

Missoula City Council

Public Works Committee Agenda

Date: September 23, 2020, 10:30 am - 12:45 pm
Location: ZOOM Webinar
Members: Stacie Anderson, Mirtha Becerra (chair), John P. Contos, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Amber Sherrill, Sandra Vasecka, Bryan von Lossberg, Heidi West

Attend by computer:

[Join the meeting](#)

Attend by phone:

Cell phone users: 1-253-215-8782, 1-213-338-8477, or 1-267-831-0333

Landline users: 1-888-475-4499 or 1-877-853-5257

Webinar ID: 896 1339 8849

Password: 027222, Press *9 to raise your hand to be recognized for public comment

Watch the meeting:

[Web stream \(live or on demand\)](#), [YouTube](#), or Spectrum Cable Channel 190

For more ways to watch the meeting and submit public comment, see the Citizen Participation Guide.

Issues? Call the City Clerk 406-552-6078

Pages

1. ADMINISTRATIVE BUSINESS

1.1 Roll Call

1.2 Approval of the Minutes

1.2.1 9/16/20 Public Works Committee Minutes

1

2. PUBLIC COMMENT

3. COMMITTEE BUSINESS

3.1 Professional Services Agreement Amend. No. 1 with WGM Group, Inc. for the Zip Beverage Water Line Connection Project

Logan McInnis

27

Recommended motion:

Approve and authorize the Mayor to sign a Professional Services Agreement Amendment No. 1 with WGM Group, Inc. for the Zip Beverage Water Line Connection Project at a cost not to exceed \$7,788.00.

3.2	Title 12 Updates	Kevin Slovarp, Monte Sipe	32
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Recommended motion:
Pre-public hearing, informational only.

3.3	Presentation of Revised Missoula City Public Works Standards and Specifications Manual	Jeremy Keene	62
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Recommended motion:
No motion – informational only.

4. ADJOURNMENT

Missoula City Council

Public Works Committee Agenda

Date: September 16, 2020, 12:30 pm - 12:55 pm

Location: To register to attend and/or comment: <https://ci-missoula-mt.zoom.us/calendar/list>
For agenda and related documents: www.ci.missoula.mt.us/webcasts
Webstream live or on demand at: www.ci.missoula.us/webcasts
Watch live on Spectrum Cable Channel 190

Members: Stacie Anderson, Mirtha Becerra (chair), John P. Contos, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Amber Sherrill, Sandra Vasecka, Bryan von Lossberg, Heidi West

Join By Computer: Register for the live webinar to listen in and/or comment during the live meeting:

<https://ci-missoula-mt.zoom.us/calendar/list> or <https://missoulapublicmeetings.com>

Join By Phone: Cell phone users: 1-253-215-8782, 1-213-338-8477, 1-267-831-0333; Landline users: 1-888-475-4499, 1-877-853-5257 Webinar ID: 857 9048 2312 Password: 027222

For more ways to watch the meeting and submit public comment, see the Citizen Participation Guide. Issues? Call the City Clerk 406-552-6078.

Pages

1. ADMINISTRATIVE BUSINESS

1.1 Roll Call

1.2 Approval of the Minutes

1.2.1 Public Works Committee 08/26/20 Minutes

1

2. PUBLIC COMMENT

3. COMMITTEE BUSINESS

3.1 Reappointments to the Bicycle and Pedestrian Advisory Board

John Engen

3

Recommended motion:

Confirm the Mayor's reappointments of James Walter and Ryan Bundy to the Bicycle and Pedestrian Advisory Board for terms beginning October 1, 2020 and expiring on September 30, 2023.

3.2 Surplus Resolution

Scot Colwell

8

Recommended motion:

Approve a resolution declaring certain City of Missoula Property as Surplus and Authorizing its disposal and or sale.

Recommended motion:

I move the City Council: Adopt a resolution requesting that MDT distribute the City of Missoula's 2020 allocated share of Bridge and Road Safety and Accountability Act (BaRSAA) Program funds, committing to the City's contribution of five percent in matching funds, and authorizing the Mayor to execute further documents as may be necessary for the distribution of funds.

4. ADJOURNMENT

Missoula City Council Public Works Committee Minutes

August 26, 2020, 11:20 am

To register to attend and/or comment: <https://ci-missoula-mt.zoom.us/calendar/list>

For agenda and related documents: www.ci.missoula.mt.us/webcasts

Webstream live or on demand at: www.ci.missoula.us/webcasts

Watch live on Spectrum Cable Channel 190

Members present: Stacie Anderson, Mirtha Becerra (chair), John P. Contos, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Amber Sherrill, Sandra Vasecka, Bryan von Lossberg, Heidi West

Others present: Eric Andersen, Matts Larson

1. ADMINISTRATIVE BUSINESS

1.1 Roll Call

1.2 Approval of the Minutes

1.2.1 Minutes from Public Works Committee 08/12/20

The minutes were approved as submitted.

1.2.2 Minutes from Public Works Committee 8/19/20

The minutes were approved as submitted.

2. PUBLIC COMMENT

Mr. Matts Larson was admitted to the meeting to add public comment. Mr. Larson expressed his frustration and anger at having asked six weeks ago for the fiscal year 2021 estimated legal fees or current total legal fees for the Water Department and having still received no response from the City.

3. COMMITTEE BUSINESS

3.1 Street Name Change – Private Drive to Collective Way

Eric Andersen, GIS Analyst, presenting

Emergency services general rule is if there are 3 or more lots, buildings or services off a road, the road should have a name.

The road in question is internal on private property but did not get named when the plat was originally recorded. According to state law, only the City Council can approve a road name change after the plat is recorded.

Mr. Andersen has spoken to all four surrounding land owners and all have signed off on the new name of Collective Way.

There were no questions from committee members.

Moved by: Jesse Ramos

Adopt a Resolution to change the previously unnamed street to Collective Way.

AYES: (11): Stacie Anderson, Mirtha Becerra, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Amber Sherrill, Sandra Vasecka, Bryan von Lossberg, and Heidi West

ABSTAIN: (1): John Contos

Vote results: Approved (11 to 0)

4. ADJOURNMENT

The meeting adjourned at 11:32AM



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Reappointments to the Bicycle and Pedestrian Advisory Board

Date: September 14, 2020

Sponsor(s): John Engen

Prepared by: Heidi Bakula

Ward(s) Affected:

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
	<input checked="" type="checkbox"/> N/A

Action Required:
Confirm Mayor's Appointment.

Recommended Motion(s):
I move the City Council:

Confirm the Mayor's reappointments of James Walter and Ryan Bundy to the Bicycle and Pedestrian Advisory Board for terms beginning October 1, 2020 and expiring on September 30, 2023.

Timeline:

Referral to committee:	September 14, 2020
Committee discussion:	September 16, 2020
Council acts to set hearing:	NA
Public Hearing:	NA
Deadline:	NA

Background and Alternatives Explored: None.

Financial Implications: None.

Links to external websites: None.

Application Form -- Bicycle and Pedestrian Advisory Board

10/16/2019

Ryan Bundy
ryan.bundy@gmail.com
(406) 529-0270

In which ward do you reside? 3

Applicant Background

Are you a citizen of the United States of America? Yes
Are you a registered voter? Yes
How long immediately prior to this date have you been continuously a legal resident of the City of Missoula? 6 years
How long immediately prior to this date have you been continuously a legal resident of the State of Montana? 6 years

Current Occupation: architectural designer / project manager
Current Employer: MMW Architects

Briefly describe your educational background: Masters in Architecture

List of community service experience: Served on the Board of MUD, Missoula Urban Demonstration project 2013 - 2017

What is your interest in serving on this board, commission, or committee? As a person working in the architecture and construction world, and being a daily alternative transportation commuter, I have unique insight and passion for our city's urban planning efforts, especially as it relates to trail infrastructure and improving transportation options as the cities grows.

Do you have any special knowledge, interest, or experience that would qualify you for a position on this board, commission, or committee? see above.

References

Colin Woodrow
(406) 552-8303

Lucas Dupuis
(406) 880-1126

Application Form -- Bicycle and Pedestrian Advisory Board

James Walter
Bamaorganics@gmail.com
(334) 201-8104

In which ward do you reside? 4

Applicant Background

Are you a citizen of the United States of America? Yes

Are you a registered voter? Yes

How long immediately prior to this date have you been continuously a legal resident of the City of Missoula? 1.5 yrs

How long immediately prior to this date have you been continuously a legal resident of the State of Montana? 1.5 yrs

Current Occupation: stay at home father / independent metal fabricator

Current Employer: self employed

Briefly describe your educational background: Industrial welding and metal fabrication training and career in the field for over a decade

List of community service experience: Actively participate in Environmental organizations and Board member of local Bicycle non-profit (Pedal Missoula)

What is your interest in serving on this board, commission, or committee? I believe it is in the interest of our community to expand the opportunities to travel by bicycle off road, to make urban adjacent commuting safer and healthier.

Do you have any special knowledge, interest, or experience that would qualify you for a position on this board, commission, or committee? I have traveled most every accessible trail surrounding the city and often times taken my kids with me. I always commute to our recreational areas by bicycle and see many areas of possible improvement. I have lived in two different wards and experienced the negative and positive aspects of cycling throughout the city from them.

References

Toffer Lehnerr
(206) 409-3058

Ben Horan
(406) 351-0069

James Walter

Pedestrian Advisory Board
33 yr old father of two kids
Welding/metal fabrication
By trade

James Walter

334 201 8104

Bamaorganics@gmail.com

Non motorized activities

Cycle commuting with 2yr old and 4yr old

Mountain biking

Biking to hike with kids

Gravel cycling

Biking to parks with kids

Bikepacking

Family grocery shopping with cargo trailer

Bicycle bow hunting

Running greenway trails with kids.

Bike fly fishing

Advocacy

Pedal Missoula

Board member / treasurer

- Organize community cycling events to boost community engagement
- Participate in long-term planning and organizational strategy

Mtb Missoula

Annual family member/ supporter

- Work on volunteer trail crews to clean and maintain local single track
- Participate in local fundraising events.

Free Cycles Missoula

Volunteer and patron

- Built display system for showroom with recycled bike parts
- Participate in group bicycle rides with staff and community members

Soil Cycle

Volunteer and patron

- Bike finished compost to Soil Cycle subscribers throughout Missoula
- Attend community fundraising events

Whether I am dropping my son at pre-k, joining my friends for a morning cup of coffee, or traveling deep into the Rattlesnake to hunt, I am almost always traveling by bicycle. I envision a Missoula where mountain bikers can easily move from urban space to trailheads to wild places and back again. As an

advisory board member, I hope to promote innovative urban singletrack development, as well as cycling connectivity to local open space.



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Surplus Resolution

Date: September 2, 2020

Sponsor(s): Scot Colwell

Prepared by: Scot Colwell

Ward(s) Affected:

- | | |
|---|---------------------------------|
| <input type="checkbox"/> Ward 1 | <input type="checkbox"/> Ward 4 |
| <input type="checkbox"/> Ward 2 | <input type="checkbox"/> Ward 5 |
| <input type="checkbox"/> Ward 3 | <input type="checkbox"/> Ward 6 |
| <input checked="" type="checkbox"/> All Wards | <input type="checkbox"/> N/A |

Action Required:

Please approve a resolution declaring certain City of Missoula Property as Surplus and Authorizing its disposal and or sale. Please see attached surplus resolution.

Recommended Motion(s):

I move the City Council: Approve a resolution declaring certain City of Missoula Property as Surplus and Authorizing its disposal and or sale.

Timeline:

Referral to committee:	September 14, 2020
Committee discussion:	September 16, 2020
Council action (or sets hearing):	N/A
Public Hearing:	N/A
Deadline:	N/A

Background and Alternatives Explored:

The items on the resolution have served their useful life for the City of Missoula's purposes and needs and are no longer being used or operated by the City or have become too costly to operate and maintain.

Financial Implications:

As a way of partnering with community organizations two vehicles from the resolution list will be donated to the Missoula non-profit, Missoula Works. The two vehicles that will be donated will be units 587 and 234 on the resolution list. All other items determined to have value will be sold at auction. Any items that cannot be sold at auction will be sold for scrap or salvage value. Any items that have no scrap or salvage value will be disposed of properly and in compliance with EPA standards. All proceeds from the sale of surplus properties will be returned to the purchasing fund. Proceeds from items purchased with General Fund money will be returned to the General Fund. Proceeds purchased with money from Wastewater Treatment, Parking Commission, or

other enterprise funds will be returned to that corresponding fund. Note CMAQ and MACI equipment must meet the contract requirement to be put in a special fund to be used for air quality purchases.

Links to external websites:

RESOLUTION NUMBER _____

A RESOLUTION OF THE CITY COUNCIL DECLARING CERTAIN CITY OF MISSOULA PROPERTY AS SURPLUS AND AUTHORIZING ITS DISPOSAL.

WHEREAS, the following items of City owned property have served their useful life for the City of Missoula's purposes and needs and are no longer being used or operated by the City; and

WHEREAS, the City does not anticipate using or operating said property at any time in the future; and

WHEREAS, Section 7-8-4201, M.C.A.(2011) provides that:

7-8-4201. Disposal or lease of municipal property.

(1) Subject to the provisions of subsection (2) the city or town council may sell, dispose of, donate, or lease any property belonging to the city or town.

(2) (a) Except for property described in subsection (3), the lease, donation, or transfer must be made by an ordinance or resolution passed by a two-thirds vote of all the members of the council.

(b) Except for property acquired by tax deed or property described in subsection (3), if the property is held in trust for a specific purpose, the sale or lease must be approved by a majority vote of the electors of the municipality voting at an election called for that purpose. The election must be held in conjunction with a regular or primary election.

(3) If a city or town owns property containing a historically significant building or monument, the city or town may sell or give the property to nonprofit organizations or groups that agree to restore or preserve the property. The contract for the transfer of the property must contain a provision that:

(a) requires the property to be preserved in its present or restored state upon any subsequent transfer; and

(b) provides for the reversion of the property to the city or town for noncompliance with conditions attached to the transfer.

(4) This section may not be construed to abrogate the power of the board of park commissioners to lease all lands owned by the city that were acquired for parks within the limitations prescribed by [7-16-4223](#).

(5) A city or town may donate land or sell the land at a reduced price to a corporation for the purpose of constructing:

(a) a multifamily housing development operated by the corporation for low-income housing;

(b) single-family houses. Upon completion of a house, the corporation shall sell the property to a low-income person who meets the eligibility requirements of the corporation. Once the sale is completed, the property becomes subject to taxation.

(c) improvements to real property or modifying, altering, or repairing improvements to real property that will enable the corporation, subject to the restrictions of Article X, section 6, of the Montana constitution, to pursue purposes specified in the articles of incorporation of the corporation, including the sale, lease, rental, or other use of the donated land and improvements.

(6) Land that is transferred pursuant to subsection (5) must be used to permanently provide low-income housing. The transfer of the property may contain a reversionary clause to reflect this condition.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MISSOULA, MONTANA, that the following City property is approved for sale, lease, transfer or disposal:

<u>Unit</u>				
<u>Number</u>	<u>FAM</u>	<u>Description</u>	<u>Serial Number</u>	<u>Department</u>
14	6642	1996 Chevy Lumina Van	1GN DU06E4TT114196	Police
18	8175	2004 Nissan Sentra	3N1CB51D04L893045	Police
21	8141	2006 Nissan Titan	1N6AA06BX6N512075	Police
42	6684	2005 Ford Expedition	1FMPU16585LA67054	Police
43	9622	2014 Dodge Charger	2C3CDXAT9EH187278	Police
45	9621	2014 Dodge Charger	2C3CDXAT5EH187276	Police
46	8148	2010 Dodge Charger	2B3AA4CT4AH182119	Police
51	8123	2013 Dodge Charger	2C3CDXAT0DH537850	Police
52	8128	2013 Dodge Charger	2C3CDXAT8DH537854	Police
63	8126	2013 Dodge Charger	2C3CDXAT2DH537848	Police
70	9616	2014 Dodge Charger	2C3CDXAT7EH187277	Police
71	9615	2014 Dodge Charger	2C3CDXAT7EH187280	Police
72	9614	2014 Dodge Charger	2C3CDXAT9EH187281	Police
73	9599	2014 Dodge Charger	2C3CDXAT0EH187279	Police
80	9851	2014 Dodge Charger	2C3CDXKT6EH371463	Police
84	9855	2014 Dodge Charger	2C3CDXKT4EH371462	Police
90	5539	1990 Chevy 1 ton	1GCKP32N8L3322841	Police
121	6022	2002 International Vactor	1HTGGAET82H535247	Streets
123	1285	1982 CAT 120 Grader	61M09963	Streets
175	7327	1996 Ford CA 8000	1FDYH81E9TVA28953	Streets
213	7002	1996 Dodge Ram 1500	1B7HC16X5TS582089	Parks
234	4388	1993 Chevy 1500	1GCEK14Z4PE150219	Parks
252	8083	1998 Mitsubishi Minicab	U42T0514745	Parks
253	8084	2000 Honda ACTY	HA71115739	Parks
255	8085	1996 Mitsubishi Minicab	U42T0422026	Parks
286	8003	Toro 580 D 16' mower	260000133	Parks
296	8055	1999 Dodge 1500	1B7HC16Y4XS305030	Parks
450	10210	2007 Chevy Van	1GNHG31U071118754	Water
465	10225	2002 Ford F350	1FDSX35S22EB02160	Water
562	N/A	2000 John Deer JDF1145	M01145X180371	Sign
563	N/A	2004 Artic Cat 400	4UFO4ATV24T204734	Sign
586	4171	1984 Hyster MH140XL	A177B8135E	Sign
587	6601	2002 Chevy 1500	2GCEK19V321211818	Sign
633	4289	1982 John Deer 544C	406795	Cemetery
651	1971	1971 Leroi Air Compressor	203382	Cemetery
810	N/A	1999 Dodge Grand Caravan	2B4G924G1XR193446	IT

1271	9590	2012 Honda ST1300 PA	JH2SC5150CK000006	Police
1276	9592	2012 Honda ST1300 PA	JH2SC5152CK000007	Police
1367	8170	2008 Honda ST1300 PA	JH2SC51777M500076	Police
B223	N/A	2010 Stihl BR600 Blower	502121857	Parks
B254	N/A	2008 Stihl BG55 Blower	268117304	Parks
M202	N/A	2010 Husqvarna 7021R	062210M016866	Parks
M205	N/A	2010 Husqvarna 7021R	052510M015705	Parks
RT210	N/A	2012 Honda FG110	FAAA-1359393	Parks
SB5	N/A	1998 BCS	105541	Sign
WE175	N/A	2001 Troy built	52058-1201948	Parks
N/A	N/A	Chevy 1500		Water
N/A	N/A	Tire Spreader		Fleet
N/A	2911	16" lodge and Shipley Lathe		Fleet

AND BE IT FURTHER RESOLVED BY THE COUNCIL OF THE SAID CITY OF MISSOULA, MONTANA, that if any property is sold to other than a county or political subdivision, bids will be taken pursuant to 7-5-4307 MCA;

AND BE IT FURTHER RESOLVED BY THE COUNCIL OF THE SAID CITY OF MISSOULA, MONTANA, that if any property is sold or transferred to a county or political subdivision, the sale or transfer shall be subject to provisions of Section 7-8-101 MCA.

PASSED AND ADOPTED this _____ day of _____, 2017

ATTEST:

APPROVED:

Martha L. Rehbein
City Clerk

John Engen
Mayor

(SEAL)



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Resolution Requesting Distribution of Funds from MDT's Bridge and Road Safety and Accountability (BaRSAA) Program

Date: September 10, 2020

Sponsor(s): Brian Hensel and Jeremy Keene

Prepared by: Katie Emery

Ward(s) Affected:

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input checked="" type="checkbox"/> All Wards	<input type="checkbox"/> N/A

Action Required:

Adopt a resolution requesting funds from the Montana Department of Transportation's (MDT) Bridge and Road Safety and Accountability Program (BaRSAA), committing to the contribution of matching funds, and authorizing the Mayor to execute further documents as may be necessary for the distribution of funds.

Recommended Motion(s):

I move the City Council: Adopt a resolution requesting that MDT distribute the City of Missoula's 2020 allocated share of Bridge and Road Safety and Accountability Act (BaRSAA) Program funds, committing to the City's contribution of five percent in matching funds, and authorizing the Mayor to execute further documents as may be necessary for the distribution of funds.

Timeline:

Referral to committee:	September 14, 2020
Committee discussion:	September 16, 2020
Council action (or sets hearing):	September 21, 2020
Public Hearing:	N/A
Deadline:	N/A

Background and Alternatives Explored:

This resolution has been prepared in accordance with MDT's policies for the distribution of BaRSAA funds. A copy of the guidance memo prepared by the Montana League of Cities and Towns is attached. The program enables local governments to leverage five percent in matching funds against state gas tax dollars for local roadway improvements.

Funds have been allocated to the City of Missoula for 2020 in the amount of \$1,277,511.16. Staff recommends \$250,815 of those funds be directed to the improvement projects completed in FY2020, shown in Appendix A of the proposed resolution, and \$1,026,696.16 of those funds be directed to the improvement projects to be completed in FY2021, shown in Appendix B of the proposed resolution. In addition, \$13,646.72 from the 2019 BaRSAA disbursement were allocated to projects shown in Appendix C. These funds were left over from the Van Buren Ave. at Missoula Ave. Roadway Approach Improvement Project, which came in under budget. MDT requires that City Council reallocate these funds through a resolution.

Financial Implications:

Matching funds will be provided as described in Appendices A, B, and C of the resolution.

Links to external websites:

N/A

RESOLUTION NUMBER ____

**A RESOLUTION REQUESTING DISTRIBUTION OF
BRIDGE AND ROAD SAFETY AND ACCOUNTABILITY PROGRAM FUNDS**

WHEREAS, the Bridge and Road Safety and Accountability Account created by HB 473 requires the Montana Department of Transportation to allocate accrued funds to cities, towns, counties, and consolidated city-county governments for construction, reconstruction, maintenance, and repair of rural roads, city or town streets and alleys, bridges, or roads and streets that the city, town, county, or consolidated city-county government has the responsibility to maintain; and,

WHEREAS, a city, town, county, or consolidated city-county government that requests funds under the Bridge and Road Safety and Accountability Account must match each \$20 requested with \$1 of local government matching funds; and,

WHEREAS, a city, town, county, or consolidated city-county government requesting distribution of allocated funds may make such a request to the Department of Transportation between March 1 and November 1 of the year the funds were allocated; and,

WHEREAS, the City would also like to request distribution of its 2020 BaRSAA allocation from MDT; and

WHEREAS, a description of the projects to be funded as well as the sources of the 5 percent local match are detailed in Appendices A and B; and

WHEREAS, the City of Missoula's 2019 BaRSAA funds were distributed to the City in May 2019 in accordance with Missoula Resolution 8335; and

WHEREAS, the Van Buren Ave. at Missoula Ave. Roadway Approach Improvement Project detailed in Resolution 8335 was completed but came in under budget; therefore, the City did not expend all of the BaRSAA funds allocated to the project; and

WHEREAS, the City would like to reallocate the remaining funds to the projects shown in Appendix C in the amount of \$13,646.72.

THEREFORE, NOW BE IT RESOLVED THAT:

1. City of Missoula requests distribution of its \$1,277,511.16 allocated share of 2020 Bridge and Road Safety and Accountability funds to be used for the projects identified in Appendices A and B.
2. City of Missoula requests reallocation of \$13,646.72 of its allocated share of 2019 Bridge and Road Safety and Accountability funds to be used for the projects shown in Appendix C.
3. That John Engen, the Mayor of the City of Missoula, is hereby empowered and authorized to execute such further documents as may be necessary to facilitate the distribution of said funds.

PASSED AND ADOPTED this ____ day of _____, 2020.

ATTEST:

Martha L. Rehbein, CMC
City Clerk

(SEAL)

APPROVED:

John Engen
Mayor

Appendix A

The City of Missoula's distribution and matching dollars for Bridge and Road Safety and Accountability Program Funds during the 2020 construction season will be as follows:

Street Chip Seal Projects	Requested BaRSAA Funds	5% Match	Local Match Source
Garfield St. – S. 3 rd St. W. to Mount Ave.	\$18,418	\$921	Road District
Great Northern Ave. – W. Broadway to Mullan Rd.	\$25,731	\$1,287	Road District
England Blvd. – Reserve St. to Grizzly Ct.	\$5,756	\$288	Road District
Fort Missoula Rd. – Sgt. Sanders St. to Reserve St.	\$17,644	\$882	Road District
Fort Missoula Regional Park	\$7,356	\$368	Road District
Shaver Dr. – Lower Miller Creek Rd. to Jeff Dr.	\$16,147	\$807	Road District
Benton Ave. – Russell St. to Brooks St.	\$5,116	\$256	Road District
Gerald Ave. – S. 6 th St. E. to Daly Ave.	\$4,539	\$227	Road District
Expressway – Reserve St. to Grizzly Ct.	\$54,751	\$2,738	Road District
Grizzly Ct. – Expressway to End of Street	\$3,048	\$152	Road District
E. Harrier – Airway Blvd. to Cul-de-sac	\$5,353	\$268	Road District
W. Harrier – Airway Blvd. to Expressway	\$14,892	\$745	Road District
Trumpeter Ct. – Expressway to End of Street	\$3,633	\$182	Road District
Trumpeter Wy. – Expressway to W. Harrier	\$4,191	\$210	Road District
Curlew Ct. – Expressway to End of Street	\$3,543	\$177	Road District
Momont Rd. – Expressway to Industrial Rd.	\$4,804	\$240	Road District
Alloy South – Expressway to Industrial Rd.	\$4,492	\$225	Road District
Sandpiper Dr. – Expressway to Expressway	\$11,929	\$596	Road District
Kestrel Dr. – Tanager Wy. to Expressway	\$11,107	\$555	Road District

Street Chip Seal Projects	Requested BaRSAA Funds	5% Match	Local Match Source
S. 14 th St. W. – Eaton St. to Reserve St.	\$6,194	\$310	Road District
Stoddard St. – Scott St. to Milton St.	\$3,654	\$183	Road District
Defoe St. – Worden Ave. to Waverly St.	\$7,463	\$373	Road District
W. Kent Ave. – Bancroft St. to Park St.	\$6,639	\$332	Road District
<hr/>			
Total Request	\$250,815	\$12,541	

Appendix B

The City of Missoula's distribution and matching dollars for Bridge and Road Safety and Accountability Program Funds during the 2021 construction season will be as follows:

Projects	Requested BaRSAA Funds	5% Match	Local Match Source
Street Chip Seal Projects			
Canyon River Rd. – Entire Street	\$17,368	\$868	Road District
Anglers Bend Wy. – Entire Street	\$26,354	\$1,318	Road District
Bandmann Trl. – Entire Street	\$11,046	\$552	Road District
Cahill Rise – Entire Street	\$7,631	\$382	Road District
Deer Creek Rd. – Bridge to South of I-90	\$15,873	\$794	Road District
Potter Park Lp. – Entire North/South Section	\$6,072	\$304	Road District
Wilkie St. – Entire Street	\$4,929	\$246	Road District
Wheeler Dr. – Entire Street	\$6,285	\$314	Road District
Ryman St. – Broadway to W. Railroad St.	\$8,138	\$407	Road District
Woody St. – Broadway to W. Railroad St.	\$6,581	\$329	Road District
N. Higgins Ave. – Broadway to W. Railroad St.	\$9,433	\$472	Road District
Van Buren/Rattlesnake Dr. – North of Roundabout to Herbert St.	\$22,007	\$1,100	Road District
Grant St. – Brooks St. to Alley North of 34 th St.	\$6,857	\$343	Road District
Dore Ln. – Brookes St. to 39 th St.	\$5,030	\$252	Road District
S. 7th St. W. – Kemp St. to Reserve St..	\$6,767	\$338	Road District
Margaret St. – S. 14 th St. W. to South Ave. W.	\$9,775	\$489	Road District
Kemp St. – S. 14 th St. W. to South Ave. W.	\$11,131	\$557	Road District
W. Kent St. – Reserve St. to Johnson St.	\$11,172	\$559	Road District

Projects	Requested BaRSAA Funds	5% Match	Local Match Source
Strand Ave. – Margaret St. to East of Grant St.	\$10,415	\$521	Road District
Kensington Ave. – Margaret St. to East of Grant St.	\$11,933	\$597	Road District
Burlington Ave. – Clark St. to East of Grant St.	\$11,990	\$600	Road District
North Ave. – Johnson St. to Reserve St.	\$11,841	\$592	Road District
South Ave. – Higgins Ave. to Maurice Ave.	\$11,600	\$580	Road District
Street Mill & Overlay Projects			
C.S. Porter School – North Ave., 26 th St., Central Ave.	\$51,535	\$2,577	Road District
Missoula Ave. – Van Buren to Lolo St.	\$58,252	\$2,913	Road District
Ben Hogan Dr. – Broadview Pl. to Highland Park Dr.	\$45,243	\$2,262	Road District
High Park Wy. – 39 th St. to Simons Dr.	\$54,505	\$2,725	Road District
Other Improvement Projects			
Westside Area Mobility	\$171,936	\$8,597	Road District
Mullan Road Reconstruction	\$165,000	\$8,250	Developers
Burton	\$50,000	\$2,500	MRA/TIF
Russell/Fairgrounds	\$60,000	\$3,000	Grants, Fairgrounds, Transit
Ivy/Franklin	\$70,000	\$3,500	Road District, SID
Maple	\$50,000	\$2,500	Road District
<hr/>			
Total Request	\$1,026,696.16	\$38,823.56	

Appendix C

The City of Missoula's distribution and matching dollars for Bridge and Road Safety and Accountability Program Funds during the 2020 construction season will be as follows:

Street Chip Seal Projects	Requested BaRSAA Funds	5% Match	Local Match Source
Industrial Rd.	\$12,126.00	\$607.00	Road District
Kestral Ct.	\$1,520.72	\$76.00	Road District
	<hr/> \$13,646.72	<hr/> \$683.00	

RESOLUTION NUMBER 8335

A RESOLUTION REQUESTING DISTRIBUTION OF BRIDGE AND ROAD SAFETY AND ACCOUNTABILITY PROGRAM FUNDS

WHEREAS, the Bridge and Road Safety and Accountability Account created by HB 473 requires the Montana Department of Transportation to allocate accrued funds to cities, towns, counties, and consolidated city-county governments for construction, reconstruction, maintenance, and repair of rural roads, city or town streets and alleys, bridges, or roads and streets that the city, town, county, or consolidated city-county government has the responsibility to maintain; and,

WHEREAS, a city, town, county, or consolidated city-county government that requests funds under the Bridge and Road Safety and Accountability Account must match each \$20 requested with \$1 of local government matching funds; and,

WHEREAS, a city, town, county, or consolidated city-county government requesting distribution of allocated funds may make such a request to the Department of Transportation between March 1 and November 1 of the year the funds were allocated; and,

WHEREAS, a description of the projects to be funded (or the money used to match federal funds) are detailed in Appendix A; and,

WHEREAS, the 5% local match for the allocated funds has been budgeted in the following amounts as listed below, for a total match of \$39,760.00.

- \$10,000.00 for asphalt repair on 5th and 6th Streets—Higgins Ave. to Russell St. from Road District,
- \$2,480.00 for mill and overlay work on 23rd St.—55th to Hillview Way and 55th St.—23rd St. to Hillview Way from Road District #1,
- \$1,575.00 for chip and seal work on Benton St.—Russell St. to Belview Dr. from Road District,
- \$3,138.00 for mill and overlay work on England Blvd.—Reserve St. to Great Northern Ave. from Road District,
- \$2,256.00 for mill and overlay work on Garfield St.—S. 4th St. to S. 14th St. from Road District,
- \$921.00 for mill and overlay work on Great Northern Ave.—W. Broadway to American Way from Road District,
- \$324.00 for mill and overlay work on Greenough Dr.—Vine St. through I-90 Underpass from Road District,
- \$485.00 for mill and overlay work in the driving lanes on Jaiden Ln.—Scott Allen Dr. to 5000 Jaiden Ln. from Road District,
- \$1,185.00 for street reconstruction on Kensington Ave./Margaret St./Eaton St. from Road District,
- \$499.00 for chip and seal work in driving lanes on Martinwood Rd./Old Pond Rd./Mountain View Dr. from Road District,
- \$2,397.00 for mill and overlay work on Mainview Dr.—Hillview Way to 5030 Skyview Dr. from Road District,

- \$1,250.00 for a safety improvement project on Orange St. and Stephens Ave. from City Engineering Operating Budget,
- \$2,500.00 for a roadway approach improvement project on Van Buren Ave. at Missoula Ave. from City Engineering Operating Budget, and
- \$10,750.00 for a pavement installation project on Waterworks Hill from the Water Fund.

THEREFORE, NOW BE IT RESOLVED THAT:

1. City of Missoula requests distribution of its \$795,202.00 allocated share of Bridge and Road Safety and Accountability funds to be used for the projects identified in Appendix A.
2. That John Engen, the Mayor of the City of Missoula, is hereby empowered and authorized to execute such further documents as may be necessary to facilitate the distribution of said funds.

PASSED AND ADOPTED this 6th day of May, 2019.

ATTEST:

/s/ Martha L. Rehbein

Martha L. Rehbein, CMC
City Clerk

(SEAL)

APPROVED:

/s/ John Engen

John Engen
Mayor

Appendix A

The City of Missoula's distribution and matching dollars for Bridge and Road Safety and Accountability Program Funds during the 2019 construction season will be as follows:

Project	Requested BaRSAA Funds	5% Match	Local Match Source
5 th and 6 th Streets—Higgins Ave. to Russell St. Asphalt Repair Project	\$200,000.00	\$10,000.00	Road District
23 rd St.—55 th to Hillview Way and 55 th St.—23 rd St. to Hillview Way Mill and Overlay Project	\$49,600.00	\$2,480.00	Road District
Benton St.—Russell St. to Belview Dr. Chip and Seal Project	\$31,505.00	\$1,575.00	Road District
England Blvd.—Reserve St. to Great Northern Ave. Mill and Overlay Project	\$62,762.00	\$3,138.00	Road District
Garfield St.—S. 4 th St. to S. 14 th St. Mill and Overlay Project	\$45,117.00	\$2,256.00	Road District
Great Northern Ave.—W. Broadway to American Way Mill and Overlay Project	\$18,425.00	\$921.00	Road District
Greenough Dr.—Vine St. through I-90 Underpass Mill and Overlay Project	\$6,474.00	\$324.00	Road District
Jaiden Ln.—Scott Allen Dr. to 5000 Jaiden Ln (driving lanes) Mill and Overlay Project	\$9,690.00	\$485.00	Road District
Kensington Ave./Margaret St./Eaton St. Street Reconstruction Project	\$23,708.00	\$1,185.00	Road District
Martinwood Rd./Old Pond Rd./Mountain View Dr. Chip and Seal Project (driving lanes)	\$9,976.00	\$499.00	Road District
Mainview Dr.—Hillview Way to 5030 Skyview Dr. Mill and Overlay Project	\$47,945.00	\$2,397.00	Road District
Orange St. and Stephens Ave.— Safety Improvement Project	\$25,000.00	\$1,250.00	City Engineering Operating Budget
Van Buren Ave. at Missoula Ave. Roadway Approach Improvement Project	\$50,000.00	\$2,500.00	City Engineering Operating Budget
Waterworks Hill Pavement Project	\$215,000.00	\$10,750.00	Water Fund
Total Request	\$795,202.00	\$39,760.00	



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Professional Services Agreement Amend. No. 1 with WGM Group, Inc. for the Zip Beverage Water Line Connection Project

Date: September 17, 2020

Sponsor(s): Logan McInnis

Prepared by: Katie Emery

Ward(s) Affected:

<input checked="" type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input type="checkbox"/> All Wards	<input type="checkbox"/> N/A

Action Required:

Sign a contract amendment with WGM for the Zip Beverage Water Line Connection Project.

Recommended Motion(s):

I move the City Council: Approve and authorize the Mayor to sign a Professional Services Agreement Amendment No. 1 with WGM Group, Inc. for the Zip Beverage Water Line Connection Project at a cost not to exceed \$7,788.00.

Timeline:

Referral to committee:	September 21, 2020
Committee discussion:	September 23, 2020
Council action (or sets hearing):	September 28, 2020
Public Hearing:	N/A
Deadline:	N/A

Background and Alternatives Explored:

The Professional Services Agreement with WGM Group, Inc. was signed on October 29, 2019 for a cost of \$3,975.00. Due to unexpected costs related to sampling and materials inspection, WGM Group, Inc. needs to increase the project amount by \$3,813.00 for a total cost of \$7,788.00.

Financial Implications:

\$7,788.00 from the Water Enterprise Fund

Links to external websites:

N/A

AMENDMENT No. 1 TO PROFESSIONAL SERVICES AGREEMENT

Zip Beverage Water Line Connection Project

THIS PROFESSIONAL SERVICES AGREEMENT AMENDMENT NO. 1 is made and entered into this 17th day of September, 2020, by and between the **CITY OF MISSOULA, MONTANA**, a municipal corporation organized and existing under the laws of the State of Montana, 435 Ryman, Missoula, Montana 59802, hereinafter referred to as “City,” and WGM Group, Inc., 1111 E. Broadway Street, Missoula, Montana 59802, hereinafter referred to as “Consultant.”

Recitals

1. On October 29, 2019, the above parties entered into an agreement whereby the Consultant agreed to perform work and services consisting of project management and client coordination, soil management and construction work plan, and water line installation oversight on the Zip Beverage Water Line Connection Project for which the City agreed to pay the amount of Three Thousand, Nine Hundred Seventy-Five Dollars (\$3,975.00), herein referred to as “Agreement.”
2. Since the execution of the Agreement, the parties desire to amend it as set forth in this Professional Services Agreement Amendment to include time to sample and analyze leftover fill material at a cost not to exceed Three Thousand, Eight Hundred Thirteen Dollars (\$3,813.00) for the additional work. This brings the Agreement total to \$7,788.00.
3. Provisions of the original contract dated October 29, 2019, that are not amended herein remain in full force and effect.

Amendment

In consideration of the mutual covenants and agreements herein contained, the receipt and sufficiency whereof being hereby acknowledged, the parties hereto agree to amend the Agreement as follows:

1. Paragraph 3, **Scope of Work/Task Deadlines**, is amended to incorporate the following Scope of Services for the Zip Beverage Water Line Connection Project: time to sample and analyze leftover fill material, as itemized in Consulting Scope of Services & Cost Estimate, attached hereto as Exhibit A1.
2. Paragraph 4, **Payment**, is amended in the first sentence to read as follows: “City agrees to pay Consultant an amount not to exceed Seven Thousand, Seven Hundred Eighty-Eight Dollars (\$7,788.00) for services performed pursuant to the Scope of Services.”

IN WITNESS WHEREOF, the parties hereto have executed this instrument the day and year first above written.

CONSULTANT:
WGM Group, Inc.

MAYOR
City of Missoula, Montana

John Engen

ATTEST:

APPROVED AS TO FORM AND CONTENT:

Martha L. Rehbein, CMC, City Clerk

Jim Nugent, City Attorney

(SEAL)

Exhibit A1

From: [Logan McInnis](#)
To: [Tyler Etzel](#)
Subject: RE: 200406 / Zip Beverage Water Line Connection Project / PSA 10.31.19 - WGM Group
Date: Thursday, June 11, 2020 11:48:57 AM
Attachments: [image003.png](#)
[image004.png](#)

Sorry Tyler, I will send that to Dennis Bowman and request his approval.

Logan McInnis, PE
Utilities Engineer
City of Missoula
lmcinnis@ci.missoula.mt.us
406-552-6766

From: Tyler Etzel <tetzel@wgmgroupp.com>
Sent: Thursday, June 11, 2020 11:40 AM
To: Logan McInnis <LMcInnis@ci.missoula.mt.us>
Subject: RE: 200406 / Zip Beverage Water Line Connection Project / PSA 10.31.19 - WGM Group

Hi Logan,
I'm just following up on this email to make sure you reviewed it. Please let me know if you have any questions or concerns. Thanks.



Tyler Etzel

From: Tyler Etzel
Sent: Thursday, June 4, 2020 3:44 PM
To: Logan McInnis (lmcinnis@ci.missoula.mt.us) <lmcinnis@ci.missoula.mt.us>
Subject: 200406 / Zip Beverage Water Line Connection Project / PSA 10.31.19 - WGM Group

Hi Logan,

Unfortunately, when I estimated the budget for this work I assumed two days of oversight for the water line installations, but the fieldwork extended for about two weeks, which (correspondingly) accounted for more oversight/fieldwork time of the contractor (Knife River) during the line installations. In addition, my original estimate did not include; 1) time to sample and, 2) cost to analyze leftover fill material, which I had hoped wouldn't occur.

Together, these two out of scope items will cause us to exceed our original budget for this work. As of right now, we have an additional \$2,333.00 in labor and will have (approximately) \$1,480.00 in laboratory fees. This totals \$3,813.00 out of scope costs. Since I underestimated my costs by such a

large degree, I will not charge any time for completing the letter report deliverable to DEQ. So I am requesting a change order to PSA 10.31.19 for \$3,813.00. My apologies for this.

Regards,



Tyler Etzel

Senior Geologist

OFFICE: 406-728-4611

CELL: 406-240-7795

EMAIL: tetzel@wmggroup.com

ADDRESS: 1111 E Broadway, Missoula MT 59802

Messages and attachments sent to or from this e-mail account pertaining to City business may be considered public or private records depending on the message content. The City is often required by law to provide public records to individuals requesting them. The City is also required by law to protect private, confidential information. This message is intended for the use of the individual or entity named above. If you are not the intended recipient of this transmission, please notify the sender immediately, do not forward the message to anyone, and delete all copies. Thank you



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Title 12 Updates

Date: August 6, 2020

Sponsor(s): Kevin Slovarp;#150;#Monte Sipe

Prepared by: Kevin Slovarp, City Engineer

Ward(s) Affected:

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input checked="" type="checkbox"/> All Wards	<input type="checkbox"/> N/A

Action Required:

Set a public hearing on October 5, 2020 and preliminarily adopt changes to Missoula Municipal Code Title 12 Chapters 12.02, 12.10, 12.12, 12.17, 12.22 and 12.28.

Recommended Motion(s):

I move the City Council: [First reading and preliminary adoption] Set a public hearing on October 5, and preliminarily adopt an ordinance amending Missoula Municipal Code Title 12, entitled "Streets, Sidewalks, and Public Places" to create new Chapters 12.02 entitled "Definitions", 12.10 entitled "Right-of-Way Improvements", and 12.17 entitled "Parking Facilities", to amend Chapter 12.28 entitled "Obstructions" to update standards relating to sight visibility triangles, and to repeal Chapters 12.12 entitled "Curbs, Sidewalks and Improvements" and 12.22 entitled "Parking Facilities". [Second and final reading](Adopt/deny) an ordinance amending Missoula Municipal Code Title 12, entitled "Streets, Sidewalks, and Public Places" to create new Chapters 12.02 entitled "Definitions", 12.10 entitled "Right-of-Way Improvements", and 12.17 entitled "Parking Facilities", to amend Chapter 12.28 entitled "Obstructions" to update standards relating to sight visibility triangles, and to repeal Chapters 12.12 entitled "Curbs, Sidewalks and Improvements" and 12.22 entitled "Parking Facilities".

Timeline:

Referral to committee:	August 17, 2020
Committee discussion:	August 19, 2020
Council action (or sets hearing):	August 24, 2020
Pre-Public Hearing (PW)	September 23, 2020
Public Hearing:	October 5, 2020
Deadline:	Click or tap here to enter text.

Background and Alternatives Explored:

City Engineering staff is proposing updates to Chapters 12.12 and 12.22 as a result of recent changes to TED requirements, proposed changes to Title 20, and creating the Missoula City Public Works Standards and Specifications Manual (Manual). Once staff began the updating process, we determined that substantial edits were necessary to each of these two chapters. Substantial edits consist of revised and updated terminology, definition changes, new requirements, cut and paste of sections from one chapter to the other, removal of sections and inclusion into other MMC titles and Manual, and reorganization of information listed in each

chapter. Based on these edits staff is proposing to update these two chapters by repealing them and creating new chapters. Staff is proposing to create a new 12.10 entitled 'Right-of-Way Improvements' and will essentially replace the repealed Chapter 12.12 'Curbs, Sidewalks and Paving'. Staff is proposing to create a new 12.17 entitled 'Parking Facilities' and will essentially replace the repealed Chapter 12.22 'Parking Facilities'. Staff is proposing to create a new Chapter 12.02 entitled 'Definitions' and move all definitions from 12.10 and 12.17 into this new chapter. This proposed new 12.02 will eventually eliminate the need for a definition section in individual chapters in Title 12. It will also allow for the consistency of terminology and language for each defined word or phrase as currently the same term is defined differently in individual chapters within Title 12.

In addition, staff is proposing an update to the visibility obstructions section in Chapter 12.28. This proposed update will align the City's Standards with the nationally recognized sight visibility standards contained within the American Association of State Highway and Transportation Officials (AASHTO) *A Policy on Geometric Design of Highways and Streets*. Many municipalities and agencies are currently relying on these national standards, including Missoula County. City staff has received citizen feedback on the number and frequency of accidents at uncontrolled intersections. In addition, staff is concerned that our current sight visibility standards are not promoting the health and safety of our residents and visitors at these uncontrolled intersections. Aligning our sight visibility standards to the national standards would increase the sight visibility requirements at uncontrolled intersections and promote additional safety measures for the traveling public.

Financial Implications:

None.

Links to external websites:

None.

Title 12 Updates

Public Works Committee

Kevin Slovarp, Monte Sipe, Brandt Dahlen
Development Services
July 27, 2020



- 12.02 – Definitions (new)
- 12.12 – Curbs, Sidewalks, and Paving (current)
 - Creating new Chapter 12.10 – Right-of-Way Improvements
- 12.22 – Parking Facilities (current)
 - Creating new Chapter 12.17 – Parking Facilities
- 12.28 – Obstructions (current)

- Chapter 12.02 (New Chapter):
 - Definitions for the same term were located in multiple chapters and contained different language
 - Ensure one definition per ‘term’
- Chapters 12.12 (12.10) and 12.22 (12.17) Updates:
 - Recent changes to TED requirements
 - Proposed changes to Titles 20 and 15
 - Increase clarity related to FAQs from consultants
 - Further understanding of State Law
 - Creation of the Missoula City Public Works Standards and Specifications Manual (Manual)
 - Staff’s desire for requirements in Title 12 to apply in all cases (subdivisions, TEDs, site developments, ZCPs, etc.)

- Chapter 12.28 Update:
 - Align MMC with nationally recognized sight visibility standards contained within AASHTO *A Policy on Geometric Design of Highway and Streets*

- 12.02:
 - Moved definitions from other Title 12 Chapters into this new chapter
- 12.10 & 12.17:
 - Revised and updated terminology
 - Eliminated discrepancies between Titles 20 and 15
 - Removed language related to ‘type of parcel’
 - Proposing a few new requirements
 - Cut and pasted sections of code into different Titles/Chapters
 - Will remove design and construction standards and specifications from MMC into Manual when finalized
 - Reorganized information included in each Chapter

- 12.28:
 - Deleted current requirements and replaced with AASHTO standards
 - Many municipalities are using these national standards, including Missoula County
 - City Staff has received citizen feedback on current regulations causing a review
 - The national standards would increase the sight visibility requirements promoting safety at intersections

- How were Chapters organized
- Language changes
- Why changes are being proposed

- Many hours of staff time to update these Chapters
- Chapters 12.10 and 12.17 had been sent to internal stakeholders for review and this internal comment period has concluded
- Staff incorporated the internal stakeholder comments as applicable
- Finalized drafts for PW Committee meeting

- Obtain PW Committee feedback
- Obtain external stakeholder review during public process
 - Recent external stakeholder review of the PW Manual
- Review and incorporate PW Committee feedback and external stakeholder comments
- Finalize Chapter updates
- Obtain City Council approval for Chapter updates

PUBLIC WORKS

Missoula City Public Works Standards and Specifications Manual

September 23, 2020



Overview

Public Works Manual Purpose:

- Provides comprehensive document for developers, contractors & engineers
- Establishes design & construction standards for City-owned and -maintained infrastructure

Overview

Process:

- Created initial draft & presented it to PW Committee July 15, 2020
- Notified contractors, engineers, and developers of draft availability for questions and comment
- Posted to Engage Missoula
- Reviewed external input and edited as appropriate
- ★ Today – Presenting final Manual
- ★ Takes effect following the adoption of MMC Title 12, Streets, Sidewalks and Public Places – expected to be Nov. 18, 2020

Chapters

- Introduction
- Chapter 1 – General Provisions
- Chapter 2 – Construction within the Right-of-Way
- Chapter 3 – Improvement Plans
- Chapter 4 – Water System
- Chapter 5 – Sanitary Sewer System
- Chapter 6 – Storm Water System
- Chapter 7 – Transportation System
- Chapter 8 – Erosion Control

Chapter 1 – General Provisions

In progress—coming later in 2020

Chapter 2 – Construction within the Right-of-Way

In progress—coming later in 2020

Chapter 3 – Improvement Plans

Defines plan requirements, design reports, external coordination, and process.

Changes:

- Added language that we intend to update the Manual annually in mid-November, as needed. (However, since we are currently working on Chapters 1 & 2, we will need to update sooner during this first year of implementation.)
- Added language clarifying that applicable Manual version will be dependent on when the project submits a Stage 3 package for review.
- Added language clarifying the differences between Site Development Projects and Public Infrastructure Projects and when the requirements of the Manual are applicable to each.
- Revised language and moved information related to the coordinate system to be used with Public Infrastructure Projects.

Chapter 3 – Improvement Plans

Changes, continued:

- Clarified language for plan view requirements, erosion control plans, ground vs. grid, accuracy of submissions, and symbology.
- Added a general timeline for City review for each of the seven stages of the submission process.
- Clarified submittal requirements for subdivision and zoning compliance reviews.
- Added language to require a plat to be incorporated into the submission information as staff needs to determine necessity of easements prior to release of plans and issuance of permits.
- Made minor changes to the stages of the Project Development Toolbox.

Chapter 4 – Water System

Incorporates existing Missoula Water standards and minor changes.

Changes:

- Added Section 4.2.5 Wet Utility Main Best Practices
- Added requirement for the engineer or a Missoula Water representative to inspect the pressure testing apparatus prior to start of test.
- Added requirement that all equipment used in a pressure test should be intended for use in potable water systems and should only be used for conducting pressure tests in potable water systems.
- Added a new specification for flange gasket materials and installation torque.
- Modified Appendix 4-A to require backflow prevention for premises that have frost free hydrants or stop and waste valves.

Chapter 5 – Sanitary Sewer System

Consolidates City's current sewer collection system administrative rules, standard details, and municipal code.

Changes:

- Added technical specifications for city-owned lift stations.
- Added references to Chapter 4 – wet utility main best practices section.
 - Provides requirements for main extensions and locations relative to other ROW infrastructure.

Chapter 6 – Storm Water System

Incorporates Storm Water Utility Code (MMC 13.27) effective April 8, 2020.

Changes:

- Clarified that green infrastructure and low-impact development are highly encouraged but not required by City.
- Clarified that geotechnical reports are required only when infiltration facilities are proposed.
- Clarified that infiltration testing can be performed by any licensed engineer with infiltration testing experience, not just geotechnical engineers.
- Updated infiltration testing procedures to better emulate the infiltration seen in dry wells and to allow them to be performed using the existing equipment available to consultants.

Chapter 6 – Storm Water System

Changes, continued:

- Removed the requirement for a groundwater study when infiltration facilities are proposed unless the Utility Engineer suspects that there may be issues with groundwater depth.
- Modified language to allow for deeper dry wells if necessary to get to highly infiltrative layer.

Chapter 7 – Transportation System

Consolidates current admin rules, standard details, and municipal code.

Changes:

- Added reference documents including Activate Missoula 2045, NACTO Urban Bikeway Design Guide, and Uniform Vehicle Code.
- Deleted edition date of reference documents and added note that City adopts most current version of all references.
- Clarified plan submittal requirements.
- Added requirement for coordination meeting with City Engineer prior to Traffic Impact Study (TIS) submittal to determine study content and assumptions.
- Added specific TIS submittal information requirements.

Chapter 7 – Transportation System

Changes, continued:

- Changed section header to “Intersection Sight Distance.” Sight distance at driveway approaches and alleys will be based on existing code while street intersections will be per AASHTO standards.
- Clarified requirements for street horizontal and vertical curves, chip seal/pavement, curb markings, street section depths, geotextile material, intersection alignment, and grading for new development.
- Changed to allow use of asphalt millings in lieu of new pavement in existing unpaved alleys. Owner/developer can still pave alleys but new standards to address drainage, etc. will apply.

Chapter 8 – Erosion Control

Incorporates Storm Water Utility Code (MMC 13.27) effective April 8, 2020.

Changes:

- No significant changes required.

Standard Drawings

Changes:

- Modified details as needed to comply with current City-accepted installation methods.
- Updated to include details by other regional cities.
 - Bioswale detail
 - Curb cut detail based on Mary Avenue experience
- Added materials requirements to ensure quality of surface improvements.
 - Telespar sign posts
 - Differing thicknesses of specific sub-base and base course materials for streets based on sub-grade quality
- Updated safety requirements
 - Better alignment with the Public Right-of-Way Access Guidelines
 - Sight distance triangle update

Standard Drawings

Changes:

- Added language depending on jurisdiction over project (i.e., MDT vs City).
- Added a 24-inch diameter combination inlet that will work for dry wells or smaller inlets.
- Updated the round storm water grate/lid detail for a bike friendly grate and an ADA grate.
- Updated storm water manhole cover detail to bring it up to current standards and match basic details of sewer manhole cover.
- Updated erosion control details to bring them up to current best practices and to match what contractors are using in project sites.

What's Next?

Pending City Council approval of changes to MMC Title 12, Streets, Sidewalks and Public Places, Manual will be:

- Adopted by administrative rule.
- Will take effect in conjunction with Title 12 changes, estimated to be Nov. 18, 2020.
- Posted on City's Public Works webpage for public access at <http://www.ci.missoula.mt.us/2708/Public-Works-Standards-Specifications-Ma>.
- Updated as needed.

Questions & Feedback

Thank you!



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Presentation of Revised Missoula City Public Works Standards and Specifications Manual

Date: September 17, 2020

Sponsor(s): Jeremy Keene

Prepared by: Lori Hart

Ward(s) Affected:

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input checked="" type="checkbox"/> All Wards	<input type="checkbox"/> N/A

Action Required:

No action required – informational only.

Recommended Motion(s):

I move the City Council: No motion – informational only.

Timeline:

Referral to committee:	September 21, 2020
Committee discussion:	September 23, 2020
Council action (or sets hearing):	N/A
Public Hearing:	N/A
Deadline:	N/A

Background and Alternatives Explored:

On July 15, 2020, Jeremy Keene with Public Works and Ida Sajor with Development Services presented the Draft *Missoula City Public Works Standards and Specifications Manual* to the Public Works Committee. The draft manual was reviewed internally by Public Works, Development Services, and Parks Department staff, and released to the development, engineering, and construction communities, as well as the general public, for comment. Relevant comments and suggestions were incorporated into the final version of the manual which is now ready for adoption.

City staff members will provide an overview of the comments and changes made to the draft manual. If City Council has no further changes, the manual will be adopted by Administrative Rule in accordance with the proposed revisions to the Missoula Municipal Code Title 12, Streets, Sidewalks and Public Places, when the Title 12 revisions are adopted and take effect.

Financial Implications:

None.

Links to external websites:

<http://www.ci.missoula.mt.us/2708/Public-Works-Standards-Specifications-Ma>

PUBLIC WORKS

Missoula City Public Works Standards and Specifications Manual

September 23, 2020



Overview

Public Works Manual Purpose:

- Provides comprehensive document for developers, contractors & engineers
- Establishes design & construction standards for City-owned and -maintained infrastructure

Overview

Process:

- Created initial draft & presented it to PW Committee July 15, 2020
- Notified contractors, engineers, and developers of draft availability for questions and comment
- Posted to Engage Missoula
- Reviewed external input and edited as appropriate
- ★ Today – Presenting final Manual
- ★ Takes effect following the adoption of MMC Title 12, Streets, Sidewalks and Public Places – expected to be Nov. 18, 2020

Chapters

- Introduction
- Chapter 1 – General Provisions
- Chapter 2 – Construction within the Right-of-Way
- Chapter 3 – Improvement Plans
- Chapter 4 – Water System
- Chapter 5 – Sanitary Sewer System
- Chapter 6 – Storm Water System
- Chapter 7 – Transportation System
- Chapter 8 – Erosion Control

Chapter 1 – General Provisions

In progress—coming later in 2020

Chapter 2 – Construction within the Right-of-Way

In progress—coming later in 2020

Chapter 3 – Improvement Plans

Defines plan requirements, design reports, external coordination, and process.

Changes:

- Added language that we intend to update the Manual annually in mid-November, as needed. (However, since we are currently working on Chapters 1 & 2, we will need to update sooner during this first year of implementation.)
- Added language clarifying that applicable Manual version will be dependent on when the project submits a Stage 3 package for review.
- Added language clarifying the differences between Site Development Projects and Public Infrastructure Projects and when the requirements of the Manual are applicable to each.
- Revised language and moved information related to the coordinate system to be used with Public Infrastructure Projects.

Chapter 3 – Improvement Plans

Changes, continued:

- Clarified language for plan view requirements, erosion control plans, ground vs. grid, accuracy of submissions, and symbology.
- Added a general timeline for City review for each of the seven stages of the submission process.
- Clarified submittal requirements for subdivision and zoning compliance reviews.
- Added language to require a plat to be incorporated into the submission information as staff needs to determine necessity of easements prior to release of plans and issuance of permits.
- Made minor changes to the stages of the Project Development Toolbox.

Chapter 4 – Water System

Incorporates existing Missoula Water standards and minor changes.

Changes:

- Added Section 4.2.5 Wet Utility Main Best Practices
- Added requirement for the engineer or a Missoula Water representative to inspect the pressure testing apparatus prior to start of test.
- Added requirement that all equipment used in a pressure test should be intended for use in potable water systems and should only be used for conducting pressure tests in potable water systems.
- Added a new specification for flange gasket materials and installation torque.
- Modified Appendix 4-A to require backflow prevention for premises that have frost free hydrants or stop and waste valves.

Chapter 5 – Sanitary Sewer System

Consolidates City's current sewer collection system administrative rules, standard details, and municipal code.

Changes:

- Added technical specifications for city-owned lift stations.
- Added references to Chapter 4 – wet utility main best practices section.
 - Provides requirements for main extensions and locations relative to other ROW infrastructure.

Chapter 6 – Storm Water System

Incorporates Storm Water Utility Code (MMC 13.27) effective April 8, 2020.

Changes:

- Clarified that green infrastructure and low-impact development are highly encouraged but not required by City.
- Clarified that geotechnical reports are required only when infiltration facilities are proposed.
- Clarified that infiltration testing can be performed by any licensed engineer with infiltration testing experience, not just geotechnical engineers.
- Updated infiltration testing procedures to better emulate the infiltration seen in dry wells and to allow them to be performed using the existing equipment available to consultants.

Chapter 6 – Storm Water System

Changes, continued:

- Removed the requirement for a groundwater study when infiltration facilities are proposed unless the Utility Engineer suspects that there may be issues with groundwater depth.
- Modified language to allow for deeper dry wells if necessary to get to highly infiltrative layer.

Chapter 7 – Transportation System

Consolidates current admin rules, standard details, and municipal code.

Changes:

- Added reference documents including Activate Missoula 2045, NACTO Urban Bikeway Design Guide, and Uniform Vehicle Code.
- Deleted edition date of reference documents and added note that City adopts most current version of all references.
- Clarified plan submittal requirements.
- Added requirement for coordination meeting with City Engineer prior to Traffic Impact Study (TIS) submittal to determine study content and assumptions.
- Added specific TIS submittal information requirements.

Chapter 7 – Transportation System

Changes, continued:

- Changed section header to “Intersection Sight Distance.” Sight distance at driveway approaches and alleys will be based on existing code while street intersections will be per AASHTO standards.
- Clarified requirements for street horizontal and vertical curves, chip seal/pavement, curb markings, street section depths, geotextile material, intersection alignment, and grading for new development.
- Changed to allow use of asphalt millings in lieu of new pavement in existing unpaved alleys. Owner/developer can still pave alleys but new standards to address drainage, etc. will apply.

Chapter 8 – Erosion Control

Incorporates Storm Water Utility Code (MMC 13.27) effective April 8, 2020.

Changes:

- No significant changes required.

Standard Drawings

Changes:

- Modified details as needed to comply with current City-accepted installation methods.
- Updated to include details by other regional cities.
 - Bioswale detail
 - Curb cut detail based on Mary Avenue experience
- Added materials requirements to ensure quality of surface improvements.
 - Telespar sign posts
 - Differing thicknesses of specific sub-base and base course materials for streets based on sub-grade quality
- Updated safety requirements
 - Better alignment with the Public Right-of-Way Access Guidelines
 - Sight distance triangle update

Standard Drawings

Changes:

- Added language depending on jurisdiction over project (i.e., MDT vs City).
- Added a 24-inch diameter combination inlet that will work for dry wells or smaller inlets.
- Updated the round storm water grate/lid detail for a bike friendly grate and an ADA grate.
- Updated storm water manhole cover detail to bring it up to current standards and match basic details of sewer manhole cover.
- Updated erosion control details to bring them up to current best practices and to match what contractors are using in project sites.

What's Next?

Pending City Council approval of changes to MMC Title 12, Streets, Sidewalks and Public Places, Manual will be:

- Adopted by administrative rule.
- Will take effect in conjunction with Title 12 changes, estimated to be Nov. 18, 2020.
- Posted on City's Public Works webpage for public access at <http://www.ci.missoula.mt.us/2708/Public-Works-Standards-Specifications-Ma>.
- Updated as needed.

Questions & Feedback

Thank you!