



**BOARD OF COMMISSIONERS AGENDA
MONDAY, OCTOBER 21, 2024
5:30 PM - COMMISSION ROOM – 116 W CENTER ST**

Please join the Zoom meeting from your computer, tablet or smartphone.
<https://us06web.zoom.us/j/84399033939> | Meeting ID: 843 9903 3939
You can also dial in using your phone.
+1 312-626-6799

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

ADOPT AGENDA

CONSENT CALENDAR

- 1) Minutes – October 7, 2024
- 2) Bills for Approval – October 23, 2024
- 3) Bills for Ratification – October 16, 2024
- 4) Payroll Bills for Ratification – October 11, 2024
- 5) Designate Amy Sad, Finance Officer, as authorized representative of the City of Madison in 2019 Infrastructure Disaster Recovery Program Agreement
- 6) Authorize Mayor to Sign Grant Pre-Application for BIL-AIG #3-46-0029-027-2025
- 7) Authorize Mayor to Sign Grant Pre-Application for AIP #3-46-0029-028-2025
- 8) Authorize Mayor to Sign Grant Pre-Application for AIP #3-46-0029-029-2025

UNFINISHED BUSINESS

- 9) Approve Second Reading of Ordinance No. 1673 - To Repeal and Replace Chapter 18 Floods
- 10) Consider Award of Bid No. 962 - City Library Ramp

NEW BUSINESS

- 11) Approve First Reading of Ordinance No. 1672 - 2025 Appropriations
- 12) Public Meeting - Egan Avenue Reconstruction RD Funding Application
- 13) Resolution 2024-35 - Authorizing Bond Anticipation Notes
- 14) Consider award of Bid 961 Recycling Center Operational Services
- 15) Authorize Mayor to Sign Change Order No. 7 - Madison Water System Improvements Phase 1A - J&J Earth Works, Inc.
- 16) Authorize Mayor to Sign Change Order No. 3 - Madison Water System Improvements Phase 1B - J&J Earth Works, Inc.
- 17) Authorize Mayor to Sign Change Order No. 1 - Park Creek Walls Improvements Site 1 and Site 3 - Kesteloot Excavation
- 18) October Finance Updates

PUBLIC COMMENT

ANNOUNCEMENTS

19) Next Regular Commission Meeting – Monday, November 4, 2024

ADJOURN

Anyone wishing to speak to an item on the agenda must be acknowledged by the chair and come to the podium to address the Mayor and City Commission. Addressing other audience members will not be permitted.

Supplementary agenda information may be accessed at www.cityofmadisonsd.com

If special accommodations are necessary to attend any Board of Commissioners meeting, please contact the Finance Office at (605) 256-7500 at least 24 hours before meeting time. All attempts shall be made to accommodate a request.

**CITY OF MADISON
BOARD OF COMMISSIONERS PROCEEDINGS
MADISON, SD 57042**

October 7, 2024
Regular

The Board of Commissioners of the City of Madison met in regular session at 5:30 p.m. on the 7th day of October with the following members present upon roll call: Commissioners Kelly Dybdahl, Sarah Cronin, Jerae Wire, Adam Shaw, and Mayor Lindsay.

The Pledge of Allegiance was recited.

Motion by Commissioner Shaw, seconded by Commissioner Cronin to adopt the October 7, 2024 agenda. Motion carried unanimously.

Motion by Commissioner Cronin, seconded by Commissioner Wire to approve the following items on the consent calendar: Minutes - September 16, 2024; Minutes – September 23, 2024; Bills for Approval – October 9, 2024; Bills for Ratification – September 25 & October 2, 2024; Payroll Bills for Ratification – September 27, 2024; Personnel; Set Bid Date – Bid #963 – Furnishing Padmount Transformers; Acknowledge Bid Date – Bid #964 – Armory Roof Project – October 22, 2024 at 2:30pm; Set Bid Date – Water System Improvements Segment 5B – October 29, 2024 at 2:00pm.

Bills for Approval – October 9, 2024

ACE HARDWARE Tile Tools \$194.41; ALLEGRA Postcards \$50.12; AMERICAN FENCE COMPANY OF SOUTH DAKOTA Fence \$12,202.06; AMERT CONSTRUCTION CO Parks Restroom Project \$22,050.00; APPEARA Mat Rentals \$281.77; ARGO/MELANIE Travel Reimbursement (SDLA Conference) \$495.48; ASPHALT SURFACING COMPANY Water System Improvements \$948,063.91; AT & T MOBILITY Library Phones and Data \$260.72; AVERA MCKENNAN HOSPITAL Drug Testing/Collection Fees \$525.00; BANNER ASSOCIATES INC Services \$197,780.76; BORDER STATES ELECTRIC SUPPLY Mule Tape - Interduct \$901.14; BORNS GROUP INC Printing & Postage \$1,054.14; BOUND TO STAY BOUND INC Books \$285.30; BUTLER MACHINERY CO Generator Repairs \$3,451.93; CARQUEST OF MADISON Chainsaw Fuel \$30.00; CENTURY BUSINESS PRODUCTS INC Copier Lease \$278.25; CHAMBERLAIN OIL CO Total Power \$313.54; CHRISTIANSEN COMPLETE WATER Filters, Service Call \$139.17; CLASSIC CONVENIENCE INC Fuel \$576.00; COLES PETROLEUM PRODUCTS INC #2 Diesel - Generation Plant \$19,035.22; CORE & MAIN GP LLC 12' Hydrant Ext Kit & Blade \$3,729.42; DAHL/KESTER Part-time Animal Control \$400.00; DAKOTA SUPPLY GROUP INC Fuseholder Pigtail \$237.39; DAVE'S CONSTRUCTION INC Hydrant Meter Voucher \$500.00; DESIGNARC GROUP LLC Water Shop \$11,625.00; ELITE CARD PAYMENT CENTER Credit Card Purchases through 9/17/24 \$6,366.38; F & M COOP OIL CO Fuel \$598.30; FLEET PRIDE Filters \$271.95; FREDERICK/MICHAEL Books \$50.00; GALE CENGAGE LEARNING Books \$391.29; GALES-LOYD/KATHERINE Travel Reimbursement \$219.76; GRAHAM TIRE COMPANY Tires \$605.32; HEGG CONSTRUCTION LLC Public Works Bldg Renovation \$84,241.07; HYDRO KLEAN LLC Phase 1A Sanitary Sewer CIPP Lining \$18,310.79; INGRAM CO Books \$775.37; J H LARSON ELECTRICAL CO Electrical Materials \$237.69; JOURNEY GROUP COMPANIES City Admin Bldg \$801,466.89; KESTELOOT EXCAVATION AND DIRT WORKS SERVICES Park Creek Walls Improv \$905,714.29; KINGBROOK RURAL WATER SYSTEM INC Water \$154.15; KLJ ENGINEERING LLC Egan Ave Reconstruction \$82,472.88; KRUG PRODUCTS INC Hose \$71.90; LAKE VETERINARY CLINIC Selarid, Nexgard \$248.68; LEWIS & CLARK REGIONAL WATER SYSTEM Purchased Water \$12,467.00; MARKOS REPAIR Blades, Chains \$190.29; MICROMARKETING LLC Book \$26.99; MIDWEST TAPE LLC Advance Digital Payment \$9,500.00; MINNESOTA MUNICIPAL UTIL ASSN Job Training & Safety Program (Qtrly) \$1,181.25; MP NEXLEVEL LLC OF MN 2024 Electric Conversion \$99,651.98; MUSTANG SEEDS INC Lawn Mix \$70.00; NEPTUNE BENSON INC Pool Grating \$14,959.68; NORTHWESTERN ENERGY Utilities \$83.83; OFFICE PEEPS INC Office Supplies \$169.98; OPEN ACCESS TECHNOLOGY INT'L AMI Dues and Subscriptions \$6,617.75; PENGUIN RANDOM HOUSE LLC Book \$33.75; PRUNTY CONSTRUCTION CO INC Water System Improvements \$54,311.26; RAILROAD MGMT CO III LLC Powerline Crossing \$417.05; REINICKE CONSTRUCTION INC Sand & Black Dirt \$2,857.45; RESYKLE LLC Steel Shaft \$9.30; RUNNINGS SUPPLY INC Saw, Batteries, PPE \$1,412.65; RURAL ELECTRIC SUPPLY COOP Milbank Material \$3,949.90; SD DEPT OF REVENUE Malt Bev App Fee - State Portion \$150.00; SIOUX VALLEY ENERGY Utilities \$77.00; STUART IRBY TOOL CO Hotline Clamps \$372.00; STURDEVANTS MADISON INC Tools \$614.96; SWEETMAN CONSTRUCTION CO DBA KNIFE RIVER G-2 Asphalt \$3,391.50; TALK THE TEE Uniforms \$345.00;

THE PENWORTHY CO LLC Books \$413.69; US DEPT OF ENERGY Fixed Fee Trust Billing - 2024 \$500.00; USA BLUE BOOK Chemicals \$344.63; WESCO DISTRIBUTION INC Bid #932 - Primary Wire / 500 MCM Cable \$118,126.56; WINTER CONTRACTING LLC NW 9th St/Union Ave Reconstruction \$41,665.12.

Bills for Ratification –September 25, 2024

ACE HARDWARE Hardware \$30.45; AMAZON CAPITAL SERVICES INC Storage Boxes/Books/Video Games \$845.28; APPEARA Mat Rentals \$28.16; AVERA MCKENNAN HOSPITAL Annual EAP Service Contract \$2,304.00; BAKER & TAYLOR Books \$114.12; BARGAIN BARN TIRE CENTER Tires \$1,124.80; BLOM/JED CISA Conf - Cheyenne, & SD OEM Training - Oacoma \$252.34; BORDER STATES ELECTRIC SUPPLY WR189 \$174.00; BORNS GROUP INC Printing & Postage \$1,583.44; BUFFALO RIDGE CONCRETE INC Concrete \$581.00; BUILDERS FIRSTSOURCE Lumber \$36.93; C&R FIRE SUPPRESSION DBA DVL FIRE AND SAFETY Recharge Fire Extinguishers \$213.00; CANFIELD BUSINESS INTERIORS New City Hall Furniture & Installation \$301,983.92; CARQUEST OF MADISON Spark Plugs/Air Filter/Power Foam \$38.37; CITY OF SIOUX FALLS Pool/Spa Bacteria Testing \$264.00; CLASSIC CONVENIENCE INC Fuel \$73.92; COLUMN SOFTWARE PBC Publications \$513.07; CORE & MAIN GP LLC Corp Stop \$128.29; DAKOTA STATE UNIVERSITY July 2024 Utilities \$13,735.79; DGR ENGINEERING Green Sub Improvements \$10,208.93; DIESEL MACHINERY INC Circuit Board \$3,767.60; EAST RIVER ELECTRIC POWER COOP Monthly Transmission Services \$28,918.80; ENVIRONMENTAL PRODUCTS & ACCESS Parts \$3,457.42; ETTERMAN ENTERPRISES INC Grinding Disc \$154.93; F & M COOP OIL CO DEF \$11.80; FASTENAL CO Hardware \$156.91; FIRST BANK & TRUST - HEARTLAND ENERGY Heartland Energy \$433,455.29; FRANKEN/KENNEN Circuit 30 \$84.00; GALE CENGAGE LEARNING Books \$223.93; GANT/BEN Tac Medic Training/Search & Seizure \$282.00; GRAINGER Lights \$144.68; GRAVNING/MIKE Advanced SWAT \$96.00; HEIMAN INC Pump/Primer \$3,426.87; INFOTECH SOLUTIONS LLC Computer & Software Subscription Fees \$13,365.38; INGRAM CO Books \$36.17; JOHNSON BROTHERS EXCAVATION Service, Sand \$644.63; JOSH'S TOOLS LLC Crimp Cutter \$60.00; JT MECHANICS Towing \$95.00; KRUG PRODUCTS INC Hose Assembly \$42.89; M & T FIRE AND SAFETY, INC Straight Gate Valve \$1,651.48; MADISON GROCERY STORE INC ASP Groceries \$278.14; MICROMARKETING LLC Books \$129.46; MIDCONTINENT COMMUNICATIONS Business Internet \$183.92; NIELSEN/SEAN Advanced SWAT \$96.00; NORTHWESTERN ENERGY MMU Generator \$2,024.28; OFFICE PEEPS INC Janitorial Supplies \$1,319.94; OLINGER/SAVANNAH 3CMA Conf - Arlington, TX \$1,152.43; PENGUIN RANDOM HOUSE LLC Books \$87.70; PETE LIEN & SONS INC Chemicals \$6,047.80; PLAYAWAY PRODUCTS INC Books \$1,329.83; PORTA PROS INC DBA A-1 PORTABLE TOILETS Toilet Rentals \$306.00; POWERPLAN OIB Fuel Conditioner \$132.00; PROCHEM DYNAMICS LLC Janitorial Supplies \$349.47; PROSTROLLO AUTO PLAZA CO Bumper \$52.50; RAMKOTA HOTEL & CONF CENTER - PIERRE Lodging - Ben Gant \$218.00; RASMUSSEN/AUTUMN Classes at Community Center \$56.00; RC FIRST AID First Aid Kit \$92.00; RIGGIN/MORRIS A Fuel Stipend - 2nd Qtr 2024 \$3,773.40; RUNNINGS SUPPLY INC Antifreeze \$531.08; RURAL ELECTRIC SUPPLY COOP Elbow - 4/0 \$6,352.00; SAME DAY EXPRESS Delivery to Sioux Falls Public Health Lab \$60.00; SCHOENFISH & CO INC 2022 Annual Report \$3,500.00; SD MUNICIPAL LEAGUE Annual Conference - Amy Sad \$125.00; SONNEL TECHNOLOGIES LLC 2024 Ford Police Utility - Remaining Pymt \$37,578.40; STURDEVANTS MADISON INC Filters \$962.10; SWEETMAN CONSTRUCTION CO DBA KNIFE RIVER G-2 Asphalt \$2,436.00; TIMMER SUPPLY CO Parts \$46.27; USA BLUE BOOK Chemicals \$695.90; WHEALY/MARK Spin Classes \$57.00; WICK COMMUNICATIONS CO/155-C Yearly Subscription - City Hall \$137.40.

Bills for Ratification – October 2, 2024

ACE HARDWARE Stud Finder \$39.98; AMERICINN FORT PIERRE Lodging - Matt Feistner \$545.00; APPEARA Entry Mats - WTP/WWTP \$126.14; APPLIED CONCEPTS INC Lidar Gun \$542.50; AT & T MOBILITY Service for Phone & Tablets \$2,561.64; BELLATOR MEDICAL LLC Flashlight \$139.00; BEST WESTERN PLUS-SIOUX FALLS Lodging - G. Gonyo \$239.98; BLOM/JED Uber/Checked Bag - ICMA Conf Pittsburgh, PA \$72.88; BLUEPEAK Phone & Internet \$4,032.35; CARQUEST OF MADISON Spark Plugs & Gas For Saw \$84.16; CHRISTIANSEN COMPLETE WATER Carbon Filter \$107.95; COLUMN SOFTWARE PBC Publications \$47.65; CORE & MAIN GP LLC 4", 6" & 10" Plastic To Plastic Fernco \$73.74; DETCO HD Hand Wipes \$501.62; DGR ENGINEERING Professional Services \$7,767.92; FASTENAL CO Coupling \$43.01; FRANKEN/KENNEN Circuit 30 \$42.00; GEOTEK ENGINEERING & TESTING City Admin Building Project \$807.00; GREAT AMERICA FINANCIAL SVCS HR Copier Lease \$318.99; HASLETON/JARED Classes at Community Center \$950.75; HAWKINS INC Chemicals \$3,390.00; HEIMAN INC Leather Front \$248.97; HILLYARD INC Paper Towels \$57.62; HOLIDAY INN EXPRESS Lodging - Aaron Talich \$327.00; JENCKS & JENCKS PC October Services/Contract \$5,500.00; KESTELOOT EXCAVATION AND DIRT WORKS SERVICES Park Creek

Walls Improv \$728,441.48; KIMBALL MIDWEST Shop Supplies, Foam Cannon \$65.84; KOLORWORKS Paint - Animal Shelter \$31.99; LAKE COUNTY INTERNATIONAL INC Light \$31.02; LEWIS DRUGS INC Glade/ Glass Cleaner/ Scrub \$115.31; LINDSAY JR/ROY J Mileage - Meeting with 1st District - Watertown \$85.76; M & T FIRE AND SAFETY, INC Parts \$41.50; MADISON GROCERY STORE INC ASP Groceries \$142.38; MARCO TECHNOLOGIES CC Copier Lease \$285.47; MIDWEST CARD AND ID SOLUTIONS LLC K30D Dual Sided Retransfer \$5,965.00; NORTHWESTERN ENERGY Utilities \$30.47; O REILLY AUTOMOTIVE INC Filters \$88.45; OFFICE PEEPS INC Copier Contract \$457.44; ONE STOP Fuel \$52.60; PHEASANTLAND INDUSTRIES Clothing Order \$2,681.78; PITNEY BOWES INC Red Ink/Pad Replacement Kits \$129.45; PORTA PROS INC DBA A-1 PORTABLE TOILETS Toilet Rental - Memorial Park \$175.00; PROCHEM DYNAMICS LLC Janitorial Supplies \$169.64; REINICKE CONSTRUCTION INC Pea Rock \$429.77; RUNNINGS SUPPLY INC Work Light/Power Cable \$110.44; SAD/AMY Mileage/Airport Parking - ICMA Conf Pittsburg, PA \$176.68; SAME DAY EXPRESS Delivery to Sioux Falls Public Health Lab \$20.00; SD PUBLIC HEALTH LABORATORY Water Samples \$340.00; SECURE ENTERPRISE ASSET MANAGEMENT Surplus Equipment \$1,213.10; STURDEVANTS MADISON INC Grease Tubing Screw Pump \$79.37; SWEETMAN CONSTRUCTION CO DBA KNIFE RIVER G-2 Asphalt \$4,885.50; TALICH/AARON CISM Training - Pierre \$120.00; THE ELECTRIC CO OF SD Hydrant Meter Reimbursement \$500.00; TIMMER SUPPLY CO Parts \$177.96; ULINE Trash/Recycling Containers \$83.98; UTILISMART CORPORATION Utility Data/Device Manager and SmartMAP \$1,881.83; VERIZON BUSINESS ASP Monthly Cell Service \$118.42; WESTERN BRANCH MARTIAL ARTS Tang Soo Do \$336.00; WHEALY/MARK Spin Classes \$57.00.

Payroll Bills for Ratification – September 27, 2024

Health Pool of South Dakota \$49,281.01; IRS-EFTPS \$49,326.29; Office-Child Support Enforce \$835.38; SD Retirement System \$26,434.68; SD Retirement System \$8,589.28.

Mayor Lindsay opened the Public Hearing – Application for Retail Malt Beverage License – Los Tapatios Mexican Store. No comments or questions were presented, therefore the hearing closed.

Motion by Commissioner Dybdahl, seconded by Commissioner Shaw to Approve Retail Malt Beverage License – Los Tapatios Mexican Store. Motion carried unanimously.

Motion by Commissioner Cronin, seconded by Commissioner Wire to Approve First Reading of Ordinance No. 1673 – To Repeal and Replace Chapter 18 Floods. Motion carried unanimously. This ordinance completely replaces the existing flood chapter. FEMA will implement new floodplain maps in November.

Motion by Commissioner Dybdahl, seconded by Commissioner Shaw to Set Date of Public Meeting – Egan Avenue Reconstruction RD Funding Application – October 21, 2024 at 5:30 pm. Motion carried unanimously.

Motion by Commissioner Wire, seconded by Commissioner Dybdahl to Approve Advertising Notice of Intent – Application for USDA Rural Development Funding. Motion carried unanimously.

Motion by Commissioner Cronin, seconded by Commissioner Shaw to Approve 2019 Infrastructure Disaster Recovery Program Agreement – SD Dept of Public Safety. Motion carried unanimously. This agreement is tied to the 2019 disaster declaration and allows us to seek interim financing for the creek wall repairs, as reimbursement from FEMA does not come until the project is complete.

Motion by Commissioner Shaw, seconded by Commissioner Cronin to Table item Consider Award of Bid No. 962 – City Library Ramp. Motion carried unanimously. Only one bid was received at over \$200,000.

Motion by Commissioner Shaw, seconded by Commissioner Dybdahl to approve Award of Bid – Park Creek Walls Improvements – Site 2 to Kesteloot Excavation. Motion carried unanimously.

Brooke Rollag, LAIC Executive Director, was present to provide an update on the Early Learning Center. Groundbreaking is scheduled for October 22 at 4:00 pm.

City Administrator Berreth presented the monthly project updates.

Mayor Lindsay announced the following:

- Next Regular Commission Meeting – Monday, October 21, 2024 at 5:30 pm

Motion by Commissioner Cronin, seconded by Commissioner Wire to move to Executive Session at 6:04 pm. Motion carried unanimously.

Commissioner Shaw declared the Commission out of Executive Session at 9:10 pm, seconded by Commissioner Cronin. Motion carried unanimously.

Motion by Commissioner Shaw, seconded by Commissioner Dybdahl to adjourn at 9:11 pm. Motion carried unanimously.

/s/Amy Sad
Finance Officer

BIL/AIG Grant Application Checklist

AIRPORT NAME: Madison Municipal Airport DATE: 10/10/24

SYSTEM FOR AWARD MANAGEMENT (SAM) CAGE CODE #: 712D2

SYSTEM FOR AWARD MANAGEMENT (SAM) EXPIRATION DATE: 8/29/2025

This checklist (and attached instructions) is a tool to assist a grantee (airport sponsor) in identifying the requirements and considerations associated with preparing an Airport Improvement Program (AIP) grant application package for submittal to the FAA. Airport sponsors should read and consider each of the items carefully. **Some of the items can be answered by simply checking the “Yes” and “No” boxes while others require providing additional information as part of the airport’s request for AIP funds.**

Ref.		Yes	No	N/A	Comments Attached
ITEMS REQUIRED TO COMPLETE APPLICATION REVIEW:					
1.	Standard Form 424 <i>(signed)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
2.	Project Cost Breakdown <i>(attached)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
3.	Project Sketch <i>(at the request of the ADO)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
4.	Project Narrative <i>(attached or within Form 5100-100/101 Part IV)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
5.	Form 5100-100 (parts II – IV) <i>(airport development grants)</i> Form 5100-101 (parts II- IV) <i>(planning grants)</i>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
6.	Bid Tabulations/Negotiated Amounts <i>(attached or previously submitted to the ADO)</i>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
7.	Exhibit A <i>(attached or previously submitted to the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
8.	Title Certificate or Long Term Lease Agreement <i>(at the request of the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>

Form 5100-100 and Bid Tabulations will be provided with the final grant application

Application for Federal Assistance SF-424

*1. Type of Submission:

- Preapplication
- Application
- Changed/Corrected Application

*2. Type of Application

- New
- Continuation
- Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

*3. Date Received:

4. Applicant Identifier:

MDS

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*a. Legal Name: City of Madison

*b. Employer/Taxpayer Identification Number (EIN/TIN):
46-6000272

*c. UEI:
MTC8CUH8MNQ6

d. Address:

*Street 1: 116 W Center Street
 Street 2: _____
 *City: Madison
 County/Parish: Lake
 *State: Province: SD
 *Country: United States of America
 *Zip / Postal Code 57042-0116

e. Organizational Unit:

Department Name:
Madison Municipal Airport

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr. *First Name: Roy
 Middle Name: _____
 *Last Name: Lindsay
 Suffix: _____

Title: Mayor

Organizational Affiliation:
City of Madison, South Dakota

*Telephone Number: 605-256-7500

Fax Number:

*Email: roy.lindsay@cityofmadisonsd.com

Application for Federal Assistance SF-424

***9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Pick an applicant type

Type of Applicant 3: Select Applicant Type:

Pick an applicant type

*Other (Specify)

***10. Name of Federal Agency:**

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

***12. Funding Opportunity Number:**

*Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

***15. Descriptive Title of Applicant's Project:**

Reconstruct Apron and Taxilane

- Construction cost (this BIL grant is for a portion of construction cost, remaining costs will be in separate AIP grant)

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

16. Congressional Districts Of:

*a. Applicant: SD - At Large

*b. Program/Project: SD - At Large

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 06/01/2025

*b. End Date: 10/31/2025

18. Estimated Funding (\$):

*a. Federal	\$ 185,250
*b. Applicant	\$ 4,875
*c. State	\$ 4,875
*d. Local	\$ 0
*e. Other	\$ 0
*f. Program Income	
*g. TOTAL	\$ 195,000

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on _____ .
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

***20. Is the Applicant Delinquent On Any Federal Debt?**

- Yes No

If "Yes", explain:

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. *First Name: Roy
Middle Name: _____
*Last Name: Lindsay
Suffix: _____

*Title: Mayor

*Telephone Number: 605-256-7500

Fax Number:

* Email: roy.lindsay@cityofmadisonsd.com

*Signature of Authorized Representative:

*Date Signed:

Application for Federal Assistance SF-424	
Authorized State Representative:	
*First Name: Jack	
*Last Name: Dokken	
*Title: Program Manager, Office of Air, Rail and Transit	
*Telephone Number: 605-773-3574	Fax Number: 605-773-2804
*Email: jack.dokken@state.sd.us	
*Signature of Authorized Representative:	*Date Signed:



**Opinion of Probable Costs
 Madison Municipal Airport
 Madison, South Dakota
 KLJ #2405-00194
 BIL-AIG #3-46-0029-027-2025
 AIP #3-46-0029-028-2025
 Reconstruct Apron and Taxilane**



Construction and Supplemental Costs		
Construction Cost Estimate (eligible)	\$	609,500.00
Construction Cost Estimate (ineligible)		74,000.00
Administration (not part of Engineering agreement)		1,500.00
Independent Fee Estimate (Estimated)		4,000.00
CA/CO, Construction Staking, Materials Testing, and Closeout (Estimated)		176,000.00
Total Estimated Construction Costs	\$	865,000.00
Total Estimated Eligible Construction Costs	\$	791,000.00

Opinion of Probable Funding - BIL-AIG Grant split		
Split Portion of Estimated Eligible Construction Costs	\$	195,000.00
Estimated Federal Share (95%)		185,250.00
Estimated State Share (2.5%)		4,875.00
Estimated Local Share (2.5%)		4,875.00

Opinion of Probable Funding - AIP Grant split		
Split Portion of Estimated Eligible Construction Costs	\$	596,000.00
Estimated Federal Share (95%)		566,200.00
Estimated State Share (2.5%)		14,900.00
Estimated Local Share (2.5%)		14,900.00



PROJECT WORK DESCRIPTION

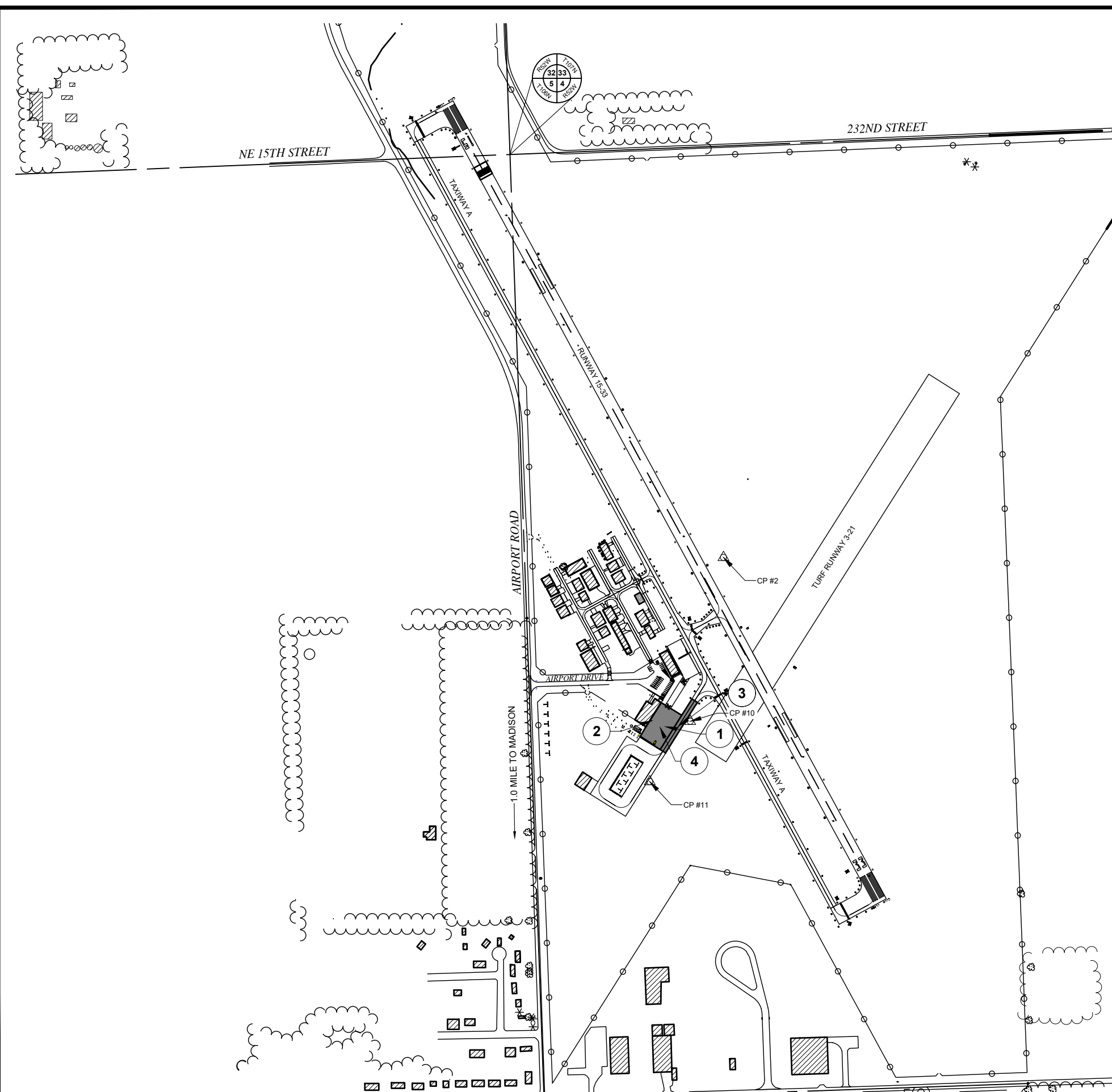
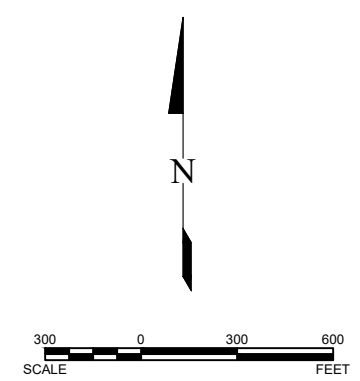
- 1 REMOVE EXISTING ASPHALT PAVEMENT (APPROX. 4,247 SY)
- 2 REMOVE EXISTING CONCRETE PAVEMENT (APPROX. 160 SY)
- 3 RECONSTRUCT ASPHALT FBO TAXILANE (APPROX. 35' x 330')
- 4 RECONSTRUCT ASPHALT FBO APRON (APPROX. 3,263 SY)

BASIS OF ESTIMATE

REMOVE & DISPOSE OF ASPHALT PAVEMENT - FULL DEPTH (P-101) -	AVERAGE DEPTH ASPHALT PAVEMENT: ±4" APRON
TOPSOIL REMOVAL (P-152) -	STRIP 6" OVER ALL EXCAVATION OR EMBANKMENT AREAS. (INCLUDED IN UNCLASSIFIED EXCAVATION QUANTITY FOR PAYMENT)
EMBANKMENT (P-152) -	15% ADDITIONAL VOLUME HAS BEEN ADDED FOR SHRINKAGE
SEPARATION GEOTEXTILE (P-154) -	ACTUAL S.Y., NO OVERLAP INCLUDED
SUBBASE MATERIAL (P-154) -	COMPACTED VOLUME IN PLACE
AGGREGATE BASE COURSE (DOT-260) -	COMPACTED VOLUME IN PLACE
HOT MIX ASPHALT (HMA) PAVEMENT (DOT-320) -	150 LBS/C.F.
EMULSIFIED ASPHALT TACK COAT (P-603) -	0.05 GAL./S.Y.
TOPSOIL REPLACEMENT (T-905) -	MEASUREMENTS MADE USING DTM SURFACES (PAID FOR AS TOPSOILING)

BENCH MARK LIST			
NO.	DESCRIPTION	LOCATION	ELEVATION
CP 2	FAA MDS-A	N629,963.93 E2,822,643.94	1,709.88'
CP 10	REBAR	N629,091.27 E2,822,461.10	1,710.55'
CP 11	REBAR	N628,729.16 E2,822,237.77	1,711.34'

NOTE: CONTRACTOR SHALL VERIFY CONTROL POINTS IN THE FIELD PRIOR TO CONSTRUCTION.



NO.	DATE	REVISION

DRAFTED
MWS
REVIEWED
ARS
PROJECT NUMBER
2405-00194
ISSUE DATE
09/12/2024

RECONSTRUCT APRON AND TAXILANE
MADISON MUNICIPAL AIRPORT - CITY OF MADISON
MADISON, SOUTH DAKOTA
PROJECT WORK DESCRIPTION & BASIS OF ESTIMATE

SHEET
5

Madison Municipal Airport

Project Narrative – Reconstruct Apron and Taxilane

Madison Municipal Airport has a Fixed-Base Operator (FBO) that serves the airport and surrounding aviation community. The Apron and a 100’ portion of taxilane pavement have surpassed their useful life and are in need of reconstruction.

The 2021 Pavement Condition Index (PCI) of the Apron and Taxilane is summarized in Table 1 below:

Table 1 - 2021 Pavement Condition Index Summary

Location Tag	Pavement	Constructed year	PCI
4110	Apron	1992	18 (Failed)
205	Taxilane	1992	26 (Failed)

The FAA AC 150/5320-6G states that pavements with a PCI of 55 (Poor) or less are eligible for reconstruction. The existing pavements have PCI values well below the threshold and considered in the failed condition.

The apron is used for fueling, flight school operations, as well as transient aircraft by the general public that use the airport. The flight school operates a variety of aircraft including Piper Aztec, Piper Cherokee and Cessna 172. According to FAA Traffic Flow Management System data, these ADG-I/TDG-1A aircraft accounted for over 2,700 operations. The taxilane will be utilized by ADG-II/TDG-2A aircraft.

This project will be for the Construction, CA/CO, and FAA Closeout Report Services for the reconstruction of the Apron and Taxilane at Madison Municipal Airport. This project consists of multiple phases, with the first phase being to complete the project design and bidding which is under grant for FY2024. The second phase is to reconstruct the project’s pavements, which is currently scheduled for 2025 construction season.



**Engineer's Opinion of Probable Costs
Madison Municipal Airport
Madison, South Dakota**



**KLJ #2405-00194, BIL-AIG #3-46-0029-027-2025, AIP #3-46-0029-028-2025
Reconstruct Apron and Taxilane**

Schedule 1 - Base Bid - Reconstruct Apron and Taxilane (Eligible)						
Spec #	Item	Description	Quantity	Unit	Unit Price	Total
C-105	1	Mobilization	1	L.S.	\$ 62,000.00	\$ 62,000.00
Local	2	Airside Traffic Control	1	L.S.	20,000.00	20,000.00
C-100	3	Contractor Quality Control Program	1	L.S.	25,000.00	25,000.00
C-105	4	Contractor Staging/Storage Area	1	L.S.	10,000.00	10,000.00
C-102	5	Biorolls/Wattles	200	L.F.	5.00	1,000.00
C-102	6	Temporary Erosion Control Mat	11	S.Y.	15.00	165.00
P-101	7	Pavement Removal, Asphalt, Full Depth (+/- 4 inches)	3,893	S.Y.	5.00	19,465.00
P-101	8	Pavement Removal, Concrete, Full Depth	6	S.Y.	10.00	60.00
Plan Notes	9	Utility Pothole	1	L.S.	1,000.00	1,000.00
P-152	10	Unclassified Excavation	5,673	C.Y.	15.00	85,095.00
Plan Notes	11	Subgrade Repair (As Needed)	139	C.Y.	20.00	2,780.00
P-154	12	Geogrid (As Needed)	417	S.Y.	4.00	1,668.00
P-154	13	Separation Geotextile	4,165	S.Y.	3.00	12,495.00
SDDOT 260	14	Subbase Course, 33 inches	3,818	C.Y.	40.00	152,720.00
SDDOT 320	15	Aggregate base Course, SDDOT, 6 inches	694	C.Y.	60.00	41,640.00
P-603	16	Hot Mix Asphalt Pavement, 4 inches, SDDOT, Class E, PG 58-34	948.8	Ton	160.00	151,808.00
P-620	17	Emulsified Tack Coat	201	Gal.	7.00	1,407.00
P-620	18	Surface Preparation	1	L.S.	450.00	450.00
P-620	19	Taxilane Marking, 6 inches wide	165	S.F.	4.00	660.00
P-620	20	Reflective Media	1	L.S.	300.00	300.00
D-705	21	4-Inch Perforated Edge Drain Pipe with Filter Sock	625	L.F.	20.00	12,500.00
Plan Notes	22	4" Solid PVC Edge Drain Pipe w/ Filter Sock	25	L.F.	25.00	625.00
D-705	23	Precast Concrete Headwall	1	Ea.	1,000.00	1,000.00
D-705	24	Edge Drain Cleanout	1	Ea.	2,000.00	2,000.00
T-901	25	Seeding	0.3	Acre	4,000.00	1,200.00
T-905	26	Topsoiling (On Site)	158	C.Y.	10.00	1,580.00
T-908	27	Mulching	0.3	Acre	3,000.00	810.34
TOTAL SCHEDULE 1 - BASE BID - ELIGIBLE						\$ 609,428.34

Schedule 2 - Base Bid - Reconstruct Apron and Taxilane (Ineligible)						
Spec #	Item	Description	Quantity	Unit	Unit Price	Total
P-101	1	Pavement Removal, Asphalt, Full Depth (+/- 4 inches)	452	S.Y.	5.00	2,260.00
P-101	2	Pavement Removal, Concrete, Full Depth	152	S.Y.	10.00	1,520.00
P-152	3	Unclassified Excavation	924	C.Y.	15.00	13,860.00
Plan Notes	4	Subgrade Repair (As Needed)	21	C.Y.	20.00	420.00
P-154	5	Geogrid (As Needed)	64	S.Y.	4.00	256.00
P-154	6	Separation Geotextile	636	S.Y.	3.00	1,908.00
P-154	7	Subbase Course, 33 inches	583	C.Y.	40.00	23,320.00
SDDOT 260	8	Aggregate Base Course, SDDOT, 6 inches	106	C.Y.	60.00	6,360.00
SDDOT 320	9	Hot Mix Asphalt Pavement, 4 inches, SDDOT, Class E, PG 58-34	150.2	Ton	160.00	24,032.00
P-603	10	Emulsified Tack Coat	32	Gal.	7.00	224.00
TOTAL SCHEDULE 2 - BASE BID - INELIGIBLE						\$ 74,160.00

Summary of Estimated Supplemental Costs - Eligible	
Administration (Added - not part of Engineering Contract)	\$ 1,571.66
Independent Fee Estimate (Estimated)	\$ 4,000.00
Construction Observation, Testing, and Administration	\$ 176,000.00
Total Estimated Supplemental Costs	\$ 181,571.66

Opinion of Probable Costs - Eligible	
Estimated Cost	\$ 791,000.00
Estimated Cost + 10% Contingency (rounded)	\$ 870,000.00
Estimated Federal Share (95%)	\$ 826,500.00
Estimated State Share (2.5%)	\$ 21,750.00
Estimated Local Share (2.5%)	\$ 21,750.00

Opinion of Probable Costs - Ineligible	
Estimated Cost	\$ 74,160.00
Estimated Cost + 10% Contingency (rounded)	\$ 81,500.00
Estimated Federal Share (0%)	\$ -
Estimated State Share (0%)	\$ -
Estimated Local Share (100%)	\$ 81,500.00

Summary of Estimated Construction Costs - Combined Total	
Total Estimated Cost	\$ 865,160.00
Total Cost + 10% Contingency (rounded)	\$ 951,500.00
Total Estimated Federal Share	\$ 826,500.00
Total Estimated State Share	\$ 21,750.00
Total Estimated Local Share	\$ 103,250.00

10-Year Capital Improvement Program (CIP)

Airport Name: Madison Municipal Airport
Owner Name: City of Madison
Associated City, State: Madison, SD
County Name: Lake

Local Identifier: MDS
NPIAS No: 46-0029
CAGE Code (SAM): 712D2 **SAM Expiration:** 8/29/2025
UEI: MTC8CUH8MNQ6

Legend			
Annual Entitlement	FAA Funding	Local Funding	State Funding
Planning	Environmental	Runway	Taxiway
Apron	NAVAID	Terminal	Other

Year	Item No.	Project Description	Timeline	Current Total Estimated Cost	FAA Funding					Total FAA Share	Local Share	State Share	Funding Shortfall	Funding Rates			Project Funding Type	State Priority Rating	FAA National Priority Rating (NPR)	Remarks
					Airport Improvement Program (AIP) Funding		BIL (AIG) Funding							FAA	Sponsor	State				
					Entitlement Funding	FAA Discretionary / State Apportionment	Remaining Entitlement Balance	BIL (AIG) Funding	Remaining BIL Balance											
Carryover Balances →							\$ 150,000		\$ 44,902											
Annual Entitlement →					\$ 150,000		\$ 300,000	\$ 144,000	\$ 188,902											
2025	1	Construct - Reconstruct FBO Apron & Taxilane (approx. 4,000 S.Y.) - Eligible portion	Bid spring 2025 Construct summer/fall 2025 (split 195,000 + 596,000)	\$ 791,000	\$ 300,000	\$ 266,200	\$ -	\$ 185,250	\$ 3,652	\$ 751,450	\$ 19,775	\$ 19,775	\$ -	95%	2.5%	2.5%	AIP/BIL		Entitlement Transfers/Requesting State Apportionment	
	2	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)	Summer 2025 with other airports in the State	\$ 91,000	\$ -	\$ 86,450	\$ -	\$ -	\$ 3,652	\$ 86,450	\$ 2,275	\$ 2,275	\$ -	95%	2.5%	2.5%	AIP		State Maintenance Project. Parallel Taxiway 6 years old (2019 constructed) and GA Apron 4 years old (2021 constructed). Requesting State Apportionment	
	3	ALP Update/Master Plan (including Narrative, AGIS, Exhibit A, Land Use)		\$ 350,000	\$ -	\$ 332,500	\$ -	\$ -	\$ 3,652	\$ 332,500	\$ 8,750	\$ 8,750	\$ -	95%	2.5%	2.5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2025 Totals				\$ 1,232,000						\$ 1,170,400	\$ 30,800	\$ 30,800								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ 144,000	\$ 147,652											
2026	4	Design - Holding Bays for Runway 15 & 33 ends	Design summer 2026 Bid spring 2027	\$ 80,000	\$ 76,000	\$ -	\$ 74,000	\$ -	\$ 147,652	\$ 76,000	\$ 2,000	\$ 2,000	\$ -	95%	2.5%	2.5%	AIP			
	2026 Totals				\$ 80,000					\$ 76,000	\$ 2,000	\$ 2,000								
Annual Entitlement →					\$ 150,000		\$ 224,000	\$ -	\$ 147,652											
2027	5	Construct - Holding Bays for Runway 15 & 33 ends	Construct summer/fall 2027	\$ 1,350,000	\$ 224,000	\$ -	\$ -	\$ 147,652	\$ -	\$ 1,215,000	\$ 67,500	\$ 67,500	\$ 843,348	90%	5%	5%	AIP/BIL		Entitlement Transfers/Requesting State Apportionment	
	6	Design - Connecting Taxiway	Design summer 2027 Bid spring 2028	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,000	\$ 4,000	\$ 4,000	\$ 72,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2027 Totals				\$ 1,430,000					\$ 1,287,000	\$ 71,500	\$ 71,500									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2028	7	Construct - Connecting Taxiway	Construct summer/fall 2028	\$ 450,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 405,000	\$ 22,500	\$ 22,500	\$ 255,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	8	Design and Construct - Sanitary Sewer to Airport	Design summer 2028 Bid and construct 2029	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 12,500	\$ 12,500	\$ 225,000	90%	5%	5%	AIP		Funding Shortfall. Eligibility would be prorated. EA may be required.	
2028 Totals				\$ 700,000					\$ 630,000	\$ 35,000	\$ 35,000									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2029	9	Design - Apron Expansion	Design summer 2029 Bid spring 2030	\$ 80,000	\$ 72,000	\$ -	\$ 78,000	\$ -	\$ -	\$ 72,000	\$ 3,500	\$ 3,500	\$ -	90%	5%	5%	AIP			
	10	Environmental Assessment & RPZ Analysis - Extension of Runway 3-21		\$ 200,000	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 10,000	\$ 10,000	\$ 102,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2029 Totals				\$ 280,000					\$ 252,000	\$ 13,500	\$ 13,500									
2025-2029 Totals				\$ 3,722,000					\$ 3,415,400	\$ 152,800	\$ 152,800									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2030	11	Construct - Apron Expansion	Construct summer/fall 2030	\$ 1,500,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000	\$ 75,000	\$ 75,000	\$ 1,200,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	12	Design - Extend Runway 3-21 to 3,600 feet by 120 feet		\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,500	\$ 4,750	\$ 4,750	\$ 85,500	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	13	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)		\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,400	\$ 5,300	\$ 5,300	\$ 95,400	90%	5%	5%	AIP		State Maintenance Project. Parallel Taxiway 11 years old (2019 constructed) and GA Apron 9 years old (2021 constructed). Requesting State Apportionment	
2030 Totals				\$ 1,701,000					\$ 1,530,900	\$ 85,050	\$ 85,050									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2031	14	Construct - Extend Runway 3-21 to 3,600 feet by 120 feet		\$ 600,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000	\$ 30,000	\$ 30,000	\$ 390,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2031 Totals				\$ 600,000					\$ 540,000	\$ 30,000	\$ 30,000								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2032	15	No project		\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	90%	5%	5%	AIP			
	2032 Totals				\$ -			\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -							
Annual Entitlement →					\$ 150,000		\$ 300,000	\$ -	\$ -											
2033	16	Rehabilitate Runway 15-33		\$ 500,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 25,000	\$ 25,000	\$ 150,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2033 Totals				\$ 500,000					\$ 450,000	\$ 25,000	\$ 25,000								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2034	17	Construct Corporate Hangar Taxilane		\$ 500,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 25,000	\$ 25,000	\$ 300,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2034 Totals				\$ 500,000					\$ 450,000	\$ 25,000	\$ 25,000								
2030-2034 Totals				\$ 3,301,000					\$ 2,970,900	\$ 165,050	\$ 165,050									
2025-2034 CIP Totals				\$ 7,023,000					\$ 6,386,300	\$ 317,850	\$ 317,850									
2035	18	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)		\$ 124,000	\$ 111,600	\$ -	\$ 38,400	\$ -	\$ -	\$ 111,600	\$ 6,200	\$ 6,200	\$ -	90%	5%	5%	AIP		State Maintenance Project	
2036	19	Replace PAPIs		\$ 150,000	\$ 135,000	\$ -	\$ 53,400	\$ -	\$ -	\$ 135,000	\$ 7,500	\$ 7,500	\$ -	90%	5%	5%	AIP			
2035-2036 Totals				\$ 274,000					\$ 246,600	\$ 13,700	\$ 13,700									
2025-2036 Totals				\$ 7,297,000					\$ 6,632,900	\$ 331,550	\$ 331,550									



MADISON, CITY OF

Unique Entity ID MTC8CUH8MNQ6	CAGE / NCAGE 712D2	Purpose of Registration Federal Assistance Awards Only
Registration Status Active Registration	Expiration Date Aug 29, 2025	
Physical Address 116 W Center ST Madison, South Dakota 57042-2833 United States	Mailing Address 116 W Center ST Madison, South Dakota 57042 United States	

Business Information

Doing Business as (blank)	Division Name (blank)	Division Number (blank)
Congressional District South Dakota 00	State / Country of Incorporation (blank) / (blank)	URL (blank)

Registration Dates

Activation Date Sep 3, 2024	Submission Date Aug 29, 2024	Initial Registration Date Dec 9, 2013
---------------------------------------	--	---

Entity Dates

Entity Start Date Dec 1, 1889	Fiscal Year End Close Date Dec 31
---	---

Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USApending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

Exclusion Summary

Active Exclusions Records?

No

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure U.S. Government Entity	Entity Type US Local Government	Organization Factors (blank)
Profit Structure (blank)		

Socio-Economic Types

Check the registrant's Repts & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

Government Types

U.S. Local Government
Municipality

Financial Information

Accepts Credit Card Payments
Yes

Debt Subject To Offset
No

EFT Indicator
0000

CAGE Code
712D2

Points of Contact

Electronic Business

👤
Amy Sad

**116 W Center
Madison, South Dakota 57042
United States**

Government Business

👤
Amy Sad

**116 W Center
Madison, South Dakota 57042
United States**

Service Classifications

NAICS Codes

Primary	NAICS Codes	NAICS Title
---------	-------------	-------------

Disaster Response

This entity does not appear in the disaster response registry.

AIP Grant Application Checklist

AIRPORT NAME: Madison Municipal Airport DATE: 10/10/24

SYSTEM FOR AWARD MANAGEMENT (SAM) CAGE CODE #: 712D2

SYSTEM FOR AWARD MANAGEMENT (SAM) EXPIRATION DATE: 8/29/2025

This checklist (and attached instructions) is a tool to assist a grantee (airport sponsor) in identifying the requirements and considerations associated with preparing an Airport Improvement Program (AIP) grant application package for submittal to the FAA. Airport sponsors should read and consider each of the items carefully. **Some of the items can be answered by simply checking the “Yes” and “No” boxes while others require providing additional information as part of the airport’s request for AIP funds.**

Ref.		Yes	No	N/A	Comments Attached
ITEMS REQUIRED TO COMPLETE APPLICATION REVIEW:					
1.	Standard Form 424 <i>(signed)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
2.	Project Cost Breakdown <i>(attached)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
3.	Project Sketch <i>(at the request of the ADO)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
4.	Project Narrative <i>(attached or within Form 5100-100/101 Part IV)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
5.	Form 5100-100 (parts II – IV) <i>(airport development grants)</i> Form 5100-101 (parts II- IV) <i>(planning grants)</i>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
6.	Bid Tabulations/Negotiated Amounts <i>(attached or previously submitted to the ADO)</i>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
7.	Exhibit A <i>(attached or previously submitted to the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
8.	Title Certificate or Long Term Lease Agreement <i>(at the request of the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>

Form 5100-100 and Bid Tabulations will be provided with the final grant application

Application for Federal Assistance SF-424	
*1. Type of Submission: <input checked="" type="checkbox"/> Preapplication <input type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	*2. Type of Application * If Revision, select appropriate letter(s): <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation * Other (Specify) <input type="checkbox"/> Revision
*3. Date Received:	4. Applicant Identifier: MDS
5a. Federal Entity Identifier:	5b. Federal Award Identifier:
State Use Only:	
6. Date Received by State:	7. State Application Identifier:
8. APPLICANT INFORMATION:	
*a. Legal Name: City of Madison	
*b. Employer/Taxpayer Identification Number (EIN/TIN): 46-6000272	*c. UEI: MTC8CUH8MNQ6
d. Address:	
*Street 1: 116 W Center Street	
Street 2:	
*City: Madison	
County/Parish: Lake	
*State: Province: SD	
*Country: United States of America	
*Zip / Postal Code 57042-0116	
e. Organizational Unit:	
Department Name: Madison Municipal Airport	Division Name:
f. Name and contact information of person to be contacted on matters involving this application:	
Prefix: Mr. *First Name: Roy	
Middle Name:	
*Last Name: Lindsay	
Suffix:	
Title: Mayor	
Organizational Affiliation: City of Madison, South Dakota	
*Telephone Number: 605-256-7500	Fax Number:
*Email: roy.lindsay@cityofmadisonsd.com	

Application for Federal Assistance SF-424

***9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Pick an applicant type

Type of Applicant 3: Select Applicant Type:

Pick an applicant type

*Other (Specify)

***10. Name of Federal Agency:**

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

***12. Funding Opportunity Number:**

*Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

***15. Descriptive Title of Applicant's Project:**

Reconstruct Apron and Taxilane

- Construction cost
- Construction Administration, Observation, and Materials Testing
- FAA Project Closeout Report

(this AIP grant is for a portion of construction cost. The first portion of construction costs is in separate BIL grant)

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

16. Congressional Districts Of:

*a. Applicant: SD - At Large

*b. Program/Project: SD - At Large

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 06/01/2025

*b. End Date: 10/31/2025

18. Estimated Funding (\$):

*a. Federal	\$ 566,200
*b. Applicant	\$ 14,900
*c. State	\$ 14,900
*d. Local	\$ 0
*e. Other	\$ 0
*f. Program Income	
*g. TOTAL	\$ 596,000

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on _____ .
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

***20. Is the Applicant Delinquent On Any Federal Debt?**

Yes No

If "Yes", explain:

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. *First Name: Roy
Middle Name: _____
*Last Name: Lindsay
Suffix: _____

*Title: Mayor

*Telephone Number: 605-256-7500

Fax Number:

* Email: roy.lindsay@cityofmadisonsd.com

*Signature of Authorized Representative:

*Date Signed:

Application for Federal Assistance SF-424	
Authorized State Representative:	
*First Name: Jack	
*Last Name: Dokken	
*Title: Program Manager, Office of Air, Rail and Transit	
*Telephone Number: 605-773-3574	Fax Number: 605-773-2804
*Email: jack.dokken@state.sd.us	
*Signature of Authorized Representative:	*Date Signed:



**Opinion of Probable Costs
 Madison Municipal Airport
 Madison, South Dakota
 KLJ #2405-00194
 BIL-AIG #3-46-0029-027-2025
 AIP #3-46-0029-028-2025
 Reconstruct Apron and Taxilane**



Construction and Supplemental Costs		
Construction Cost Estimate (eligible)	\$	609,500.00
Construction Cost Estimate (ineligible)		74,000.00
Administration (not part of Engineering agreement)		1,500.00
Independent Fee Estimate (Estimated)		4,000.00
CA/CO, Construction Staking, Materials Testing, and Closeout (Estimated)		176,000.00
Total Estimated Construction Costs	\$	865,000.00
Total Estimated Eligible Construction Costs	\$	791,000.00

Opinion of Probable Funding - BIL-AIG Grant split		
Split Portion of Estimated Eligible Construction Costs	\$	195,000.00
Estimated Federal Share (95%)		185,250.00
Estimated State Share (2.5%)		4,875.00
Estimated Local Share (2.5%)		4,875.00

Opinion of Probable Funding - AIP Grant split		
Split Portion of Estimated Eligible Construction Costs	\$	596,000.00
Estimated Federal Share (95%)		566,200.00
Estimated State Share (2.5%)		14,900.00
Estimated Local Share (2.5%)		14,900.00



PROJECT WORK DESCRIPTION

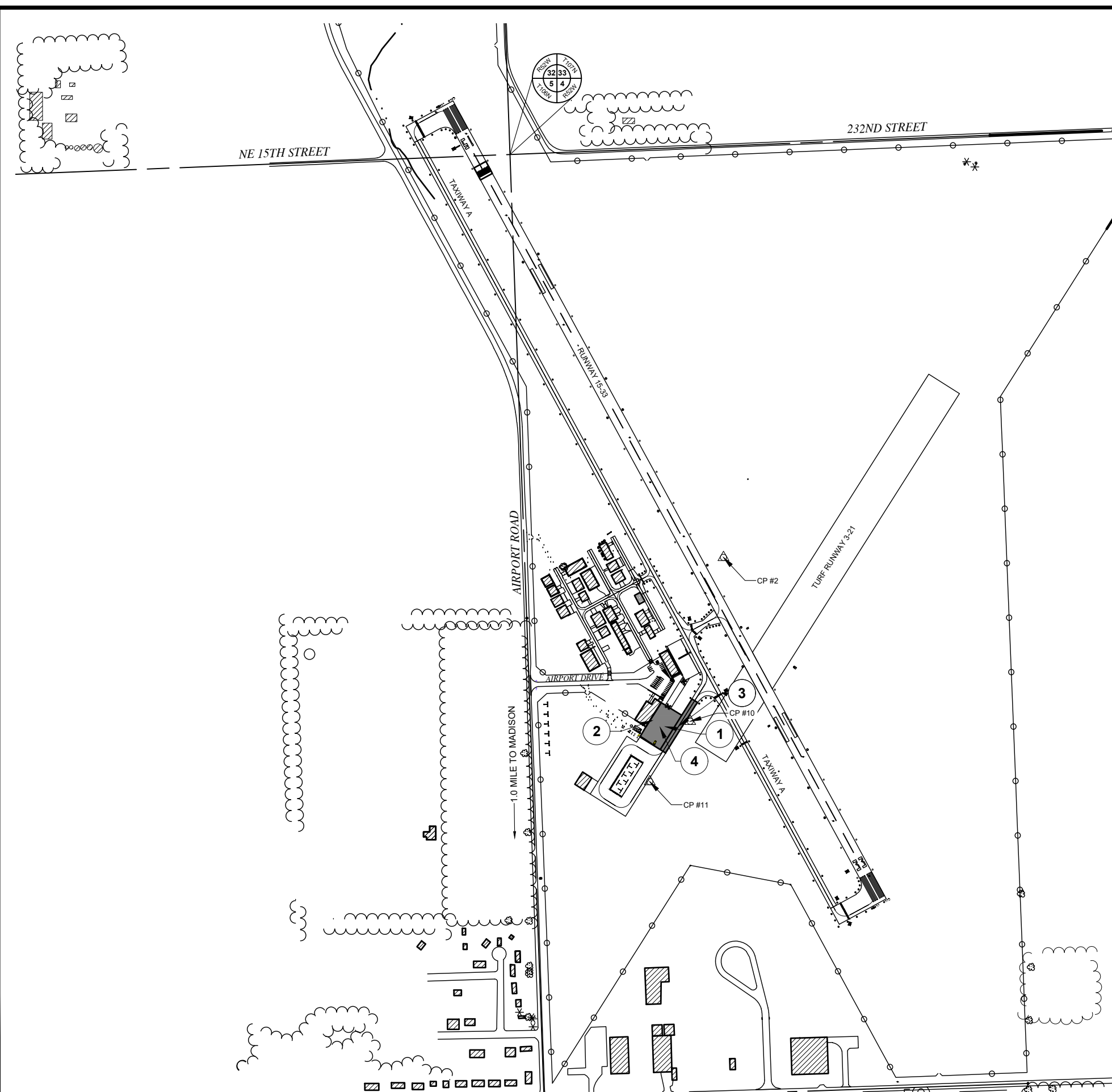
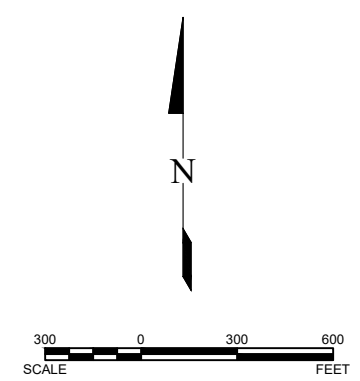
- 1 REMOVE EXISTING ASPHALT PAVEMENT (APPROX. 4,247 SY)
- 2 REMOVE EXISTING CONCRETE PAVEMENT (APPROX. 160 SY)
- 3 RECONSTRUCT ASPHALT FBO TAXILANE (APPROX. 35' x 330')
- 4 RECONSTRUCT ASPHALT FBO APRON (APPROX. 3,263 SY)

BASIS OF ESTIMATE

REMOVE & DISPOSE OF ASPHALT PAVEMENT - FULL DEPTH (P-101) -	AVERAGE DEPTH ASPHALT PAVEMENT: ±4" APRON
TOPSOIL REMOVAL (P-152) -	STRIP 6" OVER ALL EXCAVATION OR EMBANKMENT AREAS. (INCLUDED IN UNCLASSIFIED EXCAVATION QUANTITY FOR PAYMENT)
EMBANKMENT (P-152) -	15% ADDITIONAL VOLUME HAS BEEN ADDED FOR SHRINKAGE
SEPARATION GEOTEXTILE (P-154) -	ACTUAL S.Y., NO OVERLAP INCLUDED
SUBBASE MATERIAL (P-154) -	COMPACTED VOLUME IN PLACE
AGGREGATE BASE COURSE (DOT-260) -	COMPACTED VOLUME IN PLACE
HOT MIX ASPHALT (HMA) PAVEMENT (DOT-320) -	150 LBS/C.F.
EMULSIFIED ASPHALT TACK COAT (P-603) -	0.05 GAL./S.Y.
TOPSOIL REPLACEMENT (T-905) -	MEASUREMENTS MADE USING DTM SURFACES (PAID FOR AS TOPSOILING)

BENCH MARK LIST			
NO.	DESCRIPTION	LOCATION	ELEVATION
CP 2	FAA MDS-A	N629,963.93 E2,822,643.94	1,709.88'
CP 10	REBAR	N629,091.27 E2,822,461.10	1,710.55'
CP 11	REBAR	N628,729.16 E2,822,237.77	1,711.34'

NOTE: CONTRACTOR SHALL VERIFY CONTROL POINTS IN THE FIELD PRIOR TO CONSTRUCTION.



NO.	DATE	REVISION

DRAFTED
MWS
REVIEWED
ARS
PROJECT NUMBER
2405-00194
ISSUE DATE
09/12/2024

RECONSTRUCT APRON AND TAXILANE
MADISON MUNICIPAL AIRPORT - CITY OF MADISON
MADISON, SOUTH DAKOTA
PROJECT WORK DESCRIPTION & BASIS OF ESTIMATE

SHEET
5

Madison Municipal Airport

Project Narrative – Reconstruct Apron and Taxilane

Madison Municipal Airport has a Fixed-Base Operator (FBO) that serves the airport and surrounding aviation community. The Apron and a 100’ portion of taxilane pavement have surpassed their useful life and are in need of reconstruction.

The 2021 Pavement Condition Index (PCI) of the Apron and Taxilane is summarized in Table 1 below:

Table 1 - 2021 Pavement Condition Index Summary

Location Tag	Pavement	Constructed year	PCI
4110	Apron	1992	18 (Failed)
205	Taxilane	1992	26 (Failed)

The FAA AC 150/5320-6G states that pavements with a PCI of 55 (Poor) or less are eligible for reconstruction. The existing pavements have PCI values well below the threshold and considered in the failed condition.

The apron is used for fueling, flight school operations, as well as transient aircraft by the general public that use the airport. The flight school operates a variety of aircraft including Piper Aztec, Piper Cherokee and Cessna 172. According to FAA Traffic Flow Management System data, these ADG-I/TDG-1A aircraft accounted for over 2,700 operations. The taxilane will be utilized by ADG-II/TDG-2A aircraft.

This project will be for the Construction, CA/CO, and FAA Closeout Report Services for the reconstruction of the Apron and Taxilane at Madison Municipal Airport. This project consists of multiple phases, with the first phase being to complete the project design and bidding which is under grant for FY2024. The second phase is to reconstruct the project’s pavements, which is currently scheduled for 2025 construction season.

Madison Municipal Airport

Pavement Maintenance – AIP and State Apportionment Funded

1. Airfield Pavement Maintenance
 - a. This project will be managed by SDDOT – Office of Air, Rail & Transit.
 - b. It will involve transferring Madison Municipal Airport Entitlement funds to the state along with State Apportionment.
 - c. The Madison Municipal Airport (MDS) did not have pavement maintenance since the 2021 PCI report was developed.
 - i. It is recommended to combine the PAVER maintenance for shown years of 2024, 2025 and 2026 (section ID of 410, 105, 210, 4120, 505) for Madison.
 - ii. These pavement IDs are for the following pavement area descriptions:
 1. Connecting taxiway between Taxiway A (parallel taxiway) and hangar taxilanes (410).
 2. Connecting taxiway between Runway 15-33 and Taxiway A (105).
 3. Portion of Taxilane between Taxiway A and south aprons (210).
 4. South GA Apron (4120).
 5. Taxiway A (505).
 - d. The maintenance will include:
 - i. Crack Sealing
 - ii. Crack Leveling
 - iii. Seal Coat
 - iv. Pavement Markings



**Engineer's Opinion of Probable Costs
Madison Municipal Airport
Madison, South Dakota**



**KLJ #2405-00194, BIL-AIG #3-46-0029-027-2025, AIP #3-46-0029-028-2025
Reconstruct Apron and Taxilane**

Schedule 1 - Base Bid - Reconstruct Apron and Taxilane (Eligible)						
Spec #	Item	Description	Quantity	Unit	Unit Price	Total
C-105	1	Mobilization	1	L.S.	\$ 62,000.00	\$ 62,000.00
Local	2	Airside Traffic Control	1	L.S.	20,000.00	20,000.00
C-100	3	Contractor Quality Control Program	1	L.S.	25,000.00	25,000.00
C-105	4	Contractor Staging/Storage Area	1	L.S.	10,000.00	10,000.00
C-102	5	Biorolls/Wattles	200	L.F.	5.00	1,000.00
C-102	6	Temporary Erosion Control Mat	11	S.Y.	15.00	165.00
P-101	7	Pavement Removal, Asphalt, Full Depth (+/- 4 inches)	3,893	S.Y.	5.00	19,465.00
P-101	8	Pavement Removal, Concrete, Full Depth	6	S.Y.	10.00	60.00
Plan Notes	9	Utility Pothole	1	L.S.	1,000.00	1,000.00
P-152	10	Unclassified Excavation	5,673	C.Y.	15.00	85,095.00
Plan Notes	11	Subgrade Repair (As Needed)	139	C.Y.	20.00	2,780.00
P-154	12	Geogrid (As Needed)	417	S.Y.	4.00	1,668.00
P-154	13	Separation Geotextile	4,165	S.Y.	3.00	12,495.00
SDDOT 260	14	Subbase Course, 33 inches	3,818	C.Y.	40.00	152,720.00
SDDOT 320	15	Aggregate base Course, SDDOT, 6 inches	694	C.Y.	60.00	41,640.00
P-603	16	Hot Mix Asphalt Pavement, 4 inches, SDDOT, Class E, PG 58-34	948.8	Ton	160.00	151,808.00
P-620	17	Emulsified Tack Coat	201	Gal.	7.00	1,407.00
P-620	18	Surface Preparation	1	L.S.	450.00	450.00
P-620	19	Taxilane Marking, 6 inches wide	165	S.F.	4.00	660.00
P-620	20	Reflective Media	1	L.S.	300.00	300.00
D-705	21	4-Inch Perforated Edge Drain Pipe with Filter Sock	625	L.F.	20.00	12,500.00
Plan Notes	22	4" Solid PVC Edge Drain Pipe w/ Filter Sock	25	L.F.	25.00	625.00
D-705	23	Precast Concrete Headwall	1	Ea.	1,000.00	1,000.00
D-705	24	Edge Drain Cleanout	1	Ea.	2,000.00	2,000.00
T-901	25	Seeding	0.3	Acre	4,000.00	1,200.00
T-905	26	Topsoiling (On Site)	158	C.Y.	10.00	1,580.00
T-908	27	Mulching	0.3	Acre	3,000.00	810.34
TOTAL SCHEDULE 1 - BASE BID - ELIGIBLE						\$ 609,428.34

Schedule 2 - Base Bid - Reconstruct Apron and Taxilane (Ineligible)						
Spec #	Item	Description	Quantity	Unit	Unit Price	Total
P-101	1	Pavement Removal, Asphalt, Full Depth (+/- 4 inches)	452	S.Y.	5.00	2,260.00
P-101	2	Pavement Removal, Concrete, Full Depth	152	S.Y.	10.00	1,520.00
P-152	3	Unclassified Excavation	924	C.Y.	15.00	13,860.00
Plan Notes	4	Subgrade Repair (As Needed)	21	C.Y.	20.00	420.00
P-154	5	Geogrid (As Needed)	64	S.Y.	4.00	256.00
P-154	6	Separation Geotextile	636	S.Y.	3.00	1,908.00
P-154	7	Subbase Course, 33 inches	583	C.Y.	40.00	23,320.00
SDDOT 260	8	Aggregate Base Course, SDDOT, 6 inches	106	C.Y.	60.00	6,360.00
SDDOT 320	9	Hot Mix Asphalt Pavement, 4 inches, SDDOT, Class E, PG 58-34	150.2	Ton	160.00	24,032.00
P-603	10	Emulsified Tack Coat	32	Gal.	7.00	224.00
TOTAL SCHEDULE 2 - BASE BID - INELIGIBLE						\$ 74,160.00

Summary of Estimated Supplemental Costs - Eligible	
Administration (Added - not part of Engineering Contract)	\$ 1,571.66
Independent Fee Estimate (Estimated)	\$ 4,000.00
Construction Observation, Testing, and Administration	\$ 176,000.00
Total Estimated Supplemental Costs	\$ 181,571.66

Opinion of Probable Costs - Eligible	
Estimated Cost	\$ 791,000.00
Estimated Cost + 10% Contingency (rounded)	\$ 870,000.00
Estimated Federal Share (95%)	\$ 826,500.00
Estimated State Share (2.5%)	\$ 21,750.00
Estimated Local Share (2.5%)	\$ 21,750.00

Opinion of Probable Costs - Ineligible	
Estimated Cost	\$ 74,160.00
Estimated Cost + 10% Contingency (rounded)	\$ 81,500.00
Estimated Federal Share (0%)	\$ -
Estimated State Share (0%)	\$ -
Estimated Local Share (100%)	\$ 81,500.00

Summary of Estimated Construction Costs - Combined Total	
Total Estimated Cost	\$ 865,160.00
Total Cost + 10% Contingency (rounded)	\$ 951,500.00
Total Estimated Federal Share	\$ 826,500.00
Total Estimated State Share	\$ 21,750.00
Total Estimated Local Share	\$ 103,250.00

10-Year Capital Improvement Program (CIP)

Airport Name: Madison Municipal Airport
Owner Name: City of Madison
Associated City, State: Madison, SD
County Name: Lake

Local Identifier: MDS
NPIAS No: 46-0029
CAGE Code (SAM): 712D2 **SAM Expiration:** 8/29/2025
UEI: MTC8CUH8MNQ6

Legend			
Annual Entitlement	FAA Funding	Local Funding	State Funding
Planning	Environmental	Runway	Taxiway
Apron	NAVAID	Terminal	Other

Year	Item No.	Project Description	Timeline	Current Total Estimated Cost	FAA Funding					Total FAA Share	Local Share	State Share	Funding Shortfall	Funding Rates			Project Funding Type	State Priority Rating	FAA National Priority Rating (NPR)	Remarks
					Airport Improvement Program (AIP) Funding		BIL (AIG) Funding							FAA	Sponsor	State				
					Entitlement Funding	FAA Discretionary / State Apportionment	Remaining Entitlement Balance	BIL (AIG) Funding	Remaining BIL Balance											
Carryover Balances →							\$ 150,000		\$ 44,902											
Annual Entitlement →					\$ 150,000		\$ 300,000	\$ 144,000	\$ 188,902											
2025	1	Construct - Reconstruct FBO Apron & Taxiway (approx. 4,000 S.Y.) - Eligible portion	Bid spring 2025 Construct summer/fall 2025 (split 195,000 + 596,000)	\$ 791,000	\$ 300,000	\$ 266,200	\$ -	\$ 185,250	\$ 3,652	\$ 751,450	\$ 19,775	\$ 19,775	\$ -	95%	2.5%	2.5%	AIP/BIL		Entitlement Transfers/Requesting State Apportionment	
	2	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)	Summer 2025 with other airports in the State	\$ 91,000	\$ -	\$ 86,450	\$ -	\$ -	\$ 3,652	\$ 86,450	\$ 2,275	\$ 2,275	\$ -	95%	2.5%	2.5%	AIP		State Maintenance Project. Parallel Taxiway 6 years old (2019 constructed) and GA Apron 4 years old (2021 constructed). Requesting State Apportionment	
	3	ALP Update/Master Plan (including Narrative, AGIS, Exhibit A, Land Use)		\$ 350,000	\$ -	\$ 332,500	\$ -	\$ -	\$ 3,652	\$ 332,500	\$ 8,750	\$ 8,750	\$ -	95%	2.5%	2.5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2025 Totals				\$ 1,232,000						\$ 1,170,400	\$ 30,800	\$ 30,800								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ 144,000	\$ 147,652											
2026	4	Design - Holding Bays for Runway 15 & 33 ends	Design summer 2026 Bid spring 2027	\$ 80,000	\$ 76,000	\$ -	\$ 74,000	\$ -	\$ 147,652	\$ 76,000	\$ 2,000	\$ 2,000	\$ -	95%	2.5%	2.5%	AIP			
	2026 Totals				\$ 80,000					\$ 76,000	\$ 2,000	\$ 2,000								
Annual Entitlement →					\$ 150,000		\$ 224,000	\$ -	\$ 147,652											
2027	5	Construct - Holding Bays for Runway 15 & 33 ends	Construct summer/fall 2027	\$ 1,350,000	\$ 224,000	\$ -	\$ -	\$ 147,652	\$ -	\$ 1,215,000	\$ 67,500	\$ 67,500	\$ 843,348	90%	5%	5%	AIP/BIL		Entitlement Transfers/Requesting State Apportionment	
	6	Design - Connecting Taxiway	Design summer 2027 Bid spring 2028	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,000	\$ 4,000	\$ 4,000	\$ 72,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2027 Totals				\$ 1,430,000					\$ 1,287,000	\$ 71,500	\$ 71,500									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2028	7	Construct - Connecting Taxiway	Construct summer/fall 2028	\$ 450,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 405,000	\$ 22,500	\$ 22,500	\$ 255,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	8	Design and Construct - Sanitary Sewer to Airport	Design summer 2028 Bid and construct 2029	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 12,500	\$ 12,500	\$ 225,000	90%	5%	5%	AIP		Funding Shortfall. Eligibility would be prorated. EA may be required.	
2028 Totals				\$ 700,000					\$ 630,000	\$ 35,000	\$ 35,000									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2029	9	Design - Apron Expansion	Design summer 2029 Bid spring 2030	\$ 80,000	\$ 72,000	\$ -	\$ 78,000	\$ -	\$ -	\$ 72,000	\$ 3,500	\$ 3,500	\$ -	90%	5%	5%	AIP			
	10	Environmental Assessment & RPZ Analysis - Extension of Runway 3-21		\$ 200,000	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 10,000	\$ 10,000	\$ 102,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2029 Totals				\$ 280,000					\$ 252,000	\$ 13,500	\$ 13,500									
2025-2029 Totals				\$ 3,722,000					\$ 3,415,400	\$ 152,800	\$ 152,800									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2030	11	Construct - Apron Expansion	Construct summer/fall 2030	\$ 1,500,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000	\$ 75,000	\$ 75,000	\$ 1,200,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	12	Design - Extend Runway 3-21 to 3,600 feet by 120 feet		\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,500	\$ 4,750	\$ 4,750	\$ 85,500	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	13	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)		\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,400	\$ 5,300	\$ 5,300	\$ 95,400	90%	5%	5%	AIP		State Maintenance Project. Parallel Taxiway 11 years old (2019 constructed) and GA Apron 9 years old (2021 constructed). Requesting State Apportionment	
2030 Totals				\$ 1,701,000					\$ 1,530,900	\$ 85,050	\$ 85,050									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2031	14	Construct - Extend Runway 3-21 to 3,600 feet by 120 feet		\$ 600,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000	\$ 30,000	\$ 30,000	\$ 390,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2031 Totals				\$ 600,000					\$ 540,000	\$ 30,000	\$ 30,000								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2032	15	No project		\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	90%	5%	5%	AIP			
	2032 Totals				\$ -			\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -							
Annual Entitlement →					\$ 150,000		\$ 300,000	\$ -	\$ -											
2033	16	Rehabilitate Runway 15-33		\$ 500,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 25,000	\$ 25,000	\$ 150,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2033 Totals				\$ 500,000					\$ 450,000	\$ 25,000	\$ 25,000								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2034	17	Construct Corporate Hangar Taxiway		\$ 500,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 25,000	\$ 25,000	\$ 300,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2034 Totals				\$ 500,000					\$ 450,000	\$ 25,000	\$ 25,000								
2030-2034 Totals				\$ 3,301,000					\$ 2,970,900	\$ 165,050	\$ 165,050									
2025-2034 CIP Totals				\$ 7,023,000					\$ 6,386,300	\$ 317,850	\$ 317,850									
2035	18	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)		\$ 124,000	\$ 111,600	\$ -	\$ 38,400	\$ -	\$ -	\$ 111,600	\$ 6,200	\$ 6,200	\$ -	90%	5%	5%	AIP		State Maintenance Project	
2036	19	Replace PAPIs		\$ 150,000	\$ 135,000	\$ -	\$ 53,400	\$ -	\$ -	\$ 135,000	\$ 7,500	\$ 7,500	\$ -	90%	5%	5%	AIP			
2035-2036 Totals				\$ 274,000					\$ 246,600	\$ 13,700	\$ 13,700									
2025-2036 Totals				\$ 7,297,000					\$ 6,632,900	\$ 331,550	\$ 331,550									



MADISON, CITY OF

Unique Entity ID MTC8CUH8MNQ6	CAGE / NCAGE 712D2	Purpose of Registration Federal Assistance Awards Only
Registration Status Active Registration	Expiration Date Aug 29, 2025	
Physical Address 116 W Center ST Madison, South Dakota 57042-2833 United States	Mailing Address 116 W Center ST Madison, South Dakota 57042 United States	

Business Information

Doing Business as (blank)	Division Name (blank)	Division Number (blank)
Congressional District South Dakota 00	State / Country of Incorporation (blank) / (blank)	URL (blank)

Registration Dates

Activation Date Sep 3, 2024	Submission Date Aug 29, 2024	Initial Registration Date Dec 9, 2013
---------------------------------------	--	---

Entity Dates

Entity Start Date Dec 1, 1889	Fiscal Year End Close Date Dec 31
---	---

Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

Exclusion Summary

Active Exclusions Records?

No

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure U.S. Government Entity	Entity Type US Local Government	Organization Factors (blank)
Profit Structure (blank)		

Socio-Economic Types

Check the registrant's Repts & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

Government Types

U.S. Local Government

Municipality

Financial Information

Accepts Credit Card Payments
Yes

Debt Subject To Offset
No

EFT Indicator
0000

CAGE Code
712D2

Points of Contact

Electronic Business

♀
Amy Sad

**116 W Center
Madison, South Dakota 57042
United States**

Government Business

♀
Amy Sad

**116 W Center
Madison, South Dakota 57042
United States**

Service Classifications

NAICS Codes

Primary	NAICS Codes	NAICS Title
---------	-------------	-------------

Disaster Response

This entity does not appear in the disaster response registry.

MADISON MUNICIPAL AIRPORT (MDS)

Airport Summary



2021 SOUTH DAKOTA AIRPORT PAVEMENT CONDITION INDEX (PCI) STUDY

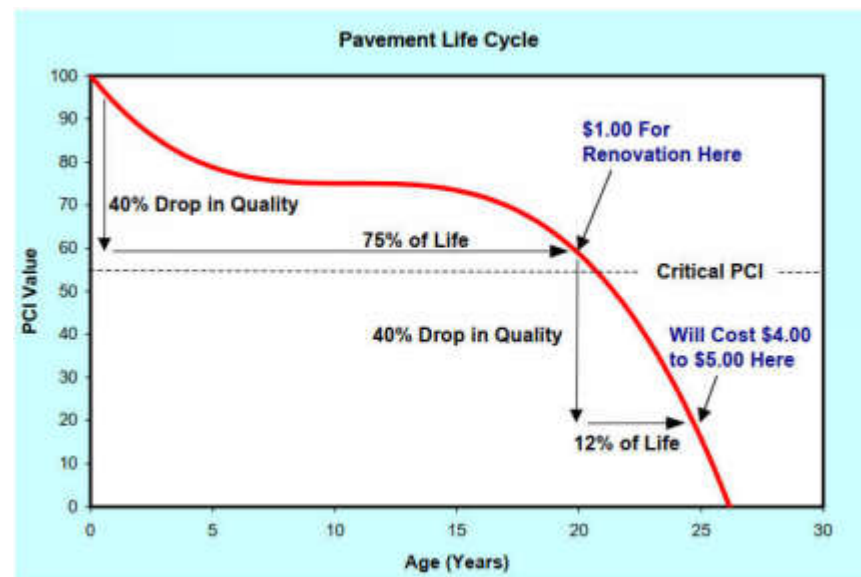
Prepared By: Helms & Associates and Engineering & Research International, Inc.



AIRPORT PAVEMENT EVALUATION

The PCI is a numerical indicator that rates the surface condition of the pavement on a 0-100 scale, with 100 being good condition and 0 being failed condition. The Pavement Life Cycle figure below illustrates how pavement typically deteriorates and the relative cost of rehabilitation at various times throughout its life. Maintaining and preserving a pavement in good condition versus rehabilitating a pavement in fair to poor condition is four to five times less expensive and increases pavement useful life. In order to extend the life of the pavement, the SDDOT will incorporate preventive maintenance strategies including crack sealing, rejuvenator, slurry seal coats, or joint seal replacement as part of their annual statewide airport pavement maintenance project. Major rehabilitation projects will likely include a mill and overlay or large scale panel replacement projects, which will likely be a standalone AIP project.

Standard PCI		Typical Repair Strategy
100	Good	PREVENTIVE MAINTENANCE
85	Satisfactory	
70	Fair	MAJOR REHABILITATION
55	Poor	
40	Very Poor	
25	Serious	RECONSTRUCTION
10	Failed	



TYPICAL ASPHALT DISTRESS TYPES



Alligator Cracking. Alligator cracking is a distress caused by repeated aircraft loading that causes cracking initially at the bottom of the asphalt, before propagating upward first as parallel cracks, then interconnecting into sharp-angled pieces resembling alligator skin.



Depressions. Depressions are pavement areas with slightly lower elevation than surrounding pavement. Many times, this is only noticeable after rain, when water pools at the bottom of the depression. This water can cause hydroplaning.



Longitudinal/Transverse Cracking. Longitudinal/Transverse cracks (L & T cracks) can be caused by poorly constructed lane joints, shrinkage of the AC surface in low temperatures, or cracks reflecting from cracks below the surface layer.



Patch. Patches are considered distresses no matter their severity.



Raveling/Weathering. Raveling and weathering are distresses characterized by the wearing away of coarse aggregate, and asphalt binder and fine aggregate respectively.

Distress Severity at HSR

	Low
	Medium
	High

TYPICAL CONCRETE DISTRESS TYPES



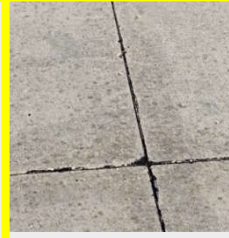
Corner Break. A corner break is a break that intersects the joints at less than half of the slab length on each side. This is usually caused by load repetition, loss of support below the corner, and curling stress.



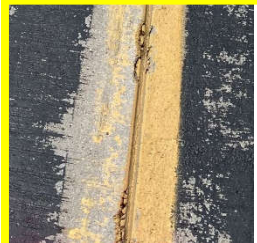
Corner Spall. Corner spalling is the raveling/breakdown of a slab at the corner of the slab. Unlike a corner break, which occurs vertically through the slab, spalling usually angles downward to intersect the joint.



Durability Cracking. Durability cracking is caused by environmental factors such as the freeze-thaw cycle. Typically appears as cracks parallel to a joint or linear crack, often accompanied by dark discoloring in the affected area.



Joint Seal Damage. Joint seal damage is anything allowing soil or rocks to accumulate in the joints, or allowing significant water infiltration. Incompressible materials in the joints can prevent the slab from expanding, and can cause buckling or spalling.



Joint Spalling. Joint spalling is breakdown of slab edges near the side of the joint. The spall usually intersects the joint at the angle. This distress is usually caused by cracking due to incompressible materials, or due to excessive stresses at the joint, or repeated loading.



Linear Cracking. Linear cracks divide the slab into two or three pieces, and are caused by load repetition, curling stress, and shrinkage stress. Medium- and high-severity distresses are usually considered major structural distresses.



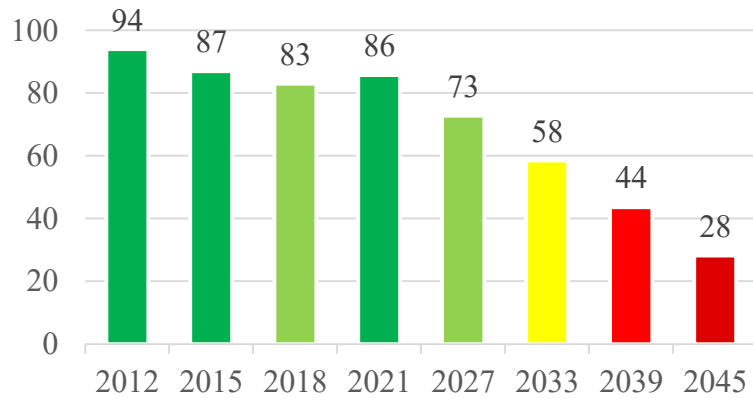
Shattered Slab. A shattered slab is a slab broken into 4 or 5 pieces with high-severity cracks, or 6 or more pieces with at least 15% medium- or higher severity cracks.



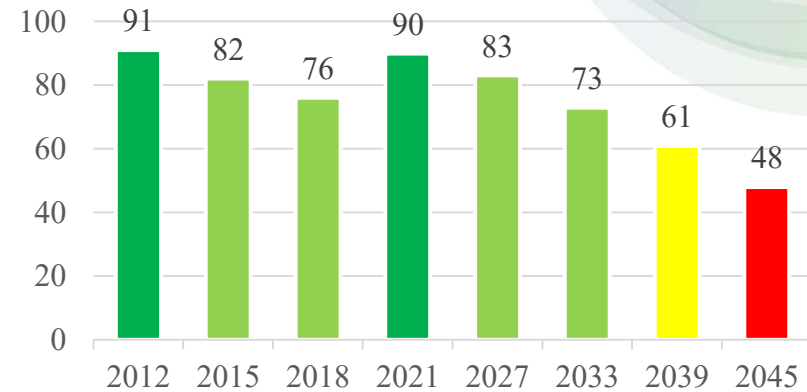
Small Patch. A small patch is defined as any patch smaller than 5 ft².

HISTORICAL PCI & FORECASTED PCI (DO NOTHING APPROACH)

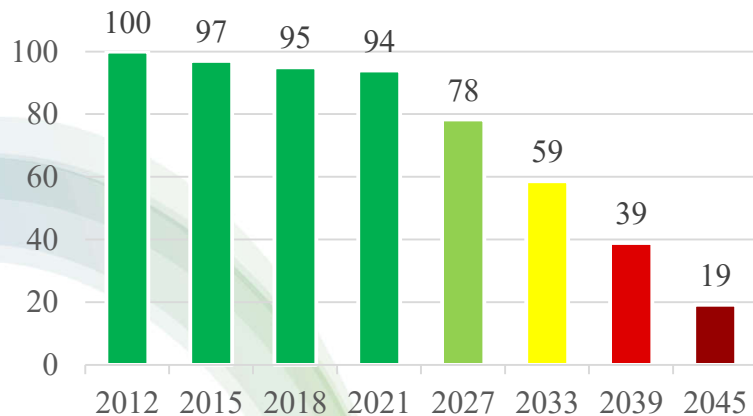
Area Weighted Overall PCI



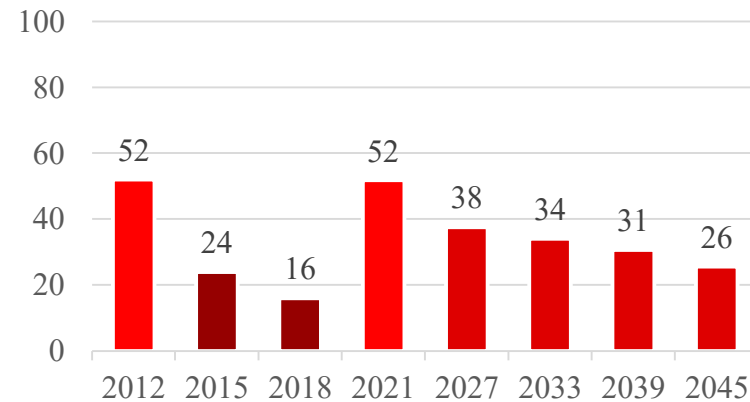
Area Weighted PCI for Taxiways



Area Weighted PCI for Runways



Area Weighted PCI for Aprons



PAVEMENT FUNDING ASSESSMENT

A Maintenance and Repair (M&R) planning analysis was performed in order to determine the most cost-effective treatment and suggest the optimum utilization of available M&R funds over a 20-year period. Using the existing conditions and pavement deterioration models, an initial funding needs was determined with a goal to maintain the average network PCI at or above the established Critical PCI values for each airport type and Facility use while optimizing the funds globally across the SDDOT Aviation System. **The analysis showed that to maintain the overall average network PCI at or above Critical PCI, a total of \$9,362,000 M&R funds are needed at Madison Municipal Airport over a 20 year period.** Table below shows the unlimited budget funding needs through 2041 for the Madison Municipal Airport. The future cost of work includes 3 percent inflation factor and are calculated based on the unit costs extracted from recent projects completed throughout the state.

YEAR	PAVEMENT SECTION ID	IMPROVEMENT TYPE	MAINTENANCE COST	ESTIMATE TOTAL COST	AVERAGE PCI CONDITION BEFORE	AVERAGE PCI CONDITION AFTER
2024						
	410	(ST-SS)	\$ 4,000	\$ 4,000	92	97
2025						
	105	(SS-FS)	\$ 4,000	\$ 4,000	94	97
2026						
	210, 4120, 505	(SS-FS)	\$ 79,000	\$ 79,000	93	96
2028						
	205	RECONSTRUCTION	\$ 121,000	\$ 121,000	7	100
2029						
	410	(ST-SS)	\$ 4,000	\$ 363,000	89	94
	305	RECONSTRUCTION	\$ 359,000		0	100
2030						
	105	(SS-FS)	\$ 4,000	\$ 6,090,000	89	92
	6105, 6110	JOINT SEAL REPLACEMENT AND CONCRETE SLAB REPAIR	\$ 6,086,000		67	100

PAVEMENT FUNDING ASSESSMENT

YEAR	PAVEMENT SECTION ID	IMPROVEMENT TYPE	MAINTENANCE COST	ESTIMATE TOTAL COST	AVERAGE PCI CONDITION BEFORE	AVERAGE PCI CONDITION AFTER
2031						
	210, 4120, 505	(SS-FS)	\$ 91,000	\$ 91,000	88	92
2034						
	205, 410	(SS-FS), (ST-SS)	\$ 6,000	\$ 6,000	89	94
2035						
	105, 305	(SS-FS)	\$ 10,000	\$ 17,000	88	91
	4115	JOINT SEAL REPLACEMENT AND CONCRETE SLAB REPAIR	\$ 7,000		59	100
2036						
	210, 4120, 505	(SS-FS)	\$ 106,000	\$ 106,000	83	86
2037						
	4105, 4110	RECONSTRUCTION	\$ 1,607,000	\$ 1,607,000	0	100
2039						
	205, 410	(SS-FS), (ST-SS)	\$ 7,000	\$ 7,000	84	89
2040						
	105, 305, 4105, 4110	(SS-FS)	\$ 34,000	\$ 745,000	87	92
	405	JOINT SEAL REPLACEMENT AND CONCRETE SLAB REPAIR	\$ 711,000		64	100
2041						
	210, 4120, 505	(SS-FS)	\$ 122,000	\$ 122,000	76	81

Note:

ST-SS Emulsified Asphalt Seal Coat. Work includes route and seal cracks, markings, and friction testing.

SS-FS Surface Seal – Fog Seal. Work includes route and seal cracks and markings.

The average PCI before and after are calculated only for the sections listed in the table.

Madison Municipal Airport (MDS)

2021 Pavement Condition Index (PCI) Study



AIP Grant Application Checklist

AIRPORT NAME: Madison Municipal Airport **DATE:** 10/10/24

SYSTEM FOR AWARD MANAGEMENT (SAM) CAGE CODE #: 712D2

SYSTEM FOR AWARD MANAGEMENT (SAM) EXPIRATION DATE: 8/29/2025

This checklist (and attached instructions) is a tool to assist a grantee (airport sponsor) in identifying the requirements and considerations associated with preparing an Airport Improvement Program (AIP) grant application package for submittal to the FAA. Airport sponsors should read and consider each of the items carefully. **Some of the items can be answered by simply checking the “Yes” and “No” boxes while others require providing additional information as part of the airport’s request for AIP funds.**

Ref.		Yes	No	N/A	Comments Attached
ITEMS REQUIRED TO COMPLETE APPLICATION REVIEW:					
1.	Standard Form 424 <i>(signed)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
2.	Project Cost Breakdown <i>(attached)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
3.	Project Sketch <i>(at the request of the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>
4.	Project Narrative <i>(attached or within Form 5100-100/101 Part IV)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
5.	Form 5100-100 (parts II – IV) <i>(airport development grants)</i> Form 5100-101 (parts II- IV) <i>(planning grants)</i>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
6.	Bid Tabulations/Negotiated Amounts <i>(attached or previously submitted to the ADO)</i>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
7.	Exhibit A <i>(attached or previously submitted to the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
8.	Title Certificate or Long Term Lease Agreement <i>(at the request of the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>

3. Planning project preliminary sketch not available until planning services are started

Application for Federal Assistance SF-424

*1. Type of Submission:

- Preapplication
- Application
- Changed/Corrected Application

*2. Type of Application

- New
- Continuation
- Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

*3. Date Received:

4. Applicant Identifier:

MDS

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*a. Legal Name: City of Madison

*b. Employer/Taxpayer Identification Number (EIN/TIN):
46-6000272

*c. UEI:
MTC8CUH8MNQ6

d. Address:

*Street 1: 116 W Center Street
 Street 2: _____
 *City: Madison
 County/Parish: Lake
 *State: Province: SD
 *Country: United States of America
 *Zip / Postal Code 57042-0116

e. Organizational Unit:

Department Name:
Madison Municipal Airport

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr. *First Name: Roy
 Middle Name: _____
 *Last Name: Lindsay
 Suffix: _____

Title: Mayor

Organizational Affiliation:
City of Madison, South Dakota

*Telephone Number: 605-256-7500

Fax Number:

*Email: roy.lindsay@cityofmadisonsd.com

Application for Federal Assistance SF-424

***9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Pick an applicant type

Type of Applicant 3: Select Applicant Type:

Pick an applicant type

*Other (Specify)

***10. Name of Federal Agency:**

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

***12. Funding Opportunity Number:**

*Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

***15. Descriptive Title of Applicant's Project:**

Airport Layout Plan (ALP) Update/Master Plan, Narrative, AGIS, Exhibit A and Land Use Plan (AIP & State Apportionment)

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

16. Congressional Districts Of:

*a. Applicant: SD - At Large *b. Program/Project: SD - At Large

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 01/01/2025 *b. End Date: 12/31/2027

18. Estimated Funding (\$):

*a. Federal	\$ 332,500
*b. Applicant	\$ 8,750
*c. State	\$ 8,750
*d. Local	\$ 0
*e. Other	\$ 0
*f. Program Income	
*g. TOTAL	\$ 350,000

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on _____ .
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

***20. Is the Applicant Delinquent On Any Federal Debt?**

Yes No

If "Yes", explain:

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. *First Name: Roy
Middle Name: _____
*Last Name: Lindsay
Suffix: _____

*Title: Mayor

*Telephone Number: 605-256-7500 Fax Number: _____

* Email: roy.lindsay@cityofmadisonsd.com

*Signature of Authorized Representative: _____ *Date Signed: _____

Application for Federal Assistance SF-424	
Authorized State Representative:	
*First Name: Jack	
*Last Name: Dokken	
*Title: Program Manager, Office of Air, Rail and Transit	
*Telephone Number: 605-773-3574	Fax Number: 605-773-2804
*Email: jack.dokken@state.sd.us	
*Signature of Authorized Representative:	*Date Signed:



**Opinion of Probable Costs
 Madison Municipal Airport
 Madison, South Dakota
 KLJ #_
 AIP #3-46-0029-029-2025**



Airport Layout Plan (ALP) Update, Narrative, AGIS, Exhibit A and Land Use Plan

Engineering / Planning Costs		
Administration (not part of Engineering agreement)	\$	2,500.00
Airport Layout Plan (ALP) Update, Narrative, AGIS, Exhibit A and Land Use Plan		342,000.00
FAA Project Closeout Report		5,500.00
Total Estimated Engineering / Planning Costs	\$	350,000.00

Opinion of Probable Funding - AIP Grant	
Split Portion of Estimated Engineering / Planning Costs	350,000.00
Estimated Federal Share (95%)	332,500.00
Estimated State Share (2.5%)	8,750.00
Estimated Local Share (2.5%)	8,750.00

Madison Municipal Airport

Project Narrative – Airport Layout Plan (ALP) Update & Master Plan, Narrative, AGIS, Exhibit A and Land Use Plan

1. ALP Update

The ALP for Madison (MDS) was last completed in 2008 and is nearly 20 years old. It was based on FAA AC 150/5300-13 Airport Design (through Change 11). Since that time the Airport Design Advisory Circular has changed to the current standard, now called FAA AC 150/5300-13B issued in March 2022, and the most recent version is AC 150/5300-13B (Change 1) issued in August 2024. The drawings need to be brought to current standards so that the airport can provide a portrayal of how the areas of the airport will be most effectively used for development into the future and maximize the use of space. This airport has been through many increases in based aircraft in the past decade. The flight school plus transient air traffic needs to be analyzed to determine the peak periods and how to alleviate the traffic congestion that often occurs. Also, hangar growth at this airport has been constant and the airport is in need of identifying the future airfield development growth and pavement expansion alternatives.

2. Narrative Report

The narrative report is the justification for why the elements of the airport portrayed on the ALP are arranged and sized the way they are. This includes where hangars will go, how the apron will be laid out, what the runway capabilities will be. The narrative will thoroughly evaluate the forecast of activity at MDS over a 20-year period so that in the development of the ALP, all anticipated activity can be accommodated without impeding other development.

3. AGIS

The FAA is now using the Airport Data and Information Portal (ADIP) to consolidate information for airports including Airport GIS (AGIS) data regarding the airfield and surrounding obstructions. An AGIS project has never been completed at MDS, therefore this is required by the FAA with an ALP update. In addition to providing information into the ADIP, the airport will be able to use the newly acquired obstruction data to recognize and remove any restrictions on their runway approaches.

4. Exhibit A

In 2013, the FAA issued a number of Standard Operating Procedures (SOPs). One of these was SOP 3.00 regarding Exhibit 'A' Airport Property Inventory Maps. This standard requires a more thorough presentation of the property interest that the Airport Sponsor has in the airport including acquisition records and any encumbrances that may limit the Airport Sponsor's ability to maintain the airport. The work includes title search for deeds, easements and encumbrances and development of a booklet which will include all records.

5. Land Use Plan

A land use plan for an airport is completed to assure that property uses surrounding the airport will remain compatible with the long-term plans of the airport and there will not be a conflict created by an off airport development. The land use plan primarily relates to height restrictions but also includes compatible use (e.g. protecting residential uses in approach areas or near areas that would experience loud noises).

10-Year Capital Improvement Program (CIP)

Airport Name: Madison Municipal Airport
Owner Name: City of Madison
Associated City, State: Madison, SD
County Name: Lake

Local Identifier: MDS
NPIAS No: 46-0029
CAGE Code (SAM): 712D2 **SAM Expiration:** 8/29/2025
UEI: MTC8CUH8MNQ6

Legend			
Annual Entitlement	FAA Funding	Local Funding	State Funding
Planning	Environmental	Runway	Taxiway
Apron	NAVAID	Terminal	Other

Year	Item No.	Project Description	Timeline	Current Total Estimated Cost	FAA Funding					Total FAA Share	Local Share	State Share	Funding Shortfall	Funding Rates			Project Funding Type	State Priority Rating	FAA National Priority Rating (NPR)	Remarks
					Airport Improvement Program (AIP) Funding		BIL (AIG) Funding							FAA	Sponsor	State				
					Entitlement Funding	FAA Discretionary / State Apportionment	Remaining Entitlement Balance	BIL (AIG) Funding	Remaining BIL Balance											
Carryover Balances →							\$ 150,000		\$ 44,902											
Annual Entitlement →					\$ 150,000		\$ 300,000	\$ 144,000	\$ 188,902											
2025	1	Construct - Reconstruct FBO Apron & Taxiway (approx. 4,000 S.Y.) - Eligible portion	Bid spring 2025 Construct summer/fall 2025 (split 195,000 + 596,000)	\$ 791,000	\$ 300,000	\$ 266,200	\$ -	\$ 185,250	\$ 3,652	\$ 751,450	\$ 19,775	\$ 19,775	\$ -	95%	2.5%	2.5%	AIP/BIL		Entitlement Transfers/Requesting State Apportionment	
	2	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)	Summer 2025 with other airports in the State	\$ 91,000	\$ -	\$ 86,450	\$ -	\$ -	\$ 3,652	\$ 86,450	\$ 2,275	\$ 2,275	\$ -	95%	2.5%	2.5%	AIP		State Maintenance Project. Parallel Taxiway 6 years old (2019 constructed) and GA Apron 4 years old (2021 constructed). Requesting State Apportionment	
	3	ALP Update/Master Plan (including Narrative, AGIS, Exhibit A, Land Use)		\$ 350,000	\$ -	\$ 332,500	\$ -	\$ -	\$ 3,652	\$ 332,500	\$ 8,750	\$ 8,750	\$ -	95%	2.5%	2.5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2025 Totals				\$ 1,232,000						\$ 1,170,400	\$ 30,800	\$ 30,800								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ 144,000	\$ 147,652											
2026	4	Design - Holding Bays for Runway 15 & 33 ends	Design summer 2026 Bid spring 2027	\$ 80,000	\$ 76,000	\$ -	\$ 74,000	\$ -	\$ 147,652	\$ 76,000	\$ 2,000	\$ 2,000	\$ -	95%	2.5%	2.5%	AIP			
	2026 Totals				\$ 80,000					\$ 76,000	\$ 2,000	\$ 2,000								
Annual Entitlement →					\$ 150,000		\$ 224,000	\$ -	\$ 147,652											
2027	5	Construct - Holding Bays for Runway 15 & 33 ends	Construct summer/fall 2027	\$ 1,350,000	\$ 224,000	\$ -	\$ -	\$ 147,652	\$ -	\$ 1,215,000	\$ 67,500	\$ 67,500	\$ 843,348	90%	5%	5%	AIP/BIL		Entitlement Transfers/Requesting State Apportionment	
	6	Design - Connecting Taxiway	Design summer 2027 Bid spring 2028	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,000	\$ 4,000	\$ 4,000	\$ 72,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2027 Totals				\$ 1,430,000					\$ 1,287,000	\$ 71,500	\$ 71,500									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2028	7	Construct - Connecting Taxiway	Construct summer/fall 2028	\$ 450,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 405,000	\$ 22,500	\$ 22,500	\$ 255,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	8	Design and Construct - Sanitary Sewer to Airport	Design summer 2028 Bid and construct 2029	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 12,500	\$ 12,500	\$ 225,000	90%	5%	5%	AIP		Funding Shortfall. Eligibility would be prorated. EA may be required.	
2028 Totals				\$ 700,000					\$ 630,000	\$ 35,000	\$ 35,000									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2029	9	Design - Apron Expansion	Design summer 2029 Bid spring 2030	\$ 80,000	\$ 72,000	\$ -	\$ 78,000	\$ -	\$ -	\$ 72,000	\$ 3,500	\$ 3,500	\$ -	90%	5%	5%	AIP			
	10	Environmental Assessment & RPZ Analysis - Extension of Runway 3-21		\$ 200,000	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 10,000	\$ 10,000	\$ 102,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
2029 Totals				\$ 280,000					\$ 252,000	\$ 13,500	\$ 13,500									
2025-2029 Totals				\$ 3,722,000					\$ 3,415,400	\$ 152,800	\$ 152,800									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2030	11	Construct - Apron Expansion	Construct summer/fall 2030	\$ 1,500,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000	\$ 75,000	\$ 75,000	\$ 1,200,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	12	Design - Extend Runway 3-21 to 3,600 feet by 120 feet		\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,500	\$ 4,750	\$ 4,750	\$ 85,500	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	13	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)		\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,400	\$ 5,300	\$ 5,300	\$ 95,400	90%	5%	5%	AIP		State Maintenance Project. Parallel Taxiway 11 years old (2019 constructed) and GA Apron 9 years old (2021 constructed). Requesting State Apportionment	
2030 Totals				\$ 1,701,000					\$ 1,530,900	\$ 85,050	\$ 85,050									
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2031	14	Construct - Extend Runway 3-21 to 3,600 feet by 120 feet		\$ 600,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000	\$ 30,000	\$ 30,000	\$ 390,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2031 Totals				\$ 600,000					\$ 540,000	\$ 30,000	\$ 30,000								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2032	15	No project		\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	90%	5%	5%	AIP			
	2032 Totals				\$ -					\$ -	\$ -	\$ -								
Annual Entitlement →					\$ 150,000		\$ 300,000	\$ -	\$ -											
2033	16	Rehabilitate Runway 15-33		\$ 500,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 25,000	\$ 25,000	\$ 150,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2033 Totals				\$ 500,000					\$ 450,000	\$ 25,000	\$ 25,000								
Annual Entitlement →					\$ 150,000		\$ 150,000	\$ -	\$ -											
2034	17	Construct Corporate Hangar Taxiway		\$ 500,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 25,000	\$ 25,000	\$ 300,000	90%	5%	5%	AIP		Entitlement Transfers/Requesting State Apportionment	
	2034 Totals				\$ 500,000					\$ 450,000	\$ 25,000	\$ 25,000								
2030-2034 Totals				\$ 3,301,000					\$ 2,970,900	\$ 165,050	\$ 165,050									
2025-2034 CIP Totals				\$ 7,023,000					\$ 6,386,300	\$ 317,850	\$ 317,850									
2035	18	State Pavement Maintenance Project - Emulsified Asphalt Seal Coat/Crack Seal (ST-SS)		\$ 124,000	\$ 111,600	\$ -	\$ 38,400	\$ -	\$ -	\$ 111,600	\$ 6,200	\$ 6,200	\$ -	90%	5%	5%	AIP		State Maintenance Project	
2036	19	Replace PAPIs		\$ 150,000	\$ 135,000	\$ -	\$ 53,400	\$ -	\$ -	\$ 135,000	\$ 7,500	\$ 7,500	\$ -	90%	5%	5%	AIP			
2035-2036 Totals				\$ 274,000					\$ 246,600	\$ 13,700	\$ 13,700									
2025-2036 Totals				\$ 7,297,000					\$ 6,632,900	\$ 331,550	\$ 331,550									



MADISON, CITY OF

Unique Entity ID MTC8CUH8MNQ6	CAGE / NCAGE 712D2	Purpose of Registration Federal Assistance Awards Only
Registration Status Active Registration	Expiration Date Aug 29, 2025	
Physical Address 116 W Center ST Madison, South Dakota 57042-2833 United States	Mailing Address 116 W Center ST Madison, South Dakota 57042 United States	

Business Information

Doing Business as (blank)	Division Name (blank)	Division Number (blank)
Congressional District South Dakota 00	State / Country of Incorporation (blank) / (blank)	URL (blank)

Registration Dates

Activation Date Sep 3, 2024	Submission Date Aug 29, 2024	Initial Registration Date Dec 9, 2013
---------------------------------------	--	---

Entity Dates

Entity Start Date Dec 1, 1889	Fiscal Year End Close Date Dec 31
---	---

Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USApending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

Exclusion Summary

Active Exclusions Records?

No

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure U.S. Government Entity	Entity Type US Local Government	Organization Factors (blank)
Profit Structure (blank)		

Socio-Economic Types

Check the registrant's Repts & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

Government Types

U.S. Local Government
Municipality

Financial Information

Accepts Credit Card Payments Debt Subject To Offset
Yes **No**

EFT Indicator CAGE Code
0000 **712D2**

Points of Contact

Electronic Business

👤 **116 W Center**
Amy Sad **Madison, South Dakota 57042**
 United States

Government Business

👤 **116 W Center**
Amy Sad **Madison, South Dakota 57042**
 United States

Service Classifications

NAICS Codes

Primary NAICS Codes NAICS Title

Disaster Response

This entity does not appear in the disaster response registry.

ORDINANCE NO. 1673

AN ORDINANCE ENTITLED, AN ORDINANCE TO REPEAL CHAPTER 18 OF THE REVISED ORDINANCE OF THE CITY OF MADISON RELATING TO FLOOD DAMAGE PREVENTION.

That Chapter 18 of the Revised Ordinances of the City of Madison, known as the Code of Ordinances, be replaced to read as follows:

Chapter 18

FLOODS

ARTICLE I. IN GENERAL

Sec. 18-1. Statutory Authorization, Findings of Fact, Purpose and Methods.

- (a) *Statutory authorization* The Legislature of the State of South Dakota has in SDCL 11-2-13 and 11-4-1 delegated the responsibility of local governmental units to adopt regulations designed to minimize flood losses. Therefore, the City Commission of Madison, South Dakota, does ordain as follows:

The City of Madison elects to comply with the requirements of the National Flood Insurance Act of 1968 (P.L. 90-488, as amended). The National Flood Insurance Program (NFIP) is a voluntary program administered by the Federal Emergency Management Agency (FEMA), a component of the U.S. Department of Homeland Security, and the City of Madison's community officials have elected to join the program, participate, and enforce this Flood Damage Prevention Ordinance and the requirements and regulations of the NFIP. The NFIP, established in the aforesaid act, provides that areas of the City of Madison having a special flood hazard be identified by FEMA, and that floodplain management measures be applied in such flood hazard areas. Furthermore, the City of Madison may elect to administer the Flood Damage Prevention Ordinance to areas not identified as Special Flood Hazard Areas (SFHAs) by FEMA on the community's effective Flood Insurance Rate Map (FIRM), if the community has documentation to support that there is an inherent risk of flooding in such areas.

- (b) *Findings of fact:*

- (1) The flood hazard areas of the City of Madison are subject to periodic inundation by flood waters, which results in potential loss of life and property, health and safety hazards, disruption of commerce and governmental services, and extraordinary public expenditures for flood protection and relief; all of which adversely affect the public health, safety and general welfare of the inhabitants of the City of Madison.
- (2) These potential flood losses are caused by: the cumulative effect of obstructions in floodplains that are known to cause increases in flood heights and velocities; the occupancy of flood hazard areas by structures vulnerable to floods because they are inadequately elevated or otherwise unprotected from flood damages; and uses deemed unsuitable for floodplain areas or that do not account for the increased flood risk.

- (c) *Statement of purpose:* It is the purpose of this ordinance to promote the public health, safety and general welfare of the community and to minimize public and private losses due to flood

conditions in specific areas by provisions designed to:

- (1) To protect human life and health;
 - (2) Protect and safeguard the welfare and safety of first responders should an emergency response is needed;
 - (3) Help maintain a stable tax base by providing for the sound use and development of floodprone areas in such a manner as to minimize future flood blight areas; and
 - (4) Promote that potential buyers are notified if properties are in a flood area.
- (d) *Methods of reducing flood losses.* To accomplish the purposes outlined in Article I, Section C. Statement Of Purpose, this ordinance applies the following methods:
- (1) Restricting or prohibiting uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities;
 - (2) Requiring that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;
 - (3) Controls the alteration of natural floodplains, stream channels, and natural protective barriers, which are involved in the accommodation of flood waters;
 - (4) Controlling filling, grading, dredging, and other development which may increase flood damage; and
 - (5) Prevents or regulates the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards in other areas.

(Code 1979, § 8.5-1; Ord. No. 954, art. I, § 23-123-4, 6-14-1982; Ord. No. 1479, 7-27-2009)

ARTICLE II. DEFINITIONS

Sec. 18-2. Definitions.

Unless specifically defined below, words or phrases used in this ordinance shall be interpreted to give them the meaning they have in common usage and to give this ordinance its most reasonable application. (Ord. No. 954, Art. II, 23-10, 6-14-82)

100-Year Flood means a flood having a recurrence interval that has a 1-percent chance of being equaled or exceeded during any given year (1-percent-annual-chance flood). The terms “100-hundred-year flood” and “1-percent-annual-chance flood” are synonymous. The term does not imply that the flood will necessarily happen once every 100 hundred years. Mandatory flood insurance requirements may apply.

100-Year Floodplain means the area of land susceptible to being inundated due to the occurrence of a 1-percent-annual-chance flood.

500-Year Flood means a flood having a recurrence interval that has a 0.2-percent chance of being equaled or exceeded during any given year (0.2-percent-annual-chance flood). The term does not

imply that the flood will necessarily happen once every 500 years and mandatory flood insurance requirement generally does not apply.

500-Year Floodplain means the area of land susceptible to being inundated due to the occurrence of a 0.2-percent-annual-chance flood.

Accessory Structure is a structure that is on the same parcel of property as a principal structure. Its use is incidental to the use of the principal structure the ownership of the accessory structure is the same owner as of the principal structure. An accessory structure is a non-residential structure of low value that is used solely for the parking of vehicles and storage of tools, materials, or equipment. No human habitation is allowed within an accessory structure.

Addition is any improvement that expands the enclosed footprint or increases the square footage of an existing structure. This includes lateral additions added to the side, front, or rear of a structure; vertical additions added on top of a structure; and enclosures added underneath a structure.

Alluvial Fan Flooding means flooding occurring on the surface of an alluvial fan or similar landform that originates at the apex. It is characterized by high-velocity flows; active processes of erosion, sediment transport, and deposition; and unpredictable flow paths.

Apex means a point on an alluvial fan or similar landform below which the flow path of the major stream that formed the fan becomes unpredictable and alluvial fan flooding can occur.

Appurtenant Structure—see Accessory Structure.

Area of Future-Conditions Flood Hazard means the land area that would be inundated by the 1-percent-annual-chance (100-year) flood, based on future-conditions hydrology.

Area of Shallow Flooding means a designated AO, AH, AR/AO, or AR/AH zone on a community's Flood Insurance Rate Map (FIRM) with a 1 percent or greater annual chance of flooding to an average depth of 1 to 3 feet where a clearly defined channel does not exist, where the path of flooding is unpredictable, and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow.

Area of Special Flood-Related Erosion Hazard is the land within a community that is most likely to be subject to severe flood-related erosion losses. The area may be designated as Zone E on the Flood Hazard Boundary Map (FHBM). After the detailed evaluation of the special flood-related erosion hazard area, in preparation for publication of the FIRM, Zone E may be further refined.

Area of Special Flood Hazard is the land in the flood plain within a community subject to a 1 percent or greater chance of flooding in any given year. The area may be designated as Zone A on the FHBM. After detailed ratemaking has been completed in preparation for publication of the FIRM, Zone A usually is refined into Zones A, AO, AH, A1-30, AE, A99, AR, AR/A1-30, AR/AE, AR/AO, AR/AH, AR/A, or V1-30, VE, or V. For purposes of these regulations, the term “special flood hazard area” is synonymous in meaning with the phrase “area of special flood hazard”.

Base Flood means the flood having a 1-percent chance of being equaled or exceeded in any given year.

Base Flood Elevation (BFE) is the water surface elevation of the 1-percent-annual-chance flood

event. It is the height in relation to mean sea level expected to be reached by the waters of the base flood at pertinent points in the floodplains of coastal and riverine areas. It is also the elevation shown on the FIRM and found in the accompanying Flood Insurance Study (FIS) for Zones A, AE, AH, A1-A30, AR, V1-V30, or VE that indicates the water surface elevation resulting from the flood that has a 1-percent chance of equaling or exceeding that level in any given year.

Basement means any area of the building having its floor subgrade (below ground level) on all sides. A walkout basement that does not require a step up to grade is not considered a basement. Best Available Data is existing flood hazard information adopted by a community and reflected on an effective FIRM, FBFM, FHBM and/or within an FIS report; or draft or preliminary flood hazard information supplied by FEMA or from another source. Other sources may include, but are not limited to, state, other federal agencies, or local studies, the more restrictive of which would be reasonably used by the community.

Breakaway Wall means a wall that is not part of the structural support of the building and is intended through its design and construction to collapse under specific lateral loading forces, without causing damage to the elevated portion of the building or supporting foundation system. Any walls below the lowest floor in a building in a V or VE Zone should give way under wind and water loads without causing collapse, displacement, or other damage to the elevated portion of the building or the supporting pilings or columns. Breakaway walls apply only to V or VE Zones.

Building—see Structure.

Channelization means the artificial creation, enlargement, realignment, or alteration of a stream channel's slope, shape, or alignment. Streambank restoration may be deemed as channelization.

Code of Federal Regulations (CFR) is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

Conditional Letter of Map Revision (CLOMR) is FEMA's comment on a proposed project that would, upon construction, affect the hydrologic and/or hydraulic characteristics of a flooding source and thus result in the modification of the existing regulatory floodway, the effective BFEs, and/or the SFHA. The letter does not revise an effective map; it indicates whether the project, if built as proposed, would be recognized by FEMA.

Conditional Letter of Map Revision Based on Fill (CLOMR-F) is FEMA's comment on a proposed structure or property. The letter does not revise an effective map; it indicates whether the project, if built as proposed, would be removed from the floodplain.

Crawlspace means an under-floor space that has its interior floor area (finished or not) no more than 4 feet from the bottom floor joist to the next higher floor elevation, designed with proper openings that equalize hydrostatic pressures of flood water, and is not used for habitation. Reference: Article V, Section 18-23 d Crawlspace

Critical Facility means a facility or building where even a slight chance of flooding is too great a threat. Typical critical facilities include hospitals, fire stations, police stations, schools, storage of critical records, assisted living and similar facilities.

Deed Restriction refers to a clause in a deed that limits the future use of the property in some

respect. Deed restrictions may impose a vast variety of limitations and conditions. For example, they may limit the density of buildings, dictate the types of structures that can be erected, or prevent buildings from being used for specific purposes or from being used at all.

Detached Garage is a building that is used solely for storage of materials or vehicle parking for up to four housing occupants. If a detached garage is designed or used for habitation or conducting business, or has multiple stories, then the building is not considered a detached garage under the NFIP.

Development means any human-made change to improved or unimproved real estate, including but not limited to buildings or other structures, mining, dredging, filling, grading, paving, demolition, excavation or drilling operations, or storage either temporary or permanent of equipment or materials.

Elevated Building is a non-basement building built, in the case of a building in Zone A1-30, AE, A, A99, AR, AO, AH, B, C, X and D, to have the top of the elevated floor above the ground level by means of pilings, columns (post and piers), or shear walls parallel to the flow of the water and adequately anchored so as not to impair the structural integrity of the building during a flood of up to the magnitude of the base flood. In the case of a building in Zone A1-30, AE, A, A99, AR, AO, AH, B, C, X and D, an “elevated building” also includes a building elevated by means of fill or solid foundation perimeter walls with openings sufficient to facilitate the unimpeded movement of flood waters.

Enclosure refers to an enclosed walled-in area below the lowest floor of an elevated building. Enclosures below the BFE may only be used for building access, vehicle parking, and storage.

Erosion means the process of the gradual wearing away of land masses by wind, water, or other natural agents.

Existing Construction refers to structures for which the “start of construction” commenced before the effective date of the FIRM or before January 1, 1975, for FIRMs effective before that date. It may also be referred to as Existing Structures.

Existing Manufactured Home Park or Subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by a community.

Existing Structures—see Existing Construction.

Expansion to an Existing Manufactured Home Park or Subdivision means the preparation of additional sites by the construction of facilities for servicing the lots on which the manufacturing homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

FEMA means the Federal Emergency Management Agency.

Fill refers to the placement of materials, such as dirt, sand, or rock to elevate a structure, property, or portion of a property above the natural elevation of the site, regardless of where the material was obtained from. The common practice of removing unsuitable material and replacing with engineered material is not considered fill if the elevations are returned to the existing conditions.

Any fill placed or used prior to the area being mapped as a flood hazard area is not deemed as fill.

Flood or Flooding means:

- (1) A general and temporary condition of partial or complete inundation of normally dry land areas from:
- (2) The overflow of inland or tidal waters.
- (3) The unusual and rapid accumulation or runoff of surface waters from any source.
- (4) Mudslides (i.e., mudflows) that are proximately caused by flooding as defined in this ordinance and are akin to a river of liquid and flowing mud on the surfaces of normally dry land areas, as when earth is carried by a current of water and deposited along the path of the current.
- (5) The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in flooding as defined in this ordinance.

Flood Insurance Manual is the document FEMA produces twice a year and is used to write flood insurance policies underwritten by the NFIP. The document contains definitions, policy rates, coverage and limitations, application and insurance policy forms.

Flood Insurance Rate Map (FIRM) means an official map of a community, on which the Administrator has delineated both the SFHAs and the risk premium zones applicable to the community.

Flood Insurance Study (FIS) or Flood Elevation Study means an examination, evaluation, and determination of flood hazards and, if appropriate, corresponding water surface elevations, or an examination, evaluation and determination of mudslide (i.e., mudflow) and/or flood-related erosion hazards.

Floodplain Development Permit is a community issued permit or document that is used for any development that occurs within an SFHA identified by FEMA or the community. It is used to address the proposed development to ensure compliance with the community's ordinance.

Floodplain or Flood-Prone Area means any land area susceptible to being inundated by water from any source whether or not identified by FEMA (see definition of Flooding).

Floodplain Management means the operation of an overall program of corrective and preventive measures for reducing flood damage, including but not limited to emergency preparedness plans, flood control works, mitigation plans, and floodplain management regulations.

Floodplain Management Regulations means zoning ordinances, subdivision regulations, building codes, health regulations, special purpose ordinances (such as a floodplain ordinance, grading ordinance and erosion control ordinance) and other applications of police power. The term describes such state or local regulations, in any combination thereof, which provide standards for flood damage prevention and reduction.

Flood Opening refers to an opening in the wall of an enclosed structure that allows floodwaters to

automatically enter and exit the enclosure. Refer to FEMA Technical Bulletin 1.

Flood Protection System means those physical structural works for which funds have been authorized, appropriated, and expended and which have been constructed specifically to modify flooding in order to reduce the extent of the area within a community subject to an SFHA and to reduce the depths of associated flooding. Such a system typically includes hurricane tidal barriers, dams, reservoirs, levees or dikes. These specialized, flood modifying works are those constructed in conformance with sound engineering standards. FEMA only accredits levees, both private and public, that have been certified by a professional engineer or firm in which the certification shows that the levee have met and continue to meet the minimum regulatory standards cited in Title 44, Chapter 1, Section 65.10 of the Code of Federal Regulations (44 CFR 65.10).

Floodproofing means any combination of structural and non-structural additions, changes, or adjustments to structures that reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents. Floodproofing can either be accomplished in the form of dry floodproofing in which the structure is watertight below the levels that need flood protection, or wet floodproofing in permanent or contingent measures applied to a structure that prevent or provide resistance to damage from flooding, while allowing floodwaters to enter the structure or area.

Floodway—see Regulatory Floodway.

Floodway encroachment lines mean the lines marking the limits of floodways on federal, state, and local flood plain maps.

Freeboard means a factor of safety usually expressed in feet above a flood level for purposes of flood plain management. “Freeboard” tends to compensate for the many unknown factors that could contribute to flood heights greater than the height calculated for a selected size flood and floodway conditions, such as wave action, bridge openings, and the hydrological effect of urbanization of the watershed.

Functionally Dependent Use means a development that cannot perform its intended purpose unless it is located or carried out in close proximity to water. The term includes docking facilities, port facilities that are necessary for the loading and unloading of cargo or passengers, and ship building and repair facilities. It does not include long-term storage or related manufacturing facilities.

Highest Adjacent Grade (HAG) means the highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure. In AO Zones, the highest adjacent grade is utilized by comparing the lowest floor elevation to that of the highest adjacent grade and the depth of the AO Zone.

Historic Structure means any structure that is:

- (6) Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
- (7) Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;

- (8) Individually listed on a state inventory of historic places in states with historic reservation programs that have been approved by the Secretary of the Interior; or
- (9) Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either:
 - (a) By an approved state program as determined by the Secretary of the Interior, or
 - (b) Directly by the Secretary of the Interior in states without approved programs.

Letter of Map Amendment (LOMA) means an official amendment, by letter, to an effective FIRM. A LOMA establishes a property's location in relation to the SFHA. It is usually issued because a property or structure has been inadvertently mapped as being in the floodplain, when the property or structure is actually on natural high ground above the BFE.

Letter of Map Revision (LOMR) means FEMA's modification or revision to an entire or portion of the effective FIRM, or Flood Boundary and Floodway Map, or both. LOMRs are generally based on the implementation of physical measures that affect the hydrologic or hydraulic characteristics of a flooding source and thus result in the modification of the existing regulatory floodway, the effective BFEs, or the SFHA.

Letter of Map Revision Based on Fill (LOMR-F) means FEMA's amendment, by letter, to an effective FIRM where fill was brought in or used to elevate a property, portion of property or structure above the BFE.

Levee means a man-made structure usually an earthen embankment, designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding.

Levee System means a flood protection system that consists of a levee, or levees, and associated structures, such as closure and drainage devices, which are constructed and operated in accordance with sound engineering practices.

Lowest Adjacent Grade (LAG) means the lowest natural elevation of the ground surface prior to construction next to the proposed walls of a structure. For an existing structure, it means the lowest point where the structure and ground touch, including but not limited to attached garages, decks, stairs, and basement windows.

Lowest Floor means the lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area is not considered a building's lowest floor; provided, that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements of Section 60.3.

Manufactured Home means a structure, transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when attached to the required utilities. The term "manufactured home" does not include a "recreational vehicle"; however, a manufactured home may be used for both residential and non-residential use.

Manufactured Home Park or Subdivision means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.

Map means the FHBM or the FIRM for a community issued by FEMA.

Mean Sea Level means, for purposes of the NFIP, the National Geodetic Vertical Datum (NGVD) of 1929, North American Vertical Datum (NAVD) of 1988, or other datum, to which BFEs shown on a community's FIRM are referenced.

Mixed Use Structures are structures with both a business and a residential component, but where the area used for business is less than 50 percent of the total floor area of the structure.

New Construction means structures for which the start of construction commenced on or after the effective date of a floodplain management regulation adopted by a community and includes any subsequent improvements to such structures. For the purposes of determining insurance rates, structures for which the “start of construction” commenced on or after the effective date of an initial FIRM or after December 31, 1974, whichever is later, and includes any subsequent improvements to such structures.

New Manufactured Home Park or Subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of floodplain management regulations adopted by a community.

No-Rise Certifications are formal certifications signed and stamped by a professional engineer licensed to practice in the state, demonstrating through hydrologic and hydraulic analyses performed in accordance with standard engineering practice that a proposed development will not result in any increase (0.00 feet) in flood levels within the community during the occurrence of a base flood event.

Physical Map Revision (PMR) is FEMA’s action whereby one or more map panels are physically revised and republished.

Recreational Vehicle means a vehicle which is:

- (1) Built on a single chassis;
- (2) 400 square feet or less when measured at the largest horizontal projection;
- (3) Designed to be self-propelled or permanently towable by a light duty truck; and
- (4) Designed primarily, not for use as a permanent dwelling but, as temporary living quarters for recreational, camping, travel, or seasonal use.

Regulatory Floodway means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height.

Riverine means relating to, formed by, or resembling a river (including tributaries), stream, brook, creek, etcetera, which can be intermittent or perennial.

Section 1316 refers to the section of the National Flood Insurance Act of 1968, as amended, which provides for the denial of flood insurance coverage for any property that the Administrator finds has been declared by a duly constituted State or local authority to be in violation of State or local floodplain management regulations. Section 1316 is issued for a property, not a property owner, and remains with the property even after a change of ownership.

Special Flood Hazard Area—see Area of Special Flood Hazard.

Start of Construction (for other than new construction or substantial improvements under the Coastal Barrier Resources Act (Pub. L. 97-348)) includes substantial improvement, and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition placement, or other improvement was within 180 days of the permit date. The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of excavation; or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers, or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure. For a substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

Structure means, for floodplain management purposes, a walled and roofed building, culvert, bridge, dam, or a gas or liquid storage tank that is principally above ground, as well as a manufactured home. Structure, for insurance purposes, means:

- (1) A building with two or more outside rigid walls and a fully secured roof, which is affixed to a permanent site;
- (2) A manufactured home (“a manufactured home,” also known as a mobile home, is a structure: built on a permanent chassis, transported to its site in one or more sections, and affixed to a permanent foundation); or
- (3) A travel trailer without wheels built on a chassis and affixed to a permanent foundation, that is regulated under the community's floodplain management and building ordinances or laws.
- (4) For insurance purposes, “structure” does not mean a recreational vehicle or a park trailer or other similar vehicle, except as described in paragraph (3) of this definition, or a gas or liquid storage tank.

Substantial Damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its pre-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred.

Substantial Improvement means any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the “start of construction” of the improvement. This term includes structures which have incurred “substantial damage”, regardless of the actual repair work performed.

The term does not, however, include:

- (1) Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications that have been identified by the local code enforcement official and are the minimum necessary to assure safe living conditions; or
- (2) Any alteration of a “historic structure”, if the alteration will not preclude the structure's continued designation as a “historic structure.”

Variance means a grant of relief by a community from the terms of a flood plain management regulation. Reference: Article IV, Section 18-18 Variance Procedures

Violation means the failure of a structure or other development to be fully compliant with the

community's flood plain management regulations. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in Sections 44 CFR 60.3(b)(5), (c)(4), (c)(10), (d)(3), (e)(2), (e)(4), or (e)(5) is presumed to be in violation until such time as that documentation is provided.

Water Surface Elevation means the height, in relation to the North American Vertical Datum (NAVD) of 1988, (or other datum, where specified) of floods of various magnitudes and frequencies, such as the 1-percent-annual-chance flood event, in the flood plains of coastal or riverine areas.

Watercourse means the channel and banks of an identifiable water in a creek, brook, stream, river, ditch or other similar feature.
(Code 1979, § 8.5-20, 8.5-21; Ord. No. 954, art. II, § 23-10, 6-14-1982; Ord. No. 1081, 2-2-1989; Ord. No. 1407, 6-26-2006; Ord. No. 1479, 7-27-2009)

ARTICLE III. GENERAL PROVISIONS

Sec. 18-3. Lands to Which This Ordinance Applies.

The ordinance shall apply to all areas of special flood hazard identified by FEMA or, if elected in Article III, Section 18-5 Use of Best Available Data, areas of identified and documented flood risk supported using Best Available Data within the jurisdiction of the City of Madison.
(Code 1979, § 8.5-2; Ord. No. 1081, 2-2-1989; Ord. No. 1479, 7-27-2009)

Sec. 18-4. Basis for Establishing the Areas of Special Flood Hazard

The areas of special flood hazard identified by FEMA in a scientific and engineering report entitled, "The Flood Insurance Study for The City of Madison, Lake County South Dakota and Incorporated Areas" dated November 21, 2024, accompanying FIRMs, and any Letters of Map Change including Letters of Map Amendment, Letters of Map Revision based on Fill, and Letters of Map Revision, thereto are hereby automatically adopted by reference and declared to be a part of this ordinance.
(Code 1979, § 8.5-3; Ord. No. 1081, 2-2-1989; Ord. No. 1479, 7-27-2009)

Sec. 18-5. Use of Best Available Data.

Higher Standard Option

The community has elected to adopt Best Available Data, defined in Article III Section 18-3 Lands to Which This Ordinance Applies, to regulate floodplain development in addition to utilizing the effective FIRMs, FHBM, FIS, and/or FBFM. Where Best Available Data contradicts the FIRMs, FHBM, FIS, and/or the FBFM, the more restrictive data shall be utilized.

Sec. 18-6. Establishment of Floodplain Development Permit

A Floodplain Development Permit shall be required to ensure conformance with the provisions of this ordinance.

Sec. 18-7. Abrogation and Greater Restrictions.

This ordinance is not intended to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this ordinance and another ordinance, easement, covenant, or deed restriction conflict or overlap, whichever imposes the more stringent restrictions shall

prevail.

(Code 1979, § 8.5-5; Ord. No. 954, art. III, § 23-20, 6-14-1982; Ord. No. 1479, 7-27-2009)

Sec. 18-8. Interpretation.

In the interpretation and application of this ordinance, all provisions shall be:

(1) Considered as minimum requirements;

(2) Liberally construed in favor of the governing body; and

(3) Deemed neither to limit nor repeal any other powers granted under state statutes.

(Code 1979, § 8.5-6; Ord. No. 954, art. III, § 23-21, 6-14-1982; Ord. No. 1479, 7-27-2009)

Sec. 18-9. Warning and disclaimer of liability.

The degree of flood protection required by this ordinance is considered reasonable for regulatory purposes and is based on scientific and engineering considerations. On rare occasions, greater floods can and will occur and flood heights may be increased by human-made or natural causes.

This ordinance does not imply that land outside the areas of special flood hazards or uses permitted within such areas will be free from flooding or flood damages. This ordinance shall not create liability on the part of the community or any official or employee thereof for any flood damages that result from reliance on this ordinance or any administrative decision lawfully made thereunder.

(Code 1979, § 8.5-7; Ord. No. 954, art. III, § 23-22, 6-14-1982; Ord. No. 1479, 7-27-2009)

Sec. 18-10. Severability.

If any section, provision, or portion of this ordinance is adjudged unconstitutional or invalid by a court, the remainder of the ordinance shall not be affected.

Sec. 18-11. Compliance.

No structures or developments including buildings, recreation vehicles, or manufactured homes or land shall hereafter be located, altered, or have its use changed without full compliance with the terms of this ordinance and other applicable regulations. Nothing herein shall prevent the City of Madison Commission from taking such lawful action as is necessary to prevent or remedy any violations.

(Code 1979, § 8.5-4; Ord. No. 954, art. III, § 23-19, 6-14-1982; Ord. No. 1479, 7-27-2009)

Sec. 18-12. Stop Work Order

(a) Authority. Whenever the floodplain administrator or other community official discovers any work or activity regulated by this ordinance being performed in a manner contrary to the provision of this ordinance, the floodplain administrator is authorized to issue a stop work order.

(b) Issuance. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work

will be permitted to resume.

- (c) Unlawful continuance. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by local or state law including but not limited to the penalties outlined in Article III, Section 18-13 Penalties for Noncompliance.

Sec. 18-13. Penalties for Noncompliance.

In accordance with Section 59.2(b) of CFR 44, Chapter 1, of the NFIP regulation, to qualify for the sale of federally subsidized flood insurance, a community must adopt floodplain management regulations that meet or exceed the minimum standards of Section 60. “These regulations must include effective enforcement provisions.” In accordance with Section 60.1(b) of CFR 44, Chapter 1, of the NFIP regulations, “These regulations must be legally-enforceable, applied uniformly throughout the community to all privately and publicly owned land within flood-prone (i.e. mudflow) or flood-related erosion areas, and the community must provide that the regulations take precedence over less restrictive conflicting local laws, ordinances, or codes.”

No structure or land shall hereafter be constructed, located, extended, converted, or altered without full compliance with the terms of this ordinance and other applicable regulations. Violation of the provisions of this ordinance by failure to comply with any of its requirements (including violations of conditions and safeguards established in connection with conditions) shall constitute a misdemeanor. Any person who violates this ordinance or fails to comply with any of its requirements shall upon conviction thereof be fined not more than \$100 or imprisoned for not more than 30 days, or both, for each violation assessed daily, and in addition shall pay all costs and expenses involved in the case. Nothing herein contained shall prevent The City of Madison from taking such other lawful action as is necessary to prevent or remedy any violation. (Code 1979, § 8.5-8; Ord. No. 954, art. III, § 23-19, 6-13-1982; Ord. No. 1479, 7-27-2009; Ord. No. 1647, § 2, 4-4-2022)

ARTICLE IV. ADMINISTRATION

Sec. 18-14. Designation of the Floodplain Administrator.

The City of Madison Director of Engineering and Community Development is hereby appointed the Floodplain Administrator to administer and implement the provisions of this ordinance and other appropriate sections of the NFIP Regulations and 44 CFR pertaining to floodplain management. (Code 1979, § 8.5-31; Ord. No. 954, art. IV, 23-29, 6-14-1982; Ord. No. 1407, 6-26-2006; Ord. No. 1479, 7-27-2009)

Sec. 18-15. Duties and responsibilities of the administrator.

Duties of the Floodplain Administrator shall include, but not be limited to:

- (a) Uphold the goals of the community and the NFIP to reduce risk when possible and increase the community’s resistance to future disasters.
- (b) Maintain and hold open for public inspection all records pertaining to the provisions of this ordinance, including the actual elevation of the lowest floor (including basement or crawlspace) of all new or substantially improved structures and any floodproofing certificates, including the data supporting such certificates.

- (c) Maintain and hold open for public inspection maps that identify and locate the boundaries of the SFHAs to which this ordinance applies, including, but not limited to, the FIRM.
- (d) Review development proposals to determine whether a proposed building site, including sites designed for the placement of manufactured homes, will be reasonably safe from flooding.
- (e) Review, approve, or deny all applications for development permits required by adoption of this ordinance.
- (f) Ensure that all necessary permits have been obtained from those federal, state, or local governmental agencies (including Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. 1334 and the Endangered Species Act of 1973) from which prior approval is required.
- (g) Assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained.
- (h) Notify, in riverine situations, adjacent communities and the State Coordinating Agency which is the South Dakota Office of Emergency Management, prior to any alteration or relocation of a watercourse, and submit evidence of such notification to FEMA.
- (i) Where interpretation is needed as to the exact location of the boundaries of the areas of special flood hazards (for example, where there appears to be a conflict between a mapped boundary and actual field conditions), the Floodplain Administrator shall make the necessary interpretation.
- (j) When BFE data has not been provided by FEMA, the Floodplain Administrator shall obtain, review, and reasonably utilize any BFE data and floodway data available from a federal, state, or other source including data provided by the applicant, in order to administer the provisions of this ordinance.
- (k) When a regulatory floodway has not been designated, no new construction, substantial improvements, or other development (including fill) shall be permitted within Zones A1-30, AE, and AH on the community's FIRM, unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the water surface elevation of the base flood more than 1.00 foot at any point within the community.
- (l) Under the provisions of 44 CFR Chapter 1, Section 65.12 of the NFIP Regulations, a community may approve certain development in Zones A1-30, AE, and AH on the community's FIRM, which increases the water surface elevation of the base flood by more than 1.00 foot, provided that the community first meets the requirements of Section 65.12 for a conditional FIRM revision through FEMA's CLOMR process.
- (m) In addition to utilizing the effective FIRMs, FIS, Flood Boundary and Floodway Map, all permit reviews will utilize Best Available Data. Reference Article II Section 8-5 Use of Best Available Data.
- (n) If the project is determined or reasonably believed to cause an adverse effect on the BFE(s), boundaries of the floodplain or any insurable structures, technical justification for the proposed development shall be submitted and the community may require a CLOMR or LOMR to be submitted prior to the permit approval or as a requirement of the permit.

(Code 1979, § 8.5-32; Ord. No. 1081, 2-2-1989; Ord. No. 1407, 6-26-2006; Ord. No. 1479, 7-27-2009)

Sec. 18-16. Requirement to Submit New Technical Data

- (a) The property owner or developer shall notify FEMA by submittal of a LOMR within 6 months of project completion when an applicant had obtained a CLOMR from FEMA or when development altered a watercourse, modified floodplain boundaries, or modified BFE.
- (b) The property owner or developer shall be responsible for preparing technical data to support the CLOMR or LOMR application and paying any processing or application fees to FEMA. The property owner or developer is responsible for submitting the CLOMR and LOMR to FEMA and shall provide all necessary data to FEMA if requested during the review process to ensure the CLOMR or LOMR is issued.
- (c) The Floodplain Administrator shall be under no obligation to sign the Community Acknowledgement Form, which is part of the CLOMR/LOMR application, until the applicant demonstrates that the project will or has met the requirements of this ordinance and all applicable state federal, and local laws.

Sec. 18-17. Permit Procedures

Application for a Development Permit shall be presented to the Floodplain Administrator on forms furnished by him/her and may include, but not be limited to:

- (a) Duplicated plans drawn to scale showing the location, dimensions, and elevation of proposed landscape alterations.
- (b) Duplicated plans drawn to scale showing the location, dimensions, and elevation of existing and proposed structures, including the placement of manufactured homes.
- (c) Location of the foregoing in relation to SFHAs.
- (d) Elevation (in relation to mean sea level), of the lowest floor (including basement and crawlspace) of all new and substantially improved structures, if applicable;
- (e) Elevation (in relation to mean sea level), to which any nonresidential structure (if applicable) shall be floodproofed.
- (f) A certificate from a registered professional engineer or architect that the nonresidential floodproofed structure (if applicable) shall meet the floodproofing criteria of this ordinance and the NFIP Regulations.
- (g) Description of the extent to which any watercourse or natural drainage will be altered or relocated because of proposed development, if applicable.
- (h) At the community's discretion, the community may charge a fee for issuance of floodplain development permits.
- (i) Copies of all floodplain development permits and the associated documents shall become property of the community and a permanent record.

Approval or denial of a Development Permit by the Floodplain Administrator shall be based on all of the provisions of this ordinance and the following relevant factors:

- (a) The danger to life and property due to flooding or erosion damage.
- (b) The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner.
- (c) The danger that materials may be swept onto other lands to the injury of others.
- (d) The compatibility of the proposed use with existing and anticipated development.
- (e) The safety of access to the property in times of flood for ordinary and emergency vehicles.
- (f) The costs of providing governmental services during and after flood conditions including maintenance and repair of streets and bridges, and public utilities and facilities such as sewer, gas, electrical, and water systems.
- (g) The expected heights, velocity, duration, rate of rise and sediment transport of the flood waters and the effects of wave action, if applicable, expected at the site.
- (h) The necessity to the facility of a waterfront location, where applicable.
- (i) The availability of alternative locations, not subject to flooding or erosion damage, for the proposed use.
- (j) The relationship of the proposed use to the comprehensive plan for that area.
(Code 1979, § 8.5-30; Ord. No. 954, art. IV, 23-28, 6-14-1982; Ord. No. 1407, 6-26-2006; Ord. No. 1479, 7-27-2009)

Sec. 18-18. Variance procedure.

- (a) Variance
 - (1) An application for a variance must be submitted to the Flood Plain Administrator on the form provided by the City of Madison and include at a minimum the same information required for a development permit and an explanation for the basis for the variance request.
 - (2) Upon receipt of a completed application for a variance, the variance request will be set for public hearing at the next City of Madison Commission meeting in which time is available for the matter.
 - (3) Prior to the public hearing, Notice of the hearing will be published in the official newspaper of the City of Madison at least 15 days prior to the hearing. In addition to the newspaper publication, written notice shall be provided to all adjoining property owners.
 - (4) The burden to show that the variance is warranted and meets the criteria set out herein is on the applicant.
- (b) Criteria for Variances
 - (1) Generally, the only condition under which a variance from the elevation standard may be issued is for new construction and substantial improvements to be erected on a small or irregularly shaped lot contiguous to and surrounded by lots with existing structures constructed below the base flood level. As the lot size increases the technical justification required for issuing the variance increases.

- (2) Variances shall not be issued within a designated floodway if any increase in flood levels during the base flood discharge would result.
- (3) Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
- (4) Variances may be issued upon;
 - i. A showing by the applicant of good and sufficient cause;
 - ii. A determination that failure to grant the variance would result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public, or conflict with existing local laws and ordinances.
- (5) Variances pertain to a physical piece of property; they are not personal in nature and do not pertain to the structure, its inhabitants, economic or financial circumstances. They primarily address small lots in densely populated residential neighborhoods.

(c) Variance Decision

The decision to either grant or deny a variance shall be in writing and shall set forth the reasons for such approval or denial. If the variance is granted, the property owner shall be put on notice along with the written decision that the permitted building will have its lowest floor below the Flood Protection Elevation and that the cost of flood insurance likely will be commensurate with the increased flood damage risk.

(d) Appeals

The City of Madison Commission shall hear and decide appeals from the interpretations of the Administrator.

- (1) An appeal must be filed with the Flood Plain Administrator within fourteen (14) days of the date of any permit denial or interpretation of the Administrator. Failure to timely file an appeal shall be considered a failure to exhaust the administrative remedies. The appeal must set out the interpretation of the Administrator and a narrative setting forth the facts relied upon by the appellant and the appellants claim regarding the error in the interpretation.
- (2) Upon receipt of a completed appeal, the appeal will be scheduled for the next available City of Madison Commission meeting to be heard. In ruling on an appeal, the City of Madison Commission shall consider all technical evaluations, all relevant factors, and standards specified in other sections of this ordinance, including:
 - (a) The danger that materials may be swept onto other lands to the injury of others;
 - (b) The danger to life and property due to flooding or erosion damage;
 - (c) The susceptibility of the proposed facility and its contents to flood damage and the effects of such damage on the individual landowner;
 - (d) The importance of the services provided by the proposed facility to the community;
 - (e) The necessity of the facility to a waterfront location, where applicable;
 - (f) The availability of alternative locations for the proposed use which are not subject to flooding or erosion damage;

- (g) The compatibility of the proposed use with existing and anticipated development;
- (h) The relationship of the proposed use to the comprehensive plan and floodplain management program for that area;
- (i) The safety of access to the property in times of flooding for ordinary and emergency vehicles;
- (j) The expected heights, velocity, duration, rate of rise, and sediment transport of the flood waters and the effects of wave action, if applicable, expected at the site; and
- (k) The cost of providing government services during and after flood conditions including maintenance and repair of public utilities and facilities such as sewer, gas, electrical, and water systems, and streets and bridges.

(e) Decision

The City of Madison’s decision on appeal shall be in writing and set out the facts, technical information, and the legal basis for the decision.

(Code 1979, § 8.5-33; Ord. No. 954, art. IV, 23-31, 6-14-1982; Ord. No. 1081, 2-2-1989; Ord. No. 1407, 6-26-2006; Ord. No. 1479, 7-27-2009)

ARTICLE V. PROVISIONS FOR FLOOD HAZARD REDUCTION

Sec. 18-19. General standards.

In all areas of special flood hazards, the following provisions are required for all new construction and substantial improvements:

- (a) All new construction or substantial improvements shall be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.
- (b) All new construction or substantial improvements shall be constructed by methods and practices that minimize flood damage.
- (c) All new construction or substantial improvements shall be constructed with materials resistant to flood damage.
- (d) All new construction or substantial improvements shall be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.
- (e) All new and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system.
- (f) New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the system and discharge from the systems into flood waters.
- (g) On-site waste disposal systems shall be designed or located to avoid impairment to them or contamination from them during flooding.

Sec. 18-20. Substantial Improvement.

Any combination of repair, reconstruction, rehabilitation, addition, or improvement of a building or structure, if the cumulative cost of the entire project equals or exceeds 50 percent of the market value of the structure only (not of the structure and land value combined) before the improvement or repair is started then the work shall be considered as substantial improvement. If the structure has sustained substantial damage, any repairs are considered substantial improvements regardless of the actual repair work performed. For Substantial Damage, refer to Article V, Section 18-21 Substantial Damage. The term does not, however, include either:

- (a) Any project for improvement of a building required to correct existing health, sanitary, or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions.
- (b) Any alteration of a historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure.

Sec. 18-21. Substantial Damage.

Substantial damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its pre-damaged condition would equal or exceed 50 percent of the market value of the structure only before the damage occurred. This term also applies to structures which have incurred any damage that equals or exceeds 50 percent of the structure's market value regardless of the actual repair work performed. When a structure or building has been determined as substantially damaged, any work or repair on said structure or building will be considered as substantial improvement and will be required to meet the development requirements set forth within this ordinance for substantial improvement.

(Code 1979, § 8.5-40; Ord. No. 954, art. V, § 23-37, 6-14-1982; Ord. No. 1081, 2-2-1989; Ord. No. 1479, 7-27-2009)

Sec. 18-22. Substantial Improvement and Substantial Damage Determination.

For applications for building permits to improve buildings and structures, including alterations, movement, enlargement, replacement, repair, change of occupancy, additions, rehabilitations, renovations, and any other improvement of or work on such buildings and structures, the Floodplain Administrator, in coordination with the applicable community officials and staff, shall:

- (a) Estimate the market value, or require the applicant to obtain an appraisal of the market value prepared by a qualified independent appraiser, of the building or structure only, not of land and building, before the start of construction of the proposed work. In the case of repair, the market value of the building or structure shall be the market value before the damage occurred and before any repairs are made.
- (b) Compare the cost to perform the improvement, the cost to repair a damaged building to its pre-damaged condition, or the combined costs of improvements and repairs, if applicable, to the market value of the building or structure.
- (c) Determine and document whether the proposed work constitutes substantial improvement or repair of substantial damage; the determination requires evaluation of previous permits issued for improvements and repairs as specified in the Article V, Section 18-20, Substantial Improvement.
- (d) Utilize FEMA's Substantial Improvement/Substantial Damage Desk Reference when making any determination on Substantial Improvement and/or Substantial Damage.
- (e) The substantial improvement regulations apply to all of the work that is proposed as the improvement, even if multiple permits are issued. Therefore, the determination of

the cost of the improvement should consider all costs of all phases of the work before issuance of the first permit.

- (f) Notify the applicant that if it is determined that the work constitutes substantial improvement or repair of substantial damage, that compliance with the floodplain management ordinance is required.

(Code 1979, § 8.5-40; Ord. No. 954, art. V, § 23-37, 6-14-1982; Ord. No. 1081, 2-2-1989; Ord. No. 1479, 7-27-2009)

Sec. 18-23. Specific Standards

In all SFHAs, and areas of known or suspected flood risk areas, the following provisions are required:

(a) Residential Construction

(1) New construction and substantial improvement of any residential structure shall have the lowest floor (including basement) elevated to the BFE, unless a freeboard option is noted below. If a freeboard option is noted, new construction and substantial improvement shall have the lowest floor (including basement) elevated to the freeboard elevation. A registered professional engineer, architect, or land surveyor shall submit certified elevations to the Floodplain Administrator that the standards of this ordinance are satisfied.

(2) In AO/AH Zones, new and substantially improved residential structures must have their lowest floor (including basement) above the highest adjacent grade at least one foot above the FIRM's depth number (at least three feet if no depth number is specified). In AO/AH Zones, adequate drainage paths around structures on slopes are required to guide flood waters away from proposed structures.

(3) Residential Construction Freeboard

a) The City of Madison has elected to adopt a freeboard option for new construction and substantial improvement of any residential structure. The freeboard option requires that lowest floor elevation to be built above the BFE by the height selected. The City of Madison has elected a:

1. 1 foot of freeboard meaning the lowest floor must be built 1 foot above the BFE.

(b) Nonresidential Construction

(1) New construction and substantial improvements of any commercial, industrial, or other nonresidential structure shall either have the lowest floor (including basement) elevated to the base flood level, unless a freeboard option is noted below, or together with attendant utility and sanitary facilities, be designed so that below the base flood level the structure is watertight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. A registered professional engineer or architect shall develop and/or review structural design, specifications, and plans for the construction, and shall certify that the design and methods of construction are in accordance with accepted standards of practice as outlined in this subsection. A record of such certification that includes the specific elevation (in relation to mean sea level) to which such structures are floodproofed shall be maintained by the Floodplain

Administrator. If the use or occupancy of the building changes in the future to residential, then the dry floodproofing of the structure cannot be used when determining compliance of the structure to the residential construction of this ordinance, Article V, Section 18.23(a) Residential Construction and Article V, Section 18.23(a)(3) Residential Construction Freeboard. As such, the building will not be grandfathered into compliance and will be required to be brought into compliance with the residential construction requirements of this ordinance.

- (2) In AO/AH Zones, new and substantially improved non-residential structures must have their lowest floor (including basement) above the highest adjacent grade at least one foot above the FIRM's depth number (at least three feet if no depth number is specified). In AO/AH Zones, adequate drainage paths around structures on slopes are required to guide flood waters away from proposed structures.
- (3) Nonresidential Construction Freeboard
 - a) The City of Madison has elected to adopt a freeboard option for new construction and substantial improvement of any nonresidential structure. The freeboard option requires that lowest floor elevation to be built above the BFE by the height selected. The City of Madison has elected a:
 1. 1 feet of freeboard meaning the lowest floor must be built 1 foot above the BFE.

(c) Enclosures

- (1) New construction and substantial improvements, with fully enclosed areas below the lowest floor that are to be used solely for parking of vehicles, building access, or storage in an area other than a basement, and are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or architect, or must meet or exceed the following minimum criteria:
 - a) A minimum of two openings having a total net area of not less than 1 square inch for every square foot of enclosed area subject to flooding shall be provided.
 - b) The bottom of all openings shall be no higher than 1 foot above grade.
 - c) Openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.
- (2) The development and construction of the structure must conform with the provision in FEMA/Federal Insurance Administration (FIA)-Technical Bulletins 1 and 2. Certification and documentation from a professional, licensed engineer or architect is required if the structure's lowest floor is built below the BFE.

(d) Crawlspace

- (1) New construction and substantial improvements built on a crawlspace or sub-grade (below grade) crawlspace may be permitted if the development is designed and meets or exceeds the standards found in FEMA's Technical Bulletins 1, 2, and 11, which include but are not limited to the following:
 - a) The structure must be affixed to a permanent foundation, designed and

adequately anchored to resist flotation, collapse, and lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy. Because of hydrodynamic loads, crawlspace construction is not allowed in areas with flood velocities greater than 5 feet per second unless the design is reviewed by a qualified design professional, such as a registered architect or professional engineer.

- b) The crawlspace is an enclosed area below the BFE and, as such, must have openings that equalize hydrostatic pressures by allowing the automatic entry and exit of floodwaters. The bottom of each flood vent opening can be no more than 1 foot above the LAG.
- c) The crawlspace enclosure must have proper openings that allow equalization of hydrostatic pressure by allowing automatic entry and exit of floodwaters. To achieve this, a minimum of 1 square inch of flood opening is required per 1 square foot of the enclosed area subject to flooding.
- d) Portions of the building below the BFE must be constructed with materials resistant to flood damage. This includes not only the foundation walls of the crawlspace used to elevate the building, but also any joists, insulation, piers, or other materials that extend below the BFE. Ductwork, in particular, must either be placed above the BFE or sealed from floodwaters.
- e) Any building utility systems within the crawlspace must be elevated above the BFE or designed so that floodwaters cannot enter or accumulate within the system components during flood conditions.
- f) The interior grade of a crawlspace below the BFE must not be more than 2 feet below the LAG.
- g) The height of the below-grade crawlspace, measured from the lowest interior grade of the crawlspace floor to the bottom of the floor joist of the next higher floor cannot exceed 4 feet at any point.
- h) There must be an adequate drainage system that removes floodwaters from the interior area of the crawlspace. The enclosed area should be drained within a reasonable time after a flood event.
- i) Buildings with below-grade crawlspaces will have higher flood insurance premiums than buildings that have the preferred crawlspace construction, with the interior elevation at or above the LAG.

(e) Manufactured Homes

- (1) Require that all manufactured homes to be placed within Zone A on a community's FHBM or FIRM shall be installed using methods and practices that minimize flood damage. For the purposes of this requirement, manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors. This requirement is in addition to applicable State and local anchoring requirements for resisting wind forces.
- (2) Require that manufactured homes that are placed or substantially improved within Zones A1-30, AH, and AE on the community's FIRM on sites outside of a manufactured home park or subdivision;) in a new manufactured home park or

subdivision; in an expansion to an existing manufactured home park or subdivision; or in an existing manufactured home park or subdivision on which a manufactured home has incurred "substantial damage" as a result of a flood, be elevated on a permanent foundation such that the lowest floor of the manufactured home is elevated at least 1 foot above the BFE, and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

- (3) In A-1-30, AH, AO and AE Zones, require that manufactured homes to be placed or substantially improved in an existing manufactured home park to be elevated so that the lowest floor is at least 1 foot above the BFE; or the chassis is supported by reinforced piers no less than 36 inches in height above grade and securely anchored.

(f) **Recreational Vehicles**

Require that recreational vehicles placed on sites within Zones A1-30, AH, and AE on the community's FIRM either:

- (1) Be on the site for fewer than 180 consecutive days and be fully licensed and ready for highway use;
 - (a) A recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick disconnect type utilities and security devices, and has no permanently attached additions.
- (2) Or meet the permit requirements of Article IV, Section 18-17, Permit Procedures, and the elevation and anchoring requirements for "manufactured homes" of this section.

Sec. 18-24. Standards for Subdivision Proposals

- (a) All subdivision proposals including the placement of manufactured home parks and subdivisions shall be consistent with the provisions of this ordinance.
- (b) All subdivision proposals including the placement of manufactured home parks and subdivisions shall have adequate drainage provided to reduce exposure to flood hazards.
- (c) All proposals for the development of subdivisions including the placement of manufactured home parks and subdivisions shall meet Development Permit requirements of this ordinance.
- (d) BFE data shall be generated for subdivision proposals and other proposed development including the placement of manufactured home parks and subdivisions, which is greater than 50 lots or 5 acres, or whichever is lesser.
- (e) All subdivision proposals including the placement of manufactured home parks and subdivisions shall minimize flood damage.
- (f) All subdivision proposals including the placement of manufactured home parks and subdivisions shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize or eliminate flood damage.

(Code 1979, § 8.5-40; Ord. No. 954, art. V, § 23-37, 6-14-1982; Ord. No. 1081, 2-2-1989; Ord. No. 1479, 7-27-2009)

Sec. 18-25. Specific Standards

Floodways located within SFHAs are extremely hazardous areas due to the velocity of flood waters that carry debris, potential projectiles, and erosion potential, the following provisions shall apply:

- (a) Designate a regulatory floodway that will not increase the base flood level more than 1 foot.
 - (b) Encroachments are prohibited, including fill, new construction, substantial improvements and other development within the adopted regulatory floodway *unless* it has been demonstrated through hydrologic and hydraulic analyses performed in accordance with standard engineering practice that the proposed encroachment would not result in any increase greater than 0.00 feet in flood levels within the community during the occurrence of the base flood discharge.
 - (c) All new construction and substantial improvements shall comply with all applicable flood hazard reduction provisions of Article V in this ordinance.
 - (d) Under the provisions of 44 CFR Chapter 1, Section 65.12, of the NFIP Regulations, a community may permit encroachments within the adopted regulatory floodway that would result in an increase in BFEs, provided that the community first applies for a conditional LOMR and floodway revision through FEMA.
- (Code 1979, § 8.5-41; Ord. No. 1081, 2-2-1989)

CITY OF MADISON

Mayor

ATTEST: _____
City Finance Officer

1st Reading:
2nd Reading:

BID TABULATION SHEET
BID NO. 962
City Library Ramp Project 24-958
 Madison, South Dakota

2:00 PM

10/1/2024

NAME OF BIDDER	ACKNOWLEDGE ADDENDUM	BID SURETY	BASE BID	ALTERNATE #1	TOTAL BID BASE PLUS ALT 1
Hegg Construction, LLC 4930 S Western Ave Suite 101 Sioux Falls, SD 57108	N/A	10% BB	\$200,102.65	\$21,923.00	\$222,025.65

City of Madison
Memorandum – City Library Ramp Project



To: Mayor and City Commission
From: Ryan Hegg, Director of Engineering and Community Development
Subject: Consideration of City Library Ramp bid
Date: October 21, 2024

Background

Over the course of the last few years, staff have observed that the public library ramps were deteriorating gradually, and remedial work has become necessary. In response, Library staff applied for funding and were awarded \$20,000 in grants and Engineering and Community Development office was asked to prepare plans and specifications in coordination with Parks staff and Library staff/ Library Board.

Bid #1: The project’s first bid opening took place on August 29, 2024. The scope of the project was to remove the existing steps, double library ramps, planters, and curbside right-of-way sidewalk at the front of the library. These components would be replaced with new steps, a single handicap compliant library ramp with hydronic snow melting system, brick planters, and curbside sidewalk and ramp to serve the parking area. Estimated cost was \$200,000. Two bids were received with the low bid \$335,530.00 and the high bid \$414,437.00. During consideration of the bid, it was decided that the City would reject all bids, modify the project to lower the cost significantly, and re-bid.

Bid #2: The revised bid opening occurred on October 1, 2024. The scope of the project changed to only remove the existing library ramps and curbside sidewalk in front of the library; leaving the existing steps and planters in place. The plan remained to replace the double ramp configuration with a single handicap compliant library ramp and install curbside sidewalk and ramp. Hydronic tubing in the ramp continued to be part of the base bid but the natural gas fed boiler and controls were included as a bid alternate. Estimated cost was \$115,000. One bid received in the base bid amount of \$200,102.65 and alternate bid amount of \$21,923.00 bringing the total bid to \$222,025.65.

Additional Information

Prior to both bids, contractors were contacted to make them aware of the opportunity to bid. The feedback we received indicated there was not a lack of interest in the project, but there were issues with schedules and availability. It is our belief that it was a large factor in the number of bids received as well as cost.

Staff recommendation

Staff recommendation is to reject the bids a second time. It will unfortunately mean the deadline for using the grant funds will pass, but we believe it is in the City’s best interest to further define and modify the scope of the project to provide more flexibility leading to cost savings. Through examination of the bids, there are some components of the bids that unexpectedly drove up the costs significantly. Having alternates for some items would provide the City flexibility in dealing with them. We recommend that a subsequent bid opening occur in January or February and would recommend a later completion date which would give the contractors the ability to work it into their 2025 schedule.

In the interim, City staff from multiple departments will work together to determine how the ramps can be kept safe until a contractor can be hired to permanently remedy the issues.

ORDINANCE NO. 1672

AN ORDINANCE TO CREATE APPROPRIATIONS FOR THE FISCAL YEAR BEGINNING JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025 AND LEVY PROPERTY TAXES FOR THE YEAR 2025.

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF MADISON, SOUTH DAKOTA:

SECTION 1 That the following sums are appropriated to meet the obligations of the municipality:

Appropriations

	101	211	213	214	220	303	513	517	
		LODGING &		BUSINESS	SPECIAL	TAX	GERRY		
		ENTERTAINMENT	2 nd PENNY	IMPROV.	MAINT.	INCREMENT	MALONEY	CREEK	
	GENERAL	TAX	SALES TAX	DISTRICT	FEE	DISTRICT # 2	NATURE	MITIGATION	TOTAL
Mayor & Commission	139,170								139,170
Contingency	-								-
Attorney	68,750								68,750
Finance	471,537								471,537
City Hall	144,467								144,467
City Administration	151,448								151,448
Human Resources	447,696								447,696
Information Technology	89,196.90								89,196.90
Marketing & Communications	93,065.71								93,065.71
General Government Buildings	164,837								164,837
Community Development & Engineering	530,841								530,841
Police	2,196,262								2,196,262
Fire	308,705								308,705
Civil Defense	2,100								2,100
Highways & Streets	1,448,183								1,448,183
Snow & Ice Removal	142,647								142,647
Storm Drainage	4,500								4,500
Street Cleaning	26,000								26,000
Restricted Use Site	664,633								664,633
Auditorium/Armory	51,850								51,850
FB&T Sports Complex	127,423								127,423
Health	-								-
Library	732,766								732,766
Airport	1,509,122								1,509,122
Parks & Forestry	1,040,445								1,040,445
Madison Aquatic Center	335,062								335,062
Planning & Zoning	21,821								21,821
Promotions & Community Contributions	326,500								326,500
Special Items	85,000								85,000
Non-Operating Expense	12,000								12,000
Debt Service	855,029					60,000			915,029
Other Financing Uses			2,431,943						2,431,943
Lodging Tax Promotions & Contributions		5,000							5,000
Taxes		235,000							235,000
2nd Penny Expenses			175,000						175,000
Special Maintenance Expenses					251,847				251,847
Promotions - BID				53,500					53,500
Gerry Maloney									-
Creek Mitigation								5,738,600	5,738,600
Total	12,169,236	240,000	2,606,943	53,500	251,847	60,000	0	5,738,600	21,120,126

SECTION II

The following sums of money are designated to meet the necessary and lawful liabilities of the City of Madison:

Means of Finance

	101	211	213	214	220	303	513	517	518	
		LODGING &		BUSINESS	SPECIAL	TAX	GERRY			
		ENTERTAINMENT	2 nd PENNY	IMPROV.	MAINT.	INCREMENT	MALONEY	CREEK		
	GENERAL	TAX	SALES TAX	DISTRICT	FEE	DISTRICT # 2	NATURE	MITIGATION	CITY HALL	TOTAL
Taxes	4,866,999	240,000	2,431,943	53,500	-	60,000	-	-	-	7,652,442
Intergov Revenue	547,418	-	-	-	-	-	-	-	-	547,418
Licenses & Permits	66,075	-	-	-	-	-	-	-	-	66,075
Charges for Goods or Services	94,469	-	-	-	-	-	-	-	-	94,469
Fines and Forfeits	550	-	-	-	-	-	-	-	-	550
Misc Revenue	743,945	-	175,000	-	251,847	-	-	-	-	1,170,792
Other Misc Revenue	291,500	-	-	-	-	-	-	-	-	291,500
Other Financing Sources	1,874,739	-	-	-	-	-	-	3,593,704	-	5,468,443
Total Revenue	8,485,695	240,000	2,606,943	53,500	251,847	60,000	-	3,593,704	-	15,291,689
<i>Cash To Be Applied (+) / Retained (-)</i>	3,683,541	-	-	-	-	-	-	2,144,896	-	5,828,437
Grand Total	12,169,236	240,000	2,606,943	53,500	251,847	60,000	0	5,738,600	0	21,120,126

ENTERPRISE FUNDS

The amounts budgeted for enterprise funds do not constitute legal appropriations and are included in this ordinance for management control and comparison purposes only. This is in accordance with the provisions of SDCL 9-21-2.

	602	603	604	612	620	621	Total
				Solid Waste & Recycling	Community Center	ASP & Summer Youth	
	Water	Electric	Sewer				
Appropriations	8,815,678	21,520,643	6,620,173	526,556	1,032,626	178,724	38,694,400
Means of Finance	7,892,989	13,117,475	4,151,276	512,726	1,033,500	181,424	26,889,390
Cash To Be Applied (+) / Retained (-)	922,689	8,403,168	2,468,897	13,830	(874)	(2,700)	11,805,010

SECTION III

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF MADISON, SOUTH DAKOTA that the Finance Officer is hereby directed and authorized to certify the said tax levy to the County Auditor of the County of Lake, State of South Dakota, to the end that the same be spread and assessed as provided by law:

For General Purposes	2,314,410.60
Total Tax Levy	2,314,410.60

SECTION IV:

That all ordinances or parts of ordinances in conflict with this ordinance are hereby repealed. This ordinance being necessary for the immediate preservation and support of the municipal government and its existing institutions shall take effective upon passage and publication thereof:

Dated this 21st day of October, 2024.

CITY OF MADISON

Mayor

ATTEST: _____
Finance Officer

1st Reading: 10/21/2024
2nd Reading: 11/04/2024
Published: 11/11/2024
Effective: 12/15/2024



Public Input Meeting

EGAN AVENUE RECONSTRUCTION PROJECT

Background Information



Design Objectives



Reduce the amount of asphalt along the corridor and provide more green space



Create a gateway from downtown to DSU



Maintain existing on-street parking as much as possible



If possible, begin construction in 2024



Preliminary Cost Estimate

Category	Estimated Costs
Grading	\$ 1,201,914.00
Traffic Control	\$ 80,000.00
Erosion Control	\$ 55,518.00
Storm Drainage	\$ 338,100.00
Water Main	\$ 826,557.00
Sanitary Sewer	\$ 670,623.00
Surfacing	\$ 2,311,319.00
Street Lighting	\$ 550,000.00
Pavement Marking & Permanent Signs	\$ 34,779.40
Landscaping & Irrigation	\$ 411,145.00
20% Contingency	\$ 1,295,991.08
Total Construction Cost	\$ 7,775,946.48

Funding Opportunities

Utility Funding

- *State Revolving Funds (SRF)*
- *USDA-RD Water and Waste Disposal Loans & Grants*
- *Lead Service Lines*

Surface Funding

- *Transportation Alternatives (TA)*
- *Safe Streets for All (SS4A)*

Proposed Schedule

November 2024

Expected design completion

December 2024 to March 2025
(Depending on funding progress)

Bidding/Contractor selection

Spring to Fall 2025

Phase 1 & 2 construction
(2nd St. to 5th St.)

Winter 2025/2026

Winter shutdown with temporary pavement as needed to maintain access

Spring to Fall 2026

Phase 3 construction
(6th St. to 9th St.)

Improvements



Water & Sewer Systems



PROPOSED IMPROVEMENTS

- Upsizing Egan Ave. water mains with PVC pipe to 10-inch minimum with 6-inch hydrant leads
- Replace all services within the corridor to the property line.
- New gate valves on each leg at intersections
- New fire hydrants
- Replace all sanitary manholes with precast manholes

Storm Drain



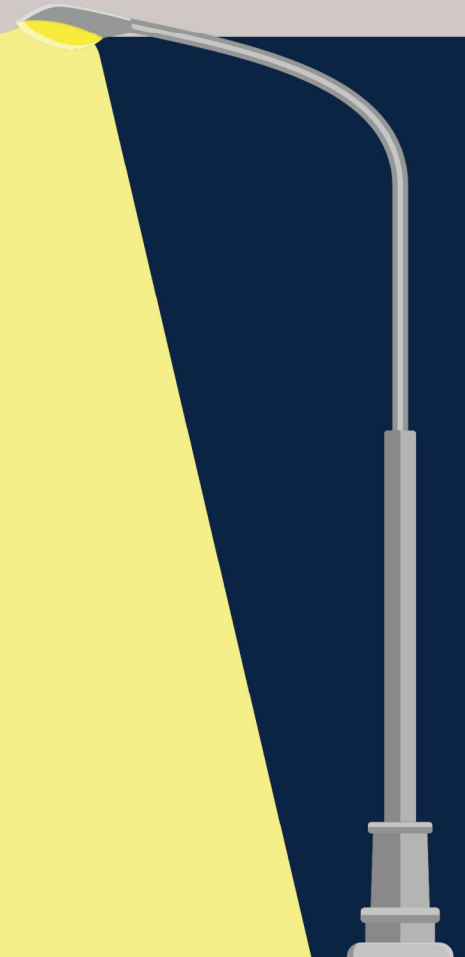
PROPOSED IMPROVEMENTS

- Replace all mains within the corridor
- Replace all inlets with modern inlets
- Design curb grades based on modern design standards for minimum slope and gutter capacity to the inlets
- Place inlet to mitigate icing on the pedestrian paths

Street Lights

PROPOSED IMPROVEMENTS

- Conventional lights with decorative finishes and accents
- Located within the median





Street Improvements



THANK YOU
Any Questions?

Public Input Meeting

**EGAN AVENUE
RECONSTRUCTION PROJECT**



More information: CITYOFMADISONSD.COM



RESOLUTION 2024-35

RESOLUTION AUTHORIZING THE EXECUTION, TERMS, ISSUANCE, SALE AND PAYMENT OF SALES TAX REVENUE BONDS AND BOND ANTICIPATION NOTES IN THE AGGREGATE PRINCIPAL AMOUNT OF NOT TO EXCEED FIVE MILLION AND NO/100 (\$5,000,000), OF THE CITY OF MADISON OF LAKE COUNTY, SOUTH DAKOTA.

WHEREAS, the City of Madison is authorized by the provisions of SDCL §10-52-2.10 to issue bonds;

WHEREAS, the City of Madison pursuant to the provisions of Chapter 38 of the City of Madison Code of Ordinances, levies non-ad valorem tax; and

WHEREAS, the City Commission has determined and does hereby declare that is necessary and in the best interest of the City to issue Sales Tax Revenue Bonds (the “Bonds”) for the purpose of providing funds to fund the costs of capital projects inside the City of Madison and pay the costs of issuance of Bonds; and

WHEREAS, in anticipation of the issuance of the Bonds, the City Board of Commissioners determines that it is necessary to issue bond anticipation notes (the “BAN”).

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF MADISON OF LAKE COUNTY, AS FOLLOWS:

ARTICLE I *FINDINGS*

Section 1.1.

It is hereby found, declared a necessity, and determined by the City Commission that all limitations upon the issuance of Bonds have been met and that the Bonds are being authorized, issued and sold in accordance with the provisions of the SDCL Chapters 10-52 and 6-8B (the “Act”).

Section 1.2.

It is hereby found, declared a necessity, and determined by the City Commission that all limitations upon the issuance of the BAN have been met and that the BAN is being authorized, issued and sold in accordance with the provisions of the Act.

ARTICLE II *AUTHORITY, PLEDGE, COLLECTION, AND SALE.*

Section 2.1. Authority to Issue Bonds.

The City declares it necessary and is authorized by SDCL Chapter 10-52 to issue bonds (i) to fund the costs of capital projects inside the City of Madison, therefore sales tax revenue bonds shall be authorized and issued pursuant to, and in accordance with, the provisions of the Act, the Bond Resolution, and other applicable provisions of law, in the aggregate principal amount as finalized by the Bond Purchase Agreement.

Section 2.2. Pledge of Sales Tax.

The Sales Tax shall be, and they are hereby irrevocably pledged to the prompt and full payment of the principal, premium, and interest on each and all of said Bonds as such principal, premium, and interest respectively become due.

Section 2.3. Collection of Taxes.

Pursuant to SDCL § 10-52-2.10, the City does hereby pledge, provide, and agree that it will continue to impose and collect the 2 percent sales and use tax (the “Sales Tax”) so long as the Bonds are outstanding. The governing body does hereby pledge so much of the collections of the Sales Tax as may be necessary to pay the principal, premium, and interest on the bonds, and to maintain any debt service reserve established for the Bonds.

Section 2.4. Sale of Bonds.

The Bonds may be sold upon such terms as will be set forth in a future resolution.

Section 2.5 Authority to Issue Bond Anticipation Notes.

The City declares it necessary and is authorized by SDCL 6-8B-26 through 6-8B-29 to issue BAN. The proceeds of which will be used to fund the costs of capital projects inside the City of Madison. The BAN shall not mature later than three years after their date of issuance. The terms shall be set forth in a purchase agreement.

Section 2.6. Tax Matters.

- (a) The City covenants and agrees with the registered owners from time to time of the Bonds and BAN that it will not take or permit to be taken by any of its officers, employees or agents any action which would cause the interest on the Bonds or BAN to become includable in gross income for federal income tax purposes under the Code and applicable Treasury Regulations (the “Regulations”), and covenants to take any and all actions within its powers to ensure that the basic interest on the Bonds and BAN will not become includable in gross income for federal income tax purposes under the Code and the Regulations.

- (b) The Mayor and the City Finance Officer, being the officers of the City charged with the responsibility for issuing the Bonds pursuant to this Resolution are hereby authorized and directed to execute and deliver to the Underwriter thereof a certificate in accordance with the provisions of Section 148 of the Code, and Section 1.148-2(b) of the Regulations, stating that on the basis of facts, estimates and circumstances in existence on the date of issue and delivery of the Bonds and BAN, it is reasonably expected that the proceeds of the Bonds will be used in a manner that would not cause the Bonds or BAN to be “arbitrage bonds” within the meaning of Section 148 of the Code and the Regulations.
- (c) The City shall file with the Secretary of the Treasury a statement concerning the Bonds and BAN containing the information required by Section 149(e) of the Code.
- (d) Pursuant to Section 265(b)(3)(B)(ii) of the Code, the City hereby designates the Bonds and BAN as “qualified tax-exempt obligations” for purposes of Section 265(b)(3) of the Code. The City hereby represents that it does not anticipate that obligations bearing interest not includable in gross income for purposes of federal income taxation under Section 103 of the Code (including refunding obligations as provided in Section 265 (b) (3) of the Code and including “qualified 501 (c)(3) Bonds” but excluding other “private activity bonds,” as defined in Sections 141(a) and 145(a) of the Code) will be issued by or on behalf of the City and all “subordinate entities” of the City in 2024 in an amount greater than \$10,000,000.

Section 2.7. Miscellaneous Acts.

The appropriate officers of the City are hereby authorized, empowered, and directed to do any and all such acts and things, and to execute, acknowledge, deliver, and, if applicable file or record, or cause to be filed or recorded, in any appropriate public offices, all such documents, instruments, and certifications, in addition to those acts, things, documents, instruments, and certifications hereinbefore authorized and approved, as may, in their discretion, be necessary or desirable to implement or comply with the intent of this Resolution, or any of the documents herein authorized and approved, or for the authorization, issuance, and delivery by the City of the Bonds and BAN.

Section 2.8. Partial Invalidity.

If any one or more of the provisions of this Resolution, or of any exhibit or attachment thereto, shall be held invalid, illegal, or unenforceable in any respect, by final decree of any court of lawful jurisdiction, such invalidity, illegality, or unenforceability shall not affect any other provision hereof, or of any exhibit or attachment thereto, but this Resolution, and the exhibits and attachments thereto, shall be construed the same as if such invalid, illegal, or unenforceable provision had never been contained herein, or therein, as the case may be.

Section 2.9. Conflicting Resolutions Repealed.

All resolutions or parts thereof in conflict herewith are, to the extent of such conflict, hereby repealed.

Dated this 21st day of October, 2024.

CITY OF MADISON

Mayor

ATTEST: _____
Finance Officer

Published once at the approximate cost \$__.

City of Madison
Memorandum - Recycling Center Operational Services
Contract



To: Mayor and City Commission
From: Jameson Berreth, City Administrator
Subject: Consider award of Bid 961 Recycling Center Operational Services
Date: October 21, 2024

Background

The City of Madison operates a Recycling Center where recyclable materials are gathered, sorted, and baled together to be sold. The recyclables are sorted into plastics, cardboard, newspaper, office paper, and aluminum. For many years, the City has contracted with Valiant Living to provide the labor to sort the recyclables.

The current 2-year contract ends on January 31st, 2025. Per the contract, the City pays \$8,853.67 per month or \$106,244.04 per year. The City recently advertised to solicit bids for a new 2-year contract. Valiant Living was the only submitter with a bid of \$14,500 per month or \$174,000 per year, which represents an increase of 64%. As this is a significant increase, staff compiled several options available to the Commission to consider as alternatives.

Recycling Options & Staff Analysis

Option #1: Award bid to Valiant Living or negotiate with them as the low bidder in an attempt to reach a more agreeable price.

Analysis: The bid as presented is significantly higher than current contract and also higher than other alternatives, such as completing the work internally. Staff could attempt to negotiate. However, the proposed number is far higher than the 6% increase planned in the 2025 budget, so it is unlikely we could close that gap.

Option #2: Reject bid and re-advertise.

Analysis: Re-advertising may solicit more bids from individuals or companies. City staff have heard of interest from one potential party who did not submit a bid during the first bid process.

Option #3: Reject bid and hire staff internally to complete the scope of work.

Analysis: At the current bid rate, the City could hire staff to complete the work at a lower cost. With this option, staff recommend starting with two full-time employees. Further cost estimates for this option will be provided during the October 21st City Commission meeting.

Option #4: Reject bid and explore changing to single stream recycling.

Analysis: Single stream recycling does not require sorting but instead the City would take all recyclables to Millennium Recycling in Sioux Falls. The City avoids the cost of sorting and baling the recyclables, but the City also loses the revenue from sale of recyclables. Instead, the City would need to pay Millennium Recycling to take the materials. The City

City of Madison

116 W Center Street • Madison, SD 57042
(605) 256.7500 • (605) 256.7511 (fax)

www.cityofmadisonsd.com

would also need to purchase recycling containers, similar to the existing garbage containers, for each resident. Further cost estimates for this option will be provided during the October 21st City Commission meeting.

Staff recommendation

Staff recommend pursuing Option #2 to reject the bid and re-advertise. This provides the opportunity of gathering more information on potentially better rates to complete the Recycling Services. If this option is chosen, staff also look for direction on the next preferred option in case rebidding does not secure an acceptable bid.



PROPOSAL FORM
OPERATIONAL SERVICES – MADISON RECYCLING CENTER

I have read and understand the operational services contract specifications for the abovementioned services and hereby submit the following compensation proposal:

\$ 14,500 per month

Insurance:

Proof of insurance as prescribed in the insurance requirements must be included with this proposal.

References:

Provide the name, address, contact person and phone number of three current or previous clients for whom you provided similar services.

Name	Address	Contact Person	Phone Number
1. <u>City of Madison - 116 W Center St. Madison, SD 57042</u>		<u>Gary Gonyo</u>	<u>256-7515</u>
2. <u>Falcon Plastic's - 605 SW 7th St. Madison, SD 57042</u>		<u>Janet Van Rosendale</u>	<u>256-6654</u>
3. <u>Galen's Popcorn - 23546 462nd Ave. Wentworth, SD 57075</u>		<u>Gaylen Backus</u>	<u>480-0628</u>

Company Name: Valiant Living, Inc

Name of Individual: Michael T. Clarke

Title of Individual: Employment Supervisor

Address of Company: 706 SW 7th St. PO Box 450 Madison, SD 57042

Telephone Number: Office: (605) 256-6628 Cell: _____

South Dakota Sales Tax ID: 460324959

Signature: *Michael T. Clarke* Date: 10-8-27



October 3, 2024

City of Madison
116 W Center St
Madison, SD 57042

Dear City of Madison,

Enclosed please find Valiant Living's proof of insurance that would cover Valiant Living employees while working at the Madison Recycling Center as required in the Operational Services Contract Specifications. It is our intent to continue to use the recycling contract as a job training opportunity for people with disabilities receiving services through Valiant Living. This work crew would receive training and assistance from a Valiant Living Employee/Job Coach to assure the services are completed. Job training participants are not covered by Valiant Living's work comp insurance due to their job training status, however current participants have health insurance coverage through Medicaid/Medicare.

Sincerely,

A handwritten signature in black ink that reads "Michael P. Clarke".

Michael Clarke
Employment Supervisor

706 SW 7th St.
P.O. Box 450
Madison, SD 57042
605.256.6628
info@valiantliving.org
www.valiantliving.org

BID TABULATION SHEET
BID NO. 961
Operational Services - Madison Recycling Center
Madison, South Dakota

Time: 2:00 PM

Date: 10/9/24

NAME OF BIDDER	ADDRESS OF BIDDER	TOTAL BID
Valiant Living	706 Sw 7th, PO Box 450, Madison, SD 57042	\$14,500/Month

Change Order #7 - Final Adjustment of Quantities

Owner: City of Madison, SD
 Engineer: Banner Associates, Inc.
 Contractor: J & J Earth Works, Inc.
 Project: City of Madison Water System Improvements Phase 1A
 Contract: City of Madison Water System Improvements Phase 1A

Owner's Project No.:
 Engineer's Project No.: 22831.00
 Contractor's Project No.:

Application Date: 09/30/24

A Bid Item No.	B Description	C Item Quantity	D Units	E Unit Price (\$)	F Value of Bid Item (C X E) (\$)	DRINKING WATER										I Materials Currently Stored (not in G) (\$)	J TOTAL Work Completed to Date (H1+H2+H3) (\$)	K % of Value of Item (J / F) (%)	L CHANGE ORDER #7 Final Quantity Adjustment Amount Constructed Minus Bid Amount (J-F) (\$)						
						G1		H1		G2		H2		G3						H3		G4		H4	
						Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X H3) (\$)					Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X H4) (\$)				
Original Contract																									
PHASE 1A- BASE BID																									
GENERAL ITEMS																									
1	Mobilization		1	LS	\$450,000.00	\$450,000.00	0.55	\$247,500.00	0.20	\$90,000.00	0.05	\$22,500.00	0.20	\$90,000.00		\$450,000.00	100%	\$0.00							
2	Traffic Control Signs	523	SqFt	\$5.00	\$2,615.00	287.65	\$1,438.25	104.60	\$523.00	26.15	\$130.75	104.60	\$523.00		\$2,615.00	100%	\$0.00								
3	Traffic Control, Miscellaneous	1	LS	\$25,000.00	\$25,000.00	0.55	\$13,750.00	0.20	\$5,000.00	0.05	\$1,250.00	0.20	\$5,000.00		\$25,000.00	100%	\$0.00								
4	Type 2 Barricade	20	Each	\$60.00	\$1,200.00	11.00	\$660.00	4.00	\$240.00	1.00	\$60.00	4.00	\$240.00		\$1,200.00	100%	\$0.00								
5	Type 3 Barricade - 6 Ft. Double-Sided	6	Each	\$150.00	\$900.00	3.30	\$495.00	1.20	\$180.00	0.30	\$45.00	1.20	\$180.00		\$900.00	100%	\$0.00								
6	Type 3 Barricade - 8 Ft. Single-Sided	36	Each	\$135.00	\$4,860.00	19.80	\$2,673.00	7.20	\$972.00	1.80	\$243.00	7.20	\$972.00		\$4,860.00	100%	\$0.00								
7	Type C Advance Warning Arrow Board	1	Each	\$1,800.00	\$1,800.00	0.55	\$990.00	0.20	\$360.00	0.05	\$90.00	0.20	\$360.00		\$1,800.00	100%	\$0.00								
8	Blading	200	Hour	\$10.00	\$2,000.00	55.00	\$550.00	20.00	\$200.00	5.00	\$50.00	20.00	\$200.00		\$1,000.00	50%	-\$1,000.00								
9	Sweeping	40	Hour	\$10.00	\$400.00	5.50	\$55.00	2.00	\$20.00	0.50	\$5.00	2.00	\$20.00		\$100.00	25%	-\$300.00								
EROSION CONTROL																									
10	Placing Contractor Furnished Topsoil	1,530	CuYd	\$28.00	\$42,840.00	765.00	\$21,420.00	382.50	\$10,710.00	61.20	\$1,713.60	321.30	\$8,996.40		\$42,840.00	100%	\$0.00								
11	Seeding	990	Lb	\$18.00	\$17,820.00	495.00	\$8,910.00	247.50	\$4,455.00	39.60	\$712.80	207.90	\$3,742.20		\$17,820.00	100%	\$0.00								
12	Fertilizing	952	Lb	\$2.40	\$2,284.80	476.00	\$1,142.40	238.00	\$571.20	38.08	\$91.39	199.92	\$479.81		\$2,284.80	100%	\$0.00								
13	Weed Control	18,290	SqYd	\$0.25	\$4,572.50	9,145.00	\$2,286.25	4,572.50	\$1,143.13	731.60	\$182.90	3,840.90	\$960.23		\$4,572.50	100%	\$0.01								
14	Hydro-Mulching	8	Ton	\$4,800.00	\$38,400.00	4.00	\$19,200.00	2.00	\$9,600.00	0.32	\$1,536.00	1.68	\$8,064.00		\$38,400.00	100%	\$0.00								
15	Temporary Seeding	81	Lb	\$25.00	\$2,025.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$2,025.00								
16	Erosion Control Blanket	4,576	SqYd	\$2.60	\$11,897.60	1,144.00	\$2,974.40	572.00	\$1,487.20	91.52	\$237.95	480.48	\$1,249.25		\$5,948.80	50%	-\$5,948.80								
17	Inlet Protection	65	Each	\$50.00	\$3,250.00	32.50	\$1,625.00	16.25	\$812.50	2.60	\$130.00	13.65	\$682.50		\$3,250.00	100%	\$0.00								
18	Temporary Vehicle Tracking Control	14	Each	\$350.00	\$4,900.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$4,900.00								
19	Concrete Washout Area	14	Each	\$100.00	\$1,400.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$1,400.00								
20	Manhole Construction Plate Marker	27	Each	\$175.00	\$4,725.00	13.50	\$2,362.50	6.75	\$1,181.25	1.08	\$189.00	5.67	\$992.25		\$4,725.00	100%	\$0.00								
REMOVALS																									
21	Clear and Grub Tree	54	Each	\$650.00	\$35,100.00	27.00	\$17,550.00	13.50	\$8,775.00	2.16	\$1,404.00	11.34	\$7,371.00		\$35,100.00	100%	\$0.00								
22	Remove Curb and Gutter	15,275	LF	\$3.50	\$53,462.50	3,666.00	\$12,831.00	763.75	\$2,673.13	305.50	\$1,069.25	10,539.75	\$36,889.13		\$53,462.50	100%	\$0.01								
23	Remove Asphalt Concrete Pavement	132	SqYd	\$6.50	\$858.00	51.48	\$334.62	27.72	\$180.18	3.96	\$25.74	48.84	\$317.46		\$858.00	100%	\$0.00								
24	Remove Concrete Pavement	2,808	SqYd	\$5.50	\$15,444.00	1,095.12	\$6,023.16	589.68	\$3,243.24	84.24	\$463.32	1,038.96	\$5,714.28		\$15,444.00	100%	\$0.00								
25	Remove Concrete Sidewalk	1,980	SqYd	\$5.25	\$10,395.00	952.50	\$5,000.63	171.45	\$900.11	57.15	\$300.04	723.90	\$3,800.48		\$10,001.26	96%	-\$393.74								
26	Salvage Traffic Sign for Reset	16	Each	\$20.00	\$320.00	7.20	\$144.00	-	\$0.00	-	\$0.00	4.80	\$96.00		\$240.00	75%	-\$80.00								
27	Saw Existing Asphalt	710	LF	\$5.00	\$3,550.00	268.32	\$1,341.60	144.48	\$722.40	20.64	\$103.20	254.56	\$1,272.80		\$3,440.00	97%	-\$110.00								
28	Saw Existing Concrete	2,986	LF	\$5.50	\$16,423.00	1,493.00	\$8,211.50	268.74	\$1,478.07	89.58	\$492.69	1,134.68	\$6,240.74		\$16,423.00	100%	\$0.00								
29	Tree Trimming	24	Each	\$200.00	\$4,800.00	12.00	\$2,400.00	6.00	\$1,200.00	0.96	\$192.00	5.04	\$1,008.00		\$4,800.00	100%	\$0.00								
30	Root Grinding	12	Each	\$350.00	\$4,200.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$4,200.00								
TRENCHING, EXCAVATION, BACKFILLING																									
31	Trench Stabilization Material	800	Ton	\$23.50	\$18,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$18,800.00								
32	Imported Trench Backfill Material	750	Ton	\$13.00	\$9,750.00	160.00	\$2,080.00	40.00	\$520.00	-	\$0.00	-	\$0.00		\$2,600.00	27%	-\$7,150.00								
33	Verify Utility	120	Each	\$50.00	\$6,000.00	78.00	\$3,900.00	36.00	\$1,800.00	6.00	\$300.00	-	\$0.00		\$6,000.00	100%	\$0.00								
34	Locate Utility	9	Each	\$75.00	\$675.00	5.85	\$438.75	2.70	\$202.50	0.45	\$33.75	-	\$0.00		\$675.00	100%	\$0.00								
GRADING																									
35	Unclassified Excavation	15,570	CuYd	\$8.50	\$132,345.00	6,072.30	\$51,614.55	3,269.70	\$27,792.45	467.10	\$3,970.35	5,760.90	\$48,967.65		\$132,345.00	100%	\$0.00								
36	Unclassified Excavation, Digsouts	1,560	CuYd	\$9.50	\$14,820.00	608.40	\$5,779.80	327.60	\$3,112.20	46.80	\$444.60	577.20	\$5,483.40		\$14,820.00	100%	\$0.00								
37	Scarify and Recompact Subgrade	35,450	SqYd	\$0.85	\$30,132.50	13,825.50	\$11,751.68	7,444.50	\$6,327.83	1,063.50	\$903.98	13,116.50	\$11,149.03		\$30,132.50	100%	\$0.02								
38	Compaction - Moisture/Density Tests	240	Each	\$150.00	\$36,000.00	58.50	\$8,775.00	31.50	\$4,725.00	4.50	\$675.00	55.50	\$8,325.00		\$36,000.00	63%	-\$13,500.00								
39	Water for Embankment	156	Mgal	\$35.00	\$5,460.00	60.84	\$2,129.40	32.76	\$1,146.60	4.68	\$163.80	57.72	\$2,020.20		\$5,460.00	100%	\$0.00								
40	Full Depth Reclamation	29,320	SqYd	\$1.15	\$33,718.00	11,434.80	\$13,150.02	6,157.20	\$7,080.78	879.60	\$1,011.54	10,848.40	\$12,475.30		\$33,718.00	100%	\$0.00								
41	Salvage and Stockpile Asphalt Mix and Granular Base Material	29,320	SqYd	\$3.25	\$95,290.00	11,434.80	\$37,163.10	6,157.20	\$20,010.90	879.60	\$2,858.70	10,848.40	\$35,257.30		\$95,290.00	100%	\$0.00								
42	Remove Temporary Surfacing	12,460	SqYd	\$2.50	\$31,150.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$31,150.00								
43	Geotextile Fabric For Subgrade Stabilization	21,430	SqYd	\$2.35	\$50,360.50	8,999.64	\$21,149.15	4,845.96	\$11,388.01	692.28	\$1,626.86	8,538.12	\$20,064.58		\$54,228.60	108%	\$3,868.10								
44	Temporary Surfacing, Salvage, Asphalt Mix	12,460	SqYd	\$2.85	\$35,511.00	2,429.70	\$6,924.65	1,308.30	\$3,728.66	186.90	\$532.67	2,305.10	\$6,569.54		\$17,755.52	50%	-\$17,755.48								
WATERMAIN																									
45	Remove and Salvage Fire Hydrant	4	Each	\$250.00	\$1,000.00	4.00	\$1,000.00	-	\$0.00	-	\$0.00	-	\$0.00		\$1,000.00	100%	\$0.00								
46	Remove Valve Box	3	Each	\$150.00	\$450.00	3.00	\$450.00	-	\$0.00	-	\$0.00	-	\$0.00		\$450.00	100%	\$0.00								
47	Remove Water Main	2,194	LF	\$3.50	\$7,679.00	2,194.00	\$7,679.00	-	\$0.00	-	\$0.00	-	\$0.00		\$7,679.00	100%	\$0.00								
48	4" Watermain	51	LF	\$32.00	\$1,632.00	41.00	\$1,312.00	-	\$0.00	-	\$0.00	-	\$0.00		\$1,312.00	80%	-\$320.00								
49	6" Watermain	7,120	LF	\$34.50	\$245,640.00	6,822.00	\$235,359.00	-	\$0.00	-	\$0.00	-	\$0.00		\$235,359.00	96%	-\$10,281.00								
50	8" Watermain	1,098	LF	\$39.00	\$42,822.00	1,098.00	\$42,822.00	-	\$0.00	-	\$0.00	-	\$0.00		\$42,822.00	100%	\$0.00								
51	6" MI Gate Valve & Box w/ Joint Restraints	44	Each	\$1,350.00	\$59,400.00	43.00	\$58,050.00	-	\$0.00	-	\$0.00	-	\$0.00		\$58,050.00	98%	-\$1,350.00								
52	8" MI Gate Valve & Box w/ Joint Restraints	5	Each	\$1,700.00	\$8,500.00	5.00	\$8,500.00	-	\$0.00	-	\$0.00	-	\$0.00		\$8,500.00	100%	\$0.00								
53	Adjustment of Valve Box	47	Each	\$125.00	\$5,875.00	47.00	\$5,875.00	-	\$0.00	-	\$0.00	-	\$0.00		\$5,875.00	100%	\$0.00								
54	4" MI Bend (45 Degree) w/ Joint Restraints	8	Each	\$250.00	\$2,000.00	6.00	\$1,500.00	-	\$0.00	-	\$0.00	-	\$0.00		\$1,500.00	75%	-\$500.00								
55	6" MI Bend (45 Degree) w/ Joint Restraints	8	Each	\$325.00	\$2,600.00	8.00	\$2,600.00	-	\$0.00	-	\$0.00	-	\$0.00		\$2,600.00	100%	\$0.00								
56	6" MI Bend (90 Degree) w/ Joint Restraints	2	Each	\$350.00	\$700.00	2.00	\$700.00	-	\$0.00	-	\$0.00	-	\$0.00		\$700.00	100%	\$0.00								
57	6" MI Cap w/ Joint Restraints	3	Each	\$150.00	\$450.00	3.00	\$450.00	-	\$0.00	-	\$0.00	-	\$0.00		\$450.00	100%	\$0.00								
58	6" x 6" MI Tee w/ Joint Restraints	15	Each	\$550.00	\$8,250.00	15.00	\$8,250.00	-	\$0.00	-	\$0.00	-	\$0.00												

Change Order #7 - Final Adjustment of Quantities

Owner:	City of Madison, SD	Owner's Project No.:	
Engineer:	Banner Associates, Inc.	Engineer's Project No.:	22831.00
Contractor:	J & J Earth Works, Inc.	Contractor's Project No.:	
Project:	City of Madison Water System Improvements Phase 1A		
Contract:	City of Madison Water System Improvements Phase 1A		

														Application Date:		09/30/24			
A	B	C	D	E	F	G1	H1	G2	H2	G3	H3	G4	H4	I	J	K	L		
Bid Item No.	Description	Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	DRINKING WATER				SANITARY SEWER IMPROVEMENTS		STORM IMPROVEMENTS		STREET IMPROVEMENTS		Materials Currently Stored (not in G) (\$)	TOTAL Work Completed to Date (H1+H2+H3) (\$)	% of Value of Item (J / F) (%)	CHANGE ORDER #7 Final Quantity Adjustment Minus Bid Amount (J-F) (\$)
						Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4) (\$)						
64	6" x 4" MJ Reducer w/ Joint Restraints	4	Each	\$285.00	\$1,140.00	2.00	\$570.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$570.00	50%	\$-570.00		
65	4" MJ Sleeve w/ Joint Restraints	5	Each	\$275.00	\$1,375.00	4.00	\$1,100.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$1,100.00	80%	\$-275.00		
66	6" MJ Sleeve w/ Joint Restraints	6	Each	\$365.00	\$2,190.00	4.00	\$1,460.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$1,460.00	67%	\$-730.00		
67	8" MJ Sleeve w/ Joint Restraints	1	Each	\$425.00	\$425.00	1.00	\$425.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$425.00	100%	\$0.00		
68	'Owner Furnished' Fire Hydrant w/ Joint Restraints	8	Each	\$1,500.00	\$12,000.00	8.00	\$12,000.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$12,000.00	100%	\$0.00		
69	'Owner Furnished' Fire Hydrant Extensions	1	Each	\$350.00	\$350.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	0%	\$-350.00		
70	Temporary Water Service - Connection	31	Each	\$250.00	\$7,750.00	1.00	\$250.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$250.00	3%	\$-7,500.00		
71	Temporary Water Service	1	LS	\$40,000.00	\$40,000.00	1.00	\$40,000.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$40,000.00	100%	\$0.00		
72	Temporary Fire Hydrant	8	Each	\$1,800.00	\$14,400.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	0%	\$-14,400.00		
73	Cut and Tie To Existing Watermain	12	Each	\$750.00	\$9,000.00	12.00	\$9,000.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$9,000.00	100%	\$0.00		
74	6" x 1" Water Service Saddle Tap & Corp	97	Each	\$365.00	\$35,405.00	95.00	\$34,675.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$34,675.00	98%	\$-730.00		
74-C01	6" x 1" Water Service Saddle Tap & Corp	3	Each	\$365.00	\$1,095.00	3.00	\$1,095.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$1,095.00	100%	\$0.00		
75	6" x 2" Water Service Saddle Tap & Corp	1	Each	\$625.00	\$625.00	1.00	\$625.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$625.00	100%	\$0.00		
76	8" x 1" Water Service Saddle Tap & Corp	17	Each	\$425.00	\$7,225.00	16.00	\$6,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$6,800.00	94%	\$-425.00		
77	1" Water Service Curb Stop & Box	115	Each	\$375.00	\$43,125.00	98.00	\$36,750.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$36,750.00	85%	\$-6,375.00		
77-C01	1" Water Service Curb Stop & Box	3	Each	\$375.00	\$1,125.00	3.00	\$1,125.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$1,125.00	100%	\$0.00		
78	2" Water Service Curb Stop & Box	1	Each	\$815.00	\$815.00	1.00	\$815.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$815.00	100%	\$0.00		
79	1" Water Service Piping	3,866	LF	\$26.50	\$102,449.00	3,938.00	\$104,357.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$104,357.00	102%	\$1,908.00		
79-C01	1" Water Service Piping	94	LF	\$26.50	\$2,491.00	94.00	\$2,491.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$2,491.00	100%	\$0.00		
80	2" Water Service Piping	20	LF	\$32.00	\$640.00	10.00	\$320.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$320.00	50%	\$-320.00		
81	2" Polystyrene Pipe Insulation	16	LF	\$25.00	\$400.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	0%	\$-400.00		
82	Tracer Wire - Water	12,221	LF	\$0.30	\$3,666.30	12,003.00	\$3,600.90	-	\$0.00	-	\$0.00	-	\$0.00	-	\$3,600.90	98%	\$-65.40		
83	12" PVC Encasement	280	LF	\$40.00	\$11,200.00	100.00	\$4,000.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$4,000.00	36%	\$-7,200.00		
84	16" PVC Encasement	20	LF	\$55.00	\$1,100.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	0%	\$-1,100.00		
STORM SEWER																			
85	Remove Drop Inlet	24	Each	\$275.00	\$6,600.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$6,600.00	100%	\$0.00		
86	Remove Storm Sewer Manhole	7	Each	\$350.00	\$2,450.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$2,450.00	100%	\$0.00		
87	Remove Storm Sewer Pipe	1,034	LF	\$4.50	\$4,653.00	-	\$0.00	-	\$0.00	-	1,031.00	\$4,639.50	-	\$0.00	\$4,639.50	100%	\$-13.50		
88	12" RCP, Class 3, Furnish	42	LF	\$11.00	\$462.00	-	\$0.00	-	\$0.00	-	42.00	\$462.00	-	\$0.00	\$462.00	100%	\$0.00		
89	12" RCP, Install	42	LF	\$45.00	\$1,890.00	-	\$0.00	-	\$0.00	-	42.00	\$1,890.00	-	\$0.00	\$1,890.00	100%	\$0.00		
90	15" RCP, Class 4, Furnish	35	LF	\$12.50	\$437.50	-	\$0.00	-	\$0.00	-	35.00	\$437.50	-	\$0.00	\$437.50	100%	\$0.00		
91	15" RCP, Install	35	LF	\$46.00	\$1,610.00	-	\$0.00	-	\$0.00	-	35.00	\$1,610.00	-	\$0.00	\$1,610.00	100%	\$0.00		
92	18" RCP, Class 3, Furnish	702	LF	\$14.00	\$9,828.00	-	\$0.00	-	\$0.00	-	702.00	\$9,828.00	-	\$0.00	\$9,828.00	100%	\$0.00		
93	18" RCP, Class 4, Furnish	32	LF	\$15.50	\$496.00	-	\$0.00	-	\$0.00	-	-	\$0.00	-	\$0.00	\$0.00	0%	\$-496.00		
94	18" RCP, Install	724	LF	\$67.00	\$48,508.00	-	\$0.00	-	\$0.00	-	702.00	\$47,154.00	-	\$0.00	\$47,154.00	96%	\$-1,354.00		
95	24" RCP, Class 3, Furnish	110	LF	\$19.00	\$2,090.00	-	\$0.00	-	\$0.00	-	110.00	\$2,090.00	-	\$0.00	\$2,090.00	100%	\$0.00		
96	24" RCP, Install	110	LF	\$60.00	\$6,600.00	-	\$0.00	-	\$0.00	-	110.00	\$6,600.00	-	\$0.00	\$6,600.00	100%	\$0.00		
97	18" x 18" RCP Tee, Furnish	1	Each	\$350.00	\$350.00	-	\$0.00	-	\$0.00	-	1.00	\$350.00	-	\$0.00	\$350.00	100%	\$0.00		
98	18" x 18" RCP Tee, Install	1	Each	\$250.00	\$250.00	-	\$0.00	-	\$0.00	-	1.00	\$250.00	-	\$0.00	\$250.00	100%	\$0.00		
99	24" x 18" RCP Tee, Furnish	1	Each	\$400.00	\$400.00	-	\$0.00	-	\$0.00	-	1.00	\$400.00	-	\$0.00	\$400.00	100%	\$0.00		
100	24" x 18" RCP Tee, Install	1	Each	\$300.00	\$300.00	-	\$0.00	-	\$0.00	-	1.00	\$300.00	-	\$0.00	\$300.00	100%	\$0.00		
101	Connect to Existing Storm Sewer Pipe	16	Each	\$650.00	\$10,400.00	-	\$0.00	-	\$0.00	-	16.00	\$10,400.00	-	\$0.00	\$10,400.00	100%	\$0.00		
102	Storm Sewer Junction Box	12	Each	\$3,600.00	\$43,200.00	-	\$0.00	-	\$0.00	-	12.00	\$43,200.00	-	\$0.00	\$43,200.00	100%	\$0.00		
103	Type B Inlet	23	Each	\$3,200.00	\$73,600.00	-	\$0.00	-	\$0.00	-	23.00	\$73,600.00	-	\$0.00	\$73,600.00	100%	\$0.00		
104	Special Type B Inlet	2	Each	\$3,300.00	\$6,600.00	-	\$0.00	-	\$0.00	-	2.00	\$6,600.00	-	\$0.00	\$6,600.00	100%	\$0.00		
105	Adjust Junction Box Frame and Cover	12	Each	\$175.00	\$2,100.00	-	\$0.00	-	\$0.00	-	12.00	\$2,100.00	-	\$0.00	\$2,100.00	100%	\$0.00		
106	4" Underdrain Pipe	1,000	LF	\$5.50	\$5,500.00	-	\$0.00	-	\$0.00	-	-	\$0.00	-	\$0.00	\$0.00	0%	\$-5,500.00		
1-C05	Repair Sump Drain Line at 416 North Chicago St	1	LS	\$1,100.00	\$1,100.00	-	\$0.00	-	\$0.00	-	1.00	\$1,100.00	-	\$0.00	\$1,100.00	100%	\$0.00		
2-C05	Repair Sump Drain Line at 514 North Chicago St	1	LS	\$1,100.00	\$1,100.00	-	\$0.00	-	\$0.00	-	1.00	\$1,100.00	-	\$0.00	\$1,100.00	100%	\$0.00		
SANITARY SEWER																			
107	Remove Sanitary Sewer Manhole	11	Each	\$350.00	\$3,850.00	-	\$0.00	-	\$0.00	-	11.00	\$3,850.00	-	\$0.00	\$3,850.00	100%	\$0.00		
108	Remove Sanitary Sewer Flusher Manhole	1	Each	\$500.00	\$500.00	-	\$0.00	-	\$0.00	-	1.00	\$500.00	-	\$0.00	\$500.00	100%	\$0.00		
109	8" Dia Gravity Sewer Pipe	3,649	LF	\$42.00	\$153,258.00	-	\$0.00	-	\$0.00	-	3,244.00	\$136,248.00	-	\$0.00	\$136,248.00	89%	\$-17,010.00		
110	6" Dia Gravity Sewer Pipe	86	LF	\$40.00	\$3,440.00	-	\$0.00	-	\$0.00	-	86.00	\$3,440.00	-	\$0.00	\$3,440.00	100%	\$0.00		
111	4" Dia Gravity Sewer Pipe	1,676	LF	\$23.00	\$38,548.00	-	\$0.00	-	\$0.00	-	1,371.00	\$31,533.00	-	\$0.00	\$31,533.00	82%	\$-7,015.00		
111-C01	4" Dia Gravity Sewer Pipe	65	LF	\$23.00	\$1,495.00	-	\$0.00	-	\$0.00	-	65.00	\$1,495.00	-	\$0.00	\$1,495.00	100%	\$0.00		
112	8" x 4" Sanitary Sewer Service Connection	48	Each	\$235.00	\$11,280.00	-	\$0.00	-	\$0.00	-	48.00	\$11,280.00	-	\$0.00	\$11,280.00	100%	\$0.00		
112-C01	8" x 4" Sanitary Sewer Service Connection	2	Each	\$235.00	\$470.00	-	\$0.00	-	\$0.00	-	2.00	\$470.00	-	\$0.00	\$470.00	100%	\$0.00		
113	8" x 4" Sanitary Sewer Service Connection	2	Each	\$250.00	\$500.00	-	\$0.00	-	\$0.00	-	2.00	\$500.00	-	\$0.00	\$500.00	100%	\$0.00		
114	48" Dia Sanitary Sewer Manhole	13	Each	\$3,900.00	\$50,700.00	-	\$0.00	-	\$0.00	-	13.00	\$50,700.00	-	\$0.00	\$50,700.00	100%	\$0.00		
115	48" Dia Sanitary Sewer Drop Manhole	1	Each	\$4,500.00	\$4,500.00	-	\$0.00	-	\$0.00	-	2.00	\$9,000.00	-	\$0.00	\$9,000.00	200%	\$4,500.00		
116	Additional Vertical Feet Manhole	11	VF	\$350.00	\$3,850.00	-	\$0.00	-	\$0.00	-	11.00	\$3,850.00	-	\$0.00	\$3,850.00	100%	\$0.00		
117	Connect to Existing Sanitary Sewer Pipe	21	Each	\$550.00	\$11,550.00	-	\$0.00	-	\$0.00	-	21.00	\$11,550.00	-	\$0.00	\$11,550.00	100%	\$0.00		
118	Core Drill Sanitary Sewer Manhole	1	Each	\$1,800.00	\$1,800.00	-	\$0.00	-	\$0.00	-	1.00	\$1,800.00	-	\$0.00	\$1,800.00	100%	\$0.00		
119	Chimney Seal	14	Each	\$550.00	\$7,700.00	-	\$0.00	-	\$0.00	-	14.00	\$7,700.00	-	\$0.00	\$7,700.00	100%	\$0.00		
120	Adjustment of Manhole and Cover	14	Each	\$200.00	\$2,800.00	-	\$0.00	-	\$0.00	-	14.00	\$2,800.00	-	\$0.00	\$2,800.00	100%	\$0.00		
121	Tracer Wire - Sanitary	5,288	LF	\$0.18	\$951.84	-	\$0.00	-	\$0.00	-	4,786.00	\$861.48	-	\$0.00	\$861.48	91%	\$-90.36		
SURFACING																			
122	Water For Granular Material	315	MGal	\$19.00	\$5,985.00	122.85	\$2,334.15	66.15	\$1,256.85	9.45	\$179.55	116.55	\$2,214.45		\$5,985.00	100%	\$0.00		
123	Base Course	26,240	Ton	\$14.50	\$380,480.00	9,802.14	\$142,131.07	5,278.08	\$76,532.12	754.01	\$10,933.16	9,299.47	\$134,842.30		\$364,438.65	96%	\$-16,041.35		

Change Order #7 - Final Adjustment of Quantities

Owner:	City of Madison, SD	Owner's Project No.:	
Engineer:	Banner Associates, Inc.	Engineer's Project No.:	22831.00
Contractor:	J & J Earth Works, Inc.	Contractor's Project No.:	
Project:	City of Madison Water System Improvements Phase 1A		
Contract:	City of Madison Water System Improvements Phase 1A		

															Application Date:		09/30/24	
A	B	C	D	E	F	G1	H1	G2	H2	G3	H3	G4	H4	I	J	K	L	
Bid Item No.	Description	Contract Information		CHANGE ORDER #7 Final Quantity Adjustment Minus Bid Constructed (J-F)														
		Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4) (\$)	Materials Currently Stored (not in G) (\$)	TOTAL Work Completed to Date (H1+H2+H3) (\$)	% of Value of Item (J / F) (%)	CHANGE ORDER #7 Final Quantity Adjustment Minus Bid Constructed (J-F) (\$)	
124	Subbase Foundation Aggregate	2,624	Ton	\$23.50	\$61,664.00	53.35	\$1,253.77	28.73	\$675.11	4.10	\$96.44	50.62	\$1,189.48		\$3,214.80	5%	-\$58,449.20	
125	Asphalt Concrete	29,163	SqYd	\$24.70	\$720,326.10	11,383.71	\$281,177.64	6,129.69	\$151,403.34	875.67	\$21,629.05	10,799.93	\$266,758.27		\$720,968.30	100%	\$642.20	
126	Asphalt Concrete Sampling and Testing	22	Each	\$800.00	\$17,600.00	6.24	\$4,992.00	3.36	\$2,688.00	0.48	\$384.00	5.92	\$4,736.00		\$12,800.00	73%	-\$4,800.00	
127	PCC Approach Pavement, 6" Thick	2,176	SqYd	\$65.00	\$141,440.00	1,088.00	\$70,720.00	195.84	\$12,729.60	65.28	\$4,243.20	826.88	\$53,747.20		\$141,440.00	100%	\$0.00	
128	Reinforced PCC Approach Pavement, 6" Thick	375	SqYd	\$75.00	\$28,125.00	187.50	\$14,062.50	33.75	\$2,531.25	11.25	\$843.75	142.50	\$10,687.50		\$28,125.00	100%	\$0.00	
129	PCC Pavement, 8.5" Thick, Non-Reinforced	121	SqYd	\$110.00	\$13,310.00	-	\$0.00	60.50	\$6,655.00	-	\$0.00	60.50	\$6,655.00		\$13,310.00	100%	\$0.00	
130	Dowel Bar Assembly	48	Each	\$45.00	\$2,160.00	-	\$0.00	24.00	\$1,080.00	-	\$0.00	24.00	\$1,080.00		\$2,160.00	100%	\$0.00	
131	Insert Steel Bar in PCC Pavement	32	Each	\$50.00	\$1,600.00	-	\$0.00	16.00	\$800.00	-	\$0.00	16.00	\$800.00		\$1,600.00	100%	\$0.00	
132	Concrete Filled Section, 6" Thick	116	SqYd	\$85.00	\$9,860.00	27.84	\$2,366.40	5.80	\$493.00	2.32	\$197.20	80.04	\$6,803.40		\$9,860.00	100%	\$0.00	
133	Concrete Curb & Gutter	14,668	Ft	\$18.00	\$264,024.00	3,520.32	\$63,365.76	733.40	\$13,201.20	293.36	\$5,280.48	10,120.92	\$182,176.56		\$264,024.00	100%	\$0.00	
134	Concrete Valley Gutter, 6" Thick	86	SqYd	\$115.00	\$9,890.00	20.64	\$2,373.60	4.30	\$494.50	1.72	\$197.80	59.34	\$6,824.10		\$9,890.00	100%	\$0.00	
135	Concrete Steps	412	SqFt	\$25.00	\$10,300.00	197.50	\$4,937.50	-	\$0.00	-	\$0.00	197.50	\$4,937.50		\$9,875.00	96%	-\$425.00	
136	Handrail	15	Ft	\$400.00	\$6,000.00	3.50	\$1,400.00	-	\$0.00	-	\$0.00	3.50	\$1,400.00		\$2,800.00	47%	-\$3,200.00	
137	4" Concrete Sidewalk	17,045	SqFt	\$4.80	\$81,816.00	7,732.00	\$37,113.60	1,391.76	\$6,680.45	463.92	\$2,226.82	5,876.32	\$28,206.34		\$74,227.21	91%	-\$7,588.79	
138	6" Concrete Sidewalk	4,961	SqFt	\$5.50	\$27,285.50	2,193.50	\$12,064.25	394.83	\$2,171.57	131.61	\$723.86	1,667.06	\$9,168.83		\$24,128.51	88%	-\$3,156.99	
139	Concrete Sampling and Testing	22	Each	\$150.00	\$3,300.00	12.50	\$1,875.00	2.25	\$337.50	0.75	\$112.50	9.50	\$1,425.00		\$3,750.00	114%	-\$450.00	
140	Type B Detectable Warnings	510	SqFt	\$35.00	\$17,850.00	86.70	\$3,034.50	-	\$0.00	-	\$0.00	423.30	\$14,815.50		\$17,850.00	100%	\$0.00	
141	Type B Detectable Warnings, Radius Type	160	SqFt	\$45.00	\$7,200.00	80.00	\$3,600.00	-	\$0.00	-	\$0.00	80.00	\$3,600.00		\$7,200.00	100%	\$0.00	
Original Contract Totals					\$4,291,181.64		\$1,837,007.05		\$791,769.31		\$308,807.69		\$1,077,751.32	\$0.00	\$4,015,335.37		-\$275,846.27	

Change Order #3 - Final Adjustment of Quantities

Owner: City of Madison, SD
 Engineer: Banner Associates, Inc.
 Contractor: J & Earth Works, Inc.
 Project: City of Madison Water System Improvements Phase 1B - Bid Schedule 3
 Contract: Base Bid, Bid Alternate 1 and Bid Alternate 2

Owner's Project No.:
 Engineer's Project No.: 22831.00
 Contractor's Project No.:

Application Date: 09/30/24

A	B	C	D	E	F	G1	H1	G2	H2	G3	H3	G4	H4	I	J	K	L
Bid Item No.	Description	Item Quantity	Units	Unit Price (\$)	Value of Bid Item (E X F)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4)	Materials Currently Stored (not in G)	TOTAL Work Completed to Date (H1+H2+H3+H4)	% of Value of Item (J / F)	CHANGE ORDER #3 Final Quantity Adjustment Minus Bid Amount (J-F)
PHASE 1B- BASE BID, BID ALTERNATE 1 AND BID ALTERNATE 2																	
GENERAL																	
1	Mobilization	1	LS	\$567,000.00	\$567,000.00	0.25	\$143,600.00	0.16	\$88,400.00	0.13	\$71,950.00	0.46	\$263,050.00		\$567,000.00	100%	\$0.00
2	Traffic Control Signs	1,171	SqFt	\$2.00	\$2,342.00	293.43	\$586.86	176.86	\$353.72	157.45	\$314.90	543.26	\$1,086.52		\$2,342.00	100%	\$0.00
3	Traffic Control, Miscellaneous	1	LS	\$99,000.00	\$99,000.00	0.26	\$25,390.00	0.16	\$16,130.00	0.11	\$11,160.00	0.47	\$46,320.00		\$99,000.00	100%	\$0.00
4	Type 2 Barricade	107	Each	\$15.00	\$1,605.00	26.98	\$404.70	16.06	\$240.90	15.65	\$234.75	48.31	\$724.65		\$1,605.00	100%	\$0.00
5	Type 3 Barricade - 6 Ft. Double-Sided	30	Each	\$30.00	\$900.00	7.58	\$227.40	4.56	\$136.80	4.22	\$126.60	13.64	\$409.20		\$900.00	100%	\$0.00
6	Type 3 Barricade - 8 Ft. Single-Sided	141	Each	\$30.00	\$4,230.00	35.64	\$1,069.20	21.33	\$639.90	20.34	\$610.20	63.69	\$1,910.70		\$4,230.00	100%	\$0.00
7	Blading	360	Hour	\$10.00	\$3,600.00	-	\$0.00	-	\$0.00	-	\$0.00	0.00	\$0.00		\$0.00	0%	-\$3,600.00
8	Sweeping	72	Hour	\$10.00	\$720.00	17.92	\$179.20	10.64	\$106.40	10.08	\$100.80	33.36	\$333.60		\$720.00	100%	\$0.00
EROSION																	
9	Placing Contractor Furnished Topsoil	1,252	CuYd	\$34.00	\$42,568.00	406.85	\$13,832.90	62.60	\$2,128.40	188.65	\$6,414.10	593.90	\$20,192.60		\$42,568.00	100%	\$0.00
10	Seeding	947	Lb	\$16.00	\$15,152.00	316.80	\$5,068.76	48.75	\$780.00	147.18	\$2,354.83	462.28	\$7,396.41		\$15,152.00	103%	\$488.00
11	Fertilizing	809	Lb	\$2.30	\$1,860.70	276.17	\$635.19	42.50	\$97.75	128.29	\$295.06	403.04	\$926.99		\$1,955.00	105%	\$94.30
12	Weed Control	14,956	SqYd	\$0.10	\$1,495.60	4,859.35	\$485.94	747.80	\$74.78	2,256.75	\$225.68	7,092.10	\$709.21		\$1,495.60	100%	\$0.00
13	Hydro-Mulching	7	Ton	\$4,800.00	\$33,120.00	2.27	\$10,883.48	0.35	\$1,680.00	1.13	\$5,405.22	3.26	\$15,631.30		\$33,600.00	101%	\$480.00
14	Temporary Seeding	138	Lb	\$25.00	\$3,455.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$3,455.00
15	Erosion Control Blanket	3,371	SqYd	\$2.60	\$8,764.60	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$8,764.60
16	Inlet Protection	37	Each	\$75.00	\$2,775.00	11.80	\$885.00	1.85	\$138.75	7.95	\$596.25	15.40	\$1,155.00		\$2,775.00	100%	\$0.00
17	Temporary Vehicle Tracking Control	9	Each	\$350.00	\$3,150.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$3,150.00
18	Concrete Washout Area	9	Each	\$150.00	\$1,350.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$1,350.00
19	Manhole Construction Plate Marker	41	Each	\$125.00	\$5,125.00	13.45	\$1,681.25	2.05	\$256.25	6.80	\$850.00	18.70	\$2,337.50		\$5,125.00	100%	\$0.00
REMOVALS																	
20	Clear and Grub Tree	40	Each	\$1,150.00	\$46,000.00	13.70	\$15,757.88	2.10	\$2,415.00	6.98	\$8,029.88	19.22	\$22,097.25		\$48,300.00	105%	\$2,300.00
21	Remove Concrete Curb and Gutter	12,617	LF	\$5.50	\$69,393.50	1,845.66	\$10,151.13	843.55	\$4,639.53	611.60	\$3,363.80	9,316.19	\$51,239.05		\$69,393.50	100%	\$0.00
22	Remove Asphalt Concrete Pavement	384	SqYd	\$6.75	\$2,592.00	153.22	\$1,034.24	96.64	\$652.32	42.50	\$286.88	91.64	\$618.57		\$2,592.00	100%	\$0.00
23	Remove Concrete Pavement	2,360	SqYd	\$7.00	\$16,520.00	559.01	\$3,913.07	196.26	\$1,373.82	464.10	\$3,248.70	1,140.63	\$7,984.41		\$16,520.00	100%	\$0.00
24	Remove Concrete Sidewalk	2,329	SqYd	\$6.50	\$15,138.50	412.14	\$2,678.91	251.48	\$1,634.62	513.96	\$3,340.74	1,151.42	\$7,484.23		\$15,138.50	100%	\$0.00
25	Salvage Traffic Sign for Reset	10	Each	\$30.00	\$300.00	4.56	\$136.80	3.33	\$99.90	0.54	\$16.20	1.57	\$47.10		\$300.00	100%	\$0.00
26	Saw Existing Asphalt	2,283	LF	\$5.00	\$11,415.00	946.95	\$4,734.75	539.31	\$2,696.55	141.31	\$706.55	655.43	\$3,277.15		\$11,415.00	100%	\$0.00
27	Saw Existing Concrete	2,850	LF	\$5.50	\$15,675.00	525.84	\$2,892.12	279.38	\$1,536.59	736.02	\$4,048.11	1,308.76	\$7,198.18		\$15,675.00	100%	\$0.00
28	Tree Trimming	3	Each	\$350.00	\$1,050.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$1,050.00
29	Root Grinding	8	Each	\$450.00	\$3,600.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$3,600.00
TRENCHING, EXCAVATION, BACKFILLING																	
30	Trench Stabilization Material	450	Ton	\$24.00	\$10,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$10,800.00
31	Imported Trench Backfill Material	450	Ton	\$13.00	\$5,850.00	220.00	\$2,860.00	160.00	\$2,080.00	70.00	\$910.00	-	\$0.00		\$5,850.00	100%	\$0.00
32	Verify Utility	99	Each	\$25.00	\$2,475.00	30.78	\$769.50	16.83	\$420.75	10.95	\$273.75	40.44	\$1,011.00		\$2,475.00	100%	\$0.00
33	Locate Utility	9	Each	\$100.00	\$900.00	4.50	\$450.00	4.50	\$450.00	-	\$0.00	-	\$0.00		\$900.00	100%	\$0.00
GRADING																	
34	Unclassified Excavation	14,360	CuYd	\$9.75	\$140,010.00	6,001.00	\$58,509.75	1,988.20	\$19,384.95	1,184.20	\$11,545.95	5,186.60	\$50,569.35		\$140,010.00	100%	\$0.00
35	Unclassified Excavation, Digtouts	1,430	CuYd	\$10.50	\$15,015.00	597.70	\$6,275.85	197.90	\$2,077.95	117.80	\$1,236.90	516.60	\$5,424.30		\$15,015.00	100%	\$0.00
36	Scarify and Recompact Subgrade	33,600	SqYd	\$0.85	\$28,560.00	14,110.00	\$11,993.50	4,595.40	\$3,906.09	2,672.50	\$2,271.63	12,222.10	\$10,388.79		\$28,560.00	100%	\$0.00
37	Compaction - Moisture/Density Tests	226	Each	\$150.00	\$33,900.00	70.64	\$10,596.52	23.38	\$3,507.50	13.90	\$2,085.21	61.07	\$9,160.77		\$25,350.00	75%	-\$8,550.00
38	Water For Embankment	144	Mgal	\$35.00	\$5,033.00	60.20	\$2,107.09	19.92	\$697.08	11.83	\$413.92	52.05	\$1,821.90		\$5,040.00	100%	\$7.00
39	Full Depth Reclamation	28,360	SqYd	\$1.30	\$36,868.00	11,931.80	\$15,511.34	3,860.40	\$5,018.52	2,221.50	\$2,887.95	10,346.30	\$13,450.19		\$36,868.00	100%	\$0.00
40	Salvage and Stockpile Asphalt Mix and Granular Base Material	28,360	SqYd	\$3.35	\$95,006.00	11,931.80	\$39,971.53	3,860.40	\$12,932.34	2,221.50	\$7,442.03	10,346.30	\$34,660.11		\$95,006.00	100%	\$0.00
41	Geotextile Fabric For Subgrade Stabilization	11,310	SqYd	\$3.35	\$37,888.50	5,792.31	\$19,404.24	2,139.24	\$7,166.44	1,745.70	\$5,848.10	4,652.75	\$15,586.72		\$48,005.50	127%	\$10,117.00
WATERMAIN																	
42	Remove and Salvage Fire Hydrant	14	Each	\$250.00	\$3,500.00	14.00	\$3,500.00	-	\$0.00	-	\$0.00	-	\$0.00		\$3,500.00	100%	\$0.00
43	Remove Valve Box	23	Each	\$150.00	\$3,450.00	23.00	\$3,450.00	-	\$0.00	-	\$0.00	-	\$0.00		\$3,450.00	100%	\$0.00
44	Remove Watermain	2,008	LF	\$4.00	\$8,032.00	2,008.00	\$8,032.00	-	\$0.00	-	\$0.00	-	\$0.00		\$8,032.00	100%	\$0.00
45	6" Watermain	3,633	LF	\$38.50	\$139,870.50	3,633.00	\$139,870.50	-	\$0.00	-	\$0.00	-	\$0.00		\$139,870.50	100%	\$0.00
46	6" Restrained Joint Watermain (HDD Bore)	100	LF	\$80.00	\$8,000.00	100.00	\$8,000.00	-	\$0.00	-	\$0.00	-	\$0.00		\$8,000.00	100%	\$0.00
47	8" Watermain	3,630	LF	\$47.00	\$170,610.00	3,630.00	\$170,610.00	-	\$0.00	-	\$0.00	-	\$0.00		\$170,610.00	100%	\$0.00
48	8" Restrained Joint Watermain (HDD Bore)	37	LF	\$150.00	\$5,550.00	37.00	\$5,550.00	-	\$0.00	-	\$0.00	-	\$0.00		\$5,550.00	100%	\$0.00
49	10" Watermain	60	LF	\$68.00	\$4,080.00	60.00	\$4,080.00	-	\$0.00	-	\$0.00	-	\$0.00		\$4,080.00	100%	\$0.00
50	12" Watermain	1,166	LF	\$66.00	\$76,956.00	1,166.00	\$76,956.00	-	\$0.00	-	\$0.00	-	\$0.00		\$76,956.00	100%	\$0.00
51	6" MJ Gate Valve & Box w/ Joint Restraints	37	Each	\$1,425.00	\$52,725.00	37.00	\$52,725.00	-	\$0.00	-	\$0.00	-	\$0.00		\$52,725.00	100%	\$0.00
52	8" MJ Gate Valve & Box w/ Joint Restraints	25	Each	\$1,875.00	\$46,875.00	25.00	\$46,875.00	-	\$0.00	-	\$0.00	-	\$0.00		\$46,875.00	100%	\$0.00
53	10" MJ Gate Valve & Box w/ Joint Restraints	1	Each	\$2,800.00	\$2,800.00	1.00	\$2,800.00	-	\$0.00	-	\$0.00	-	\$0.00		\$2,800.00	100%	\$0.00
54	12" MJ Gate Valve & Box w/ Joint Restraints	5	Each	\$3,500.00	\$17,500.00	5.00	\$17,500.00	-	\$0.00	-	\$0.00	-	\$0.00		\$17,500.00	100%	\$0.00
55	Adjustment of Valve Box	67	Each	\$175.00	\$11,725.00	61.00	\$10,675.00	-	\$0.00	-	\$0.00	-	\$0.00		\$10,675.00	91%	-\$1,050.00
56	6" MJ Bend (45 Degree) w/ Joint Restraints	6	Each	\$375.00	\$2,250.00	6.00	\$2,250.00	-	\$0.00	-	\$0.00	-	\$0.00		\$2,250.00	100%	\$0.00
57	8" MJ Bend (45 Degree) w/ Joint Restraints	13	Each	\$475.00	\$6,175.00	13.00	\$6,175.00	-	\$0.00	-	\$0.00	-	\$0.00		\$6,175.00	100%	\$0.00
58	6" MJ Bend (90 Degree) w/ Joint Restraints	1	Each	\$425.00	\$425.00	1.00	\$425.00	-	\$0.00	-	\$0.00	-	\$0.00				

Change Order #3 - Final Adjustment of Quantities

Owner: City of Madison, SD
 Engineer: Banner Associates, Inc.
 Contractor: J & J Earth Works, Inc.
 Project: City of Madison Water System Improvements Phase 1B - Bid Schedule 3
 Contract: Base Bid, Bid Alternate 1 and Bid Alternate 2

Owner's Project No.:
 Engineer's Project No.: 22831.00
 Contractor's Project No.:

															Application Date: 09/30/24				
A	B	C	D	E	F	G1	H1	G2	H2	G3	H3	G4	H4	I	J	K	L		
Bid Item No.	Description	Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	DRINKING WATER				SANITARY SEWER IMPROVEMENTS		STORM IMPROVEMENTS		STREET IMPROVEMENTS		Materials Currently Stored (not in G) (\$)	TOTAL Work Completed to Date (H1+H2+H3+H4) (\$)	% of Value of Item (J / F) (%)	CHANGE ORDER #3 Final Quantity Adjustment Minus Bid Amount (J-F) (\$)
						Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4) (\$)						
64	6" MJ Cap w/ Joint Restraints	1	Each	\$250.00	\$250.00	1.00	\$250.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$250.00	100%	\$0.00	
65	6" MJ Plug w/ Joint Restraints	1	Each	\$275.00	\$275.00	1.00	\$275.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$275.00	100%	\$0.00	
66	6" x 6" MJ Tee w/ Joint Restraints	12	Each	\$650.00	\$7,800.00	12.00	\$7,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$7,800.00	100%	\$0.00	
67	8" x 6" MJ Tee w/ Joint Restraints	13	Each	\$775.00	\$10,075.00	13.00	\$10,075.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$10,075.00	100%	\$0.00	
68	8" x 8" MJ Tee w/ Joint Restraints	3	Each	\$875.00	\$2,625.00	3.00	\$2,625.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$2,625.00	100%	\$0.00	
69	12" x 6" MJ Tee w/ Joint Restraints	1	Each	\$1,150.00	\$1,150.00	1.00	\$1,150.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,150.00	100%	\$0.00	
70	12" x 8" MJ Tee w/ Joint Restraints	2	Each	\$1,200.00	\$2,400.00	2.00	\$2,400.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$2,400.00	100%	\$0.00	
71	12" x 10" MJ Tee w/ Joint Restraints	1	Each	\$1,450.00	\$1,450.00	1.00	\$1,450.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,450.00	100%	\$0.00	
72	8" x 4" MJ Cross w/ Joint Restraints	2	Each	\$850.00	\$1,700.00	2.00	\$1,700.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,700.00	100%	\$0.00	
73	8" x 8" MJ Cross w/ Joint Restraints	1	Each	\$875.00	\$875.00	1.00	\$875.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$875.00	100%	\$0.00	
74	6" x 6" MJ Cross w/ Joint Restraints	1	Each	\$775.00	\$775.00	1.00	\$775.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$775.00	100%	\$0.00	
75	12" x 6" MJ Cross w/ Joint Restraints	1	Each	\$1,300.00	\$1,300.00	1.00	\$1,300.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,300.00	100%	\$0.00	
76	8" x 6" MJ Reducer w/ Joint Restraints	4	Each	\$450.00	\$1,800.00	4.00	\$1,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,800.00	100%	\$0.00	
77	12" x 8" MJ Reducer w/ Joint Restraints	1	Each	\$725.00	\$725.00	1.00	\$725.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$725.00	100%	\$0.00	
78	12" x 10" MJ Reducer w/ Joint Restraints	1	Each	\$800.00	\$800.00	1.00	\$800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$800.00	100%	\$0.00	
79	6" MJ Sleeve w/ Joint Restraints	11	Each	\$450.00	\$4,950.00	11.00	\$4,950.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$4,950.00	100%	\$0.00	
80	8" MJ Sleeve w/ Joint Restraints	14	Each	\$560.00	\$7,840.00	14.00	\$7,840.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$7,840.00	100%	\$0.00	
81	10" MJ Sleeve w/ Joint Restraints	2	Each	\$720.00	\$1,440.00	2.00	\$1,440.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,440.00	100%	\$0.00	
82	6" MJ Foster Adaptor	3	Each	\$550.00	\$1,650.00	3.00	\$1,650.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,650.00	100%	\$0.00	
83	"Owner Furnished" Fire Hydrant w/ Joint Restraints	16	Each	\$1,700.00	\$27,200.00	16.00	\$27,200.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$27,200.00	100%	\$0.00	
84	"Owner Furnished" Fire Hydrant Extensions	2	Each	\$350.00	\$700.00	2.00	\$700.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$700.00	100%	\$0.00	
85	Temporary Water Service - Connection	26	Each	\$375.00	\$9,750.00	26.00	\$9,750.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$9,750.00	100%	\$0.00	
86	Temporary Water Service	1	LS	\$52,500.00	\$52,500.00	1.00	\$52,500.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$52,500.00	100%	\$0.00	
87	Temporary Fire Hydrant	4	Each	\$1,200.00	\$4,800.00	4.00	\$4,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$4,800.00	100%	\$0.00	
88	Cut and Tie to Existing Watermain	28	Each	\$1,300.00	\$36,400.00	28.00	\$36,400.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$36,400.00	100%	\$0.00	
89	6" x 1" Water Service Saddle Tap & Corp	42	Each	\$375.00	\$15,750.00	42.00	\$15,750.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$16,125.00	102%	\$375.00	
90	8" x 1" Water Service Saddle Tap & Corp	34	Each	\$425.00	\$14,450.00	39.00	\$16,575.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$16,575.00	115%	\$2,125.00	
91	12" x 1" Water Service Saddle Tap & Corp	12	Each	\$730.00	\$8,760.00	12.00	\$8,760.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$8,760.00	100%	\$0.00	
92	1" Water Service Curb Stop & Box	88	Each	\$430.00	\$37,840.00	94.00	\$40,420.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$40,420.00	107%	\$2,580.00	
93	1" Water Service Piping	2,823	LF	\$28.00	\$79,044.00	2,866.00	\$80,248.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$80,248.00	102%	\$1,204.00	
94	Tracer Wire - Water	11,439	LF	\$0.65	\$7,435.35	11,492.00	\$7,469.80	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$7,469.80	100%	\$34.45	
95	12" PVC Encasement Pipe	100	LF	\$68.00	\$6,800.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$0.00	0%	-\$6,800.00	
96	16" PVC Encasement Pipe	100	LF	\$72.00	\$7,200.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$0.00	0%	-\$7,200.00	
STORM SEWER																			
97	Remove Drop Inlet	23	Each	\$325.00	\$7,475.00	-	\$0.00	-	\$0.00	23.00	\$7,475.00	-	\$0.00	-	\$0.00	\$7,475.00	100%	\$0.00	
98	Remove Storm Sewer Manhole	5	Each	\$450.00	\$2,250.00	-	\$0.00	-	\$0.00	5.00	\$2,250.00	-	\$0.00	-	\$0.00	\$2,250.00	100%	\$0.00	
99	Remove Storm Sewer Pipe	1,007	LF	\$6.00	\$6,042.00	-	\$0.00	-	\$0.00	1,007.00	\$6,042.00	-	\$0.00	-	\$0.00	\$6,042.00	100%	\$0.00	
100	Remove, Salvage and Reset Type B Frame and Grate	2	Each	\$250.00	\$500.00	-	\$0.00	-	\$0.00	2.00	\$500.00	-	\$0.00	-	\$0.00	\$500.00	100%	\$0.00	
101	8" PVC Storm Sewer Pipe, Furnish	10	LF	\$15.00	\$150.00	-	\$0.00	-	\$0.00	10.00	\$150.00	-	\$0.00	-	\$0.00	\$150.00	100%	\$0.00	
102	8" PVC Storm Sewer Pipe, Install	10	LF	\$70.00	\$700.00	-	\$0.00	-	\$0.00	10.00	\$700.00	-	\$0.00	-	\$0.00	\$700.00	100%	\$0.00	
103	12" PVC Storm Sewer Pipe, Furnish	6	LF	\$30.00	\$180.00	-	\$0.00	-	\$0.00	6.00	\$180.00	-	\$0.00	-	\$0.00	\$180.00	100%	\$0.00	
104	12" PVC Storm Sewer Pipe, Furnish	6	LF	\$75.00	\$450.00	-	\$0.00	-	\$0.00	6.00	\$450.00	-	\$0.00	-	\$0.00	\$450.00	100%	\$0.00	
105	12" RCP Class 3, Furnish	12	LF	\$15.00	\$180.00	-	\$0.00	-	\$0.00	12.00	\$180.00	-	\$0.00	-	\$0.00	\$180.00	100%	\$0.00	
106	12" RCP, Install	12	LF	\$60.00	\$720.00	-	\$0.00	-	\$0.00	12.00	\$720.00	-	\$0.00	-	\$0.00	\$720.00	100%	\$0.00	
107	15" RCP Class 3, Furnish	6	LF	\$18.00	\$108.00	-	\$0.00	-	\$0.00	6.00	\$108.00	-	\$0.00	-	\$0.00	\$108.00	100%	\$0.00	
108	15" RCP, Install	6	LF	\$85.00	\$510.00	-	\$0.00	-	\$0.00	6.00	\$510.00	-	\$0.00	-	\$0.00	\$510.00	100%	\$0.00	
109	18" RCP Class 3, Furnish	363	LF	\$17.50	\$6,352.50	-	\$0.00	-	\$0.00	363.00	\$6,352.50	-	\$0.00	-	\$0.00	\$6,352.50	100%	\$0.00	
110	18" RCP, Install	363	LF	\$58.00	\$21,054.00	-	\$0.00	-	\$0.00	363.00	\$21,054.00	-	\$0.00	-	\$0.00	\$21,054.00	100%	\$0.00	
111	24" RCP Class 3, Furnish	6	LF	\$32.00	\$192.00	-	\$0.00	-	\$0.00	6.00	\$192.00	-	\$0.00	-	\$0.00	\$192.00	100%	\$0.00	
112	24" RCP, Install	6	LF	\$100.00	\$600.00	-	\$0.00	-	\$0.00	6.00	\$600.00	-	\$0.00	-	\$0.00	\$600.00	100%	\$0.00	
113	30" RCP Class 3, Furnish	49	LF	\$36.00	\$1,764.00	-	\$0.00	-	\$0.00	49.00	\$1,764.00	-	\$0.00	-	\$0.00	\$1,764.00	100%	\$0.00	
114	30" RCP, Install	49	LF	\$65.00	\$3,185.00	-	\$0.00	-	\$0.00	49.00	\$3,185.00	-	\$0.00	-	\$0.00	\$3,185.00	100%	\$0.00	
115	36" RCP Class 3, Furnish	92	LF	\$45.00	\$4,140.00	-	\$0.00	-	\$0.00	92.00	\$4,140.00	-	\$0.00	-	\$0.00	\$4,140.00	100%	\$0.00	
116	36" RCP, Install	92	LF	\$75.00	\$6,900.00	-	\$0.00	-	\$0.00	92.00	\$6,900.00	-	\$0.00	-	\$0.00	\$6,900.00	100%	\$0.00	
117	12" PVC Storm Sewer Cap	1	Each	\$200.00	\$200.00	-	\$0.00	-	\$0.00	1.00	\$200.00	-	\$0.00	-	\$0.00	\$200.00	100%	\$0.00	
118	Connect to Existing Storm Sewer Pipe	12	Each	\$1,250.00	\$15,000.00	-	\$0.00	-	\$0.00	12.00	\$15,000.00	-	\$0.00	-	\$0.00	\$15,000.00	100%	\$0.00	
119	Storm Sewer Junction Box, Type 1 (4'x4')	1	Each	\$4,800.00	\$4,800.00	-	\$0.00	-	\$0.00	1.00	\$4,800.00	-	\$0.00	-	\$0.00	\$4,800.00	100%	\$0.00	
120	Storm Sewer Junction Box, Type 1 (5'x5')	8	Each	\$3,350.00	\$26,800.00	-	\$0.00	-	\$0.00	8.00	\$26,800.00	-	\$0.00	-	\$0.00	\$26,800.00	100%	\$0.00	
121	Type B Inlet with Frame and Grate	7	Each	\$5,800.00	\$40,600.00	-	\$0.00	-	\$0.00	7.00	\$40,600.00	-	\$0.00	-	\$0.00	\$40,600.00	100%	\$0.00	
122	5' Drop Inlet (5'x5')	8	Each	\$5,600.00	\$44,800.00	-	\$0.00	-	\$0.00	8.00	\$44,800.00	-	\$0.00	-	\$0.00	\$44,800.00	100%	\$0.00	
123	Adjust Junction Box	9	Each	\$325.00	\$2,925.00	-	\$0.00	-	\$0.00	9.00	\$2,925.00	-	\$0.00	-	\$0.00	\$2,925.00	100%	\$0.00	
124	Sump Drain Line - Type 1	3	Each	\$750.00	\$2,250.00	-	\$0.00	-	\$0.00	3.00	\$2,250.00	-	\$0.00	-	\$0.00	\$2,250.00	100%	\$0.00	
125	Sump Drain Line - Type 2	3	Each	\$950.00	\$2,850.00	-	\$0.00	-	\$0.00	3.00	\$2,850.00	-	\$0.00	-	\$0.00	\$2,850.00	100%	\$0.00	
126	4" Underdrain Pipe	1,000	LF	\$14.50	\$14,500.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	\$0.00	0%	-\$14,500.00	
SANITARY SEWER																			
127	Remove Sanitary Sewer Manhole	18	Each	\$375.00	\$6,750.00	-	\$0.00	18.00	\$6,750.00	-	\$0.00	-	\$0.00	-	\$0.00	\$6,750.00	100%	\$0.00	
128	Remove Sanitary Cleanout	1	Each	\$250.00	\$250.00	-	\$0.00	1.00	\$250.00	-	\$0.00	-	\$0.00	-	\$0.00	\$250.00	100%	\$0.00	
129	4" Dia Gravity Sewer Pipe	1,651	LF	\$31.00	\$51,181.00	-	\$0.00	1,367.00	\$42,377.00	-	\$0.00	-	\$0.00	-	\$0.00	\$42,377.00	83%	-\$8,804.00	
130	6" Dia Gravity Sewer Pipe	26	LF	\$55.00	\$1,430.00	-	\$0.00	26.00	\$1,430.00	-	\$0.00	-	\$0.00	-	\$0.00	\$1,430.00	100%	\$0.00	
131	8" Dia Gravity Sewer Pipe	3,025	LF	\$57															

Change Order #3 - Final Adjustment of Quantities

Owner: City of Madison, SD
 Engineer: Banner Associates, Inc.
 Contractor: J & J Earth Works, Inc.
 Project: City of Madison Water System Improvements Phase 1B - Bid Schedule 3
 Contract: Base Bid, Bid Alternate 1 and Bid Alternate 2

Owner's Project No.:
 Engineer's Project No.: 22831.00
 Contractor's Project No.:

																Application Date: 09/30/24	
A	B	C	D	E	F	G1	H1	G2	H2	G3	H3	G4	H4	I	J	K	L
Bid Item No.	Description	Contract Information				DRINKING WATER		SANITARY SEWER IMPROVEMENTS		STORM IMPROVEMENTS		STREET IMPROVEMENTS		Materials Currently Stored (not in G)	TOTAL Work Completed to Date (H1+H2+H3+H4)	% of Value of Item (I / F)	CHANGE ORDER #3 Final Quantity Adjustment Minus Bid Amount (J-F)
		Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4)				
132	10" Dia Gravity Sewer Pipe	370	LF	\$67.00	\$24,790.00	-	\$0.00	370.00	\$24,790.00	-	\$0.00	-	\$0.00	-	\$24,790.00	100%	\$0.00
133	12" Dia Gravity Sewer Pipe	759	LF	\$76.00	\$57,684.00	-	\$0.00	759.00	\$57,684.00	-	\$0.00	-	\$0.00	-	\$57,684.00	100%	\$0.00
134	4" Sewer Cap	2	Each	\$50.00	\$100.00	-	\$0.00	2.00	\$100.00	-	\$0.00	-	\$0.00	-	\$100.00	100%	\$0.00
135	10" Sewer Cap	1	Each	\$125.00	\$125.00	-	\$0.00	1.00	\$125.00	-	\$0.00	-	\$0.00	-	\$125.00	100%	\$0.00
136	8"x6" Eccentric Sewer Reducer	1	Each	\$150.00	\$150.00	-	\$0.00	1.00	\$150.00	-	\$0.00	-	\$0.00	-	\$150.00	100%	\$0.00
137	10"x8" Eccentric Sewer Reducer	1	Each	\$175.00	\$175.00	-	\$0.00	1.00	\$175.00	-	\$0.00	-	\$0.00	-	\$175.00	100%	\$0.00
138	8"x4" Sanitary Sewer Service Connection	39	Each	\$325.00	\$12,675.00	-	\$0.00	39.00	\$12,675.00	-	\$0.00	-	\$0.00	-	\$12,675.00	100%	\$0.00
139	48" Dia Sanitary Sewer Manhole	24	Each	\$4,200.00	\$100,800.00	-	\$0.00	24.00	\$100,800.00	-	\$0.00	-	\$0.00	-	\$100,800.00	100%	\$0.00
140	Manhole Drop Section	4	Each	\$1,800.00	\$7,200.00	-	\$0.00	4.00	\$7,200.00	-	\$0.00	-	\$0.00	-	\$7,200.00	100%	\$0.00
141	Sanitary Sewer Cleanout Assembly	2	Each	\$475.00	\$950.00	-	\$0.00	2.00	\$950.00	-	\$0.00	-	\$0.00	-	\$950.00	100%	\$0.00
142	Additional Vertical Feet Manhole	17	VF	\$160.00	\$2,784.00	-	\$0.00	17.40	\$2,784.00	-	\$0.00	-	\$0.00	-	\$2,784.00	100%	\$0.00
143	Connect to Existing Sanitary Sewer Pipe	39	Each	\$650.00	\$25,350.00	-	\$0.00	39.00	\$25,350.00	-	\$0.00	-	\$0.00	-	\$25,350.00	100%	\$0.00
144	Sanitary Sewer Point Repair	1	Each	\$3,500.00	\$3,500.00	-	\$0.00	1.00	\$3,500.00	-	\$0.00	-	\$0.00	-	\$3,500.00	100%	\$0.00
145	Adjustment of Manhole and Cover	25	Each	\$275.00	\$6,875.00	-	\$0.00	25.00	\$6,875.00	-	\$0.00	-	\$0.00	-	\$6,875.00	100%	\$0.00
146	Tracer Wire - Sanitary	5,416	LF	\$0.30	\$1,624.80	-	\$0.00	5,507.00	\$1,652.10	-	\$0.00	-	\$0.00	-	\$1,652.10	102%	\$27.30
SURFACING																	
147	Water For Granular Material	236	MGal	\$22.00	\$5,192.00	104.35	\$2,295.78	75.21	\$1,654.66	21.64	\$476.12	48.79	\$1,073.43		\$5,500.00	106%	\$308.00
148	Base Course	19,700	Ton	\$17.50	\$344,750.00	9,295.40	\$162,669.53	6,698.95	\$117,231.71	1,923.32	\$33,658.08	4,346.62	\$76,065.92		\$389,625.25	113%	\$44,875.25
149	Base Course, Salvaged, Asphalt Mix, 4" Depth	23,580	SY	\$3.55	\$83,709.00	1,403.53	\$4,982.54	924.01	\$3,280.24	277.09	\$983.68	775.36	\$2,752.54		\$11,999.00	14%	-\$71,710.00
150	Subbase Foundation Aggregate	1,973	Ton	\$22.50	\$44,392.50	626.05	\$14,086.22	451.12	\$10,150.15	129.95	\$2,923.92	292.88	\$6,589.72		\$33,750.00	76%	-\$10,642.50
151	Asphalt Concrete	27,956	SY	\$25.50	\$712,878.00	13,119.20	\$334,539.60	7,415.20	\$189,087.60	2,232.92	\$56,939.39	5,758.14	\$146,832.59		\$727,399.18	102%	\$14,521.18
152	Asphalt Concrete Sampling and Testing	21	Each	\$850.00	\$17,850.00	8.77	\$7,454.50	6.41	\$5,448.50	1.84	\$1,564.00	3.98	\$3,383.00		\$17,850.00	100%	\$0.00
153	PCC Approach Pavement, 6" Thick	1,858	SqYd	\$68.00	\$126,344.00	458.59	\$31,184.12	176.25	\$11,985.31	377.47	\$25,667.83	1,005.69	\$68,386.74		\$137,224.00	109%	\$10,880.00
154	Reinforced PCC Approach Pavement, 6" Thick	280	SqYd	\$77.00	\$21,560.00	67.21	\$5,175.44	28.27	\$2,176.52	75.92	\$5,845.93	169.60	\$13,059.11		\$26,257.00	122%	\$4,697.00
155	Concrete Fillet Section, 6" Thick	482	SqYd	\$105.00	\$50,610.00	-	\$0.00	-	\$0.00	524.00	\$55,020.00	-	\$0.00		\$55,020.00	109%	\$4,410.00
156	Concrete Curb & Gutter	11,845	Ft	\$15.50	\$183,597.50	1,829.06	\$28,350.42	829.59	\$12,858.65	611.38	\$9,476.44	9,187.97	\$142,413.49		\$193,099.00	105%	\$9,501.50
157	Concrete Valley Gutter, 6" Thick	348	SqYd	\$95.00	\$33,060.00	-	\$0.00	-	\$0.00	358.00	\$34,010.00	-	\$0.00		\$34,010.00	103%	\$950.00
158	Concrete Steps	51	SqYd	\$30.00	\$1,530.00	18.50	\$555.00	-	\$0.00	-	\$0.00	18.50	\$555.00		\$1,110.00	73%	-\$420.00
159	4" Concrete Sidewalk	17,840	SqFt	\$7.60	\$135,584.00	3,324.70	\$25,267.74	1,944.24	\$14,776.22	4,239.86	\$32,222.94	9,033.20	\$68,652.30		\$140,919.20	104%	\$5,335.20
160	6" Concrete Sidewalk	4,937	SqFt	\$8.00	\$39,496.00	910.88	\$7,287.00	605.51	\$4,844.07	945.57	\$7,564.57	2,833.04	\$22,664.36		\$42,360.00	107%	\$2,884.00
161	Concrete Sampling and Testing	20	Each	\$200.00	\$4,000.00	2.75	\$549.00	1.50	\$300.00	3.74	\$747.00	7.02	\$1,404.00		\$3,000.00	75%	-\$1,000.00
162	Type B Detectable Warnings	840	SqFt	\$40.00	\$33,600.00	154.12	\$6,164.85	91.58	\$3,663.36	184.65	\$7,385.97	433.65	\$17,345.83		\$34,560.00	103%	\$960.00
ADDED BID ITEMS																	
163	10"x4" Sanitary Sewer Service Connection	4	Each	\$375.00	\$1,500.00	-	\$0.00	3.00	\$1,125.00	-	\$0.00	-	\$0.00	-	\$1,125.00	75%	-\$375.00
164	12"x4" Sanitary Sewer Service Connection	7	Each	\$475.00	\$3,325.00	-	\$0.00	9.00	\$4,275.00	-	\$0.00	-	\$0.00	-	\$4,275.00	129%	\$950.00
Original Contract Totals					\$4,854,399.55		\$1,960,531.14		\$1,034,752.68		\$636,758.04		\$1,175,380.77	\$0.00	\$4,807,422.63		-\$46,776.92

Change Order #3 - Final Adjustment of Quantities

Owner: City of Madison, SD
 Engineer: Banner Associates, Inc.
 Contractor: J & Earth Works, Inc.
 Project: City of Madison Water System Improvements Phase 1B - Bid Schedule 3
 Contract: Base Bid, Bid Alternate 1 and Bid Alternate 2

Owner's Project No.:
 Engineer's Project No.: 22831.00
 Contractor's Project No.:

																Application Date: 09/30/24	
A	B	C	D	E	F	G1	H1	G2	H2	G3	H3	G4	H4	I	J	K	L
Item No.	Description	Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G1) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G2) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G3) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G4) (\$)				
Change Orders																	
CHANGE ORDER #1 - Sanitary Sewer Extension on N West Avenue - Not Eligible for RD Funding																	
1	Mobilization, Bonds and Insurance	1	LS	\$29,085.77	\$29,085.77	0.25	\$7,366.34	0.16	\$4,534.71	0.13	\$3,690.87	0.46	\$13,493.85		\$29,085.77	100%	\$0.00
2	Traffic Control Signs	71.5	SqFt	\$2.00	\$143.00	17.88	\$35.75	10.73	\$21.45	10.01	\$20.02	\$2.89	\$65.78		\$143.00	100%	\$0.00
4	Type 2 Barricade	2	Each	\$15.00	\$30.00	0.50	\$7.56	0.30	\$4.50	0.29	\$4.39	0.90	\$13.54		\$30.00	100%	\$0.00
6	Type 3 Barricade - 8 Ft. Single-Sided	11	Each	\$30.00	\$330.00	2.78	\$83.41	1.66	\$49.92	1.59	\$47.60	4.97	\$149.06		\$330.00	100%	\$0.00
9	Placing Contractor Furnished Topsoil	49	CuYd	\$34.00	\$1,666.00	15.92	\$541.38	2.45	\$83.30	7.38	\$251.03	23.24	\$790.29		\$1,666.00	100%	\$0.00
10	Seeding	37	Lb	\$16.00	\$592.00	12.02	\$192.35	1.85	\$29.60	5.59	\$89.36	17.54	\$280.68		\$592.00	100%	\$0.00
11	Fertilizing	32	Lb	\$2.30	\$73.60	10.40	\$23.91	1.60	\$3.68	4.83	\$11.11	15.17	\$34.90		\$73.60	100%	\$0.00
12	Weed Control	581	SqYd	\$0.10	\$58.10	188.77	\$18.88	29.05	\$2.91	87.67	\$8.77	275.51	\$27.55		\$58.10	100%	\$0.00
13	Hydro-Mulching	0.3	Ton	\$4,800.00	\$1,440.00	0.10	\$466.43	0.02	\$72.00	0.05	\$231.65	0.14	\$669.91		\$1,440.00	100%	\$0.00
14	Temporary Seeding	3.7	Lb	\$25.00	\$92.50	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$92.50
15	Erosion Control Blanket	117	SqYd	\$2.60	\$304.20	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$304.20
16	Inlet Protection	2	Each	\$75.00	\$150.00	0.64	\$47.84	0.10	\$7.50	0.43	\$32.23	0.83	\$62.43		\$150.00	100%	\$0.00
19	Manhole Construction Plate Marker	1	Each	\$125.00	\$125.00	0.33	\$41.01	0.05	\$6.25	0.17	\$20.73	0.46	\$57.01		\$125.00	100%	\$0.00
20	Clear and Grub Tree	2	Each	\$1,150.00	\$2,300.00	0.33	\$375.19	0.05	\$57.50	0.17	\$191.19	0.46	\$526.13		\$1,150.00	50%	-\$1,150.00
21	Remove Concrete Curb and Gutter	385	LF	\$5.50	\$2,117.50	56.32	\$309.76	25.74	\$141.57	18.66	\$102.64	284.28	\$1,563.53		\$2,117.50	100%	\$0.00
23	Remove Concrete Pavement	100	SqYd	\$7.00	\$700.00	23.69	\$165.81	8.32	\$58.21	19.67	\$137.66	48.33	\$338.32		\$700.00	100%	\$0.00
24	Remove Concrete Sidewalk	95	SqYd	\$6.50	\$617.50	5.31	\$34.51	3.24	\$21.06	6.62	\$43.03	14.83	\$96.40		\$617.50	32%	-\$422.50
26	Saw Existing Asphalt	165	LF	\$5.00	\$825.00	68.44	\$342.20	38.98	\$194.89	10.21	\$51.06	47.37	\$236.85		\$825.00	100%	\$0.00
27	Saw Existing Concrete	170	LF	\$5.50	\$945.00	10.15	\$55.81	5.39	\$29.65	14.20	\$78.12	25.26	\$138.91		\$945.00	32%	-\$632.50
34	Unclassified Excavation	610	CuYd	\$9.75	\$5,947.50	254.92	\$2,485.44	84.46	\$823.46	50.30	\$490.46	220.32	\$2,148.14		\$5,947.50	100%	\$0.00
35	Unclassified Excavation, Digsouts	60	CuYd	\$10.50	\$630.00	25.08	\$263.32	8.30	\$87.19	4.94	\$51.90	21.68	\$227.59		\$630.00	100%	\$0.00
36	Scarify and Recompact Subgrade	1,430	SqYd	\$0.85	\$1,215.50	600.51	\$510.44	195.58	\$166.24	113.74	\$96.68	520.17	\$442.14		\$1,215.50	100%	\$0.00
37	Compaction - Moisture/Density Tests	10	Each	\$150.00	\$1,500.00	4.18	\$627.01	1.38	\$207.54	0.82	\$123.38	3.61	\$542.06		\$1,500.00	100%	\$0.00
38	Water For Embankment	6.1	Mgal	\$35.00	\$213.50	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$213.50
39	Full Depth Reclamation	1,280	SqYd	\$1.30	\$1,664.00	538.53	\$700.09	174.24	\$226.51	100.27	\$130.34	466.97	\$607.06		\$1,664.00	100%	\$0.00
40	Salvage and Stockpile Asphalt Mix and Granular Base Material	1,280	SqYd	\$3.35	\$4,288.00	538.53	\$1,804.07	174.24	\$583.69	100.27	\$335.89	466.97	\$1,564.35		\$4,288.00	100%	\$0.00
127	Remove Sanitary Sewer Manhole	1	Each	\$375.00	\$375.00	-	\$0.00	1.00	\$375.00	-	\$0.00	-	\$0.00		\$375.00	100%	\$0.00
129	4" Dia Gravity Sewer Pipe	280	LF	\$31.00	\$8,680.00	-	\$0.00	280.00	\$8,680.00	-	\$0.00	-	\$0.00		\$8,680.00	100%	\$0.00
131	8" Dia Gravity Sewer Pipe	65	LF	\$57.00	\$3,705.00	-	\$0.00	60.00	\$3,420.00	-	\$0.00	-	\$0.00		\$3,420.00	92%	-\$285.00
132	10" Dia Gravity Sewer Pipe	6	LF	\$67.00	\$402.00	-	\$0.00	6.00	\$402.00	-	\$0.00	-	\$0.00		\$402.00	100%	\$0.00
133	12" Dia Gravity Sewer Pipe	314	LF	\$76.00	\$23,864.00	-	\$0.00	314.00	\$23,864.00	-	\$0.00	-	\$0.00		\$23,864.00	100%	\$0.00
164	12"x4" Sanitary Sewer Service Connection	8	Each	\$325.00	\$2,600.00	-	\$0.00	8.00	\$2,600.00	-	\$0.00	-	\$0.00		\$2,600.00	100%	\$0.00
139	48" Dia Sanitary Sewer Manhole	1	Each	\$4,200.00	\$4,200.00	-	\$0.00	1.00	\$4,200.00	-	\$0.00	-	\$0.00		\$4,200.00	100%	\$0.00
140	Manhole Drop Section	1	Each	\$1,800.00	\$1,800.00	-	\$0.00	1.00	\$1,800.00	-	\$0.00	-	\$0.00		\$1,800.00	100%	\$0.00
143	Connect to Existing Sanitary Sewer Pipe	3	Each	\$300.00	\$900.00	-	\$0.00	3.00	\$900.00	-	\$0.00	-	\$0.00		\$900.00	100%	\$0.00
145	Adjustment of Manhole and Cover	1	Each	\$275.00	\$275.00	-	\$0.00	1.00	\$275.00	-	\$0.00	-	\$0.00		\$275.00	100%	\$0.00
146	Tracer Wire - Sanitary	665	LF	\$0.30	\$199.50	-	\$0.00	660.00	\$198.00	-	\$0.00	-	\$0.00		\$198.00	99%	-\$1.50
147	Water For Granular Material	13	MGal	\$22.00	\$286.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$286.00
148	Base Course	1,060	Ton	\$17.50	\$18,550.00	442.55	\$7,744.67	318.94	\$5,581.38	91.57	\$1,602.46	206.94	\$3,621.49		\$18,550.00	100%	\$0.00
150	Subbase Foundation Aggregate	106	Ton	\$22.50	\$2,385.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00		\$0.00	0%	-\$2,385.00
151	Asphalt Concrete	1,270	SY	\$25.50	\$32,385.00	539.10	\$13,747.05	382.97	\$9,765.86	100.29	\$2,557.48	258.63	\$6,595.11		\$32,385.00	101%	\$280.50
152	Asphalt Concrete Sampling and Testing	1	Each	\$850.00	\$850.00	0.42	\$354.98	0.31	\$259.45	0.09	\$74.48	0.19	\$161.10		\$850.00	100%	\$0.00
153	PCC Approach Pavement, 6" Thick	101	SqYd	\$68.00	\$6,868.00	22.72	\$1,545.30	8.73	\$593.92	18.71	\$1,271.94	49.84	\$3,388.84		\$6,800.00	99%	-\$68.00
156	Concrete Curb & Gutter	385	Ft	\$15.50	\$5,967.50	56.52	\$876.14	25.64	\$397.38	18.89	\$292.86	283.94	\$4,401.12		\$5,967.50	100%	\$0.00
159	4" Concrete Sidewalk	845	SqFt	\$7.60	\$6,422.00	47.70	\$362.49	27.89	\$211.98	60.82	\$462.26	129.59	\$984.87		\$6,000.00	31%	-\$4,000.00
161	Concrete Sampling and Testing	2	Each	\$200.00	\$400.00	0.37	\$73.20	0.20	\$40.00	0.50	\$99.60	0.94	\$187.20		\$400.00	100%	\$0.00
162	Type B Detectable Warnings	40	SqFt	\$40.00	\$1,600.00	2.85	\$114.16	1.70	\$67.84	3.42	\$136.78	8.03	\$321.22		\$640.00	40%	-\$960.00
Change Order Totals					\$179,757.67		\$41,316.51		\$71,045.14		\$12,737.98		\$43,737.44	\$0.00	\$168,837.07		-\$10,920.60
Original Contract and Change Orders																	
Project Totals				\$5,033,957.22		\$2,001,847.65		\$1,105,797.82		\$649,496.02		\$1,219,118.21	\$0.00	\$4,976,259.70		-\$57,697.52	

CHANGE ORDER NO.: 1

Owner:	City of Madison	Owner's Project No.:	NA
Engineer:	Banner Associates, Inc.	Engineer's Project No.:	23124.00.20
Contractor:	Kesteloot	Contractor's Project No.:	NA
Project:	Park Creek Walls Improvements – Site 1 and Site 3		
Contract Name:	Unit Price Bid Schedule		
Date Issued:	10/16/2024	Effective Date of Change Order:	10/21/2024

The Contract is modified as follows upon execution of this Change Order:

Description:

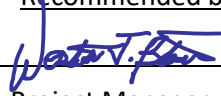
Remove the top of the existing reinforced wall section for approximately 40LF, add insulation at the foundation of the church and install additional riprap. Refer to RFP #2.

Attachments:

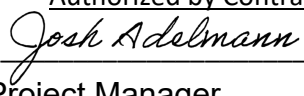
RFP #2 Response from Kesteloot, Typical Wall Section, Location Map

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ <u>1,898,113.00</u>	Original Contract Times: Substantial Completion: <u>Sept. 1, 2024</u> Ready for final payment: <u>Oct. 1, 2024</u>
[Increase] [Decrease] from previously approved Change Orders No. 1 to No.: N/A \$ <u>0</u>	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order]: Substantial Completion: <u>NA</u> Ready for final payment: <u>NA</u>
Contract Price prior to this Change Order: \$ <u>1,898,113.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>Sept. 1, 2024</u> Ready for final payment: <u>Oct. 1, 2024</u>
Increase this Change Order: \$ <u>83,921.95</u>	[Increase] [Decrease] this Change Order: Substantial Completion: <u>14 working days</u> Ready for final payment: <u>14 working days</u>
Contract Price incorporating this Change Order: \$ <u>1,982,034.95</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>Sept. 19, 2024</u> Ready for final payment: <u>Oct. 21, 2024</u>

Recommended by Engineer (if required)

By: 
 Title: Project Manager
 Date: 10/16/2024

Authorized by Contractor

By: 
 Title: Project Manager
 Date: 10/16/2024

Authorized by Owner

By: _____
 Title: _____
 Date: _____

Approved by Funding Agency (if applicable)

By: _____
 Title: _____
 Date: _____

REQUEST FOR PROPOSAL (RFP)

RFP# 2

DATE: 8/28/2024

TO: **Kesteloot Excavation and
Dirt Work Services**

FROM: **Banner Associates, Inc.**

Attn: Josh Adelman

RE: **Madison Park Creek Walls – Site 1 and Site 3
BAI #23124.00**

Please submit an itemized cost breakdown for changes in contract sum and contract time, resulting from the following proposed modification(s) to the Contract Documents.

PLEASE SUBMIT COST BREAKDOWN IN TEN (10) DAYS OR LESS

Refer to RFI No. NA

SUBJECT: **EXISTING WALL AND RIPRAP AT CHURCH CORNER – Site 3**

Price shall include all labor, tools, equipment, overhead costs, and miscellaneous work to complete the work associated with this request including, but not limited to, excavation and back fill including compaction, removal of existing wall and any rebar to depth needed to install riprap, and installation of insulation panel and cushioning shown on the drawings. All material and work shall comply with the project specifications. Submit all necessary pricing as a Lump Sum cost with a schedule of values to complete the requested scope of work.

Attachments: C-200(R)

S-401(R)

If no change in contract time, state “none” here:

If no change in contract amount, state “none” here:

If either or both above items are noted “none”, please return this form within five (5) days.

ARCHITECT/ENGINEER
BANNER ASSOCIATES, INC.



Weston Blasius, PE

cc:

City of Madison – Ryan Hegg, Dan Whitlock

Banner Associates –Todd Schultz, Cedric Hay, Rodney Francis

THE CITY OF
MADISON

Discover the Unexpected

Finance Update

SEPTEMBER - 2024

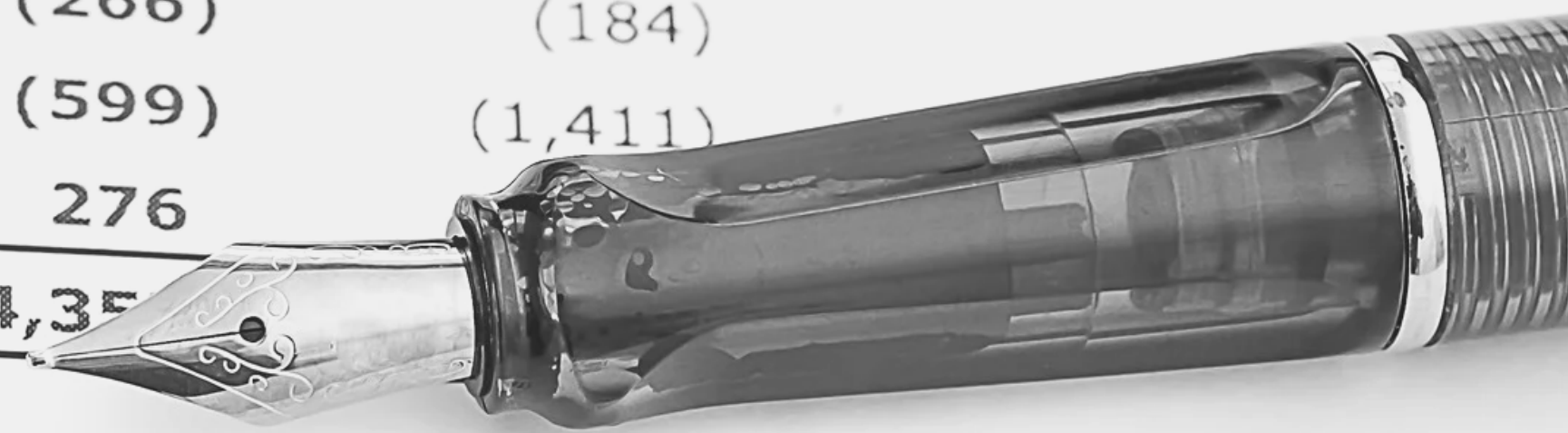


• NOTES

- Update covers YTD (through September of 2024)
- 75 % of the Year
- 2022 Audit is Complete and a corrective action plan is in place.
- We will be scheduling the 2023 audit on October 24th.



	176	216	(266)	(184)
	394	(500)	(599)	(1,411)
es	156	283	276	
ons	<u>5,862</u>	<u>4,186</u>	<u>14,35</u>	



● Cash on Hand

- General Cash - \$12.66 million total
 - Investments – \$8.82 million
 - Checking - \$2.55 million
 - Money Market - \$1.04 million
 - Other - \$257 thousand
- Restricted Cash - \$619 thousand

● REVENUE GUIDELINES

Fund	Description	Revenue 2024			% of Budget
		Budget	September	YTD	
101	General Fund	\$ 18,174,689	\$ 1,049,970	\$ 6,464,096	35.6%
211	Lodging & Entertainment Tax	\$ 351,730	\$ 62,968	\$ 281,524	80.0%
213	2nd Cent Sales Tax	\$ 4,375,000	\$ 162,280	\$ 1,782,242	40.7%
214	Business Improvement District Bid	\$ 49,500	\$ 9,004	\$ 45,574	92.1%
220	Special Maintenance Fee	\$ 360,000	\$ 5,885	\$ 152,332	42.3%
303	Tax Increment District #2	\$ 60,000	\$ -	\$ 22,640	37.7%
307	Tax Increment District #3	\$ -	\$ -	\$ -	0.0%
312	Swimming Pool Debt	\$ -	\$ 139	\$ 194	0.0%
517	Creek - Bridge Mitigation	\$ 3,980,400	\$ -	\$ -	0.0%
518	City Hall Construction	\$ 6,000,000	\$ -	\$ -	0.0%
519	Electric Transformer Upgrade	\$ 2,400,000	\$ -	\$ -	0.0%
602	Water Fund	\$ 11,310,839	\$ 926,482	\$ 4,573,542	40.4%
603	Electric Fund	\$ 18,606,027	\$ 1,013,533	\$ 8,663,395	46.6%
604	Sewer Fund	\$ 7,367,757	\$ 463,831	\$ 2,876,859	39.0%
612	Solid Waste Fund	\$ 521,151	\$ 44,536	\$ 404,800	77.7%
620	Community Center	\$ 1,000,397	\$ 77,031	\$ 638,434	63.8%
621	After School / Youth Program	\$ 177,195	\$ 6,190	\$ 141,320	79.8%
TOTAL		\$ 74,734,686	\$ 3,821,848	\$ 26,046,952	34.9%

● EXPENDITURE GUIDELINES

Fund	Description	Expense 2024			% of Budgeted
		Budget	September	YTD	
101	General Fund	\$ 18,174,689	\$ 1,650,306	\$ 8,381,892	46.1%
211	Lodging & Entertainment Tax	\$ 351,730	\$ -	\$ 177,075	50.3%
213	2nd Cent Sales Tax	\$ 4,375,000	\$ -	\$ 109,278	2.5%
214	Business Improvement District Bid	\$ 49,500	\$ -	\$ 6,398	12.9%
220	Special Maintenance Fee	\$ 360,000	\$ -	\$ 4,000	1.1%
303	Tax Increment District #2	\$ 60,000	\$ -	\$ 22,640	37.7%
307	Tax Increment District #3	\$ -	\$ -	\$ -	0.0%
312	Swimming Pool Debt	\$ -	\$ -	\$ -	0.0%
517	Creek - Bridge Mitigation	\$ 3,980,400	\$ 1,959	\$ 482,762	12.1%
518	City Hall Construction	\$ 6,000,000	\$ 1,218,131	\$ 6,400,429	106.7%
519	Electric Transformer Upgrade	\$ 2,400,000	\$ -	\$ -	0.0%
602	Water Fund	\$ 11,310,839	\$ 1,571,126	\$ 6,485,636	57.3%
603	Electric Fund	\$ 18,606,027	\$ 1,206,200	\$ 8,974,035	48.2%
604	Sewer Fund	\$ 7,367,757	\$ 578,368	\$ 3,725,198	50.6%
612	Solid Waste Fund	\$ 521,151	\$ 41,220	\$ 334,407	64.2%
620	Community Center	\$ 1,000,397	\$ 64,237	\$ 716,644	71.6%
621	After School / Youth Program	\$ 177,195	\$ 8,548	\$ 152,531	86.1%
TOTAL		\$ 74,734,686	\$ 6,340,095	\$ 35,972,925	48.1%

● BY FUND – SEPTEMBER 2024

Profit or Loss September 2024				
Fund	Description	MTD Revenue	MTD Expense	MTD Profit or Loss
101	General Fund	\$ 1,049,970	\$ 1,650,306	\$ (600,337)
211	Lodging & Entertainment Tax	\$ 62,968	\$ -	\$ 62,968
213	2nd Cent Sales Tax	\$ 162,280	\$ -	\$ 162,280
214	Business Improvement District Bid	\$ 9,004	\$ -	\$ 9,004
220	Special Maintenance Fee	\$ 5,885	\$ -	\$ 5,885
303	Tax Increment District #2	\$ -	\$ -	\$ -
307	Tax Increment District #3	\$ -	\$ -	\$ -
312	Swimming Pool Debt	\$ 139	\$ -	\$ 139
517	Creek - Bridge Mitigation	\$ -	\$ 1,959	\$ (1,959)
518	City Hall Construction	\$ -	\$ 1,218,131	\$ (1,218,131)
519	Electric Transformer Upgrade	\$ -	\$ -	\$ -
602	Water Fund	\$ 926,482	\$ 1,571,126	\$ (644,644)
603	Electric Fund	\$ 1,013,533	\$ 1,206,200	\$ (192,667)
604	Sewer Fund	\$ 463,831	\$ 578,368	\$ (114,537)
612	Solid Waste Fund	\$ 44,536	\$ 41,220	\$ 3,316
620	Community Center	\$ 77,031	\$ 64,237	\$ 12,793
621	After School / Youth Program	\$ 6,190	\$ 8,548	\$ (2,357)
TOTAL		\$ 3,821,848	\$ 6,340,095	\$ (2,518,246)

● BY FUND – YTD 2024

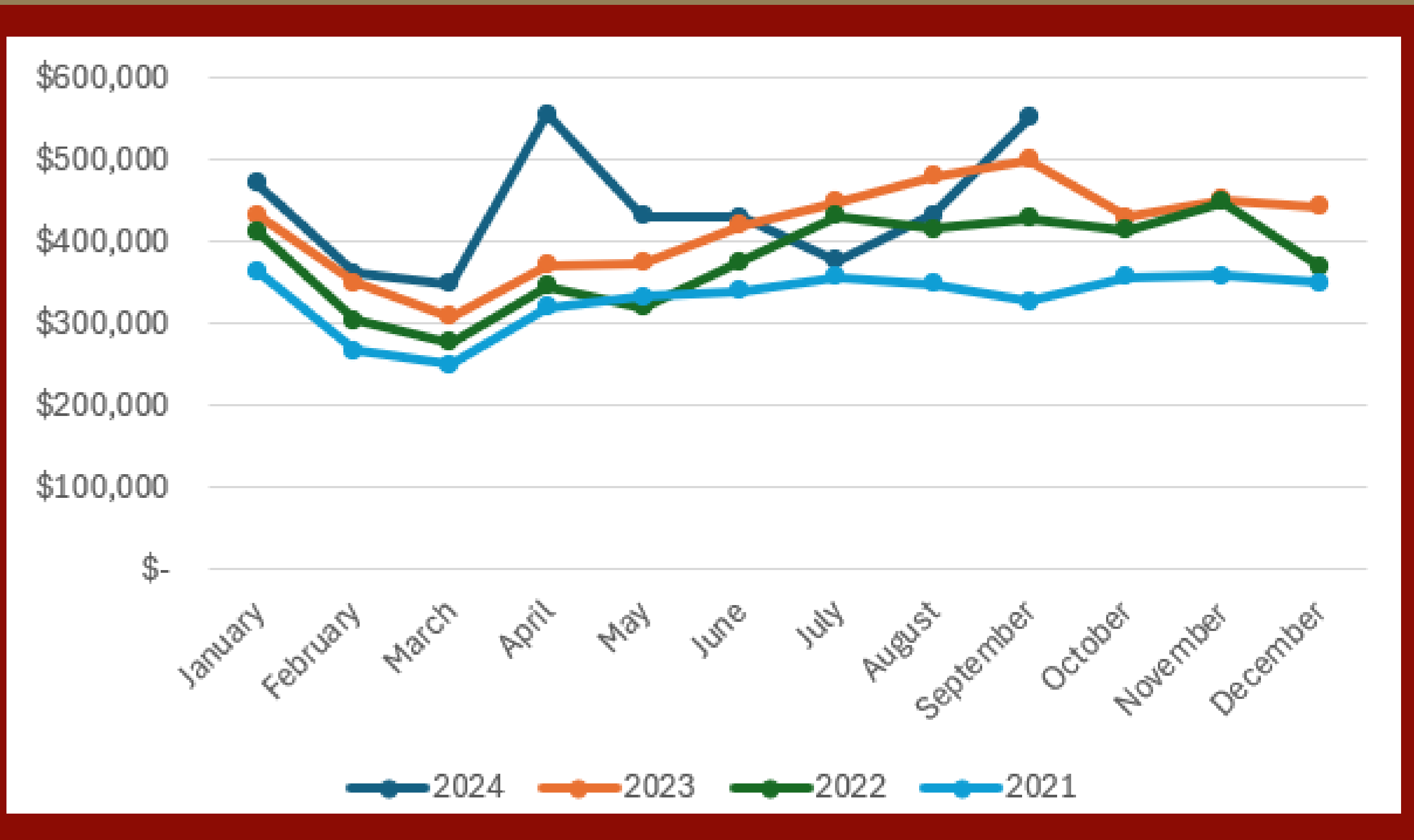
Profit or Loss 2024				
Fund	Description	YTD Revenue	YTD Expense	YTD Profit or Loss
101	General Fund	\$ 6,464,096	\$ 8,381,892	\$ (1,917,796)
211	Lodging & Entertainment Tax	\$ 281,524	\$ 177,075	\$ 104,449
213	2nd Cent Sales Tax	\$ 1,782,242	\$ 109,278	\$ 1,672,964
214	Business Improvement District Bid	\$ 45,574	\$ 6,398	\$ 39,176
220	Special Maintenance Fee	\$ 152,332	\$ 4,000	\$ 148,332
303	Tax Increment District #2	\$ 22,640	\$ 22,640	\$ -
307	Tax Increment District #3	\$ -	\$ -	\$ -
312	Swimming Pool Debt	\$ 194	\$ -	\$ 194
517	Creek - Bridge Mitigation	\$ -	\$ 482,762	\$ (482,762)
518	City Hall Construction	\$ -	\$ 6,400,429	\$ (6,400,429)
519	Electric Transformer Upgrade	\$ -	\$ -	\$ -
602	Water Fund	\$ 4,573,542	\$ 6,485,636	\$ (1,912,094)
603	Electric Fund	\$ 8,663,395	\$ 8,974,035	\$ (310,640)
604	Sewer Fund	\$ 2,876,859	\$ 3,725,198	\$ (848,338)
612	Solid Waste Fund	\$ 404,800	\$ 334,407	\$ 70,392
620	Community Center	\$ 638,434	\$ 716,644	\$ (78,210)
621	After School / Youth Program	\$ 141,320	\$ 152,531	\$ (11,210)
TOTAL		\$ 26,046,952	\$ 35,972,925	\$ (9,925,973)



● Sales Tax

Sales Tax					
	% increase	2024	2023	2022	2021
January	8.98%	\$ 471,571	\$ 432,730	\$ 413,511	\$ 363,683
February	3.36%	\$ 361,999	\$ 350,238	\$ 303,973	\$ 266,609
March	12.90%	\$ 347,846	\$ 308,016	\$ 277,186	\$ 249,942
April	49.99%	\$ 556,545	\$ 371,022	\$ 346,336	\$ 319,443
May	15.41%	\$ 431,766	\$ 374,131	\$ 320,367	\$ 332,281
June	2.25%	\$ 429,961	\$ 420,501	\$ 376,298	\$ 340,042
July	-15.91%	\$ 376,990	\$ 448,323	\$ 431,753	\$ 356,358
August	-9.84%	\$ 433,097	\$ 480,355	\$ 416,258	\$ 348,686
September	10.45%	\$ 551,973	\$ 499,767	\$ 428,928	\$ 327,199
October			\$ 430,674	\$ 414,971	\$ 356,475
November			\$ 451,510	\$ 448,293	\$ 359,135
December			\$ 442,683	\$ 370,263	\$ 350,198
Total		\$ 3,961,748	\$ 5,009,950	\$ 4,548,137	\$ 3,970,051

● Sales Tax Graph





Membership Benefits

Loss Control / Training

Members of the SDPAA enjoy free Loss Control Surveys performed by safety professionals every three years. Compliance with these Surveys can translate into Loss Control credits which are applied to your contributions to the SDPAA.

Members enjoy free access to online training via NeoGov for virtually any topic that you can imagine. And if the topic you're looking for isn't currently featured, we will work with NeoGov to find the training you're looking for.

Members with Law Enforcement coverage with the SDPAA also enjoy access to training and sample policies/procedures available through our partnership with LLRMI. Attorneys and experts at LLRMI are constantly developing and updating sample policies and procedures, with training that is focused on our SD Law Enforcement Agencies. These policies are tailored to SD exposures.

Members with Law Enforcement coverage with the SDPAA also enjoy access to Quarterly Jail Summits, and free Jail Training offered through our Partnerships with LLRMI and Safety Benefits.

Members have full access to sample policies and documents prepared by the SDPAA.

Members enjoy free or discounted training opportunities provided by our Loss Control Partner, Safety Benefits, Inc.

The SDPAA has partnered with Dakota State University (DSU) to provide a cyber security assessment to our Members. Members will work with DSU directly to determine what, if any vulnerabilities exist within a system, and then review plans for the best remedies for resolving current issues and avoiding future ones!

Property Evaluations

Members of the SDPAA receive free property evaluations every five years. These evaluations help to confirm that the appropriate coverages are provided for the real property owned by the Members.



More Membership Benefits

Employment and Government Practices Hotline

Members of the SDPAA have access to the Employment Practices Hotline, which helps to mitigate the potential impact from employment-related situations. By calling the hotline prior to engaging in an employment related decision will help ensure that the Employment Practices Deductible is waived.

The Government Practices Hotline is available to all Members of the SDPAA to assist in answering a variety of questions that our Members are facing.

These hotlines are intended to be used by our local counsel as a resource for navigating various matters. The hotlines are not intended to replace local counsel. Hotline services are available to Member entities only, and not available as an employee level benefit.

Credits

Qualifying Members receive distribution credits each year via their participation in loss control programs and renewal processes. Credits are evaluated yearly and are clearly posted on your invoice.

Member Services

Each Member receives a personal visit by the SDPAA Member Services team (on a regular basis) to review all the coverages currently held by the Member and to discuss any concerns or suggestions for providing Members the most appropriate coverages at competitive rates. Member Services is also available to assist with answering questions that arise at any time. We pride ourselves on our exceptional customer service and strive to continue to provide extraordinary service to every Member with every contact. Member Portals are coming soon!



Thank You!

