Montana State Legislature

2015 SESSION

ADDITIONAL DOCUMENTS

Business Page

[Signed by Chairman]

Roll Call

Standing Committee Reports

Tabled Bills

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Proxy Forms

Visitor Registrations

***Any other documents, which were submitted after the committee hearing has ended and/or was submitted late [within 48 hours], regarding information in the committee hearing.**

***Witness Statements that were not presented as exhibits.**

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BUSINESS REPORT

MONTANA SENATE
64th LEGISLATURE - REGULAR SESSION

SENATE NATURAL RESOURCES COMMITTEE

Date: Monday, February 23, 2015
Place: Capitol

Time: 3:00 PM
Room: 303

BILLS and RESOLUTIONS HEARD:

SB 353 - Constitutional referendum to divert coal trust and create Build Montana program - Sen. Rick Ripley
SB 354 - Create infrastructure funding program - Sen. Rick Ripley
SB 361 - Clarify standing provisions in Water Court proceedings - Sen. Bradley Hamlett
SB 389 - Provide definitions for intermittent, ephemeral streams - Sen. Bradley Hamlett

EXECUTIVE ACTION TAKEN:

SB 361 - Do Pass
SB 323 - Do Pass
SB 389 - Do Pass as Amended
SB 355 - Do Pass
SB 353 - Do Pass
SB 354 - Do Pass
SB 47 - Do Pass
SB 368 - Do Pass
SB 203 - Be Tabled

Comments:

Chas Vincent

SEN. Chas Vincent, Chair

This is roll call for senate Natural Resources
Feb 23rd, 2015

MONTANA STATE SENATE
Roll Call
NATURAL RESOURCES COMMITTEE

DATE: Feb 23, 2015

NAME	PRESENT	ABSENT/ EXCUSED
SENATOR RICK RIPLEY, VICE CHAIR	X	
SENATOR CHRISTINE KAUFMANN	X	
SENATOR DUANE ANKNEY	X	
SENATOR JOHN BRENDEN	X	
SENATOR PAT CONNELL	X	
SENATOR JENNIFER FIELDER	X	
SENATOR BRADLEY MAXON HAMLETT	X	
SENATOR BRIAN HOVEN	X	
SENATOR JIM KEANE	X	
SENATOR CLIFF LARSEN	X	
SENATOR MIKE PHILLIPS	X	
SENATOR CHAS VINCENT, CHAIR	X	

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 361** (first reading copy -- white) **do pass**.

Signed: Chas Vincent
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 12, No 0
Fiscal Note Required __

SB0361001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 323** (first reading copy -- white) **do pass**.

Signed: Chas Vincent
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 8, No 4
Fiscal Note Required X

SB0323001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 389** (first reading copy -- white) **do pass as amended**.

Signed: _____
Senator Chas Vincent, Chair

And, that such amendments read:

1. Title, page 1, line 5.
Following: "STREAM";"
Insert: "AMENDING THE DEFINITION OF "PERENNIAL FLOWING STREAM";"

2. Page 4, line 3.
Strike: "this part"
Insert: "85-2-306"

3. Page 4, line 6.
Following: "water"
Insert: "typically from late fall through spring"

4. Page 4, line 7.
Strike: "a" through "for"

5. Page 4, line 8.
Strike: "historically has flowed"
Insert: "flows"

6. Page 4, line 9.
Strike: "dry as well as wet"
Insert: "most"

- END -

Committee Vote:
Yes 10, No 2
Fiscal Note Required __

SB0389001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 355** (first reading copy -- white) **do pass**.

Signed: Chas Vincent
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 10, No 2
Fiscal Note Required X

SB0355001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 353** (first reading copy -- white) **do pass**.

Signed: _____
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 7, No 5
Fiscal Note Required X

SB0353001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 354** (first reading copy -- white) **do pass**.

Signed: _____
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 7, No 5
Fiscal Note Required X

SB0354001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 47** (first reading copy -- white) **do pass**.

Signed: _____
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 7, No 5
Fiscal Note Required X

SB0047001SC.spt

SENATE STANDING COMMITTEE REPORT

Madame President:

We, your committee on **Natural Resources** report that **Senate Bill 368** (first reading copy -- white) **do pass**.

Signed: Chas Vincent
Senator Chas Vincent, Chair

- END -

Committee Vote:
Yes 12, No 0
Fiscal Note Required X

SB0368001SC.spt

MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 323 MOTION NO. _____
MOTION: Do Pass

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR	X		
SENATOR CHRISTINE KAUFMANN		X	
SENATOR DUANE ANKNEY	X		
SENATOR JOHN BRENDEN	X		
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER	X		
SENATOR BRADLEY MAXON HAMLETT	X		
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE		X	
SENATOR CLIFF LARSEN		X	
SENATOR MIKE PHILLIPS		X	
SENATOR CHAS VINCENT, CHAIR	X		

8 4

MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 389 MOTION NO. _____

MOTION: To Amend

SB038901.AJM

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR	X		
SENATOR CHRISTINE KAUFMANN	X		
SENATOR DUANE ANKNEY	X		
SENATOR JOHN BRENDEN	X		
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER	X		
SENATOR BRADLEY MAXON HAMLETT	X		
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE	X		
SENATOR CLIFF LARSEN	X		
SENATOR MIKE PHILLIPS	X		
SENATOR CHAS VINCENT, CHAIR		X	

11 1

MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 389 MOTION NO. _____
MOTION: Do Pass as Amended

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR	X		
SENATOR CHRISTINE KAUFMANN		X	
SENATOR DUANE ANKNEY	X		
SENATOR JOHN BRENDEN	X		
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER	X		
SENATOR BRADLEY MAXON HAMLETT	X		
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE	X		
SENATOR CLIFF LARSEN	X		
SENATOR MIKE PHILLIPS	X		
SENATOR CHAS VINCENT, CHAIR		X	

10 2

MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 355 MOTION NO. _____
MOTION: Do Pass

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR	X		
SENATOR CHRISTINE KAUFMANN		X	
SENATOR DUANE ANKNEY	X		
SENATOR JOHN BRENDEN	X		
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER	X		
SENATOR BRADLEY MAXON HAMLETT	X		
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE	X		
SENATOR CLIFF LARSEN	X		
SENATOR MIKE PHILLIPS		X	
SENATOR CHAS VINCENT, CHAIR	X		

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MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 353 MOTION NO. _____
MOTION: Do Pass

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR	X		
SENATOR CHRISTINE KAUFMANN		X	
SENATOR DUANE ANKNEY	X		
SENATOR JOHN BRENDEN	X		
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER	X		
SENATOR BRADLEY MAXON HAMLETT		X	
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE		X	
SENATOR CLIFF LARSEN		X	
SENATOR MIKE PHILLIPS		X	
SENATOR CHAS VINCENT, CHAIR	X		

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MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 354 MOTION NO. _____
MOTION: Do Pass

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR	X		
SENATOR CHRISTINE KAUFMANN		X	
SENATOR DUANE ANKNEY	X		
SENATOR JOHN BRENDEN	X		
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER	X		
SENATOR BRADLEY MAXON HAMLETT		X	
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE		X	
SENATOR CLIFF LARSEN		X	
SENATOR MIKE PHILLIPS		X	
SENATOR CHAS VINCENT, CHAIR	X		

7 5

MONTANA STATE SENATE
Roll Call Vote
NATURAL RESOURCES COMMITTEE

DATE 2/23/15 BILL NO SB 47 MOTION NO. _____
MOTION: Do Pass

NAME	AYE	NO	If Proxy Vote, check here & include signed Proxy Form with minutes
SENATOR RICK RIPLEY, VICE CHAIR		X	
SENATOR CHRISTINE KAUFMANN	X		
SENATOR DUANE ANKNEY		X	
SENATOR JOHN BRENDEN		X	
SENATOR PAT CONNELL	X		
SENATOR JENNIFER FIELDER		X	
SENATOR BRADLEY MAXON HAMLETT	X		
SENATOR BRIAN HOVEN	X		
SENATOR JIM KEANE	X		
SENATOR CLIFF LARSEN	X		
SENATOR MIKE PHILLIPS	X		
SENATOR CHAS VINCENT, CHAIR		X	

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COMMITTEE FILE COPY

BILL TABLED NOTICE

SENATE NATURAL RESOURCES COMMITTEE

The **SENATE NATURAL RESOURCES COMMITTEE** TABLED

SB 203 - Revise exempt well laws - Sen. Bradley Hamlett

by motion, on **Monday, February 23, 2015** (PLEASE USE THIS ACTION DATE IN LAWS BILL STATUS).

(For the Committee)

(For the Secretary of the Senate)

9:20 / 2/25
(Time) (Date)

February 25, 2015 (9:12am) Taylor Fridrich, Secretary Phone: 444-1619

MONTANA STATE SENATE
Visitors Register
SENATE NATURAL RESOURCES COMMITTEE

Monday, February 23, 2015
SB 353 - Constitutional referendum to divert coal trust and create Build Montana program
Sponsor: **Sen. Rick Ripley**

PLEASE PRINT

Name	Representing	Support	Oppose	Info
Jay Skoog	ACE C-M+	✓		
Vernon Bertelsen	Self		✓	
Hal Hayes	citizens for CITF		✓	
Richard Heimbigner	SELF		✓	
Darryl James	AIA, ASCE, MSE	✓		
Cary Hegreberg	Contractors	✓		
Riley Johnson	NFIB	✓		
Brad Griffin	MT Retail Assoc	✓		
Glenn Oppel	MT Chamber	X		
Jim Jensen	M.E.I.C.		X	
Harold Blattie	MACo	X		
Erik Burke	MEA-MFT		X	

Please leave prepared testimony with Secretary. Witness Statement forms are available if you care to submit written testimony.

MONTANA STATE SENATE
Visitors Register
SENATE NATURAL RESOURCES COMMITTEE

Monday, February 23, 2015
SB 354 - Create infrastructure funding program
Sponsor: **Sen. Rick Ripley**

PLEASE PRINT

Name	Representing	Support	Oppose	Info
JAY SKOOG	ACEC-MT	✓		
Kerme Bertelsen	Self		✓	
Hal Harper	CTT, FaCTTF		✓	
RICHARD HEIMBIGNER	SELF		✓	
Cary Hegreberg	Contractors	✓		
DARRYL JAMES	AIA, ASCE, MSE	✓		
Brad Griffin	MT Retail Assoc	✓		
Riley Johnson	NFIB	✓		
Glenn Oppel	MT Chamber	X		
Jim Jensen	M.E.I.C.		X	
HAROLD BLATTER	MACo	X		
Erik Burke	MEA-MFT		X	

Please leave prepared testimony with Secretary. Witness Statement forms are available if you care to submit written testimony.

MONTANA STATE SENATE
Visitors Register
SENATE NATURAL RESOURCES COMMITTEE

Monday, February 23, 2015
SB 361 - Clarify standing provisions in Water Court proceedings
Sponsor: **Sen. Bradley Hamlett**

PLEASE PRINT

Name	Representing	Support	Oppose	Info
Mike Murphy	MWRA	X		
Krista Lee Evans	SNWRC, AGAI	X		
Chelcu Cremer	MFBF	X		
Jacob Cargill	MT Farmers Union	X		
Jim Brown	MT Wool Growers	X		
Jay Bodner	MSGA / MCW	X		

Please leave prepared testimony with Secretary. Witness Statement forms are available if you care to submit written testimony.

MONTANA STATE SENATE
Visitors Register
SENATE NATURAL RESOURCES COMMITTEE

Monday, February 23, 2015
SB 389 - Provide definitions for intermittent, ephemeral streams
Sponsor: **Sen. Bradley Hamlett**

PLEASE PRINT

Name	Representing	Support	Oppose	Info
Don Van der Hagen	SELF		SB 389	
Judy van der Hagen	Self		✓	
~~Vernon Bertelsen~~	~~Montana Farm Bureau~~		✓	

Please leave prepared testimony with Secretary. Witness Statement forms are available if you care to submit written testimony.

REPORT CARD COMMITTEE

Chair: Melissa Matassa-Stone, PE, CFM, LEED AP, M. ASCE, WGM Group Inc.
Dave Aune, PE, Great West Engineering, Inc.
Stephanie Beckert, PE, Great West Engineering, Inc.
Bob Church, Great West Engineering, Inc.
Erin Claunch, PE, City of Billings
John Connors, PE, CFM, Montana Department of Natural Resources & Conservation
Jerry Davis, PE, M. ASCE
Mike Day, PE, Territorial Landworks, Inc.
Kate Dinsmore, WGM Group, Inc.
Philip Forbes, PE, M. ASCE, Morrison-Mairele, Inc.
Loran Frazier, PE, M. ASCE, WGM Group, Inc.
Kurt Hafferman, PE, M. ASCE, Billmayer & Hafferman, Inc.
Jeremy Keene, PE, WGM Group, Inc.
Mike Kynett, PE, M. ASCE, Morrison-Maierle, Inc.
Chris Laity, PE, Great West Engineering, Inc.
Michele LeMieux, PE, Montana Department of Natural Resources & Conservation
Kristyn Mayernik, PE, A.M. ASCE, Morrison-Maierle, Inc.
Roger Millar, PE, AICP, F. ASCE, Smart Growth America
Matthew Mudd, PE, M. ASCE, Great West Engineering, Inc.
Scott Murphy, PE, M. ASCE, Morrison-Maierle, Inc.
Craig Nowak, PE, F. ASCE, Morrison-Maierle, Inc.
Jon Pederson, PE, NewFields Companies, LLC
Matt Schmidt, PE, SE, Beaudette Consulting Engineers, Inc.
Larry Schock, CFM, Montana Department of Natural Resources & Conservation
Stephanie Seymanski, PE, M. ASCE, Morrison-Maierle, Inc.
Jeff Smith, PE, LEED AP, WGM Group, Inc.
Shoots Veis, PE, M. ASCE, Interstate Engineering
Bill Wiegand, PE, M. ASCE, Morrison-Maierle, Inc.
Ezra Williams, PLA, CPSI, CTA Architects Engineers
Brittney Kohler, ASCE National
Becky Moylan, ASCE National

STATE SECTION

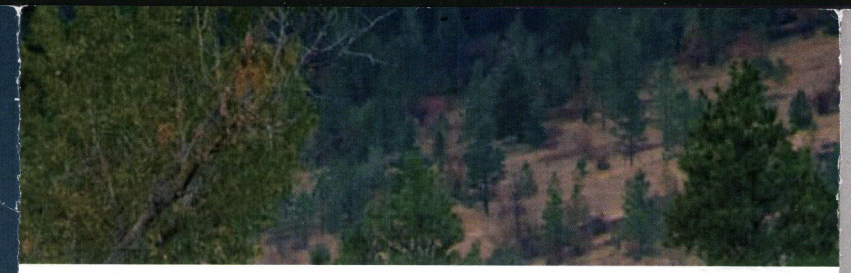
mtsectionpresident@gmail.com
www.infrastructurereportcard.org/montana

ASCE GOVERMENT RELATIONS

govrel@asce.org
www.infrastructurereportcard.org

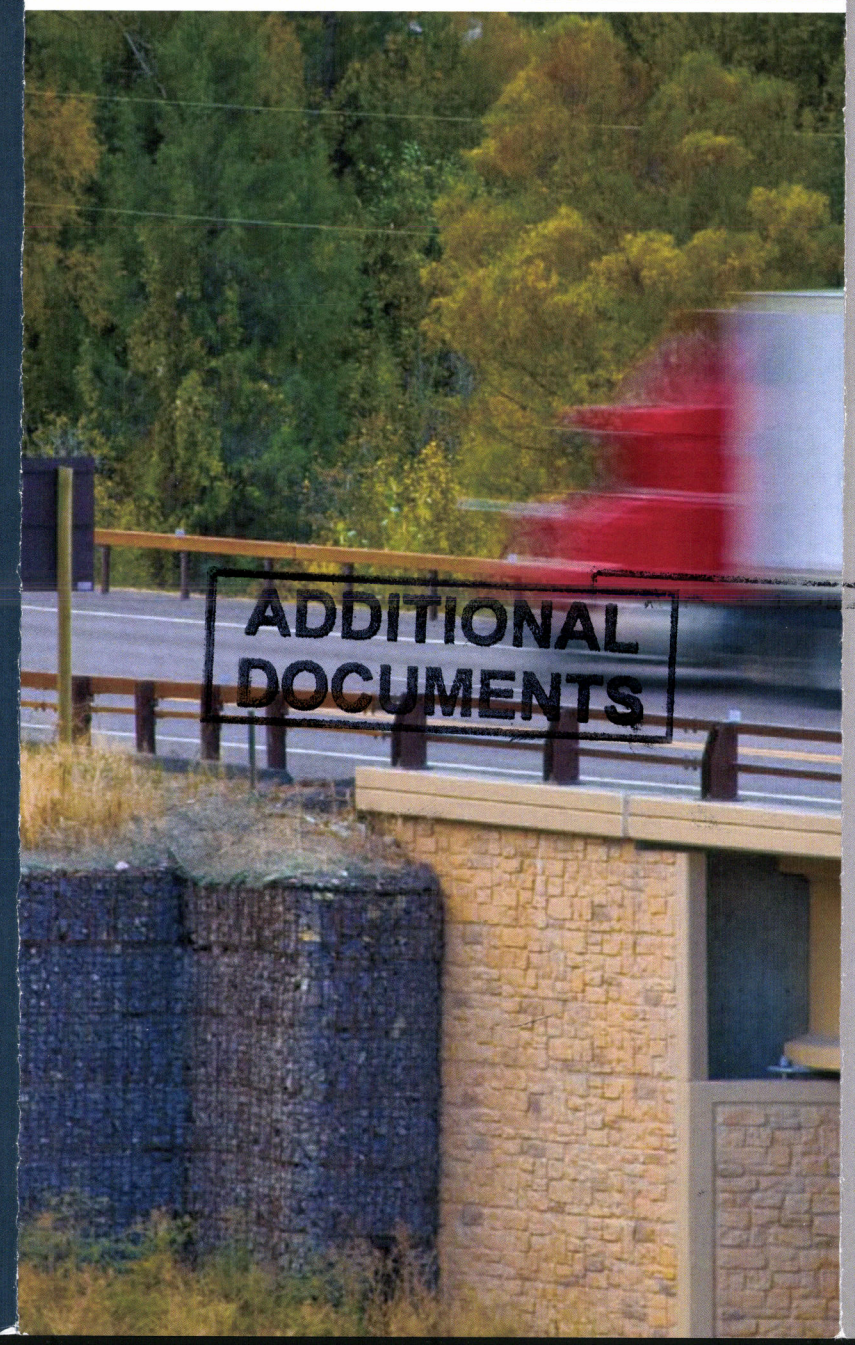
ASCE HEADQUARTERS

1801 Alexander Bell Drive, Reston, VA 20191
www.asce.org



ASCE
MONTANA SECTION

2014 Report Card for MONTANA'S INFRASTRUCTURE



How Is Montana's Infrastructure Doing?

Montana's aging infrastructure is approaching a critical state of disrepair, earning a cumulative grade of C- in this ***2014 Report Card for Montana's Infrastructure***. From neighborhood roads and community schools to safe drinking water, dams that produce energy and prevent flooding to waterways that irrigate fields, this infrastructure is used by all Montana residents and is essential to our economic future. Montana's citizens have an interest in solving our infrastructure problems. Regular maintenance and improvements will keep them running longer and save taxpayers money. This Report Card shows us that better stewardship is needed from our leaders to ensure that public health, safety, economic mobility, and welfare are maintained in the Big Sky State.

Over the course of 2014, the Montana Section of the American Society of Civil Engineers (ASCE) compiled a team of more than 30 civil engineers from the public, private, and non-profit sectors with wide-ranging industry expertise to prepare a school-style report card for Montana's infrastructure. Using a simple A to F grading system, the Report Card takes stock of eight specific infrastructure types in Montana - Dams, Irrigation Canals and Waterways, Drinking Water, Transportation, Schools, Wastewater, Transit, and Solid Waste. Not a day goes by that we each don't rely on these systems to maintain our quality of life.

This Report Card was prepared specifically for Montana's citizens and policy-makers to make sure we all know how our infrastructure is maintained and what condition it's in today. We expect our infrastructure systems to work when we need them, and we hope this Report Card will help us make good decisions about our infrastructure so Montana will remain a viable home for future generations.

While current infrastructure conditions are concerning, we can find solutions. As civil engineers, we are obligated to share our knowledge and provide critical information about Montana's infrastructure deficiencies in a way that everyone understands. We are committed to protecting the health, safety, and welfare of the public, and it is our hope that this Report Card will help build support to address the state's infrastructure needs. **Montana's economy, environment, health, and safety are at stake.**

GRADES

D-	Schools
D+	Wastewater
C-	Dams
C-	Drinking Water
C	Irrigation Canals & Waterways
C	Transportation
C+	Transit
B-	Solid Waste

Montana's GPA: C-

RAISING THE GRADES

4 KEY SOLUTIONS

1. **Have a Plan and Fund For the Future**: All infrastructure owners and operators should create and fund capital replacement plans for both immediate and long-term needs.
2. **Support Federal Programs That Are Good for Montana**: Montana should support federal efforts that provide direct financial assistance to the state for safe and efficient infrastructure, like the Highway Trust Fund and National Dam Safety Program.
3. **Keep Up Infrastructure Education Efforts**: State agencies should continue and encourage participation in education and outreach programs provided to infrastructure owners and operators.
4. **Innovate As We Replace**: Montana should support and encourage innovative solutions to infrastructure funding and capacity-building, including design/build project delivery and measures to increase waste diversion and recycling.

2014 MONTANA INFRASTRUCTURE GRADES

ASCE MONTANA SECTION

D- SCHOOLS

Montana has over 2,000 school buildings that 144,129 students attend. 68% of these schools were built prior to 1970. 40% of Montana's schools have fewer than 50 students, and others range from remote, one-room schoolhouses to larger community schools stretched to capacity. A 2008 assessment reported that $903M was needed to bring all Montana facilities to good condition. A bottom-to-top statewide school facilities review revealed that 66% of schools showed signs of damage and wear, as well as environmental needs such as HVAC, roof, and electrical issues. Recent energy conservation efforts have begun to curb some energy costs. However, available grant funding was not enough to address incomplete exterior wall insulation, a deficiency in 43% of schools, and incomplete roof insulation, a deficiency in 48% of schools. Montana's children deserve safe, healthy schools in which they can focus their efforts on learning.

D+ WASTEWATER

Montana has approximately 180 public wastewater treatment systems. Of those, 20% of the publicly owned wastewater treatment facilities have significant effluent violations and another 20% are under formal enforcement actions to correct system deficiencies to achieve compliance. Many of the collection systems date back to the early 1900s, and some of this original piping has never been replaced. It is not uncommon for the pipelines in originally established areas to have vitrified clay tile pipe that has cracked or failed. The majority of agencies report replacing little or no wastewater piping on an annual basis. Based on the current rate of replacement, it could take 70 to 90 years to replace Montana's water and wastewater infrastructure. Many communities have completed system additions since the 1950s, but over 60% reported a remaining capacity of less than five years. Current estimates to completely replace Montana's entire water and wastewater infrastructure are estimated to range between $12 billion and $15 billion.

C- DAMS

Montana's 3,316 dams hold approximately 34.5 million acre-feet of water, roughly the amount of water it would take to cover the states of Maine, New Hampshire, and Vermont in water one foot deep. Yet Montana averages only 35% of the average dam safety state budget per dam. The majority of Montana's dams were constructed between 1930 and 1970, and many have reached the end of their design life. The overall condition of Montana's dams is difficult to track because 75% do not have periodic engineering inspections and are not required to have operation permits. Overall, dams designated high hazard are in significantly better condition than dams designated low hazard, as they are inspected and routinely maintained. Montana's Dam Safety Program is allocating the limited resources available to the dams that would have the greatest impact on public safety, but as all dams continue to age, the unknown risk and need for maintenance and rehabilitation will continue to increase. Currently, the funding available for dam maintenance and rehabilitation is not adequate to continue to ensure dam safety.

C- DRINKING WATER

Montana has over 5,300 miles of water distribution and transmission piping, a longer stretch than driving roundtrip from Billings to Miami. Montana has approximately 700 public water systems consisting of those in the seven largest cities, about 60 serving communities larger than 1500 people, and the remaining 630 being cities, towns, districts, associations, and private systems. Some systems have piping dating back to the late 1800s and early 1900s, with many systems including pipe that is 75 to 100 years old. Most systems, without regard for size, experience major leaks on an annual basis that waste valuable water. Over 50% reported that the capacity of their distribution system is five years or less. In 2011, the Montana Department of Environmental Quality identified an immediate water system financial need of $885 million. Of the 700 public water systems, more than 1 in 5 are currently not compliant with monitoring requirements and other regulatory requirements.

C IRRIGATION CANALS AND WATERWAYS

Montana has over 2 million acres of irrigated land, an area almost double the size of Glacier National Park. 60% of this irrigated acreage receives some or all of its water needs from a canal supply. Suppliers include 20 State Water Projects, 17 U.S. Bureau of Reclamation facilities, and approximately 246 private irrigation organizations. 32% of owners identified their structures as notably impaired, with more than half reporting impairments due to infrastructure age of greater than 50 years. There is strong support for government facilities, but this is offset with the challenges of non-government facilities that have limited funding resources and a lack of assistance for facility operation. As Montana's irrigation systems continue to age and deteriorate, maintenance and repair demands increase, and operators should act now to better address these looming concerns.

C TRANSPORTATION

Montana has the third highest fatality rate in the nation, with a backlog of transportation projects waiting for available funding. 46% of major roads are in poor to mediocre condition and 40% of gravel roads are in poor or failed condition. These rough roads cost each Montanan approximately $292 to $484 per year in extra maintenance costs depending on their area's roads. 59% of the $60 billion in goods shipped within Montana travel by truck across the state's vast highway infrastructure, further emphasizing the vital role of the Montana transportation network. It is estimated that $14.8 billion is needed to take care of Montana's roadway system and bridges, but projected funding can only meet 25% of those needs. Despite being under funded, the state's highways are in fair to good condition and 92% of the state highway bridges are in good condition, efficiently moving citizens and goods from place to place. The overall lack of adequate funding cripples the effectiveness and lowers the overall rating to a C.

C+ TRANSIT

In Montana, 65 different rail, bus, and van services provide rural and urban transit service; 36 of these are public transit systems. While Montanans who have access to transit have increased their ridership over the past decade, it is estimated that statewide, only 17% of transit needs are being met. Several agencies benefited from over $15 million in Federal recovery investments in 2009, which essentially doubled short-term transit funding in the state, although future maintenance efforts will fall to Montana. 31% of Montana transit agencies responded to a survey that funding levels are "Inadequate" or "Not at All Adequate" to meet future needs. When asked, "What should public transit/public transportation in Montana look like in 20 years?" the single word answer was "more."

B- SOLID WASTE

Of the 1.6 million tons of solid waste generated annually in Montana, approximately 1.3 million tons are landfilled. Since municipal solid waste rules changed in 1993, significant improvements have occurred within Montana's solid waste infrastructure and operations, including a reduction from over 300 facilities statewide to just 31. The state has approximately 38 years of landfill capacity currently permitted. Most of the municipal landfills were either constructed or have received significant upgrades within the last 25 years, providing good to excellent environmental protection. In addition, the support infrastructure, including roads, stormwater controls, and equipment buildings are in relatively good condition. One exception is rural container sites and some transfer facilities, which are generally older and in fair to poor condition, posing significant public safety issues. Montana has improved the percentage of material diverted from its landfills, but needs to continue to make progress towards increasing waste diversion through reuse and recycling. Overall, Montana's solid waste infrastructure is in relatively good condition and solid waste rates are reasonably affordable.