

Moscow City Council



Regular Meeting ~Minutes~

www.ci.moscow.id.us

Laurie M. Hopkins
City Clerk

208.883.7015

**Monday,
August 21, 2023**

7:00 PM

**Council Chambers
206 E. Third St.**

The meeting was called to order at 7:00 p.m.

PRESENT: Acting Mayor Maureen Laflin, Drew Davis, Sandra Kelly, Hailey Lewis, Julia Parker, Gina Taruscio

ABSENT: Mayor Art Bettge

STAFF: Bill Belknap, Mia Bautista, Cody Riddle, Aimee Hennrich, Ty Thompson, Kyle Steele, Dana Rand, Steve Schulte, Tyler Palmer, Laurie M. Hopkins

PLEDGE OF ALLEGIANCE

Council Member Parker led the Pledge of Allegiance.

CONSENT AGENDA

1. All Consent Items (ACTION ITEM)

A. Approval of Moscow City Council August 7, 2023 Minutes - Laurie M. Hopkins

B. Disbursement Report July 2023 - Sarah Banks

Staff presented the July 2023 Accounts Payable Report to the Public Works / Finance Committee on August 14th, 2023. The Committee received the report and approved the disbursements as presented.

ACTION: Accept the Disbursements Report for the month of July 2023.

C. Strategic Initiatives Grant Program - Alisa Anderson / Scott Bontrager

The Strategic Initiatives Grant Program is funded with one-time State of Idaho General Funds recommended by the Governor and approved by the Legislature intended to facilitate local transportation projects. All projects are required to be on public highways and streets and will be selected based on a competitive application from criteria developed by the Idaho Transportation Department. The City of Moscow falls under Category 2 which is rural or small urban areas with a population less than 50,000. Projects in this category are limited to \$2 million and do not require matching funds. City staff are proposing to apply for funding to install approximately 25,000 square yards of Asphalt Chip Seal and 100,000 square yards of Asphalt Slurry Seal in addition to three surface restoration (grind and inlay) projects. The restoration projects have been identified in the City's Roadway Condition Assessment Program and included in the Street Department's Capital Improvement Plan as a priority in upcoming budget years 2025-2028. These projects are located on Taylor Avenue, White Avenue, and "D" Street. This item was reviewed by the Public Works/Finance Committee on August 14, 2023, and recommended for approval.

ACTION: Approval to apply for the Strategic Initiatives Grant Program in an amount not to exceed \$2,000,000.

D. City of Elk River Solid Waste Disposal Agreement - Tim Davis

The City of Elk River approached the City of Moscow in 2022 regarding disposal of their waste through the Moscow Solid Waste Facility. The City of Elk River waste is collected then deposited at a centrally located compactor. The compactor is hauled on a roll-off truck, dumped and then returned. The City of Elk River produces approximately 150 tons of waste annually. Clearwater County has a disposal agreement with Asotin County. Due to Elk River's location and proximity to the Moscow Solid Waste Facility, Clearwater County's failing roll-off truck, and Elk River's dissatisfaction with the services that they were receiving, The Moscow City Council elected to execute a disposal agreement with the City of Elk River in August of 2022 that expires September 30, 2023. The City of Elk River wishes to have the City of Moscow continue to provide these processing and disposal services. If the Moscow City Council agrees to execute this new disposal agreement, the term of the agreement will be in sequence with other disposal agreements recently executed with Latah County and other cities. This was reviewed by the Public Works/Finance Committee on August 14, 2023 and recommended for approval.

ACTION: Approve the Disposal Contract between the City of Elk River and the City of Moscow, Idaho as presented.

Kelly moved and Taruscio seconded to approve the consent agenda as presented. Roll Call Vote: Ayes: Unanimous. Nays: None. Abstentions: None. Motion carried.

REGULAR AGENDA

2. Mayors Appointments (ACTION ITEM)

None offered.

3. Public Comment and Mayor's Response Period (limit 15 minutes)

None offered.

4. Proposed Lot Division of a 10-Acre Parcel Located Directly North of the Current Terminus of Warbonnet Drive (ACTION ITEM) – Aimee Hennrich

The applicant, Warbonnet LLC, is requesting a lot division to create four lots of approximately 3.24 acres, 1.70 acres, 1.70 acres, and 1.39 acres in size from an existing 10-acre parcel located directly north of the current terminus of Warbonnet Drive. The proposal includes parkland dedication of 20,060 square feet as well as the right of way dedication required to extend Warbonnet Drive to the northern property boundary. The subject property is located in the Multiple Family Residential (R-4) Zoning District. Within the R-4 Zoning District, lots are required to be a minimum of 5,000 square feet in size and have a minimum lot width of 50 feet. All proposed lots meet the minimum lot area and width requirements of the R-4 Zone. In addition, lot division proposals within the R-4 Zone require 9% of the net developable land to be dedicated to parkland. On June 29, 2023, the Parks and Recreation Commission reviewed and recommended approval of the parkland dedication proposed as a part of this application. This proposal was heard on August 14, 2023 at the Public Works and Finance Committee meeting and was recommended for approval.

PROPOSED ACTIONS: Approve the lot division request with no conditions; or approve the lot division request with conditions; or deny the lot division request; or provide staff with further direction.

Hennrich introduced the item as written above explaining the applicant has requested reduction of the 0.76 acres of the subject property to 0.47 due to the challenging topography. In return, the applicant offered to provide the access path and grading. Schott shared that the applicant initially submitted the 9% dedication, however staff requested to reduce the area for ease of maintenance.

Scott Becker, Hodge and Associates, said phase one is proposed and in design, but the other phases are

not designed as yet. The next phase is anticipated to be R-4 townhouses. Belknap added the development will not come back before the Council as the land is already zoned appropriately.

Kelly moved to approve the lot division request with no conditions. Lewis seconded. Roll Call Vote: Ayes: Unanimous. Nays: None. Abstentions: None. Motion carried.

5. Moscow Sister Cities Association – Dave Barber

Dave Barber, president of the Moscow Sister City Association (MSCA) thanked the City Council for their annual support of the cost of dues. Villa El Carmen has a population of 7,000 and is on the Pacific Ocean near Nicaragua. From the beginning of the Association, they have been about education. While the focus is still on education, they have also given parental grants to assist with purchase of uniforms. Geilin Castro, a previous scholarship and 2020 graduate, will be visiting Moscow in Spring 2024 and working with faculty in the College of Education to learn the American system of education. The future of MSCA is unknown because of the Nicaragua government. See attachment for more information.

6. Pullman Moscow Airport Report – Tony Bean

Bean listed the terminal advisory committee which reviewed the reiterations of the terminal. The planning and environmental plans began in 2007, followed by runway and now terminal to be completed December 2023. The existing terminal only meets 21% of the space needs from 2019. FAA doesn't pay for parking so the rental car lot will be delayed with hopes for funding elsewhere. Colors for the terminal are representative of the Palouse. The build and expansion will result with no debt. The total building cost is \$63.4 million. The terminal will have substantial completion at the end of December but will not open right away as there will be training and testing to ensure a smooth opening. CARES funds have gone to the ineligible funds from grants. Illustrations of the interior were shown, see attachment. Passenger growth has gone from 35,000 in 2010 to 70,000 in 2019. The Boise flight will increase to five days a week on September 7. The Board is trying to get flights to Denver and Portland and the third flight to Seattle will begin again. The airport was awarded an air service development grant to support initiation of a twice daily non-stop service to Denver but there aren't enough pilots to begin yet. A cargo use would be a great option for the old terminal but still working on securing a use. The Board continues to talk with Delta, United, Allegiant and Skywest for future service. Shuttle service is also being discussed if there was a means to do so.

7. Stormwater Utility NPDES Compliance Report – Kyle Steele / Steve Schulte

The City essentially owns and operates two sewer systems, the MS4 stormwater and the sewer. The stormwater permit contains stipulations for compliance with full implementation by April 3, 2024. Among other requirements, the permit requires an enforcement program for illicit discharge detection. The City tracks reports and respond as necessary. There are over 200 outfalls (pipes that discharge into the creek) and the permit requires to screen 50 of them annually. Staff has been working on updating the construction site stormwater runoff control. A compliance inspector was hired and in the last 12 months has done 406 routine inspections with 10 illicit discharge reports. Another requirement of the permit is to develop a written escalating enforcement response policy which will come to council for adoption.

Schulte sent through the operations and maintenance of stormwater runoff. There are three employees in the Stormwater division for 70 miles of stormwater mains. Staff is currently 20% through cleaning the system after starting at the trouble areas. The team also responds to spill response and reports of illegal dumping. Street sweeping is required in the permit and is the first line of defense to keeping the system clear. It is contracted to the Street personnel. The City has added a variety of tools to help assess the condition of the stormwater system so that staff knows where repair and improvements need to be completed. The permit must be reapplied for but does not have an associated fee. Staff will do in April 2024, well before the current permit expires September 30, 2024. Illicit discharges are a misdemeanor

offence but the city is in good shape with compliance. The staffing level of three was for the initial phase and some of the environmental staff help with the permit requirements. As the program is further developed, there could be more needs to meet the permit obligations. In answer to Parker's question regarding composting street sweeping debris, Steele said there are a lot of metals in the debris but it is a conversation that has been had with DEQ.

REPORTS

City Council

Moscow Tree Commission – Taruscio reported they finalized the commission survey questions and their schedule of events.

Moscow Volunteer Fire Department – Kelly said they are working on training with the new students.

Moscow Urban Renewal Agency – Kelly said they passed their budget. exclusive negotiation for the 6th and Jackson property.

SMART Transit – Lewis said they have discussed parking at the airport.

Human Rights Commission – Lewis reported they are gearing up for

Moscow Arts Commission – Parker said they discussed their survey questions and had a presentation on the MAC band.

Fair and Affordable Housing Commission – Davis

Farmers Market Commission – Laflin said they are sending two members to a conference.

Sustainable Environment Commission – Laflin said the commission finalized survey questions and tabled at the Farmers Market.

Mayor

No report.

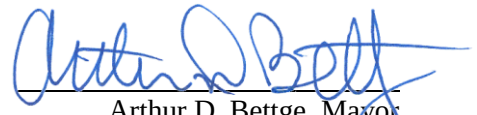
ADJOURN

It was moved, seconded and mutually agreed upon to adjourn at 9:04 p.m.

ATTEST:


Laurie M. Hopkins, City Clerk




Arthur D. Bettge, Mayor

Outline: overview of Moscow Sister City Association
Dave Barber, MSCA president
Moscow City Council meeting of August 21, 2023

1. Thank you!
2. MSCA board of directors*
3. Moscow's sister city (and county): Villa El Carmen, Nicaragua
4. What we do
 - a. Contact with people;
 - i. Visitors here to there
 - ii. Visitors there to here
 - iii. Online contacts
 - iv. Newsletter distributed through City of Moscow website
 - b. Focus on support of schools and students
Early years: school supplies and repairs 1989-2014
Recently: university scholarships and parental grants: 2015-present
 - c. Spring 2024: fourth English teacher from VEC to visit Moscow: Geilin Castro



- d. Long-range future: problematic because of Nicaraguan government, difficulty of contact between people, need for participation of younger generation.

***Board of directors:**

Dave Barber, president
Cindy Magnuson, secretary
Elisabeth Berlinger [president 2009-2018]
Lubia Cajas Cano [former UI administrator of Central American Youth Ambassadors program]
Lena Fort [junior at Moscow High School]
Aengus Kennedy [former MHS student, now at Tufts University]
Debbie McLaughlin
Bill Voxman

Recently deceased or resigned for health reasons: Linda Christenson, Jim Reece, Susy Wiese
Central creators of MSCA in the 1980s: Mary Voxman, Mardi Baron (Moscow City Council member)

If you want more information or have questions:

- a. Ask me now
- b. Send a note to dbarber@uidaho.edu or
- c. contact any board member

PULLMAN MOSCOW REGIONAL AIRPORT TERMINAL AND AIR SERVICE UPDATE

MOSCOW CITY COUNCIL
AUGUST 21, 2023



PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Advisory Committee

- City of Pullman
- City of Moscow
- PUW Airport Board
- WSU Athletics
- UI Athletics
- ASWSU
- ASUI
- Gritman Medical Center
- Pullman Regional Hospital
- Port of Whitman County
- Hoffman Construction
- Latah Community members
- Whitman Community members
- SEL
- Northwest River Supplies
- METER Group
- EMSI
- ICCU
- Moscow Chamber of Commerce
- Pullman Chamber of Commerce
- Alaska Airlines
- Mead and Hunt



Collaborative Partnership



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Effort to Build the Future



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT



NEW TERMINAL BUILDING COMING - PHASE 1 2023

**450 NEW PUBLIC
PARKING SPACES**

47,500 SF TERMINAL BUILDING



ECONOMIC DRIVER FOR THE REGION

**90 NEW RENTAL CAR
SPACES**

3 GATES

**PRE- AND
POST-SECURE
CONCESSIONS
SPACES**

**3 AIRCRAFT PARKING
POSITIONS**

**CY 2022 RECORD
75,027 PASSENGER
ENPLANEMENTS**



**LOAD FACTORS:
SEATTLE - OVER 80%
BOISE - OVER 66%**



Mead&Hunt



Existing Terminal



- Built: 1990
- Square feet: 8,785
- Current terminal only met 21% of space needs in 2019
- Terminal was designed for a single 38 seat aircraft meeting pre 9/11 standards
- Holdroom area - cannot provide proper seating for a single flight
- Security checkpoint is undersized
- No adequate space to add additional air carrier
- Not enough vehicle parking
- Not representative of or welcoming to the Palouse

Mead&Hunt



Airport Layout New Terminal

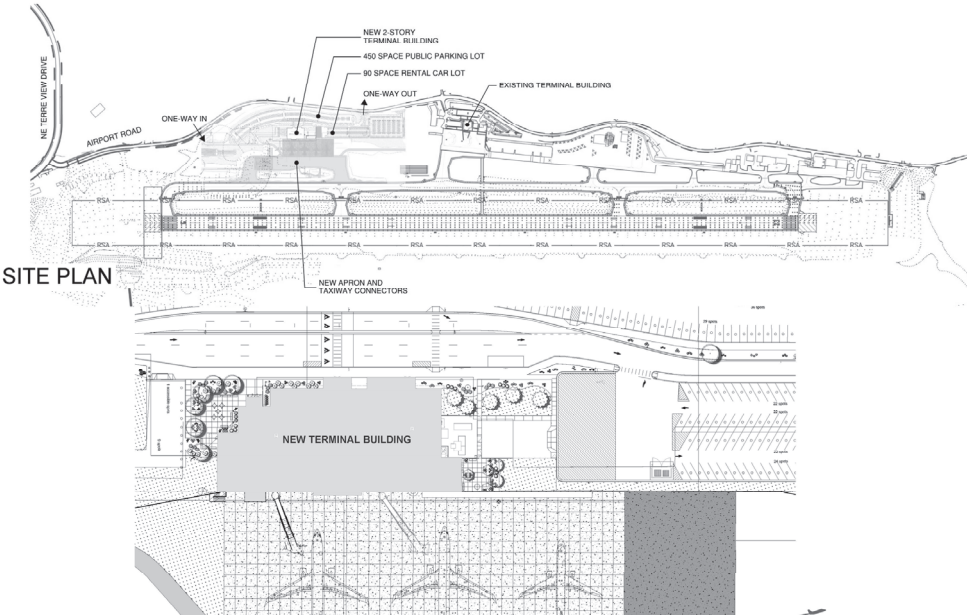


Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Project Overview

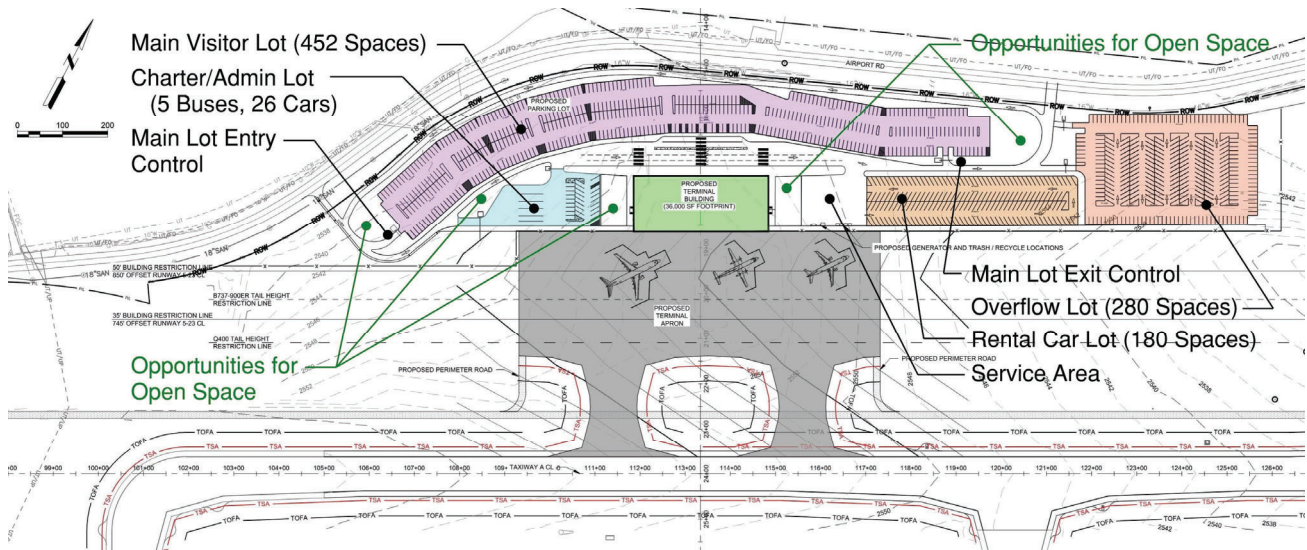


Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Current Site Plan



Mead&Hunt

PULLMAN-MOSCOW
REGIONAL AIRPORT

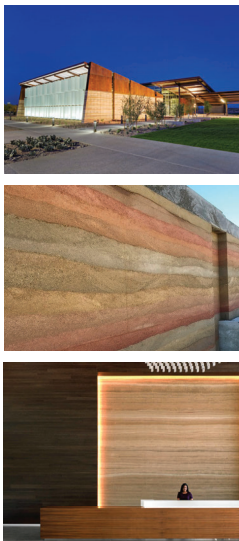
Regional Inspiration



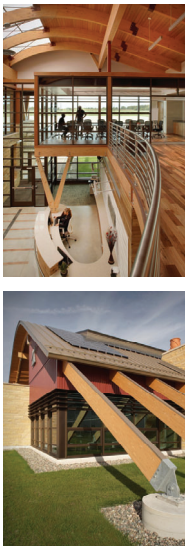
Mead&Hunt

PULLMAN-MOSCOW
REGIONAL AIRPORT

Regional Inspiration



Regional Inspiration



Initial Terminal Funding

Pulman-Moscow Regional Airport									
Terminal Funding Program City Council Grant Pre-Authorization									
Terminal Site and Building Design and Construction									
Projected Grant Numbers	Initial Amount	Amendment	Total Grant	Match Required	Local Match Amount	Total Funding	Available	Remarks	
AIP 52 (Terminal Only)		\$3,000,000.00	\$3,000,000.00	Yes	\$265,128	\$3,265,128.43	Received	Approved by Councils	
AIP 55 (2020)	\$1,088,376.00		\$1,088,376.00	No		\$1,088,376.00	Received	Approved by Councils	
AIP 57 (2020)	\$951,779.00		\$951,779.00	Yes	\$84,115	\$1,035,893.56	Received	Approved by Councils	
AIP 58 (2021) (Confirm)	\$1,088,376.00		\$1,088,376.00	No		\$1,088,376.00	Received	Approved by Councils	
AIP 59 CARES	\$10,500,000.00		\$10,500,000.00	No		\$10,500,000.00	Immediate	Approved by Councils	
AIP 61	\$10,000,000.00		\$10,000,000.00	Yes	\$883,761	\$10,883,761.43	Apr-22	Approved by Councils	
AIP 62	\$7,000,000.00		\$7,000,000.00	Yes	\$618,633	\$7,618,633.00	Jun-22	Approved by Councils	
Infrastructure Funds	\$2,090,000.00		\$2,090,000.00	Yes	\$184,706	\$2,274,706.14	May-22	Needs Authorization	
AIP TBD 2023 Entitlement	\$650,000.00		\$650,000.00	Yes	\$57,444	\$707,444.49	TBD	Needs Authorization	
	\$33,368,531.00	\$3,000,000.00	\$36,368,531.00		\$2,093,788.04	\$38,462,319.04			
Apron Design and Construction									
Projected Grant Numbers	Initial Amount	Amendment	Total Grant	Match Required	Local Match Amount	Total Funding	Available		
AIP 63	\$5,986,069.00		\$5,986,069.00	ARPA	\$0	\$5,986,069.00	Apr-22	Needs Authorization	
AIP 60 (2022 Entitlement +DI)	\$17,000,000.00		\$17,000,000.00		\$1,502,394	\$18,502,394.43	Apr-22	Partial Approved by Councils	
	\$22,986,069.00	\$0.00	\$22,986,069.00		\$1,502,394	\$24,488,463.43			
Total Program Funding				LOCAL FUNDING SOURCES					
Total Federal / CARES Funding	\$59,354,600.00				City of Pullman	\$ 2,000,000.00			
Total Local Match	\$3,596,182.47		\$10,000,000.00		City of Moscow	\$ 2,000,000.00			
Additional Local Contributions	\$6,403,817.53				Airport Funds	\$ 1,000,000.00			
Total Funding	\$69,354,600.00				WSU	\$ 600,000.00			
Apron Funding					U of I	\$ 400,000.00			
Total Federal Funding	\$22,986,069.00				Latah County	\$ 400,000.00			
Total Local Match	\$1,502,394				Whitman County	\$ 400,000.00			
Total Funding	\$24,488,463.43				Port of Whitman	\$ 100,000.00			
Terminal Building Funding					TOTAL PUBLIC FUNDS	\$ 6,900,000.00			
Federal / CARES Funding	\$36,368,531.00				Private Donations	In Progress			
Local Match	\$2,093,788.04				Funding Balance	\$ 34,074.47			
Additional Local Contributions	\$6,403,817.53								
Total Term Funding	\$44,866,136.57								
TOTAL PROGRAM TO DATE	\$69,354,600.00								
POTENTIAL ADDITIONAL FUNDS AVAILABLE									
Additional Fed Funds	\$14,000,000.00	Needs Authorization			2022 Council Request	\$31,986,069.00	Federal and State Grant Funds Applications		
State Fund Potential	\$ 1,000,000.00	Needs Authorization							

Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Building Sizing and Pricing Iterations

Phase 1 – Original Building

Total Project Costs: \$55.7 million

Square Footage: = 40,715 square feet total

Phase 2 – East and West Expansions

Total Project Costs: \$7.7 million target

Square Footage: = 6,374 square feet (additional main level space)

TOTAL BUILDING

Construction Costs: \$57.6 million

Total Project Costs: **\$63.4 million**

Square Footage: 47,089 square feet total

Apron Total Costs: **\$24.4 million**

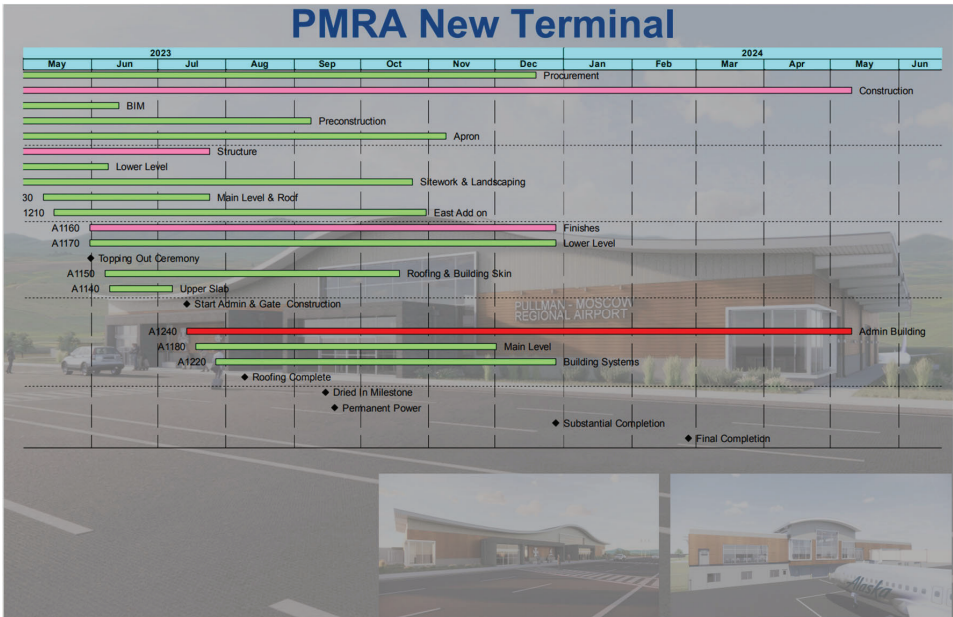
TOTAL PROJECT = ~\$87.8 million

Mead&Hunt

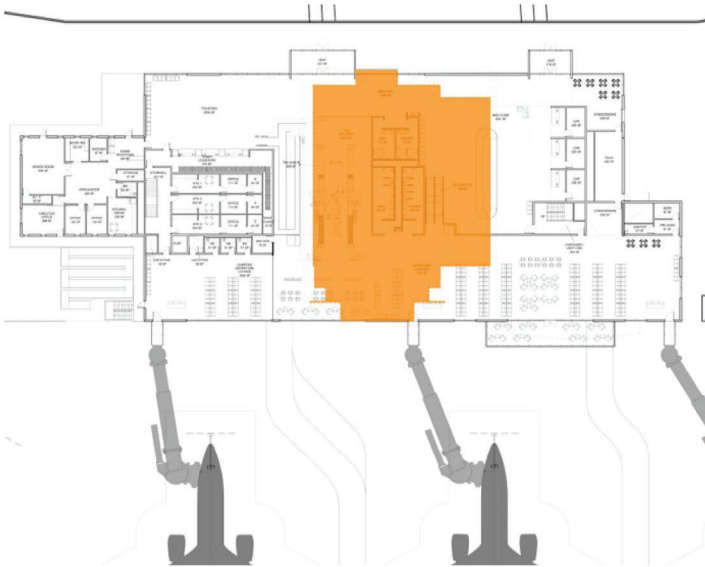


PULLMAN-MOSCOW
REGIONAL AIRPORT

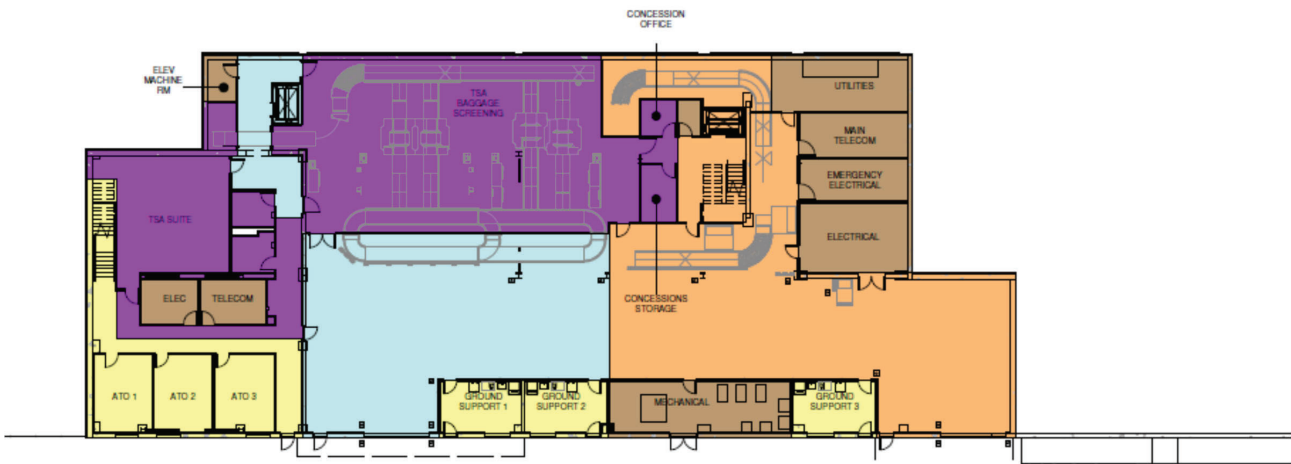
Schedule



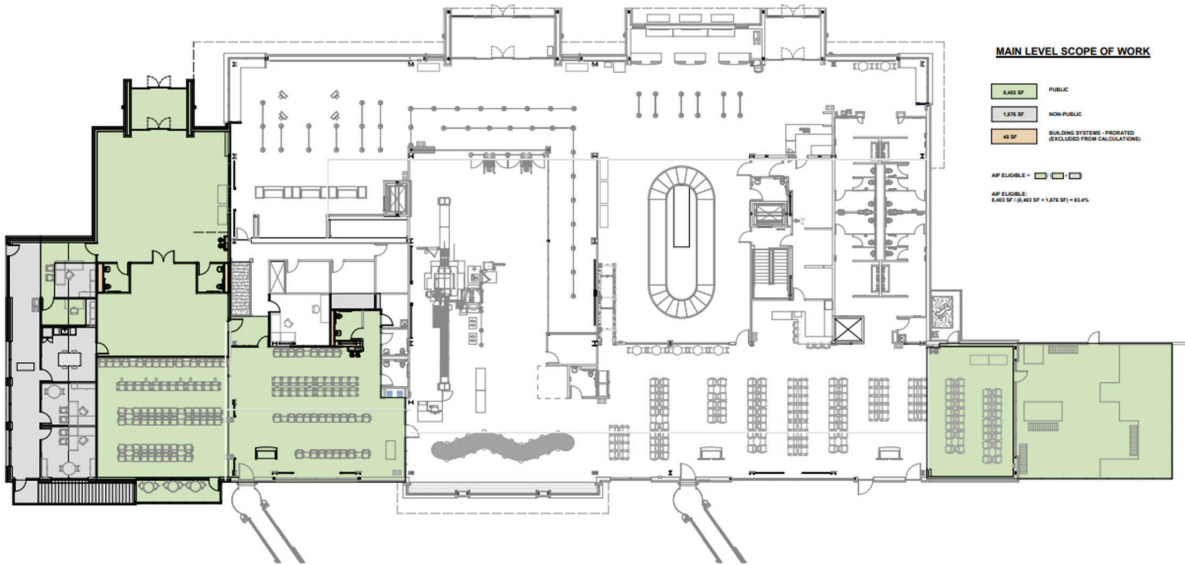
Project Comparison to Existing Terminal



Lower Level



Main Level



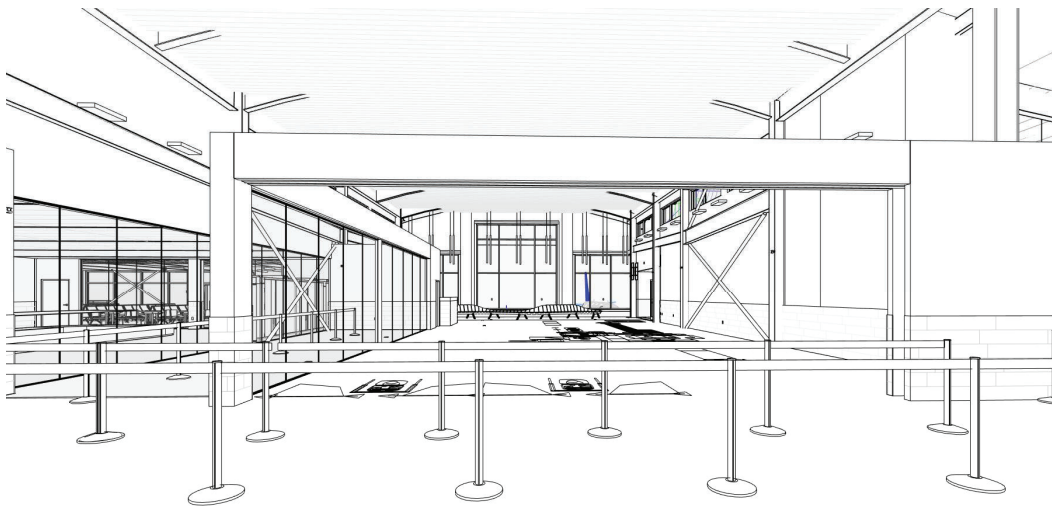
New Terminal Graphic



Mead&Hunt



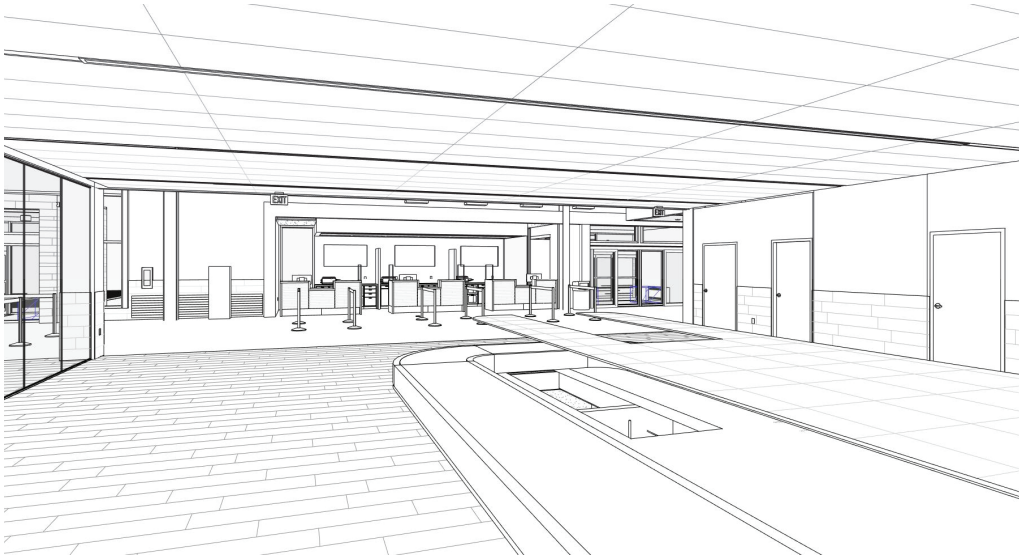
Entrance to Security



Mead&Hunt



Baggage Claim View to Rental Cars



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

View from Boarding Gate

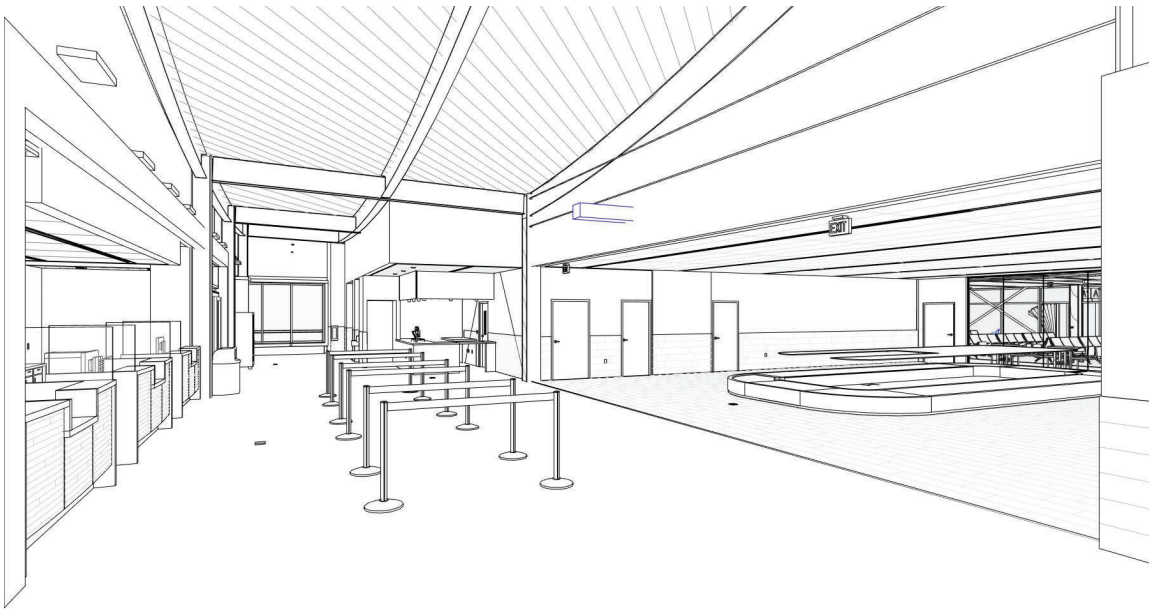


Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

View Main Vestibule East to Rental Cars



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Airline Ticket Counters



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Terminal Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Aircraft Parking Apron Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Aircraft Parking Apron Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Aircraft Parking Apron Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Aircraft Parking Apron Progress



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Aircraft Parking Apron Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Aircraft Parking Apron Progress



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Passenger Growth

Historical Enplanement Growth

2010 – 35,000

2015 – 47,000

2019 – 70,000

Near Term Forecast Summary

- Return to 2019 levels 2022-23 (70,000 enplanements)
- Additional Air Service
- Near Term: Twice daily service to Denver and Portland

Long Range Forecast Summary

- 2030 – 145,000 enplanements
- 2040 – 197,000 enplanements



Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Air Service Development

Air Service Initiatives

- Continued partnership and support of Alaska Airlines.
- Denver
 - PUW was awarded an air service development grant to support initiation of twice daily non-stop service.
 - Aircraft: 50-seat CRJ-200
- Boise
 - Evaluating



Top PUW Market Opportunities

Rank	Destination	Origin Airport %			Total Pax	PDEW
		GEG	PUW	Other		
1	Seattle-Tacoma, WA	40	58	2	75,005	102.7
2	Las Vegas, NV	70	15	16	24,797	34.0
3	Phoenix, AZ (PHX)	73	15	11	19,973	27.4
4	Denver, CO	80	14	6	19,210	26.3
5	Boise, ID	65	23	12	17,118	23.4
6	Los Angeles, CA	43	38	19	16,889	23.1
7	Portland, OR	62	29	9	15,125	20.7
8	Oakland, CA	72	16	12	13,747	18.8
9	San Diego, CA	53	30	17	12,000	16.4
10	Sacramento, CA	62	32	6	11,582	15.9
11	Anchorage, AK	40	38	22	10,865	14.9
12	San Francisco, CA	43	41	16	10,593	14.5
13	San Jose, CA	57	34	9	9,881	13.5
14	Orange County, CA	44	40	16	7,192	9.9
15	Honolulu, HI	40	27	32	5,561	7.6
16	Kahului, HI	53	20	27	5,358	7.3
17	Ontario, CA	64	27	9	5,145	7.0
18	New York, NY (JFK)	34	30	36	4,961	6.8
19	Burbank, CA	63	26	11	4,862	6.7
20	Chicago, IL (ORD)	39	53	18	4,648	6.4
Total Domestic		55	32	13	410,934	562.9
Total International		41	28	31	24,587	33.7
Total All Markets		54	32	14	435,521	596.6

Origin Airport Data 2019: Pre-Runway Opening and COVID

Mead&Hunt



PULLMAN-MOSCOW
REGIONAL AIRPORT

Embraer 175



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

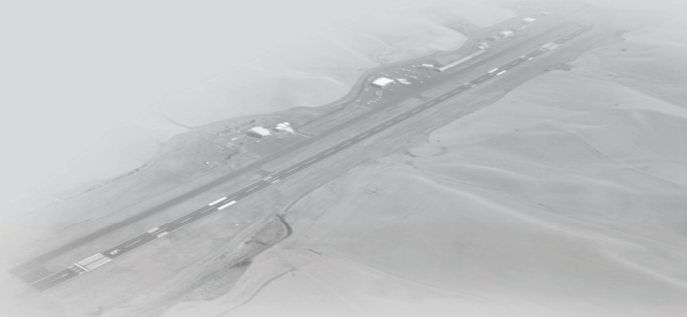
C-17 Globemaster



Mead&Hunt

 PULLMAN-MOSCOW
REGIONAL AIRPORT

Questions



PULLMAN-MOSCOW
REGIONAL AIRPORT

City of Moscow Stormwater Permit and Management Program Update

City Council Meeting
August 21, 2023

Stormwater Permit (October 1, 2019)

- ▶ Applicable to City owned & operated MS4
 - ▶ Effective for 5 years
- ▶ Stipulated timelines for compliance
 - ▶ Full Implementation by April 3, 2024
- ▶ Delayed Utility and User Fees March 2020
 - ▶ Utility Formation Oct. 1, 2021

City of Moscow MS4 Permit NPDES Permit #IDS028398
Page 1 of 66

United States Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, Washington 98101

**Authorization To Discharge Under The
National Pollutant Discharge Elimination System (NPDES)**

In compliance with the provisions of the Clean Water Act, 33 U.S.C. §1251 et seq., as amended
by the Water Quality Act of 1987, Public Law 100-4 (hereafter CWA),

City of Moscow
(hereinafter, "Permittee")

is authorized to discharge from all municipal separate storm sewer system (MS4) outfalls in the
Permit Area described in Part 1.1 to Paradise Creek, South Fork Palouse River, and other
associated waters of the United States, in accordance with the conditions and requirements set
forth herein.

A copy of this Permit must be kept as part of the Permittee's Stormwater Management Program
(SWMP) documentation.

This Permit becomes effective **October 1, 2019**.

This Permit and the authorization to discharge expires at midnight, **September 30, 2024**.

The Permittee must reapply for authorization to discharge on or before **April 3, 2024**, (180 days
before expiration of this Permit), pursuant to Part 8.2 (*Duty to Reapply*), if the Permittee intends
to continue operation and discharges from the MS4 beyond the term of this Permit.

Signed this 5th day of AUGUST, 2019

Daniel D. Opalski
Daniel D. Opalski, Director
Water Division

Public Education & Outreach



29 Classroom Lessons & tours
936 Students reached
79 lessons



15 community events hosted and attended



Stormwater website
96 social media posts



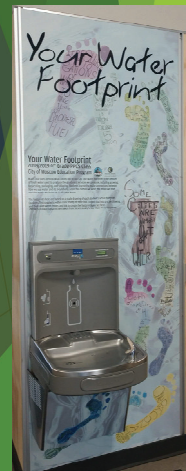
18 Billing newsletter articles



26 Press releases



Public Education & Outreach



Illicit Discharge Detection & Elimination (IDDE)

- ▶ Permit section 3.2: “(City) must implement and enforce a program to detect and eliminate IDDE”
- ▶ Receive reports/complaints from the public
 - ▶ City maintains a dedicated webpage
 - ▶ www.ci.moscow.id.us/Stormwater
- ▶ Respond to reports
- ▶ Track response/actions taken to reports



Stormwater Outfall Monitoring

- ▶ Dry weather outfall screening program
 - ▶ Screen at least 50 outfalls annually
 - ▶ ACM - screen all outfalls in Paradise Creek drainage
 - ▶ $\frac{3}{4}$ complete
- ▶ Monitor for illicit discharges
 - ▶ Identify source of dry weather flows (lab analysis)
- ▶ Eliminate source of ongoing illicit discharges



Construction Site Stormwater Runoff Control

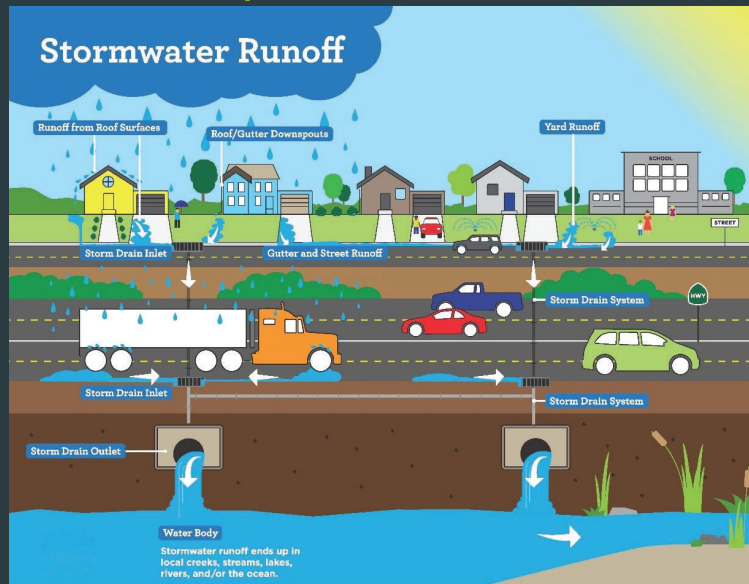
- ▶ Framework to address disturbances greater than one (1) acre
- ▶ Preconstruction Site Plan Review
 - ▶ Must submit Erosion and Sediment Control Plan
- ▶ Construction Site Inspection and Enforcement
 - ▶ Past 12 months:
 - ▶ 406 routine inspections
 - ▶ 10 Illicit Discharge reports
 - ▶ 9 Misc. compliance reports



Enforcement Response Policy (ERP)

- ▶ Section 3.3.6: “ (City) must develop, implement and maintain a written escalating ERP”
- ▶ Must address enforcement of construction runoff controls
- ▶ Must describe potential response to violations
- ▶ Initiated education and outreach in 2023
- ▶ Formal policy for Council consideration soon

Stormwater Operations & Maintenance



Stormwater Operations & Maintenance

The Operations Group



Stormwater Operations & Maintenance

What's the size of the
Stormwater System in Moscow?

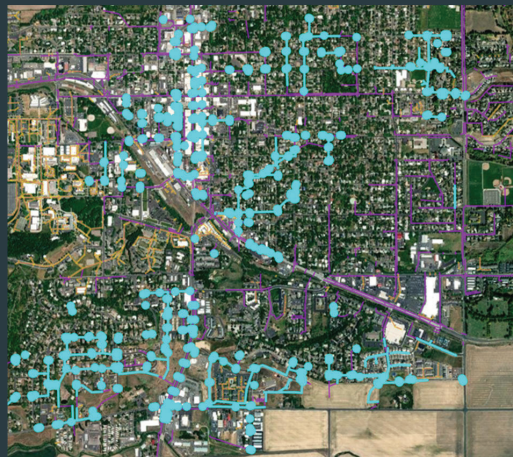


70 Miles of
Stormwater Mains
(= the distance
from Moscow to
Worley)



Stormwater Operations & Maintenance

900+ Maintenance Work Orders Completed



Stormwater Operations & Maintenance

493 Stormwater Catch Basin Drains Cleaned
Approx. 52,000 linear feet of storm pipe



Stormwater Operations & Maintenance

Spill Response

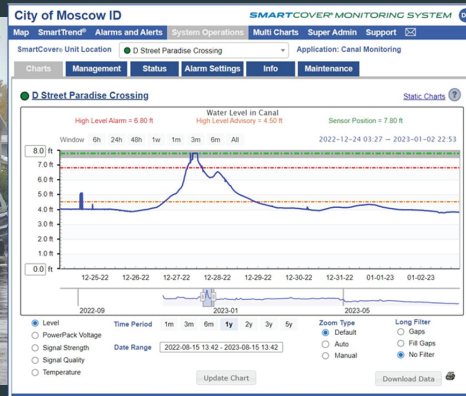


We respond to all reports of illegal dumping into the storm system.

We cleanup and mitigate further spread of contaminants before it enters our local water ways.

Stormwater Operations & Maintenance

Flood Response



Stormwater Operations & Maintenance

Street Sweeping Matters!



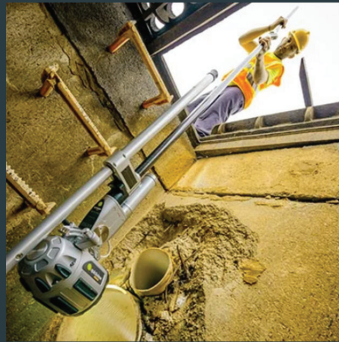
34,506 cubic feet of debris removed from City streets since January 1st of this year.

115,317 cubic feet of debris has been removed from City streets since the Stormwater Utility was created.

Street Sweeping is the first line of defense to keeping our storm system clear and functioning.

Stormwater Operations & Maintenance

Condition Assessments using technology



We have added a variety of tools to help assess the condition of the stormwater system.

- 1) CCTV
- 2) Jet Scan
- 3) Rapid Pole Camera

Stormwater Operations & Maintenance

Repair and Improvements



Stormwater Operations & Maintenance

Animal Rescues



Next Steps

- ▶ Permit compliance schedule
 - ▶ Good housekeeping measures, staff training
- ▶ Continue implementation of construction site runoff control process/review & ERP implementation
- ▶ Changes/updates to City Code:
 - ▶ IDDE
 - ▶ Design Standards (ESC and Permanent SW Controls)
- ▶ Reapply by April 2024



Questions?