather Sites across the state. RWIS provides real-time information via standard communication tools (phone lines and computer networks) statewide. These sites are in strategic locations to provide accurate, real-time weather information and can be accessed at rwis.mdt.mt.gov and through the Travel Info Map or mobile app, MDT Travel Info.

**iPhone, iPad or Android Users**
MDT’s travel info mobile app is available in Google Play, the App Store, Amazon, and at mdt511.gov.
MDT Motor Carrier Services works to protect Montana roadways from overweight vehicle damage and ensure drivers and commercial vehicles operate safely.

In State Fiscal Year 2020:

- MDT weighed 1,187,021 trucks.
- Statewide, Montana safety inspectors and peace officers conducted 28,560 commercial vehicle safety inspections.
- MDT issued 68,216 permits, netting $6,737,365 in revenue; 34,321 permits were self-issued by customers online, netting $3,362,617 or 49.9% of total permit revenue.
- MDT registered 10,849 Montana-based Power Units (tractor or truck used to pull a trailer) through the International Registration Plan (IRP).
## Truck Size & Weight Limits

### Truck Size
- **Legal Width**: 8 feet 6 inches
- **Legal Height**: 14 feet
- **Legal Length**: 75 feet; single trailer length may not exceed 53 feet

The maximum length for a single unit vehicle is 55 feet. No vehicle combination may consist of more than three individual trailers. (Vehicle combinations with three trailers may only operate on the Interstate highway system in Montana, if properly permitted.)

### Legal Axle Weights
- **Single Axle (single tire)**: 11,000 lbs
- **Single Axle (dual tire)**: 20,000 lbs
- **Tandem Axle**: 34,000 lbs
- **Triple Axle**: Federal 30B Bridge Formula
- **Gross Weight**: 132,000 lbs (Maximum allowable gross vehicle weight is determined using Federal 30B Bridge Formula.)

For oversize or overweight load information, call 444-7262.

*Notice: Information subject to change.*

*Source: MDT Motor Carrier Services*
Transportation Modes

**Non-Motorized Travel & Transportation**

Bicycles are considered a vehicle, and bicyclists should obey the same vehicular and traffic laws that apply to other operators. Bicyclists should obey all traffic laws and traffic control devices. All public roads are open to cyclists.

Bicyclists operating in the roadway are part of the traffic mix and shall ride in the same direction as traffic.

MDT’s ADA Transition Plan directs the department’s efforts to provide an accessible transportation system within the state of Montana. During the 2018-2019 construction season, MDT upgraded 875 ADA ramps on MDT-owned and -maintained routes. This was a 37% increase in the number of compliant ramps.

**ADA Curb Ramp Compliance**

- **2018**
  - No Barriers: 5,000
  - Partial Barriers: 10,000
  - Multiple Barriers: 15,000

- **2020**
  - No Barriers: 20,000

**In State FY 2020...**

Montana transit providers traveled more than 8 million miles providing public transportation. This is equivalent to 14,286 trips across Montana (or 17 trips to the moon and back).

25% of all rides provided were to the elderly and disabled. Out of 3,667,064 total rides, Montana transit operators provided over 907,000 rides to elderly and disabled citizens to meet medical, nutritional, and employment needs.
Transit Funding Programs

Capital Assistance for the Elderly and Persons with Disabilities and General Public
Sections 5310 and 5311
This MDT-administered program provides capital equipment for transportation services that meet special needs of the elderly, persons with disabilities, and the general public. Montana currently has 70 recipients of this funding with an inventory of 515 vehicles under lien by MDT.

Successful applicants for Section 5311 funding receive capital equipment that is 86% federally funded and matched with 14% local funds. Other funds may be available for capital at 80% federal and 20% local.

Financial Assistance for Rural General Public
Section 5311
This MDT-administered program provides operating and capital assistance to qualified organizations that provide transportation to the general public in areas outside of Montana’s three urbanized areas (Billings, Great Falls, and Missoula). Federal funds pay 54% of operating costs, 80% of administration costs, 80% of maintenance costs, and 86% of capital costs. Remaining funding must come from the local recipient. Rural general public transit systems must have a coordinated or consolidated system in their community or service area.

Transportation Assistance for the Disabled and Elderly (TransADE)
The TransADE program offers matching funds to eligible organizations that provide transportation to the elderly and persons with disabilities. State funds are used as match to maximize federal funds for each community transit program. Matching funds are allocated to transit providers based on the number of elderly and disabled in the provider’s service area.

Rural Transit Assistance Program (RTAP)
RTAP funds support nonurbanized transit activities in four categories: training, technical assistance, research, and related support services. All Montana rural transit providers receiving federal transit funding are eligible for RTAP funds. Funds are also available to Montana’s public transit operators in urbanized areas as long as activities are primarily designed and delivered to benefit nonurbanized transit providers. This program can fund up to 100% of the request with federal funds.

Metropolitan Planning and State Planning and Research Programs
Section 5303/5304
These programs are the principal sources of federal financial assistance to help urban and rural areas plan, develop, and improve comprehensive public transportation systems. MDT uses Section 5304 funds to assist transit agencies in rural areas with transit planning and technical support. Montana’s three urbanized areas receive Section 5303 funds for planning.

Bus and Bus Facilities Infrastructure Investment Program
Section 5339
The Bus and Bus Facilities Infrastructure Investment Program provides capital funding to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities. Funds are eligible to be transferred by the state to supplement urban and rural formula grant programs. A 20% match is required.
### State FY 2020 Transit System Ridership

<table>
<thead>
<tr>
<th>Public Rural Provider</th>
<th>Rides</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Big Dry Transit</td>
<td>4,611</td>
</tr>
<tr>
<td>2 Big Sky Transportation District</td>
<td>154,521</td>
</tr>
<tr>
<td>3 Bitterroot Bus</td>
<td>10,190</td>
</tr>
<tr>
<td>4 Blackfeet Nation Dept of Transportation</td>
<td>13,987</td>
</tr>
<tr>
<td>5 Butte Silver Bow Transit</td>
<td>188,378</td>
</tr>
<tr>
<td>6 City of Dillon</td>
<td>8,194</td>
</tr>
<tr>
<td>7 Confederated Salish &amp; Kootenai Tribes</td>
<td>35,328</td>
</tr>
<tr>
<td>8 Custer County</td>
<td>7,801</td>
</tr>
<tr>
<td>9 Dahl Memorial Healthcare - Carter Chapter</td>
<td>812</td>
</tr>
<tr>
<td>10 Daniels County Transportation</td>
<td>956</td>
</tr>
<tr>
<td>11 Dawson County Urban Transportation</td>
<td>15,008</td>
</tr>
<tr>
<td>12 Fallon County Council on Aging (COA)</td>
<td>4,844</td>
</tr>
<tr>
<td>13 Fergus County Council on Aging (COA)</td>
<td>18,098</td>
</tr>
<tr>
<td>14 Flathead - Eagle Transit</td>
<td>88,395</td>
</tr>
<tr>
<td>15 Fort Peck Transportation</td>
<td>25,277</td>
</tr>
<tr>
<td>16 Glen-Wood, Inc. - Quality Transit</td>
<td>26,034</td>
</tr>
<tr>
<td>17 Capital Transit</td>
<td>64,835</td>
</tr>
<tr>
<td>18 HRDC/Galavan/Streamline</td>
<td>231,490</td>
</tr>
<tr>
<td>19 Lake County Council on Aging (COA)</td>
<td>4,208</td>
</tr>
<tr>
<td>20 Laurel Transit Authority</td>
<td>1,399</td>
</tr>
<tr>
<td>21 Liberty County Council on Aging (COA)</td>
<td>10,538</td>
</tr>
<tr>
<td>22 Lincoln County Transportation Service</td>
<td>7,705</td>
</tr>
<tr>
<td>23 Mineral County Pioneer Council</td>
<td>1,180</td>
</tr>
<tr>
<td>24 North Central MT Transit</td>
<td>18,739</td>
</tr>
<tr>
<td>25 Park County</td>
<td>3,083</td>
</tr>
<tr>
<td>26 Phillips County Transit Authority</td>
<td>17,778</td>
</tr>
<tr>
<td>27 Powder River Transportation</td>
<td>2,363</td>
</tr>
<tr>
<td>28 Powell County Public Transit</td>
<td>4,076</td>
</tr>
<tr>
<td>29 Richland County Transportation</td>
<td>25,156</td>
</tr>
<tr>
<td>30 Rosebud Transportation</td>
<td>1,183</td>
</tr>
<tr>
<td>31 Sanders County Council on Aging (COA)</td>
<td>9,940</td>
</tr>
<tr>
<td>32 Toole County Transit</td>
<td>12,271</td>
</tr>
<tr>
<td>33 Valley County Transit</td>
<td>51,330</td>
</tr>
<tr>
<td>34 West Yellowstone Foundation</td>
<td>1,181</td>
</tr>
<tr>
<td>35 Whitehall Senior Citizens</td>
<td>20,593</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Public Urban Provider (direct FTA funding)</th>
<th>Rides</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Great Falls Transit</td>
<td>337,801</td>
</tr>
<tr>
<td>2 Met Transit - Billings</td>
<td>408,560</td>
</tr>
<tr>
<td>3 Mountain Line - Missoula</td>
<td>1,263,639</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specialized - i.e. elderly and disabled transit</th>
<th>Rides</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>492,819</td>
</tr>
</tbody>
</table>

**TOTAL:** 3,594,301

### State FY 2020 Transit Ridership Trends

Data reflects General Public (GP), intercity and vanpool transportation. 2020 data reflects decreased ridership due to COVID-19 pandemic.

**Source:** MDT Transit Section

### State FY 2020 Annual Transit Mileage Trends

Data reflects General Public (GP), intercity and vanpool transportation. 2020 data reflects decreased ridership due to COVID-19 pandemic.

**Source:** MDT Transit Section
In 2019, Montana had approximately 3,135 miles of active mainline track. The state is served by two Class I railroads, BNSF Railway (BNSF) and Union Pacific, one Class II railroad, seven Class III railroads, one plant railroad, and one tourist railroad. The primary products shipped out of Montana by BNSF are coal, farm products, petroleum products, and wood products. 

Source: BNSF Railway: Class 1 Railroad Annual Report, 2019

Goods are transported to, from, and within Montana as follows:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck</td>
<td>64%</td>
<td>52%</td>
</tr>
<tr>
<td>Rail</td>
<td>7%</td>
<td>20%</td>
</tr>
<tr>
<td>Pipeline</td>
<td>9%</td>
<td>26%</td>
</tr>
<tr>
<td>Multiple Modes</td>
<td>19%</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
<td>0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck</td>
<td>44%</td>
<td>20%</td>
</tr>
<tr>
<td>Rail</td>
<td>13%</td>
<td>50%</td>
</tr>
<tr>
<td>Pipeline</td>
<td>30%</td>
<td>27%</td>
</tr>
<tr>
<td>Multiple Modes</td>
<td>9%</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck</td>
<td>57%</td>
<td>57%</td>
</tr>
<tr>
<td>Rail</td>
<td>4%</td>
<td>8%</td>
</tr>
<tr>
<td>Pipeline</td>
<td>36%</td>
<td>35%</td>
</tr>
<tr>
<td>Multiple Modes</td>
<td>3%</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Source: Freight Analysis Framework 4 Summary Statistics, 2018

In 2019, BNSF reported the following product mix shipped from Montana (based on carloads).

- **65% Coal**
- **17% Industrial Products**
- **18% Agricultural Products**

Source: BNSF Montana State Fact Sheet 2019

### Passenger Rail Service

Amtrak operates a daily east- and west-bound long-distance train (Empire Builder) through Montana, providing passenger service to **12 Montana stations**. In 2019, the Empire Builder recorded **121,352 boardings and alightings** in Montana with Whitefish accounting for 46% of those passengers.

Source: Amtrak Fact Sheet 2019, State of Montana

### Montana Railroads

- **Class I Railroads**—BNSF Railway and Union Pacific (UP) (branch line from Idaho to Silver Bow)
- **Class II Railroads**—Regional—Montana Rail Link (MRL)
- **Class III Railroads**—Central Montana Rail (CMR), Butte, Anaconda and Pacific Railway (BA&P), Mission Mountain Railroad (MMR), Global Rail Group, Port of Montana, Dakota, Missouri Valley & Western (DMVW), and Transco
- **Tourist Railroad**—Alder Gulch Short Line Railroad
- **Plant Railroad**—Lincoln County Port Authority

BNSF operates on 2,565 miles of track in Montana. In 2019, nearly **1.9 million carloads of freight** were transported within the state. Of these carloads, **324,800** were from Montana to out-of-state destinations and **36,226** were inbound to Montana.

In the past five years, MDT has worked with railroads to construct safety improvements at **53** rail-highway grade crossings.
Montana has over 4,500 registered aircraft and approximately 3,300 pilots.

Montana has 126 public-use airports (16 owned and/or operated by MDT) and more than 350 private-use airports.

The Aeronautics Air Search and Rescue Program has more than 350 Montana volunteer pilots and aircraft to assist in its mission.

Aeronautics has approximately $2,200,000 in grants and loans available annually for airport-related improvements.

Of the 126 public-use airports in Montana, 63 receive federal funding.

In 2019, scheduled airlines carried nearly 5 million passengers to and from Montana. Montana airports spent over $52 million in airport development projects in 2019.
Aviation fuel tax - $0.05 per gallon. Allocated as follows: $0.045 cents dedicated to airport grants, and $0.005 cents dedicated to Aeronautics operations.

Source: MDT Aeronautics Division from State Fiscal Year 2020
The MDT Aeronautics Division, through a state aviation system planning grant from the Federal Aviation Administration (FAA), develops a pavement management system for Montana’s general aviation airports. This is an ongoing process and is updated on a three-year cycle.

The system is designed to be a systematic and objective tool for determining maintenance and rehabilitation needs and priorities for paved surfaces on Montana’s general aviation airports. The Pavement Condition Index (PCI) provides a dependable scale for comparing the existing operational condition and structural integrity of airport pavements. The rating is 0-100 with 100 being the best. Rehabilitation versus maintenance should be evaluated starting at 60.

A final report was prepared in 2019 to summarize PCI conditions. The following charts summarize some of the information collected during these studies.

**Aviation Pavement Condition Index (PCI) Value**

<table>
<thead>
<tr>
<th>Mode</th>
<th>PCI Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Runway</td>
<td>79.90</td>
</tr>
<tr>
<td>Taxiway</td>
<td>76.02</td>
</tr>
<tr>
<td>Apron</td>
<td>72.51</td>
</tr>
</tbody>
</table>

Rehabilitation vs. maintenance should be evaluated starting at 60.

**Source:** KLJ Engineering
2019 Commercial & Essential Air Service Enplanements

- 19% Missoula
- 33% Bozeman
- 15% Kalispell
- 7% Great Falls
- 5% Helena
- 2% Essential Air Service Cities

- 43% Butte
- 18% Yellowstone
- 4% Glendive
- 6% Havre
- 6% Wolf Point
- 7% Glasgow

Source: MDT Aeronautics Division
### Helena Headquarters
Montana Department of Transportation
2701 Prospect Avenue
PO Box 201001
Helena, MT 59620-1001
phone 444-6201  fax 444-7643
tty 800-335-7592
mdt.mt.gov

### Aeronautics
2630 Airport Road
PO Box 200507
Helena, MT 59620-0507
phone 444-2506  fax 444-2519
mdt.mt.gov/aviation

<table>
<thead>
<tr>
<th>District</th>
<th>Administrator</th>
<th>Maintenance Chief</th>
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<td>District 1 Missoula</td>
<td>523-5802</td>
<td>Missoula 523-5803</td>
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<td>Kalispell 751-2010</td>
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<td>District 2 Butte</td>
<td>494-9600</td>
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<td>Bozeman 556-4704</td>
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<td>District 3 Great Falls</td>
<td>454-5887</td>
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<td>Havre 262-5504</td>
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<td>District 4 Glendive</td>
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<td>Glendive/Miles City 345-8253</td>
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<td>Wolf Point 653-6709</td>
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<td>District 5 Billings</td>
<td>657-0268</td>
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<td>Lewistown 538-1301</td>
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### Motor Carrier Services
**Ports of Entry**
- Billings East Bound: 657-0204
- Billings West Bound: 657-0203
- Broadus: 436-2531
- Coutts, Canada: (403) 344-5063
- Culbertson: 787-5323
- Dietz, WY: (307) 674-2350
- Haugan: 678-4257
- Lima: 276-3429
- Wibaux: 795-9972

**Online Motor Carrier Permitting**
mdt.mt.gov/business/mcs/permits.shtml
444-7262

**Construction Project Bids**
mdt.mt.gov/business/contracting
444-6215

**Bicycle/Pedestrian Information**
mdt.mt.gov/travinfo/bikeped
444-9273

**Other Weigh Stations**
- Armington Jct: 738-4261
- Bozeman: 587-0727
- Butte: 533-3699
- Clearwater: 244-5460
- Havre: 265-9033

**Highway Map Orders**
mdt.mt.gov/mdt/document-orderform.shtml
444-3423
Each of the five Montana Transportation Commission board members are appointed by the Governor and confirmed by the Senate for a four-year term. One member each must be appointed from all five of the districts (see map below) and all must serve staggered four-year terms. No two members can live in the same district, no more than three members can be of the same party, and no state elected officials or employees can be appointed to the board. One member appointed from districts 1, 3, 4, or 5 must have knowledge of Indian culture and tribal transportation needs, and must be selected by the governor after consultation with the Montana members of the Montana-Wyoming tribal leaders council. The provision that at least one member of a quasi-judicial board be an attorney (MCA 2-15-124) does not apply to the Transportation Commission.

Commission board members remain in their position until a replacement is appointed and confirmed. Visit mdt.mt.gov/pubinvolve/trans_comm/trans_commissioners.shtml or scan the QR code with your mobile device to view current contact information for the Transportation Commission.

Each of the nine Montana Aeronautics Board members are appointed by the Governor and confirmed by the Senate. There must be:

- One member of the Montana Pilots' Association;
- One member of the Montana Chamber of Commerce;
- One representative of the Montana Airport Management Association;
- One member of the Montana County Commissioners Association or the Montana League of Cities and Towns;
- One person actively engaged in aviation education in this state;
- One person representative of interstate commercial airline operators, who must at the time of appointment, be an employee or official of an interstate commercial airline operator and a resident of this state;
- One person representing the general public;
- One member of the Association of Montana Aerial Applicators; and
- One person who must at the time of appointment be an active fixed base operator in this state, or an official of a fixed base operator in this state, of flying services or flying schools.

Board members remain in their position until a replacement is appointed and confirmed, and the provision that at least one member of a quasi-judicial board be an attorney (MCA 2-15-124) does apply to the Aeronautics Board. Visit mdt.mt.gov/pubinvolve/aeronautics_board/boardmembers.shtml or scan the QR code with your mobile device to view current contact information for the Aeronautics Board.
Other Contacts

Federal Highway Administration
585 Shephard Way, Suite 2
Helena, MT 59601
Phone: 441-3900
Fax 449-5314
Website: fhwa.dot.gov/mtdiv/

Montana/Canada Ports of Entry
*Port of Roosville  889-3865
Port of Chief Mountain  403-653-3152 5/15 to 10/1
  732-5572 10/2 to 5/14
Port of Piegan  732-5572
Port of Del Bonita  336-2130
*Port of Sweet Grass  335-9610
Port of Whitlash  432-5522
Port of Wild Horse  394-2371
Port of Willow Creek  398-5512
Port of Turner  379-2651
Port of Morgan  674-5248
Port of Opheim  724-3212
Port of Scobey  783-5375
*Port of Raymond  895-2664
  *Open 24 hours-times are subject to change

Neighboring States Road & Travel Numbers
Idaho  888-IDA-ROAD or 888-432-7623
North Dakota  866-696-3511
South Dakota  866-MYSD511 or 866-697-3511
Wyoming  888-WYO-ROAD or 888-996-7623

Tourist Information
800-VISITMT (847-4868) TTY 841-2702
visitmt.com

For access to statewide project information, visit mdt.mt.gov/projects or scan the QR code using your mobile device to access MDT’s Active Projects Map.

For more information about the Montana Department of Transportation Fact Book, please contact:

Montana Department of Transportation
2701 Prospect Avenue
PO Box 201001
Helena, MT 59620-1001
406-444-6200
Fax: 406-444-7643
Website: mdt.mt.gov

Alternative accessible formats of this document will be provided on request. Persons who need an alternative format should contact the Office of Civil Rights, Department of Transportation, 2701 Prospect Avenue, PO Box 201001, Helena, MT 59620. Telephone 406-444-5416 or Montana Relay Service at 711.