



Diversion Authority Board Meeting
AGENDA
3:30 P.M. - Thursday, May 28, 2020
Virtual Meeting

Permanent, Reliable Flood Protection

1. Call to order
2. Approve minutes from previous meeting (ACTION)
3. Approve order of Agenda (ACTION)

CONSENT AGENDA – APPROVE THE FOLLOWING:

1. Financial Report [Attachment 01] (ACTION)
2. Voucher Approval (ACTION)
3. Secretary for the Diversion Authority [Attachment 02] (ACTION)

REGULAR AGENDA:

4. Executive Director Report
5. USACE Project Update
6. General Counsel Update
 - a. P3 Schedule Update
7. Public Outreach
8. Land Management
 - a. Farmstead Re-establishment [Attachment 03] (ACTION)
9. Finance
 - a. DA Board Approval Contract Actions (ACTION)
 - i. HMG – Task Order 26, Amendment 4 [Attachment 04]
Work-In-Kind SEAI \$305,500
 - b. Program Budget Status
 - c. Oak Grove Amendment [Attachment 05] (ACTION)
10. Other Business
11. Next Meeting: June 25, 2020
12. Adjournment

Meeting Documents are available at www.FMDiversion.gov

Media and Public Participation Information

There are multiple ways to attend or watch this public meeting.

- View the Meeting on Fargo TV or at www.TVFargo.com
- View the Meeting on the City of Fargo's Facebook or Twitter feed.
- View the Meeting at FMDiversion.com/Meeting
- View the Meeting at [Twitter.com/FMDiversion](https://twitter.com/FMDiversion)
- Listen to the meeting by calling the free conference call number
 - o Call in number: 1-855-209-1113
 - o Conference Code: 235-039-8866

**METRO FLOOD DIVERSION AUTHORITY
APRIL 23, 2020—3:30 PM**

1. MEETING TO ORDER

A virtual meeting of the Metro Flood Diversion Authority was held Thursday, April 23, 2020, at 3:30 PM with the following members present via telephone or videoconference: Fargo City Mayor Tim Mahoney; Fargo City Commissioner Tony Grindberg; Moorhead City Mayor Johnathan Judd; Moorhead City Council Member Chuck Hendrickson; Moorhead City Council Member Shelly Carlson; Cass County Commissioner Mary Scherling; Cass County Commissioner Chad Peterson; Cass County Commissioner Rick Steen; Clay County Commissioner Kevin Campbell; Clay County Commissioner Grant Weyland; and West Fargo City Commissioner Mike Thorstad. Fargo City Commissioner Dave Piepkorn and Cass County Joint Water Resource District Manager Rodger Olson were absent.

2. MINUTES AND AGENDA ORDER APPROVED

MOTION, passed

Mr. Judd moved and Mr. Campbell seconded to approve the minutes from the March 26, 2020, meeting as presented and the order of the agenda. Motion carried.

3. CONSENT AGENDA APPROVED

MOTION, passed

Mr. Weyland moved and Mr. Steen seconded to approve the consent agenda as follows: On roll call vote, the motion carried unanimously.

- Receive and file the financial report for the month of March, 2020;
- Approve vouchers in the amount of \$6,000,211.21 for Cass County Joint Water Resource District (CCJWRD) for costs associated with the Metro Flood Diversion right-of-entry and land acquisitions, and OHB levee; Dorsey & Whitney for legal services; Ohnstad Twichell, P.C. for legal services; Cass County for reimbursement of Executive Director expenses; and Civil Design Inc. for professional engineering fees;
- Approve Professional Services Agreement with Watts and Associates, Inc.—services agreement to provide crop insurance product development services in the amount of \$250,000;
- Award contract for WP-43D5 – OHB Ring Levee to KPH, Inc.—contract for Hickson Main Avenue storm sewer, drainage and street reconstruction in the amount of \$1,038,423.

4. EXECUTIVE DIRECTOR REPORT

Joel Paulsen, Executive Director, said overall project expenditures to-date are \$539 million, with all FY 2020 budget categories tracking on target.

Mr. Paulsen discussed activities and achievements over the past month, which include:

- Contract savings as a result of additional companies ending sub-contracting agreements and contracting directly with the Diversion Authority, Cass County Joint Water Resource District (CCJWRD) and Moorhead Clay County Joint Powers Authority (MCCJPA);
- Held one-on-one meetings with all three P3 developers; the P3 process is still on schedule at this time, but there may eventually be some impact from the COVID-19 pandemic;
- The first virtual public meeting for the Diversion Authority will be held on April 30th to discuss the Drain 27 wetland mitigation project; Public Outreach will facilitate and advertise the meeting;
- Potential sales impacts due to COVID-19 effects are being monitored, as well as oil tax revenues for the state;

- Attention is being paid to potential federal stimulus actions for infrastructure projects;
- Gave an update on project construction and financing at a joint Business Leaders Task Force and Chamber of Commerce meeting; Mr. Paulsen was subsequently asked to present for several subsets of different groups at later dates.

5. **USACE PROJECT UPDATE**

Terry Williams, Project Manager from the Corps of Engineers, provided an update: the diversion inlet structure construction season has begun in earnest with foundation work; the Wild Rice River structure contractor plans to mobilize at the beginning of May with mostly excavation work planned for the season; the physical model of the Red River control structure will be shut down due to social distancing protocols being followed in the lab, but a computer model will still be available; final plans for the western tieback should be ready to submit to North Dakota and Minnesota for permitting in July; a sister Corps district will assist with designing a portion of the southern embankment in Minnesota, increasing design manpower; the I-29 road raise design will begin in June and the contract will most likely be awarded in 2021; the detailed design of the Drain 27 wetland mitigation project is set to begin with 35% due to be complete in August.

6. **GENERAL COUNSEL UPDATE**

WIFIA Application Approval

Attorney John Shockley provided materials in support of the Water Infrastructure Finance and Innovation Act (WIFIA) loan application through the Environmental Protection Agency (EPA). The intent was to submit the application on April 1st, but audit delays due to the COVID-19 pandemic have pushed the date back to May 1st. The delay is not substantial and the original loan closing date of January 2021 is still on schedule at this time. The estimated minimum savings of utilizing WIFIA financing is \$572 million, which is a conservative estimate.

Mr. Shockley said the Finance Committee recommended approval of the loan application. The EPA has already been reviewing a draft of the application and providing additional comments.

MOTION, passed

Mr. Grindberg moved and Mr. Steen seconded to approve Resolution Authorizing Submission of US EPA WIFIA Application. Discussion: Mr. Mahoney said heard the EPA was impressed with the project. Mr. Shockley said he believes they have been very satisfied with the Diversion Authority's presentation, materials and response, in addition to the financing whitepaper. On roll call vote, the motion carried unanimously.

Resolution for Related Engineering Services

Mr. Paulsen gave an overview of a resolution related to a number of engineering services requested from the City of Fargo for project in-kind elements for several projects. The projects are defined in the resolution and mostly pertain to coordinated efforts between Fargo infrastructure, Cass Rural Water, and Horace. The resolution allows Fargo to expend engineering resources necessary to meet the obligations and be reimbursed through the Diversion Authority in an amount not to exceed \$60,000.

MOTION, passed

Mr. Hendrickson moved and Ms. Carlson seconded to approve Resolution Requesting the City of Fargo to Undertake Engineering Services for Project In-Kind Work Elements, and Authorizing the Reimbursement of Related Engineering Costs. On roll call vote, the motion carried unanimously.

7. PUBLIC OUTREACH UPDATE*Committee report*

The Public Outreach Committee met on April 22nd. Rocky Schneider of AE2S said a 30-minute documentary on the project and the history of flooding in the area was just released by the Diversion Authority. It is airing regularly on public access television and is also available online. A second part will outline project operations and next steps.

8. LAND MANAGEMENT*Committee report*

The Land Management Committee met on April 22nd. Mrs. Scherling said there was discussion on the crop insurance development proposal, a draft of the farmstead relocation program, and the agricultural risk study recently completed by NDSU.

NDSU Agricultural Risk Study

Eric Dodds of AE2S said the Diversion Authority retained NDSU several years ago to study project impacts on agricultural production in the staging area. The study was completed and updated over the next few years. In 2019, it was acknowledged that the project had changed substantially, and the study needed to be updated again. NDSU provided two presentations on the study to the Land Management Committee, both of which are on the project website.

Mr. Dodds said an informational sheet on the results of the study was included in the agenda packet. In summary, there is a good likelihood of having some planting delays, but delays appear to be very short and very minor, primarily in the range of one to five days.

Mrs. Scherling said the study answers questions the public and ag producers have wanted information on for a long time, and she greatly appreciates being able to base policy on science and data.

Right of entry update

Mr. Judd said the MCCJPA passed a resolution to have the Moorhead City Council consider taking action to obtain rights of entries for several properties to place biological and geological markers for required environmental monitoring. The matter will be taken up by the council at their next meeting.

9. FINANCE UPDATE*Committee report*

The Finance Committee met on April 22nd. Mr. Grindberg said revisions are being made to the overall budget for presentation at the May meeting.

10. ND BUSINESS TRADE UNION PRESENTATION

Mr. Paulsen introduced Jason Ehlert, North Dakota Building Trades Unions; and Lucas Franco, Laborers' International Union of North America (LIUNA) Minnesota and North Dakota.

Mr. Ehlert and Mr. Franco gave a presentation on maximizing the socioeconomic benefits of the diversion project to address three major challenges for the area: chronic flooding, the technical skills gap, and construction industry workforce shortage.

Mr. Franco said there is enormous potential to address the technical skills gap and workforce shortage by incentivizing contractors to utilize registered apprenticeship programs. The benefits of these programs are well-documented in peer reviewed research and include creating and developing a safe and highly skilled workforce while providing individuals with family-supporting careers. The project has the potential to create 14,000 jobs. Studies show that local workers reinvest significantly higher amounts of their income locally, maximizing the return on investment in the community.

Mr. Ehlert said including a workforce initiative in the P3 could provide the maximum benefit for the community and region, while training a local workforce. In addition, more support and community buy-in could be gained with this approach.

Mr. Paulsen said he believes it would be a disservice to the community to not investigate the socioeconomic benefits of the project.

Mr. Judd said he enthusiastically supports this initiative and believes in investing in the region and its own resources and people.

Mr. Grindberg said great opportunities are presented to people through registered apprenticeship programs that could lead to professions for many people in construction, civil engineering and more.

11. NEXT MEETING DATE

The next meeting is scheduled for Thursday, May 28, 2020.

12. ADJOURNMENT

There being no further business, the meeting was adjourned at 4:30 PM.

Minutes prepared by Brielle Edwards, Cass County HR Assistant

FM Metropolitan Area Flood Risk Management Project
Fiscal Accountability Report Design Phase (Fund 790)
As of 04/30/20

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Cumulative Totals
Revenues											
City of Fargo	443,138	7,652,681	7,072,961	19,373,131	28,310,373	42,565,943	30,112,100	30,150,091	32,835,957	4,327,534	202,843,909
Cass County	443,138	7,652,681	7,072,961	19,373,131	28,310,373	115,636,848	13,925,658	14,305,401	15,637,755	821,154	223,179,100
State Water Commission	-	-	3,782,215	602,918	31,056,740	104,501,111	25,892,783	9,227,010	26,655,616	807,048	202,525,441
Other Agencies	98,475	1,700,595	1,571,769	4,305,140	6,291,194	(13,260,368)	-	-	-	-	706,805
City of Oxbow MOU Repayment	-	-	-	-	-	428,392	1,158,044	-	358,178	-	1,944,614
Reimbursements	-	-	-	-	-	33,880	44,719	27,396	22,600	-	128,595
Lease/Rental Payments	-	-	17,358	154,180	180,341	260,806	354,466	527,903	653,883	36,394	2,185,331
Asset Sales	-	-	-	616,774	315,892	175,190	114,479	-	-	-	1,222,335
Interest Income	-	-	-	-	-	-	505,157	1,246,875	1,885,896	385,930	4,023,858
Miscellaneous	-	-	226	626	427	-	2,600	356	-	-	4,235
Total Revenues	984,750	17,005,957	19,517,491	44,425,900	94,465,339	250,341,802	72,110,007	55,485,032	78,049,884	6,378,060	638,764,222
Expenditures											
7905 Army Corp Payments	-	-	875,000	1,050,000	2,725,000	47,279,000	1,230,000	-	-	-	53,159,000
7910 WIK - Administration	107,301	331,321	77,614	169,019	282,227	309,020	729,947	849,081	1,201,725	362,046	4,419,301
7915 WIK - Project Design	149,632	5,366,147	3,220,859	9,118,723	4,660,226	2,975,689	2,907,309	2,142,880	2,516,133	515,181	33,572,779
7920 WIK - Project Management	679,037	7,223,650	4,695,477	3,579,339	4,500,955	9,315,429	15,211,372	6,817,589	8,326,357	2,426,775	62,775,983
7925 WIK - Recreation	-	163,223	-	-	-	-	-	-	40,000	75,000	278,223
7930 LERRDS - North Dakota	48,664	3,843,620	2,763,404	17,013,358	55,948,209	52,472,770	38,286,144	8,114,895	30,223,861	14,429,343	223,144,268
7931 LERRDS - Minnesota	-	27,996	287,907	13,068	32,452	1,815,566	25,949	4,914	5,352	607	2,213,811
7940 WIK Mitigation - North Dakota	-	-	-	587,180	-	-	256,326	69,283	12,357	13,108	938,254
7941 WIK Mitigation - Minnesota	-	-	-	-	-	-	-	-	-	-	-
7950 Construction - North Dakota	-	-	-	1,738,638	19,269,055	43,084,726	5,267,083	4,384,090	18,183,794	466,668	92,394,054
7951 Construction - Minnesota	-	-	-	-	-	-	-	-	-	-	-
7952 Construction - O/H/B	-	-	-	11,282,504	5,044,001	791,619	10,907,637	4,111,617	369,936	12,591	32,519,907
7955 Construction Management	-	-	-	556,209	2,867,422	5,746,224	1,002,575	296,092	685,741	85,066	11,239,328
7980 Operations & Maintenance	-	-	-	-	-	6,403	28,538	41,493	35,328	-	111,762
7990 Project Financing	-	50,000	70,000	216,376	566,600	6,944,623	6,914,504	9,879,405	11,434,046	1,685,749	37,761,303
7995 Project Eligible - Off Formula Costs	-	-	-	-	-	-	-	-	-	-	-
7999 Non Federal Participating Costs	116	(0)	-	-	-	-	221,568	-	-	-	221,684
Total Expenditures	984,750	17,005,957	11,990,261	45,324,414	95,896,147	170,741,069	82,988,952	36,711,339	73,034,630	20,072,135	554,749,655

FM Metropolitan Area Flood Risk Management Project
Statement of Net Position
April 30, 2020

	<u>Amount</u>
Assets	
Cash	\$ 83,969,604
Receivables	
State Water Commission *	1,530,481
Prepaid Expense	83,107
Total assets	<u>85,583,191</u>
 Liabilities	
Retainage payable	1,562,124
Rent Deposit	6,500
Total liabilities	<u>1,568,624</u>
 NET POSITION	<u>\$ 84,014,568</u>

* Receivable balance is as of 3/31/2020

FM Metropolitan Area Flood Risk Management Project
FY 2019 Summary Budget Report (In Thousands)
As of 30 Apr 2020

	2020 Approved Budget	Current Month	Fiscal Year To Date	% Expended	Outstanding Encumbrances	Remaining Budget Balance
Revenue Sources						
City of Fargo	-	2,679	11,543			
Cass County	-	821	2,802			
State of ND - 50 % Match	-	359	7,247			
State of ND - 100% Match	-	448	5,691			
State of Minnesota	-	-	-			
Other Agencies	-	-	-			
City of Oxbow MOU Reimbursement	-	-	(122)			
Financing Proceeds	-	20	100			
Reimbursements	-	-	-			
Sales of Assets	-	-	-			
Property Income	-	14	36			
Miscellaneous	-	-	-			
Total Revenue Sources	138,559	4,341	27,297	-	-	111,261
Funds Appropriated						
Diversion Channel & Assoc. Infrastructure	7,744	1,669	2960	0%	3,285	1,499
Southern Embankment & Assoc. Infrastructure	1,373	286	539	39%	1,240	(406)
Other Mitigation Projects	2,872	27	31	1%	893	1,948
In-Town Flood Protection	24,894	2,024	2284	9%	979	21,631
Enabling Work / Other	26	-	0	0%	-	26
Land Acquisition & Mitigation	71,079	13,423	16799	24%	54,694	(414)
Engineering & Design Fees	3,135	542	1028	33%	3,852	(1,745)
Program Management	16,244	2,603	4148	26%	73,858	(61,761)
Contingency	-	-	0	0%	-	-
Debt Service	11,100	433	934	8%	918	9,248
Maintenance	90	35	35	39%	-	55
Total Appropriations	138,559	21,043	28,759	21%	139,719	(29,919)

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses
EXP-2020-04

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
790-7910-429.11-00	4/30/2020	303842	CASS COUNTY FINANCE	\$16,737.50	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Full Time Staff / Salary				\$16,737.50			
790-7910-429.20-01	4/30/2020	303842	CASS COUNTY FINANCE	\$1,465.00	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Employee Benefits / Health Insurance				\$1,465.00			
790-7910-429.20-03	4/30/2020	303842	CASS COUNTY FINANCE	\$40.00	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Employee Benefits / Dental Insurance				\$40.00			
790-7910-429.21-01	4/30/2020	303842	CASS COUNTY FINANCE	\$994.11	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Employee Benefits / FICA 6.2%				\$994.11			
790-7910-429.21-02	4/30/2020	303842	CASS COUNTY FINANCE	\$232.49	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Employee Benefits / Medicare 1.45%				\$232.49			
790-7910-429.22-07	4/30/2020	303842	CASS COUNTY FINANCE	\$2,052.02	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Employee Benefits / Retirement Diversion				\$2,052.02			
790-7910-429.25-00	4/30/2020	303842	CASS COUNTY FINANCE	\$3.90	DIRECTOR PAYROLL EXPENSES	V00106	EXECUTIVE DIRECTOR
Workers Compensation / Unemployment				\$3.90			
790-7910-429.33-20	4/24/2020	JB04200017	CITY OF FARGO-AUDITORS OFFICE	\$5,378.90	CHARGE FOR COF TIME-04/20	V00102	General & Admin. WIK
Other Services / Accounting Services				\$5,378.90			
790-7910-429.33-25	5/4/2020	792	P CARD BMO	\$76,605.97	Ohnstad Twichell PC	V00102	General & Admin. WIK
	5/4/2020	794	P CARD BMO	\$91,894.47	Ohnstad Twichell PC	V00102	General & Admin. WIK
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$50,591.73	REVERSE 2019 YEAR END AP	V00102	General & Admin. WIK
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$50,591.73	P CARD BMO	V00102	General & Admin. WIK
Other Services / Legal Services				\$168,500.44			
790-7910-429.38-68	5/4/2020	794	P CARD BMO	\$3,288.92	FREDRIKSON AND BYRON P	V00102	General & Admin. WIK
	5/4/2020	794	P CARD BMO	\$3,000.00	FREDRIKSON AND BYRON P	V00102	General & Admin. WIK
Other Services / Lobbyist				\$6,288.92			
790-7910-429.43-50	4/30/2020	303842	CASS COUNTY FINANCE	\$137.69	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
	5/6/2020	JF20171902	CITY OF FARGO-AUDITORS OFFICE	\$153,428.00	ADJ PREPAID EXPENSE	V01401	8 Year Service Agreement
	5/6/2020	JF20161901	CITY OF FARGO-AUDITORS OFFICE	-\$236,534.83	2016 PREPAID EXPENSE	V01401	8 Year Service Agreement
	5/6/2020	JF20182002	CITY OF FARGO-AUDITORS OFFICE	\$83,106.83	ADJ PREPAID EXPENSE	V01401	8 Year Service Agreement
	5/6/2020	JF20182002	CITY OF FARGO-AUDITORS OFFICE	-\$236,534.83	ADJ PREPAID EXPENSE	V01401	8 Year Service Agreement
	5/6/2020	JF20191701	CITY OF FARGO-AUDITORS OFFICE	\$153,428.00	ADJ PREPAID EXPENSE	V01401	8 Year Service Agreement

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses

EXP-2020-04

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
Repair and Maintenance / Maintenance Service Contracts				-\$82,969.14			
790-7910-429.53-20	4/30/2020	303842	CASS COUNTY FINANCE	\$58.02	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
Communications / Cellular Phone Service				\$58.02			
790-7910-429.57-60	4/30/2020	303842	CASS COUNTY FINANCE	\$395.80	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
Out of State Travel / Out of State Travel Expense				\$395.80			
790-7910-429.68-30	4/30/2020	303842	CASS COUNTY FINANCE	\$266.33	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
Miscellaneous / Meeting Incidentals				\$266.33			
790-7910-429.74-10	4/30/2020	303842	CASS COUNTY FINANCE	\$7,255.00	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
Capital Outlay / Machinery & Equipment				\$7,255.00			
790-7910-429.74-11	4/30/2020	303842	CASS COUNTY FINANCE	\$4,145.08	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
Capital Outlay / Computer Equipment				\$4,145.08			
790-7910-429.74-12	4/30/2020	303842	CASS COUNTY FINANCE	\$461.11	MISC DIRECTORS EXXPENSES	V00106	EXECUTIVE DIRECTOR
Capital Outlay / Computer Software				\$461.11			
790-7915-429.33-05	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$965.00	MOORE ENGINEERING, INC.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,050.00	MOORE ENGINEERING, INC.	V01201	Cass Joint Water ROE
	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$9,536.29	LEEVE DESIGN & SUPPORT	V01613	LEEVE DESIGN & SUPPORT
	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$95.00	DRAFT OPERATIONS PLAN	V01615	DRAFT OPERATIONS PLAN
	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$4,953.75	PERMIT SUBMITTAL PREP	V01616	PERMIT SUBMITTAL PREP
	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$83,320.23	SEAI-WIK DESIGN SERVICES	V01620	SEAI-I29 GRADE RAISE DSGN
	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$1,795.00	HYDROLOGY/HYDRAULIC MODEL	V01625	HYDROLOGY/HYDRAULIC MODEL
	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$3,786.75	PERMIT COMPLIANCE MONITOR	V01631	PERMIT COMPLIANCE MONITOR
	4/16/2020	303643	HOUSTON-MOORE GROUP LLC	\$12,750.00	UPSTREAM MITGATION SUPPOR	V01622	MITIGATION SUPPORT SRVCS
	4/16/2020	303643	HOUSTON-MOORE GROUP LLC	\$97,059.55	TASK 26 WORK IN KIND	V01626	WORK-IN-KIND (WIK)
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$9,809.58	LEEVE DESIGN & SUPPORT	V01613	LEEVE DESIGN & SUPPORT
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$661.25	DRAFT OPERATIONS PLAN	V01615	DRAFT OPERATIONS PLAN
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$18,786.25	PERMIT SUBMITTAL PREP	V01616	PERMIT SUBMITTAL PREP
	4/23/2020	303785	OXBOW, CITY OF	\$1,392.50	MOORE ENGINEERING, INC.	V02416	OXBOW MOU-MISC INFRA ENG
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$124,262.10	I29 GRADE RAISE DESIGN	V01620	SEAI-I29 GRADE RAISE DSGN
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$847.00	MITIGATION SUPPORT SERVIC	V01622	MITIGATION SUPPORT SRVCS
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$124,903.95	WORK IN KIND	V01626	WORK-IN-KIND (WIK)
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$6,163.25	PERMIT COMPLIANCE MONITOR	V01631	PERMIT COMPLIANCE MONITOR

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses
EXP-2020-04

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$6,670.62	REVERSE 2019 YEAR END AP	V01613	LEVEE DESIGN & SUPPORT
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$4,793.75	REVERSE 2019 YEAR END AP	V01616	PERMIT SUBMITTAL PREP
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$45,798.69	REVERSE 2019 YEAR END AP	V01620	SEAI-I29 GRADE RAISE DSGN
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$5,326.50	REVERSE 2019 YEAR END AP	V01622	MITIGATION SUPPORT SRVCS
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$38,631.12	REVERSE 2019 YEAR END AP	V01626	WORK-IN-KIND (WIK)
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$5,301.00	REVERSE 2019 YEAR END AP	V01631	PERMIT COMPLIANCE MONITOR
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$6,670.62	HOUSTON-MOORE GROUP L	V01613	LEVEE DESIGN & SUPPORT
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$4,793.75	HOUSTON-MOORE GROUP L	V01616	PERMIT SUBMITTAL PREP
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$45,798.69	HOUSTON-MOORE GROUP L	V01620	SEAI-I29 GRADE RAISE DSGN
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$5,326.50	HOUSTON-MOORE GROUP L	V01622	MITIGATION SUPPORT SRVCS
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$38,631.12	HOUSTON-MOORE GROUP L	V01626	WORK-IN-KIND (WIK)
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$5,301.00	HOUSTON-MOORE GROUP L	V01631	PERMIT COMPLIANCE MONITOR
Other Services / Engineering Services				\$502,137.45			
790-7920-429.33-05	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$55,138.31	PROJECT MANAGEMENT	V01601	HMG - PROJECT MANAGEMENT
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$64,024.14	PROJECT MANAGEMENT	V01601	HMG - PROJECT MANAGEMENT
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$61,402.76	REVERSE 2019 YEAR END AP	V01601	HMG - PROJECT MANAGEMENT
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$61,402.76	HOUSTON-MOORE GROUP L	V01601	HMG - PROJECT MANAGEMENT
Other Services / Engineering Services				\$119,162.45			
790-7920-429.33-79	4/23/2020	303785	OXBOW, CITY OF	\$462.50	MOORE ENGINEERING, INC	V02421	OXBOW MOU-MOORE PROJ MGMT
	4/23/2020	303731	CH2M HILL ENGINEERS INC	\$489,895.95	PROGRAM MGMT	V00211	CH2M HILL-6/2019-12/2021
	4/23/2020	303731	CH2M HILL ENGINEERS INC	\$317,656.43	PROGRAM MGMT	V00211	CH2M HILL-6/2019-12/2021
	4/23/2020	303731	CH2M HILL ENGINEERS INC	\$359,353.86	SUPPORT SERVICES	V00212	P3 PROCUREMENT SUPPORT
	4/23/2020	303731	CH2M HILL ENGINEERS INC	\$335,959.07	SUPPORT SERVICES	V00212	P3 PROCUREMENT SUPPORT
Other Services / Construction Management				\$1,503,327.81			
790-7930-429.33-05	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$4,422.50	HOUSTON-MOORE GROUP	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,442.00	PROSOURCE TECHNOLOGIES, L	V01203	Cass Joint Water OHB
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$884.68	ULTEIG ENGINEERS	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$25,051.01	PROSOURCE TECHNOLOGIES LL	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$32,897.39	PROSOURCE TECHNOLOGIES LL	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$40,288.68	HOUSTON-MOORE GROUP	V01201	Cass Joint Water ROE
	4/16/2020	303643	HOUSTON-MOORE GROUP LLC	\$8,996.15	BOUNDARY SURVEYING	V01628	BOUNDARY SURVEYING SRVCS
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$92.50	LAND MGMT SERVICES	V01606	LAND MANAGEMENT SERVICES
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$7,135.50	BOUNDARY SURVEYING	V01628	BOUNDARY SURVEYING SRVCS
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$3,220.00	PROPERTY STRUCTURE MITIGA	V01630	PROPERTY STRUCTURE MITGTN

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses**EXP-2020-04**

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$6,408.50	PROPERTY STRUCTURE MITIGA	V01630	PROPERTY STRUCTURE MITGTN
	4/23/2020	303710	ADVANCED ENGINEERING INC	\$144,160.75	2/29-3/13 ENG SERVICES	V00302	PROGRAM MGMT SERVICES
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$83,496.55	HOUSTON MOORE GROUP	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$54,137.66	HOUSTON MOORE GROUP	V01201	Cass Joint Water ROE
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$18,886.25	REVERSE 2019 YEAR END AP	V01628	BOUNDARY SURVEYING SRVCS
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$18,886.25	HOUSTON-MOORE GROUP L	V01628	BOUNDARY SURVEYING SRVCS
Other Services / Engineering Services				\$412,633.87			
790-7930-429.33-25	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$733.50	OHNSTAD TWICHELL, P.C.	V01202	Cass Joint Water DPAC
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$7,978.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$327.00	OHNSTAD TWICHELL, P.C.	V01203	Cass Joint Water OHB
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$851.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$5,441.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$9,354.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$9,342.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$6,816.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$27,562.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,235.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$7,264.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$37,777.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$4,922.68	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$76.00	LARKIN HOFFMAN	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$237.00	LARKIN HOFFMAN	V01201	Cass Joint Water ROE
	5/4/2020	792	P CARD BMO	\$179,502.01	DORSEY AND WHITNEY LLP	V00101	Dorsey Whitney Legal
	5/4/2020	792	P CARD BMO	\$4,248.60	Ohnstad Twichell PC	V00103	General & Admin. LERRDS
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$18,621.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$2,913.50	OHNSTAD TWICHELL, P.C.	V01203	Cass Joint Water OHB
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$2,255.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$6,582.25	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$17,807.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$17,324.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$10,722.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$3,225.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,793.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$5,395.00	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,264.00	LARKIN HOFFMAN	V01201	Cass Joint Water ROE

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses
EXP-2020-04

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$3,873.00	LARKIN HOFFMAN	V01201	Cass Joint Water ROE
	5/4/2020	794	P CARD BMO	\$225,097.06	DORSEY AND WHITNEY LLP	V00101	Dorsey Whitney Legal
	5/4/2020	794	P CARD BMO	\$3,731.55	Ohnstad Twichell PC	V00103	General & Admin. LERRDS
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$5,598.12	REVERSE 2019 YEAR END AP	V00103	General & Admin. LERRDS
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$5,598.12	P CARD BMO	V00103	General & Admin. LERRDS
Other Services / Legal Services				\$624,275.15			
790-7930-429.33-32	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$3,500.00	GE BOCK REAL ESTATE, LLC	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$3,500.00	GE BOCK REAL ESTATE, LLC	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$31,500.00	INTEGRA REALTY RESOURCES	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$2,500.00	CROWN APPRAISALS	V01201	Cass Joint Water ROE
Other Services / Appraisal Services				\$41,000.00			
790-7930-429.33-79	4/23/2020	303731	CH2M HILL ENGINEERS INC	\$425,450.26	PROPERTY ACQUISITION	V00210	CH2M HILL-LAND ACQUISITON
	4/23/2020	303731	CH2M HILL ENGINEERS INC	\$32,243.03	PROPERTY ACQUISITION MGMT	V00210	CH2M HILL-LAND ACQUISITON
Other Services / Construction Management				\$457,693.29			
790-7930-429.34-65	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	WADE HANSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	JENNIFER HANSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	WALLACE FRANDSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	JAMES MOE	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	KELSEY MOE	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,500.00	ESTATE OF MAVIS BARTEL	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	SHEYENNE ESTATES CONDO AS	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	EDWARD HONGESS	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	TAMMY HONGESS	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	BRIAN NELSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	TRACY NICHOLSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	MICHAEL NICHOLSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	BRIAN BOER	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	DANA OTTERSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,500.00	MAMIE ANDERSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,500.00	SCOTT ANDERSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	DAVIS LEINO-MILLS	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	PAMELA LEINO-MILLS	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	RICHARD & SANDRA IHLAND	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	7 HORSESHOE BEND, LLC	V01704	ND LAND - BIOTIC GEO MORP

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses
EXP-2020-04

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	VERNON & SHIRLEY WILLIAMS	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	KEITH MONSON	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$250.00	JON PETERSON & JOANN PETE	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$200.00	JUDY KILEN	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$300.00	LINDA PETERSON BINSTOCK	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	KIM STOKES	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	GAIL BAKKO	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$4,500.00	HEIDEN FAMILY, LLP	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,500.00	WILLIAM KUEHN	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	AMANDA GEIGER	V01704	ND LAND - BIOTIC GEO MORP
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	ANDREA ALFSTAD	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$500.00	NORWOOD SALES	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$250.00	LEO AND SHIRLEY RICHARD	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$250.00	CECILIA KVANDE LE	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	VIVIAN BAILLY REVOCABLE	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$250.00	ORLEN JR & KRISTINE VALAN	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$250.00	RONALD AND PATRICE DUVAL	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	BRIAN DIRKS	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$375.00	DEANNA DIRKS	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,500.00	MATTHEW & ERIN LARSGAARD	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	JUAN CAMARILLO	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	CHAD AND ASHLY WOLSKY	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	RICHARD & REBECCA HORSLEY	V01704	ND LAND - BIOTIC GEO MORP
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$750.00	TODD AND JULIE DAIZELL	V01704	ND LAND - BIOTIC GEO MORP
Technical Services / Right of Entry Requests				\$32,250.00			
790-7930-429.41-05	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$32.00	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$27.00	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$27.00	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$27.81	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$34.70	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$29.70	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$34.70	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
Utility Services / Water and Sewer				\$212.91			
790-7930-429.42-20	4/24/2020	14192	CITY OF FARGO-AUDITORS OFFICE	\$300.00	9248-9252,9255-9257 PROP	V01701	ND LAND PURCH-OUT OF TOWN

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses**EXP-2020-04**

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
Cleaning Services / Grounds Maintenance Services				\$300.00			
790-7930-429.52-10	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$4.07	MARSH & MCLENNAN	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$10,245.21	MARSH & MCLENNAN	V01701	ND LAND PURCH-OUT OF TOWN
Insurance / Property Insurance				\$10,249.28			
790-7930-429.61-50	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$4.05	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$6.90	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$62.90	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$179.55	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$48.80	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
General Supplies / Postage				\$302.20			
790-7930-429.62-50	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$111.14	XCEL ENERGY	V01703	ND LAND PURCH - IN TOWN
Energy / Natural Gas				\$111.14			
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$348.86	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$43.32	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$272.37	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$596.76	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$258.46	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$46.15	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$48.57	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$410.08	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$300.00	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$262.31	XCEL ENERGY	V01703	ND LAND PURCH - IN TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$303.44	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$41.99	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$240.65	CASS RURAL WATER USERS	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$502.18	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$247.32	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$92.80	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$388.32	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$666.75	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
790-7930-429.62-51	4/24/2020	14194	CITY OF FARGO-AUDITORS OFFICE	-\$73.95	ELECTRIC BILL REFUND	V01702	ND LAND PURCHASE-HARDSHIP
Energy / Electricity				\$4,996.38			
790-7930-429.62-52	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$564.34	DAKOTA PAINS AG	V01701	ND LAND PURCH-OUT OF TOWN

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses**EXP-2020-04**

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
Energy / Propane				\$564.34			
790-7930-429.68-10	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$63.00	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$221.75	CASS COUNTY JOINT WRD	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$800.00	VIVIAN BAILLY REVOCABLE	V01201	Cass Joint Water ROE
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$800.00	RONALD AND PATRICE DUVAL	V01201	Cass Joint Water ROE
Miscellaneous / Miscellaneous				\$1,884.75			
790-7930-429.71-30	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$2,640,140.00	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,241,289.53	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$472,135.00	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$413,907.88	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$505,635.00	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$697,800.00	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,335,336.14	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$665,816.00	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,250.00	CITY OF HORACE	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$893,008.11	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$736,482.37	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,500.00	CITY OF OXBOW	V01701	ND LAND PURCH-OUT OF TOWN
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$1,034,530.32	THE TITLE COMPANY	V01701	ND LAND PURCH-OUT OF TOWN
	4/24/2020	14195	CITY OF FARGO-AUDITORS OFFICE	-\$20.00	1921 REFUND EXCESS RECORD	V01701	ND LAND PURCH-OUT OF TOWN
Land / Land Purchases				\$10,638,810.35			
790-7930-429.73-20	4/16/2020	303680	SCHMIDT AND SONS CONSTRUCTION INC	\$20,000.00	PROP STRUCTURE MITIGATION	V03802	PROPERTY STRUCTR MITIGATN
Infrastructure / Site Improvements				\$20,000.00			
790-7930-429.80-17	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$4,077.55	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$4,077.55	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$3,660.34	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$3,660.34	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$6.60	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$851.55	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,619.00	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$1,619.00	CASS COUNTY FINANCE	V01701	ND LAND PURCH-OUT OF TOWN
Debt Service / Property Tax - FMDA				\$19,571.93			
790-7931-429.62-51	4/1/2020	303384	CASS COUNTY JOINT WATER RESOURCE DI	\$222.58	RED RIVER VALLEY COOP POW	V02302	MN LAND PURCHASE-HARDSHIP

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses**EXP-2020-04**

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
	4/30/2020	303847	CASS COUNTY JOINT WATER RESOURCE DI	\$159.92	RED RIVER VALLEY COOP POW	V02302	MN LAND PURCHASE-HARDSHIP
Energy / Electricity				\$382.50			
790-7940-429.33-05	4/30/2020	303852	CIVIL DESIGN INC	\$1,000.00	DESIGN & PLANS	V03701	CDI ENGINEERING SERVICES
Other Services / Engineering Services				\$1,000.00			
790-7940-429.33-06	4/30/2020	303840	BRAUN INTERTEC CORP	\$9,899.13	MATERIALS TESTING	V00402	TESTING - WP-43 & WP-28A
	4/30/2020	303840	BRAUN INTERTEC CORP	\$825.00	MATERIALS TESTING	V00402	TESTING - WP-43 & WP-28A
	4/30/2020	303840	BRAUN INTERTEC CORP	\$395.84	MATEREIALS TESTING	V00402	TESTING - WP-43 & WP-28A
Other Services / Quality Control Testing				\$11,119.97			
790-7952-429.33-05	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$6,776.00	WK PKG 43 CONST SERVICES	V01623	CONSTRUCTN/BID SVCS WP43
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$5,815.35	SERVICES DURING CONST	V01623	CONSTRUCTN/BID SVCS WP43
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$4,143.05	REVERSE 2019 YEAR END AP	V01623	CONSTRUCTN/BID SVCS WP43
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$4,143.05	HOUSTON-MOORE GROUP L	V01623	CONSTRUCTN/BID SVCS WP43
Other Services / Engineering Services				\$12,591.35			
790-7955-429.33-05	4/9/2020	303501	HOUSTON-MOORE GROUP LLC	\$48,526.14	WK PKG 42 CONST SERVICES	V02806	CONSTRUCTION SVCS WP42
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$36,099.84	SERVICES DURING CONST	V02806	CONSTRUCTION SVCS WP42
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$20,515.04	REVERSE 2019 YEAR END AP	V02806	CONSTRUCTION SVCS WP42
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$20,515.04	HOUSTON-MOORE GROUP L	V02806	CONSTRUCTION SVCS WP42
Other Services / Engineering Services				\$84,625.98			
790-7990-429.33-05	4/16/2020	303643	HOUSTON-MOORE GROUP LLC	\$37,664.45	PROCUREMENT SUPPORT	V01621	P3 RFP PROCUREMENT SUPPRT
	4/23/2020	303758	HOUSTON-MOORE GROUP LLC	\$22,572.00	RFP-PROCUREMENT SUPPORT	V01621	P3 RFP PROCUREMENT SUPPRT
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$25,472.98	REVERSE 2019 YEAR END AP	V01621	P3 RFP PROCUREMENT SUPPRT
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$25,472.98	HOUSTON-MOORE GROUP L	V01621	P3 RFP PROCUREMENT SUPPRT
Other Services / Engineering Services				\$60,236.45			
790-7990-429.33-25	4/23/2020	303719	ASHURST LLP	\$88,922.35	DIVERSION LEGAL SERVICES	V03001	P3 LEGAL COUNSEL-ASHURST
	4/23/2020	303719	ASHURST LLP	\$36,630.00	LEGAL SERVICES	V03001	P3 LEGAL COUNSEL-ASHURST
	5/4/2020	792	P CARD BMO	\$54,709.50	Ohnstad Twichell PC	V00102	General & Admin. WIK
	5/4/2020	794	P CARD BMO	\$45,029.01	Ohnstad Twichell PC	V00102	General & Admin. WIK
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$56,202.46	REVERSE 2019 YEAR END AP	V00102	General & Admin. WIK
	5/7/2020	JF20200402	CITY OF FARGO-AUDITORS OFFICE	-\$95,636.25	REVERSE 2019 YEAR END AP	V03001	P3 LEGAL COUNSEL-ASHURST
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$56,202.46	P CARD BMO	V00102	General & Admin. WIK
	5/6/2020	JF20191702	CITY OF FARGO-AUDITORS OFFICE	\$95,636.25	ASHURST LLP	V03001	P3 LEGAL COUNSEL-ASHURST

METRO FLOOD DIVERSION AUTHORITY

Tuesday, May 12, 2020

Data Through Date: Thursday April, 30 2020

Summary of Expenses**EXP-2020-04**

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
Other Services / Legal Services				\$225,290.86			
790-7990-429.33-47	4/23/2020	303790	PROGRAM ADVISOR SERVICES, LLC	\$40,247.64	PROGRAM ADVISORY SERVICES	V05801	CONSULTING SERVICES
Other Services / Consulting Services				\$40,247.64			
790-7990-429.34-55	4/9/2020	303478	ERNST & YOUNG INFRASTRUCTURE	\$148,275.00	JANUARY 2020 SERVICES	V03301	PPP FINANCL ADVISORY SVCS
	4/23/2020	303740	ERNST & YOUNG INFRASTRUCTURE	\$74,734.38	FINANCIAL ADVISORY SERV	V03301	PPP FINANCL ADVISORY SVCS
Technical Services / Financial Advisor				\$223,009.38			
790-7990-520.80-20	4/16/2020	303624	CASS COUNTY FINANCE	\$144,575.84	MARCH INTEREST-DIVERSION	V02906	\$100M 2017 CASS WF ADVANC
	5/4/2020	JB04200025	CITY OF FARGO-AUDITORS OFFICE	\$67,379.67	3.2.20 WF INTEREST PMT	V02905	\$100M 2017 COF WF ADVANCE
Debt Service / Interest on Bonds				\$211,955.51			
Total Amount Invoiced this period				\$15,391,248.42			
				<u>\$0.00</u>	Less Paid Retainage		
				\$15,391,248.42	Total Less Paid Retainage		

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of April 30, 2020

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
CASS COUNTY JOINT WATER RESOUR	\$ 265,203,314.84	\$ 210,533,871.22	\$ 54,669,443.62	Land Purchases, O/H/B Ring Levee, DPAC, & ROE
CH2M HILL ENGINEERS INC	\$ 116,576,718.02	\$ 59,855,094.46	\$ 56,721,623.56	Program, Project, Construction and Land Management
ARMY CORP OF ENGINEERS	\$ 53,159,000.00	\$ 53,159,000.00	\$ -	Local Share
HOUSTON-MOORE GROUP LLC	\$ 51,630,187.93	\$ 46,914,718.13	\$ 4,715,469.80	Engineering Services
INDUSTRIAL BUILDERS INC	\$ 48,362,229.00	\$ 47,249,861.39	\$ 1,112,367.61	Const - 2nd St North Pump Station Project and 2nd Street Floodwall
CITY OF FARGO	\$ 32,242,435.65	\$ 32,242,435.65	\$ -	Digital Imagery Project, Utility Relocation, Accounting Svcs, and Bank Loan Advance DS Payments
INDUSTRIAL CONTRACT SERVICES I	\$ 17,605,821.19	\$ 17,493,762.16	\$ 112,059.03	Const - 4th St Pump Station and 2nd Street Floodwall
ADVANCED ENGINEERING INC	\$ 16,110,194.11	\$ 194,160.75	\$ 15,916,033.36	Public Outreach
OXBOW, CITY OF	\$ 15,527,666.94	\$ 15,165,810.37	\$ 361,856.57	MOU Agreement
MEYER CONTRACTING INC	\$ 12,149,874.79	\$ 12,129,612.10	\$ 20,262.69	Construction/Demolition Services
DORSEY & WHITNEY LLP	\$ 8,127,634.93	\$ 8,127,634.93	\$ -	Legal Services
CASS COUNTY FINANCE	\$ 7,880,294.31	\$ 7,880,294.31	\$ -	Property Taxes and Bank Loan Advance DS Payments
ASHURST LLP	\$ 7,795,542.81	\$ 4,566,727.51	\$ 3,228,815.30	PPP (P3) Legal Counsel
INFRASTRUCTURE	\$ 4,377,000.00	\$ 3,459,060.20	\$ 917,939.80	Financial Advisor
OHNSTAD TWICHELL PC	\$ 4,324,456.73	\$ 4,324,456.73	\$ -	ROE and Bonding Legal Fees
MINNESOTA DNR	\$ 2,613,681.40	\$ 2,613,681.40	\$ -	EIS Scoping
CENTURYLINK	\$ 2,586,742.00	\$ 2,586,742.00	\$ -	Utility Relocation
OXBOW MOU LAND ADVANCE	\$ 2,383,317.16	\$ 2,383,317.16	\$ -	#N/A
LANDWEHR CONSTRUCTION INC	\$ 2,304,622.16	\$ 2,304,622.16	\$ -	Const - In-Town Demolition Contracts
URS CORPORATION	\$ 1,805,670.90	\$ 1,805,670.90	\$ -	Engineering Services
KENNELLY & OKEEFFE	\$ 1,729,110.56	\$ 1,729,110.56	\$ -	Home Buyouts
HOUGH INCORPORATED	\$ 1,639,524.33	\$ 1,639,524.33	\$ -	Const - 2nd Street South Flood Control
REINER CONTRACTING INC	\$ 1,599,646.21	\$ 1,599,646.21	\$ -	Const - El Zagal Flood Risk Management
CONSOLIDATED COMMUNICATIONS	\$ 1,063,096.11	\$ 1,063,096.11	\$ -	Utility Relocation
ORACLE AMERICA, INC	\$ 1,015,290.00	\$ 306,856.00	\$ 708,434.00	Electronic Data Mgmt and Record Storage System
TERRACON CONSULTING ENGINEERS	\$ 909,149.49	\$ 882,451.41	\$ 26,698.08	Materials Testing
CONSTRUCTION	\$ 807,871.82	\$ 807,871.82	\$ -	Realignment
XCEL ENERGY	\$ 753,515.88	\$ 753,515.88	\$ -	Utility Relocation
MOORE ENGINEERING INC	\$ 662,468.17	\$ 662,468.17	\$ -	Engineering Services
LLC	\$ 650,000.00	\$ 138,872.64	\$ 511,127.36	Professional Services
US BANK	\$ 626,849.03	\$ 626,849.03	\$ -	Loan Advance DS Payments
DUCKS UNLIMITED	\$ 587,180.00	\$ 587,180.00	\$ -	Wetland Mitigation Credits
HOUSTON ENGINEERING INC	\$ 576,669.57	\$ 576,669.57	\$ -	Engineering Services
ERIK R JOHNSON & ASSOCIATES	\$ 560,451.03	\$ 560,451.03	\$ -	Legal Services
CONSTRUCTION	\$ 553,931.86	\$ 482,103.66	\$ 71,828.20	Oxbow Housing Relocation
CROWN APPRAISALS INC	\$ 525,000.00	\$ 500,000.00	\$ 25,000.00	Flowage Easements Valuation
RED RIVER BASIN COMMISSION	\$ 501,000.00	\$ 501,000.00	\$ -	Construction - Engineering Services
NURSERY&LAN	\$ 486,502.29	\$ 472,091.04	\$ 14,411.25	Construction - Landscape
NORTHERN TITLE CO	\$ 484,016.00	\$ 484,016.00	\$ -	Land Purchases
AT & T	\$ 461,031.30	\$ 461,031.30	\$ -	Utility Relocation

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of April 30, 2020

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
BRAUN INTERTEC CORP	\$ 450,146.25	\$ 397,107.86	\$ 53,038.39	Quality Testing
THIRD MOUNTAIN METROPOLITAN	\$ 368,858.35	\$ 368,858.35	\$ -	Lidar Imaging
NDSU BUSINESS OFFICE	\$ 356,145.00	\$ 267,779.75	\$ 88,365.25	Ag Risk Study Services
BEAVER CREEK ARCHAEOLOGY	\$ 308,397.00	\$ 165,709.77	\$ 142,687.23	Engineering Services
ACONEX (NORTH AMERICA) INC	\$ 306,856.00	\$ 306,856.00	\$ -	Storage System
702 COMMUNICATIONS	\$ 266,892.07	\$ 266,892.07	\$ -	Utility Relocation
SPRINT	\$ 256,409.37	\$ 256,409.37	\$ -	Utility Relocation
AON RISK SERVICES CENTRAL, INC	\$ 240,000.00	\$ 183,813.50	\$ 56,186.50	P3 Risk Advisory Services
BUFFALO-RED RIVER WATERSHED DI	\$ 221,568.00	\$ 221,568.00	\$ -	Retention Projects - Engineering Services
FREDRIKSON & BYRON, PA	\$ 217,881.28	\$ 217,881.28	\$ -	Lobbying Services
CASS RURAL WATER USERS DIST	\$ 213,335.00	\$ 213,335.00	\$ -	Utilities and Utility Relocation
ROBERT TRENT JONES	\$ 200,000.00	\$ 200,000.00	\$ -	Agreement
SPRINGSTED INCORPORATED	\$ 178,010.15	\$ 178,010.15	\$ -	Financial Advisor
S & S LANDSCAPING CO INC	\$ 150,528.50	\$ 31,123.00	\$ 119,405.50	Construction - Landscape
PFM PUBLIC FINANCIAL MANAGEMEN	\$ 146,460.00	\$ 146,460.00	\$ -	Financial Advisor
GRAY PANNELL & WOODWARD LLP	\$ 143,800.68	\$ 143,800.68	\$ -	Legal Services
AECOM TECHNICAL SERVICES, INC	\$ 139,000.00	\$ 20,244.79	\$ 118,755.21	Engineering Services
AT&T NETWORK OPERATIONS	\$ 125,238.30	\$ 125,238.30	\$ -	Utility Relocation
CENTURYTECHNOLOGY ACCOUNTING-B	\$ 118,871.82	\$ 118,871.82	\$ -	Utility Relocation
ENVENTIS	\$ 115,685.62	\$ 115,685.62	\$ -	Utility Relocation
UNITED STATES GEOLOGICAL SURVE	\$ 104,600.00	\$ 104,600.00	\$ -	Stage Gage Installation
CASS COUNTY ELECTRIC-4100 32 A	\$ 104,195.00	\$ 97,995.00	\$ 6,200.00	Utility Services / Relocation
EL ZAGAL TEMPLE HOLDING CO	\$ 76,000.00	\$ 76,000.00	\$ -	Easement Purchase for El Zagal Levee
HKA GLOBAL, INC	\$ 74,353.00	\$ 74,353.00	\$ -	Professional Services
GERSON LEHRMAN GROUP, INC.	\$ 60,819.00	\$ 60,819.00	\$ -	Legal Services
NIXON PEABODY LLC	\$ 60,000.00	\$ 60,000.00	\$ -	Legal Services
CPS HR CONSULTING	\$ 50,555.98	\$ 50,555.98	\$ -	HR Consulting
IN SITU ENGINEERING	\$ 47,973.00	\$ 47,973.00	\$ -	Quality Testing
US GEOLOGICAL SURVEY	\$ 46,920.00	\$ 46,920.00	\$ -	Stage Gage Installation
WARNER & CO	\$ 40,567.00	\$ 40,567.00	\$ -	General Liability Insurance
MIDCONTINENT COMMUNICATIONS	\$ 37,318.95	\$ 37,318.95	\$ -	Utility Relocation
CLAY COUNTY AUDITOR	\$ 34,538.71	\$ 34,538.71	\$ -	Property Tax, Home Buyout Demo
AMERICAN ENTERPRISES INC	\$ 34,000.00	\$ 34,000.00	\$ -	Test Pits
GEOKON INC	\$ 33,815.36	\$ 33,815.36	\$ -	Vibrating Wire Piezometer Equipment
COLDWELL BANKER	\$ 33,066.02	\$ 33,066.02	\$ -	Property Management Services
ND WATER USERS ASSOCIATN	\$ 30,450.00	\$ 30,450.00	\$ -	Membership Dues
WESTERN AREA POWER ADMINISTRAT	\$ 30,000.00	\$ 30,000.00	\$ -	P3 Support Services
NAASTAD BROTHERS, INC	\$ 25,796.40	\$ 25,796.40	\$ -	Roadway Ditch Work
XCEL ENERGY-FARGO	\$ 16,275.85	\$ 16,275.85	\$ -	Utility Relocation

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of April 30, 2020

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
PRIMORIS AEVENIA INC	\$ 16,230.00	\$ 16,230.00	\$ -	Utility Relocation
MOORHEAD, CITY OF	\$ 15,062.90	\$ 15,062.90	\$ -	ROE Legal Fees
MAP SERVICE CENTER	\$ 14,500.00	\$ 14,500.00	\$ -	Permit fee
BRIGGS & MORGAN PA	\$ 12,727.56	\$ 12,727.56	\$ -	Legal Services
MARSH & MCLENNAN AGENCY LLC	\$ 9,416.52	\$ 9,416.52	\$ -	Property Insurance - Home Buyouts
PROSOURCE TECHNOLOGIES, INC	\$ 8,324.94	\$ 8,324.94	\$ -	Vibrating Wire Piezometer Equipment
NEWMAN SIGNS INC	\$ 5,816.00	\$ 5,816.00	\$ -	Sinage
ONE	\$ 3,575.00	\$ 3,575.00	\$ -	Legal Services
MCKINZIE METRO APPRAISAL	\$ 3,200.00	\$ 3,200.00	\$ -	Appraisal Services
STUDIO 7 PRODUCTIONS	\$ 3,170.00	\$ 3,170.00	\$ -	Video Productions
BUILDING & GROUNDS MANAGEMENT	\$ 2,977.50	\$ 2,977.50	\$ -	Lawn Mowing Services
BNSF RAILWAY COMPANY	\$ 2,925.00	\$ 2,925.00	\$ -	MOU Agreement
ND WATER EDUCATION FOUNDATION	\$ 2,500.00	\$ 2,000.00	\$ 500.00	Advertising Services
SEIGEL COMMUNICATIONS SERVICE	\$ 2,345.00	\$ 2,345.00	\$ -	Public Outreach
COUGAR TREE CARE INC	\$ 2,300.00	\$ 2,300.00	\$ -	Tree Removal
(LEGALS)	\$ 2,224.20	\$ 2,224.20	\$ -	Advertising Services
HEARTLAND SEEDS, INC.	\$ 2,200.00	\$ 2,200.00	\$ -	Lawn Mowing Services
GLACIER ENTERPRISES	\$ 2,150.00	\$ 2,150.00	\$ -	Soil Grading
FORUM COMMUNICATIONS (ADVERT)	\$ 1,743.77	\$ 1,743.77	\$ -	Advertising Services
NORTH DAKOTA TELEPHONE CO	\$ 1,697.00	\$ 1,697.00	\$ -	Communication
CIVIL DESIGN INC	\$ 1,595.00	\$ 1,595.00	\$ -	MOU Agreement
ERBERT & GERBERTS SUBS	\$ 1,232.29	\$ 1,232.29	\$ -	lunches for the task force meetings
HUBER, STEVE	\$ 1,056.43	\$ 1,056.43	\$ -	Home Buyouts
WARREN TOWNSHIP	\$ 1,023.72	\$ 1,023.72	\$ -	SEEDING, ROAD REPAIR, DUST CONTROL
FARGO-MOORHEAD SERTOMA CLUB	\$ 1,000.00	\$ 1,000.00	\$ -	Holiday Lights Display
DEPT OF NATURAL RESOUR	\$ 1,000.00	\$ 1,000.00	\$ -	DNR Dam Safety Permit Application Fee
CONSULTING	\$ 747.60	\$ 747.60	\$ -	Buyouts
NDSU-DINING-STORE 685	\$ 701.75	\$ 701.75	\$ -	Meeting Incidentals
RED RIVER TITLE SERVICES INC	\$ 675.00	\$ 675.00	\$ -	Abstract Updates
RED RIVER VALLEY COOPERATIVE A	\$ 536.96	\$ 536.96	\$ -	Electricity - Home Buyouts
FERRELLGAS	\$ 496.00	\$ 496.00	\$ -	Propane - Home Buyouts
BROKERAGE PRINTING	\$ 473.33	\$ 473.33	\$ -	Custom Printed Forms
KOCHMANN, CARTER	\$ 315.00	\$ 315.00	\$ -	Lawn Mowing Services
GALLAGHER BENEFIT SERVICES INC	\$ 250.00	\$ 250.00	\$ -	Job Description Review
DONS PLUMBING	\$ 240.00	\$ 240.00	\$ -	Winterize - Home Buyouts
HARWOOD TOWNSHIP, CASS, ND	\$ 208.91	\$ 208.91	\$ -	Township Meeting Expenses
WALMART STORE #4352	\$ 161.97	\$ 161.97	\$ -	Meeting Incidentals
CURTS LOCK & KEY SERVICE INC	\$ 138.10	\$ 138.10	\$ -	Service Call - Home Buyouts

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of April 30, 2020

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
GOOGLE LOVEINTHEOVEN	\$ 116.00	\$ 116.00	\$ -	Meeting Incidentals
LANE, BARRET	\$ 108.77	\$ 108.77	\$ -	Lodging Expense
FEDERAL EXPRESS CORPORATION	\$ 71.89	\$ 71.89	\$ -	Postage
Grand Total	\$ 694,551,270.29	\$ 554,832,761.98	\$ 139,718,508.31	

FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of April 30, 2020

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
Commercial Relocations - Fargo						
Park East Apartments - 1 2nd St S	6/23/2015	9,240,246.10	-	708,126.94	-	9,948,373.04
Howard Johnson - 301 3rd Ave N	11/2/2015	3,266,079.60	-	3,752,607.61	(1,100.00)	7,017,587.21
Fargo Public School District - 419 3rd St N	3/16/2016	1,903,475.78	-	6,469,727.55	-	8,373,203.33
Mid America Steel - NP Ave, North	6/21/2016	437,371.41	-	5,370,000.00	-	5,807,371.41
Case Plaza - 117 NP Ave N	1/12/2017	250,449.12	-	-	-	250,449.12
Shakey's Pizza - DFI AP LLC - 203 4th Ave N	3/21/2017	1,002,367.69	-	-	-	1,002,367.69
Home Buyouts - Fargo						
1322 Elm St N	11/19/2014	347,270.27	-	47,168.14	-	394,438.41
1326 Elm St N	12/23/2014	230,196.41	-	8,001.02	-	238,197.43
1341 N Oak St	1/29/2015	309,888.24	-	78,889.24	-	388,777.48
1330 Elm St N	2/12/2015	229,982.44	-	62,362.63	-	292,345.07
18 North Terrace N	4/2/2015	129,698.25	-	44,688.72	-	174,386.97
1318 Elm St N	5/29/2015	229,012.67	-	55,452.01	-	284,464.68
724 North River Road	6/8/2015	194,457.83	-	35,615.30	-	230,073.13
1333 Oak Street N	6/24/2015	238,513.23	-	5,249.00	-	243,762.23
26 North Terrace N	9/11/2015	138,619.58	-	12,620.00	-	151,239.58
16 North Terrace N	9/24/2015	227,987.50	-	96,717.14	-	324,704.64
24 North Terrace N	11/25/2015	182,437.38	-	29,269.60	-	211,706.98
1314 Elm Street N	12/18/2015	225,800.09	-	42,025.00	-	267,825.09
12 North Terrace N	2/9/2016	10,191.00	-	-	-	10,191.00
1313 Elm Street N	1/23/2017	350,000.00	-	3,360.00	-	353,360.00
Home Buyouts - Moorhead						
387 170th Ave SW	11/1/2013	281,809.91	-	-	(8,440.00)	273,369.91
16678 3rd St S		214,000.00	-	84,060.80	-	298,060.80
Home Buyouts - Oxbow						
105 Oxbow Drive	11/28/2012	216,651.85	-	-	(181,249.54)	35,402.31
744 Riverbend Rd	12/3/2012	343,828.30	-	2,435.00	-	346,263.30
121 Oxbow Drive	7/31/2013	375,581.20	-	-	(186,918.33)	188,662.87
333 Schnell Drive	9/20/2013	104,087.79	-	-	-	104,087.79
346 Schnell Drive	2/13/2014	512,970.73	-	7,200.00	-	520,170.73
345 Schnell Drive	10/24/2014	478,702.98	-	6,869.44	-	485,572.42
336 Schnell Drive	1/29/2015	310,888.51	-	185,620.00	-	496,508.51
5059 Makenzie Circle	5/21/2015	2,698,226.97	-	10,549.70	-	2,708,776.67
357 Schnell Dr / 760 River Bend Rd	6/18/2015	466,720.80	-	176,524.79	-	643,245.59
349 Schnell Dr / 761 River Bend Rd	6/26/2015	306,725.20	-	309,992.53	-	616,717.73
748 Riverbend Rd / 755 River Bend Rd	9/1/2015	480,783.92	-	205,699.82	-	686,483.74
361 Schnell Dr / 764 River Bend Rd	9/2/2015	490,091.32	-	267,757.65	-	757,848.97
752 Riverbend Rd / 768 River Bend Rd	9/4/2015	469,078.13	-	507,103.56	-	976,181.69
353 Schnell Dr / 772 River Bend Rd	9/11/2015	494,342.87	-	312,212.95	-	806,555.82
SE 1/4-23-137-49 & NW 1/4 SW 1/4 24-137-49 - Heitman	9/30/2015	1,328,151.00	-	-	-	1,328,151.00
350 Schnell Dr / 769 River Bend Rd	12/15/2015	491,024.01	-	279,237.35	-	770,261.36
365 Schnell Drive	1/7/2016	125,077.88	-	-	-	125,077.88
852, 856, 860, & 864 Riverbend Rd	1/11/2016	1,222,608.19	-	10,891.60	-	1,233,499.79
334 Schnell Dr / 751 River Bend Rd	1/15/2016	321,089.77	-	284,349.88	-	605,439.65
749 Riverbend Rd / 433 Trent Jones Dr	2/1/2016	598,885.43	-	469,875.64	-	1,068,761.07
326 Schnell Drive	2/19/2016	326,842.17	-	225,073.09	-	551,915.26
309 Schnell Dr / 325 Trent Jones Dr	5/12/2016	539,895.97	-	574,412.28	-	1,114,308.25
810 Riverbend Rd / 787 River Bend Rd	6/6/2016	672,125.84	-	640,625.43	-	1,312,751.27
833 Riverbend Rd / 446 Trent Jones Dr	7/14/2016	801,671.69	-	590,292.66	-	1,391,964.35
328 Schnell Dr / 347 Trent Jones Dr	7/14/2016	320,803.64	-	329,117.70	-	649,921.34
839 Riverbend Road	7/20/2016	1,775,311.60	-	10,631.50	-	1,785,943.10
332 Schnell Dr / 335 Trent Jones Dr	8/2/2016	328,639.47	-	356,643.81	-	685,283.28
317 Schnell Dr / 409 Trent Jones Dr	9/7/2016	548,393.52	-	558,413.52	-	1,106,807.04
330 Schnell Drive	10/4/2016	328,134.82	-	125,072.50	-	453,207.32
329 Schnell Dr / 417 Trent Jones Dr	10/4/2016	549,277.00	-	499,811.00	-	1,049,088.00
321 Schnell Dr / 410 Trent Jones Dr	10/7/2016	471,534.69	-	514,952.53	-	986,487.22
813 Riverbend Rd / 449 Trent Jones Dr	10/14/2016	660,997.62	-	797,937.65	-	1,458,935.27
325 Schnell Drive / 426 Trent Jones Dr	11/3/2016	403,498.66	-	402,935.97	-	806,434.63
844 Riverbend Road	11/11/2016	716,599.40	-	15,118.84	-	731,718.24
828 Riverbend Rd	11/30/2016	955,928.53	-	-	-	955,928.53
341 Schnell Dr / 343 Trent Jones Dr	12/8/2016	480,921.52	-	673,954.16	-	1,154,875.68
840 Riverbend Rd / 442 Trent Jones Dr	12/21/2016	547,075.19	-	423,662.02	-	970,737.21
816 Riverbend Rd / 441 Trent Jones Dr	12/27/2016	567,413.07	-	338,694.70	-	906,107.77
821 Riverbend Rd / 438 Trent Jones Dr	1/13/2017	580,617.35	-	331,100.87	-	911,718.22
805 Riverbend Rd / 776 River Bend Rd	2/10/2017	508,203.01	-	395,757.84	-	903,960.85
808 Riverbend Road / 254 South Schnell Dr	2/24/2017	713,814.95	-	533,475.96	-	1,247,290.91
338 Schnell Dr / 775 River Bend Rd	2/28/2017	560,402.15	-	407,961.34	-	968,363.49
313 Schnell Drive/ 413 Trent Jones Dr	4/7/2017	389,370.50	-	357,043.95	-	746,414.45
809 Riverbend Rd	5/3/2017	112,304.99	-	-	-	112,304.99
337 Schnell Dr / 353 Trent Jones Dr	5/17/2017	456,146.62	-	524,447.89	-	980,594.51
829 Riverbend Rd / 788 River Bend Rd	7/7/2017	1,056,438.13	-	1,396,004.59	-	2,452,442.72
848 Riverbend Rd / 783 River Bend Rd	7/27/2017	781,361.81	-	1,410,330.68	-	2,191,692.49
817 Riverbend Road / 421 Trent Jones Dr	7/18/2017	445,728.05	-	465,264.50	-	910,992.55
843 Riverbend Rd / 445 Trent Jones Dr	9/21/2017	978,292.23	-	1,207,474.57	-	2,185,766.80

FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of April 30, 2020

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
477 Oxbow Drive - OIN 9614 - Henry & Suzanne Mertz	10/27/2017	25,020.58	-	-	-	25,020.58
354 & 358 Schnell Drive	12/6/2018	199,512.06	-	-	-	199,512.06
872 Riverbend Rd	10/17/2018	14,329.43	-	-	-	14,329.43
869 Riverbend Rd	10/17/2018	13,029.43	-	-	-	13,029.43
873 Riverbend Rd	10/17/2018	13,029.43	-	-	-	13,029.43
Home Buyouts - Hickson						
17495 52nd St SE	4/28/2015	785,747.66	-	27,604.74	-	813,352.40
4985 and 4989 Klitzke Drive, Pleasant Twp	7/20/2016	245,926.71	-	92,817.44	-	338,744.15
Home Buyouts - Horace						
2914 124th Ave S	12/29/2016	50,981.00	-	-	-	50,981.00
17471 49th St SE - Campbell - OIN 9403	2/16/2017	883,581.00	-	155,896.55	-	1,039,477.55
17465 49th St SE - Campbell - OIN 9411	2/21/2017	828,561.00	-	190,389.56	-	1,018,950.56
17474 52nd St SE - Leher - OIN 1889/1990/2182	7/11/2017	909,905.00	-	29,301.96	-	939,206.96
17449 50th Street SE - Scott Young	9/1/2017	398,936.66	-	-	-	398,936.66
4848 CR 81 S, Horace, ND _ OIN 9405	9/15/2017	451,185.00	-	36,153.08	-	487,338.08
17568 Pfiffer Drive - OIN 9387	3/6/2018	505,925.70	-	3,590.00	-	509,515.70
15-0000-02690-010 & 15-0000-02690-020 - Cossette _ OIN 229 & 230	11/29/2017	2,433,020.59	-	-	-	2,433,020.59
5021 171st Ave. Southeast, Horace, ND _ OIN 1955	12/18/2017	248,677.89	-	-	-	248,677.89
17554 Pfiffer Drive _OIN 9382	1/14/2019	736,781.09	-	101,579.21	-	838,360.30
4961 KLITZKE DR & 4957 KLITZKE DR	12/26/2019	6,320.00	-	-	-	6,320.00
KLITZKE BROTHERS LOT 1A BLK 1	12/26/2019	520.00	-	-	-	520.00
Home Buyouts - Argusville						
2351 173rd Ave SE - Johnson - OIN 1222	2/6/2017	215,030.91	-	6,912.57	-	221,943.48
Easements - Fargo						
Part of Lot 5 El Zagal Park	10/9/2014	76,000.00	-	-	-	76,000.00
72 2nd St N - Bortnem	4/13/2016	37,020.00	-	-	-	37,020.00
Oak Terrace Condos - 2 N Terrace N	3/30/2016	5,588.00	-	-	-	5,588.00
Fercho Family Farms,	3/25/2015	50,000.00	-	-	-	50,000.00
Part of Lot 3 Block 4 R2 Urban Renewal Addition	3/15/2018	336,108.00	-	-	-	336,108.00
Easements - Hickson						
Hickson Village Lot 8 BLK 11	5/11/2016	500.00	-	-	-	500.00
Easements - Oxbow						
Oxbow Parcel 57-0000-10356-070 - Pearson	10/13/2014	55,500.00	-	-	-	55,500.00
Easements - Diversion Inlet Control Structure						
15-0000-02690-020 - Cossette	6/1/2016	-	-	-	-	-
64-0000-02730-000 - Sauvageau	6/1/2016	1,113,101.57	-	-	-	1,113,101.57
64-0000-027400-000 - Duboard	9/15/2016	177,399.29	-	-	-	177,399.29
64-0000-02700-010 - Rheault	1/31/2017	2,243.06	-	-	-	2,243.06
15-141-49 NW1/4 160.00 AC **12-31-98 COMB FRM 44-0000-00580-000 & 44-0000-00570-000 - Larson Trust (Nygren)	6/20/2017	32,340.00	-	-	-	32,340.00
Southwest corner of County Road 17 S and 112th Avenue S (comdemnation) - SAUVAGEAU LIFE EST.	7/3/2019	1,189,220.00	-	-	-	1,189,220.00
16835 47 ST SE - Buster Farms LLLP	-	1,755.00	-	-	-	1,755.00
Terry and Kay Compson Trust	1/17/2020	1,204,858.00	-	-	-	1,204,858.00
Easements - Piezometer						
67-0000-12719-010 - Adams - OIN-1201	3/13/2017	1,500.00	-	-	-	1,500.00
Easements - Minnesota						
Askegaard Hope Partnership	10/14/2016	1,542,370.79	-	-	-	1,542,370.79
Farmland Purchases						
SE 1/4 11-140-50 (Raymond Twp, ND) - Ueland	1/20/2014	959,840.00	-	-	-	959,840.00
2 Tracts in the E 1/2-2-137-49 - Sorby/Maier	1/24/2014	1,636,230.00	-	-	-	1,636,230.00
3 Tracts NW1/4 1-140-50, NW1/4 11-140-50, & S1/2 25-141-50 - Rust (OINs 0511,0512,0880,0897)	2/18/2014	3,458,980.70	-	-	-	3,458,980.70
11-140-50 NE1/4 (Raymond Twp) - Diekrager	4/15/2014	991,128.19	-	-	-	991,128.19
NW 1/4 36-141-50 - Monson	5/7/2014	943,560.05	-	-	-	943,560.05
W 1/2 SE 1/4 SW 1/4 & SW 1/4 2-137-49 - Gorder	5/13/2014	321,386.00	-	-	-	321,386.00
SW 1/4-11-140-50 - Hoglund	7/21/2014	989,706.03	-	-	-	989,706.03
NW 1/4 14-140-50 - Hoglund	10/23/2014	948,782.22	-	-	-	948,782.22
SW 1/4 2-140-50 -Rust	10/29/2014	955,901.00	-	-	-	955,901.00
2-140-50 S 1/2 of NW 1/4 & Lot 4A - Pile	3/4/2015	594,108.00	-	-	-	594,108.00
Fercho Family Farms,	3/25/2015	464,600.00	-	-	-	464,600.00
W 1/2 NW 1/4 2-141-49 - Heiden	4/24/2015	433,409.00	-	-	-	433,409.00
(Raymond Twp) - Subdivision: Part of 23-140-50, 155.82 acres - Henke	6/17/2015	857,144.00	-	-	-	857,144.00
(Raymond Twp) - Subdivision: Part of Sec. 23., Less Gust Sub and Jason Sub	-	-	-	-	-	-
T140N R50W - Henke	6/17/2015	339,071.00	-	-	-	339,071.00
15-141-49 NW1/4 160.00 AC **12-31-98 COMB FRM 44-0000-00580-000 & 44-0000-00570-000 - Larson Trust (Nygren)	6/20/2017	291,840.00	-	-	-	291,840.00

**FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of April 30, 2020**

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
64-0000-02720-000 - Ulstad (Condemnation)	11/10/2016	1,221,931.50	-	-	-	1,221,931.50
Peter Biegler, Jr - OIN 9748	7/17/2017	250,185.00	-	3,175.00	-	253,360.00
19-141-49 NE 1/4 A 160.00 - Schoenberg Farms	7/18/2017	3,470,167.12	-	-	-	3,470,167.12
SHEY RIV - Chose	7/28/2017	60,128.07	-	-	-	60,128.07
W 1/2d 1/2 10-141-49 & NW 1/4 10-141-49 - Larson Family Farm Trust	8/1/2017	1,402,847.99	-	-	-	1,402,847.99
S1/2 W1/2 NW1/4 - Conyers	8/3/2017	33,150.00	-	-	-	33,150.00
27th St SE, between 169th Ave SE and I-29 - Nelson	8/3/2017	1,024,189.50	-	-	-	1,024,189.50
Meridian, Cass County, ND - Heiden Family, LLLP	8/4/2017	1,326,882.11	-	-	-	1,326,882.11
2368 173rd Ave SE & Rural Land Part of SE1/4 35-142-49, Wiser, ND - Kevin & Pamela Heiden	8/4/2017	614,439.02	-	-	-	614,439.02
20-141-49 SW 1/4 A 160.00 - Lloyd & Alice Amundson	8/9/2017	123,563.38	-	-	-	123,563.38
5251 174 1/2 Ave SE, Pleasant Township, ND 58047	8/18/2017	254,354.28	-	-	-	254,354.28
35-142-49 SW 1/4 A 160.00 - Burley _ OIN 1218	8/31/2017	167,091.47	-	-	-	167,091.47
S-1/2 of N1/2 of Section 36-142-49, Wayne & Gary Ohnstad_OIN 1223	12/13/2017	200,135.00	-	-	-	200,135.00
2-141-49 S 1/2 OF NE 1/4 & N 1/2 OF SE 1/4	12/20/2017	251,668.74	-	-	-	251,668.74
County Rd 32 between 167th Ave SE and 169th Ave SE, 25-141-50 NE 1/4	1/19/2018	831,853.08	-	-	-	831,853.08
County Rd 32 between 167th Ave SE and 169th Ave SE, 30-141-50 NW 1/4	3/23/2018	831,535.25	-	-	-	831,535.25
NE 1/4 Section 14 Township 140 North of Range 50 West of 5th Principle Meridian LESS the East 85 feet of said NE Quarter	2/22/2018	707,530.88	-	-	-	707,530.88
East Half (E1/2), Section 3 Township 141 North, Range 49 West	5/18/2017	733,126.76	-	-	-	733,126.76
NE Quarter of NE Quarter of Section 33 Township 138 North of Range 49	1/7/2019	587,650.00	-	-	-	587,650.00
Land Purchases						
Hayden Heights Land, West Fargo ND	10/12/2012	484,016.00	-	-	(730,148.14)	(246,132.14)
Lot 4, Block 4, ND R-2 Urban Renewal Addition, Fargo ND - Professional Associates	5/14/2015	39,900.00	-	-	-	39,900.00
BNSF Railway Company	10/28/2015	27,000.00	-	-	-	27,000.00
City of Fargo - OIN 2366 & OIN 2367	3/9/2017	1,022,533.30	-	-	-	1,022,533.30
Edwin and Margaret Ployhart OIN 8852	4/5/2017	5,121.18	-	-	-	5,121.18
Arthur Mathison RT OIN 1994	5/19/2017	750.00	-	-	-	750.00
Ideal Ag Corp OIN 9789 / 9790	5/25/2017	30,120.68	-	-	-	30,120.68
OIN 1195 / 1196 - Mark Thorson	9/15/2017	203,678.32	-	-	-	203,678.32
Block 1 W. Shorr Subdivision of Eagle Township (Lots 1,2,3,4,5,10,11,12,13,14,15,16)	2/28/2019	3,395,663.23	-	24582.11	-	3,420,245.34
NE Quarter of section 28 in Township 138 North of Range 49 West of the 5th Principle Meridian less the South 67 feet of the North 100 feet of the NE Quarter of section 28 Township 138 North of Range 49 West of 5th Principle Meridian, Auditors Lot 1 and East 33 feet	1/10/2019	2,158,545.00	-	-	-	2,158,545.00
Auditor's Lots 2, 3, 5 of the Southeast Quarter of Section 34, Township 138 North of Range 49 West	12/8/2018	724,254.52	-	-	-	724,254.52
The West One Half of the Southwest Quarter of the Southwest Quarter of Section Nine, Township 137, Range 49 West of the 5th Principle Meridian	1/8/2019	200,120.00	-	-	-	200,120.00
Southwest Quarter of Section 2 Township 141 North Range 49 West of the 5th Principle Meridian	2/13/2019	336,646.65	-	-	-	336,646.65
Southeast Quarter of Section 27, Township 140 North Range 50	2/25/2019	825,430.39	-	-	-	825,430.39
Railroad Outlot #3 situated in Sections 6 and 7, Township 139 North of Range 48 West of the 5th Principal Meridian	5/30/2019	8,072.00	-	-	-	8,072.00
Auditor's Lot No 2 of the Southwest Quarter of Section 34, Township 138, North of Range 49 West of the 5th Principle Meridian	7/3/2019	225,249.40	-	203,759.80	-	429,009.20
NE and SE quarter Section 9, Township 141 North, Range 49 West of the 5th Principal Meridian AND NE and NW Quarter section 16, Township 141 North, Range 49 West of the 5th Principle Meridian	8/1/2019	1,697,063.17	-	-	-	1,697,063.17
North Half of the NE Quarter section and the East Half of the NW Quarter of Section 2, Township 141 North of Range 49 West of the 5th Principle Meridian	8/1/2019	776,622.28	-	-	-	776,622.28
Auditors Lot 1 of the SW Quarter Section 34, in Township 138 North of Range 49 West of the Fifth Principal Meridian	6/13/2019	257,765.51	-	23,662.03	-	281,427.54
SW Quarter Section of Section 8, Township 141 North, Range 49 West of ther 5th Principle Meridian	11/7/2017	11,007.68	-	-	-	11,007.68
Government Lots 3 & 4 of Section 30, Township 138 North, Range 49 West of the 5th Principle Meridian	11/7/2019	1,160,482.00	-	-	-	1,160,482.00
Northwest Quarter of Section 25, Township 141 North, Range 50 West of the 5th Principle Meridian	11/27/2019	830,527.20	-	-	-	830,527.20
SW Quarter of Section 36 in Township 141 North of Range 50 West of the 5th Principle Meridian	11/27/2019	975,840.92	-	-	-	975,840.92
Auditors Lot 4 of the SW Quarter Section 34, in Township 138 North of Range 49 West of the Fifth Principal Meridian	11/27/2019	323,535.78	-	188,055.00	-	511,590.78
East Half of the NE Quarter of Section 254, Township 138 North Range 50 West of the 5th Principle Meridian	11/27/2019	12,431.73	-	-	-	12,431.73
SE Quarter Section of the NW Quarter of section Twenty, Township 137 of Range 49 West of the Fifth Principle Meridian	11/7/2019	846,828.57	-	9,963.36	-	856,791.93
East Half of the NE Quarter of Section 25, Township 138 North Range 50 West of the 5th Principle Meridian	12/26/2019	305,654.24	-	-	-	305,654.24
Lot One, In Block One of Bellmore First Subdivision	12/26/2019	828,373.27	-	-	-	828,373.27
South Half of Section 24, Township 141 North of Range 50	12/26/2019	1,660,379.20	-	-	-	1,660,379.20
SW Quarter of Section 8, Township 141 North Range 49 West of the 5th Principal Meridian and West Half of Section 17, Township 141 North Range 49 West of the 5th Pricipal Meridian	12/26/2019	60,830.60	-	-	-	60,830.60
NE Quarter of Section 27, Township 140 North Range 50 West of 5th Principal Merridian	12/26/2019	964,789.51	-	-	-	964,789.51
Government lot 7 situated in the South Half of the South Half of Section 6, Township 137 North Range 48 West	12/26/2019	428,021.46	-	-	-	428,021.46

FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of April 30, 2020

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
South 812 Feet of the North 932 feet of NE quarter section 24, Township 137 North of Range 49 West of the 5th Principle meridian and Right of way situated in North Half of section 24 Township 137 North of Ranger 29 west of the 5th Principle Meridian	12/26/2019	448,700.79	-	-	-	448,700.79
North 120 feet and the North 598.14 feet of the South 868.14 feet of NE Quarter section 24, Township 137 North of Range 49 West of the 5th Principle Meridian and railroad Right of way N Half Section 24, Township 137 North Range 49 West lying southerly of the southerly line of Highway 81 and stio 100 feet wide lying east of, parrallel and adjacent to Right of way extendint form the East-West centerline of said Section to a line therin distant 1800 feet less 200 foot wide right of way Norht half of section 24 Township 137 North of Range 49	12/26/2019	726,354.36	-	-	-	726,354.36
7-137-48 DESC TRACT A 1.60 COM AT A PT WHICH IS 1985' E OF THE SW COR OF SD SEC 7 & SD PT IS THE TR PT OF BEG OF TR HEREINAFTER DESC:: THENCE WITH A DEFLECTION TO THE LEFT OF 90 DEG FOR A DIST OF 456.4'; THENCE WITH A DEFLECTION TO THE RIGHT OF 73 D*		820.00	-	-	-	820.00
Government Lot 1, Section 18, Township 137 North, Range 49 West of the Fifth Principal Meridian	10/29/2019	278,164.68	-	5,837.31	-	284,001.99
The west half of the SW Quarter Section 4, in township 137, range 49 West of the fifth Principal Meridian AND the south half of SW quarter of section 27 in township 139 north of Range 49 west of the fifth Principle Meridian AND North Half of SW quarter of Section 27, township 138 range 49 west of the 5th Principle meridian SW Quarter of Section 34, Township 138 North of Range 49 West of the Fifth Principle Meridian	4/1/2020	2,640,140.00	-	-	-	2,640,140.00
South Half of SE quarter of Section 3 in township 137 north of Range 49 West of the fifth Principle Meridian	4/1/2020	1,241,289.53	-	-	-	1,241,289.53
Lot 1 Block 1 Schmitz and Brennan Subdivision (NW quarter of Section 10, Township 139 Range 50 West of the fifth Principle Meridian)	4/1/2020	472,135.00	-	-	-	472,135.00
East 100 acres of the west 202 acres in the north half of section 34, township 140 north of range 50 west of the fifth Principle Meridian	4/1/2020	413,907.88	-	-	-	413,907.88
Tract in NE quarter section 32, township 138 north, Range 49, West of the fifth Principle Meridian	4/1/2020	505,635.00	-	-	-	505,635.00
ROW: south half of NW quarter and the N half of the SW quarter of section 24 township 138 north, Range 50 west of the fifth Principle Meridian	4/30/2020	697,800.00	-	-	-	697,800.00
ROW: NW quarter of the NW quarter and the north half of the SQ quarter of the NW quarter and Governments lots 1 & 2 section 36 Township 142 North Range 49 West	4/30/2020	1,335,336.14	-	-	-	1,335,336.14
SW quarter and the South half of the south half of the NW quarter of section 5 in township 138 north of Range 49 West of the Fifth Principle Meridian	4/30/2020	665,816.00	-	-	-	665,816.00
North half of the SE quarter of section 3, Township 137 North, Range 49 West of the Fifth Principle Meridian	4/30/2020	1,250.00	-	-	-	1,250.00
Lot of Job Third Subdivision (A replat of Block 1, Job Second Subdivision of a part of the NE Quarter of Section 35, Township 137 North, Range 49 West	4/30/2020	893,008.11	-	-	-	893,008.11
	4/30/2020	736,482.37	-	-	-	736,482.37
Part of Lot 62, 63 and part of Lot 64, Oxbow Country Club and Estates	4/30/2020	1,500.00	-	-	-	1,500.00
NE and NW Quarter of Section 10 Township 139 North Range 50 West of the fifth Principle Meridian	4/30/2020	1,034,530.32	-	-	-	1,034,530.32
		125,042,879.70	-	35,151,751.88	(1,107,856.01)	159,086,775.57
		(32,000.00)			10,000.00	
				Property Management Expense		2,410,496.83
				Grand Total		\$ 161,497,272.40

FM Metropolitan Area Flood Risk Management Project
In-Town Levee Work
as of April 30, 2020

Vcode #	Vendor Name	Descriptions	Contract Amount	Amount Paid
V02801	Industrial Builders	WP42.A2 - 2nd Street North Pump Station	\$ 8,696,548.46	\$ 8,696,548.46
V02802	Terracon Consulting	WP-42 (In Town Levees) Materials Testing	\$ 909,149.49	\$ 882,451.41
V02803	Consolidated Communications	2nd Street Utility Relocation	\$ 1,178,781.73	\$ 1,178,781.73
V02804	702 Communications	2nd Street Utility Relocation	\$ 266,892.07	\$ 266,892.07
		WP-42A.1/A.3 - 4th St Pump Station & Gatewell and 2nd St		
V02805	ICS	Floodwall S	\$ 17,612,237.19	\$ 17,500,178.16
V02806	HMG	WP42 - Services During Construction	\$ 6,185,022.82	\$ 6,061,553.64
V02807	CCJWRD	In-Town Levee Work	\$ 5,886,140.36	\$ 5,886,140.36
V02808	City of Fargo	Relocation of fiber optic along 2nd Street North	\$ 397,906.52	\$ 397,906.52
V02809	AT & T	2nd Street Utility Relocation	\$ 586,269.60	\$ 586,269.60
V02811	Xcel Energy	2nd Street & 4th Street Utility Relocations	\$ 769,791.73	\$ 769,791.73
V02812	Industrial Builders	WP-42F.1S - 2nd Street North Floodwall, South of Pump Station	\$ 16,720,591.15	\$ 16,720,591.15
V02813	Landwehr Construction	Park East Apartments Demolition	\$ 1,169,651.74	\$ 1,169,651.74
V02814	Primoris Aevenia	2nd Street Utility Relocation	\$ 16,230.00	\$ 16,230.00
V02815	Centurylink Communications	2nd Street Utility Relocation	\$ 2,660,937.92	\$ 2,660,937.92
V02816	Landwehr Construction	WP-42C.1 - In-Town Levees 2nd Street/Downtown Area Demo	\$ 907,999.08	\$ 907,999.08
V02817	Reiner Contracting, Inc	WP-42H.2 - El Zagal Area Flood Risk Management	\$ 1,599,646.21	\$ 1,599,646.21
V02818	Industrial Builders	WP-42I.1 - Mickelson Levee Extension	\$ 738,880.50	\$ 738,880.50
V02819	Industrial Builders	WP42F.1N - 2nd Street North	\$ 13,362,906.82	\$ 13,362,906.82
V02820	CH2M Hill	WP42 - Construction Management Services	\$ 851,775.30	\$ 851,775.30
V02821	Hough Incorporated	WP42F.2 - 2nd Street South	\$ 1,639,524.33	\$ 1,639,524.33
V02822	City of Fargo	COF - 2016 O&M on Lifts	\$ 111,761.97	\$ 111,761.97
	Hoffman & McNamara Nursery			
V02823	& Lan	WP-42G General Landscaping and Planting	\$ 486,502.29	\$ 472,091.04
V02824	City of Fargo	COF – In-Town Flood Protection Debt Payments	\$ 12,590,315.00	\$ 12,590,315.00
V01703	Various	In-Town Property Purchases	\$ 39,409,623.22	\$ 38,192,183.71
V02825	Industrial Builders	WP-42E - 2nd Street South and Main Avenue Flood Mitigation	\$ 8,585,709.07	\$ 7,733,259.46
V05401	City of Fargo	FM15F2 - Harwood, Hackberry & River Drive - Demo/ Levee	\$ 749,375.28	\$ 749,375.28
V05402	City of Fargo	FM15K1 - Rosewood Addition - Demo/Levee/Floodwall	\$ 2,622,612.82	\$ 2,622,612.82
V05403	City of Fargo	HD18A1 - Oakcreek, Copperfield & University - Demo	\$ 95,083.25	\$ 95,083.25
V054XX	City of Fargo	In-Town Complementary Work - Reimbursements	\$ 11,073,480.20	\$ 11,073,480.20
			<u>\$ 157,881,346.12</u>	<u>\$ 155,534,819.46</u>

Fargo-Moorhead Metropolitan Area Flood Risk Management Project
State Water Commission Funds Reimbursement Worksheet
Fargo Flood Control Project Costs - HB1020 & SB2020

Time Period for This Request: March 1, 2020 - March 31, 2020

Drawdown Request No: 101	
Requested Amount:	\$ 1,432,479.03
Total Funds Expended This Period:	2,417,309.06
Total Funds Requested at 100% Match	447,649.00
Remaining Funds Requested at 50% Match	1,969,660.06
SB 2020 Matching Requirements	50%
Total Funds Requested at 50% Match	984,830.03
Total Funds Requested:	1,432,479.03

STATE AID SUMMARY:

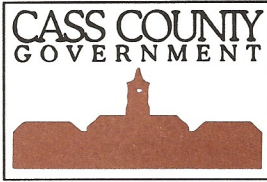
Summary of State Funds Appropriated		
Appropriations from 2009 Legislative Session	\$	45,000,000
Appropriations from 2011 Legislative Session		30,000,000
Appropriations from 2013 Legislative Session		100,000,000
Appropriations from 2015 Legislative Session		69,000,000
Appropriations from 2015 Legislative Session - Interior Flood Control		60,000,000
Appropriations from 2017 Legislative Session		66,500,000
Anticipated appropriations to be funded in 2019 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2021 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2023 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2025 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2027 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2029 Legislative Session	47,000,000	
Total State Funds	379,500,000	370,500,000
Less: Payment #1 through #35 - City of Fargo		(55,510,209.00)
Less: Payment #1 - Cass County		(136,039.36)
Less: Payment #1 through #7 - Interior Flood Control		(60,000,000.00)
Less: Payment #1 through #28 - FM Diversion Authority		(38,049,107.00)
Less: Payment #29 through #75 - FM Metro Area Flood Risk Management Project		(93,470,290.00)
Less: Payment #76 - FM Metro Area Flood Risk Management Project		(433,312.97)
Less: Payment #77 - FM Metro Area Flood Risk Management Project		(11,892.35)
Less: Payment #78 - FM Metro Area Flood Risk Management Project		(244,521.99)
Less: Payment #79 - FM Metro Area Flood Risk Management Project		(255,691.15)
Less: Payment #80 - FM Metro Area Flood Risk Management Project		(121,908.95)
Less: Payment #81 - FM Metro Area Flood Risk Management Project		(105,433.98)
Less: Payment #82 - FM Metro Area Flood Risk Management Project		(135,130.77)
Less: Payment #83 - FM Metro Area Flood Risk Management Project		(13,901.70)
Less: Payment #84 - FM Metro Area Flood Risk Management Project		(558,592.20)
Less: Payment #85 - FM Metro Area Flood Risk Management Project		(229,746.00)
Less: Payment #86 - FM Metro Area Flood Risk Management Project		(6,421,825.21)
Less: Payment #87 - FM Metro Area Flood Risk Management Project		(59,863.29)
Less: Payment #88 - FM Metro Area Flood Risk Management Project		(6,650,000.00)
Less: Payment #89 - FM Metro Area Flood Risk Management Project		(973,992.33)
Less: Payment #90 - FM Metro Area Flood Risk Management Project		(1,294,793.15)
Less: Payment #91 - FM Metro Area Flood Risk Management Project		(88,136.44)
Less: Payment #92 - FM Metro Area Flood Risk Management Project		(2,835,957.03)
Less: Payment #93 - FM Metro Area Flood Risk Management Project		(750,500.56)
Less: Payment #94 - FM Metro Area Flood Risk Management Project		(6,250.00)
Less: Payment #95 - FM Metro Area Flood Risk Management Project		(111,960.91)
Less: Payment #96 - FM Metro Area Flood Risk Management Project		(3,699,516.47)
Less: Payment #97 - FM Metro Area Flood Risk Management Project		(1,954,126.65)
Less: Payment #98 - FM Metro Area Flood Risk Management Project		(4,111,403.41)
Less: Payment #99 - FM Metro Area Flood Risk Management Project		(114,099.62)
Less: Payment #100 - FM Metro Area Flood Risk Management Project		(98,001.53)
Less: Payment #101 - FM Metro Area Flood Risk Management Project		(1,432,479.03)
Total Funds Reimbursed		(279,878,683.05)
Total State Fund Balances Remaining		90,621,316.95

Fargo-Moorhead Metropolitan Area Flood Risk Management Project
State Water Commission Funds Reimbursement Worksheet
Fargo Flood Control Project Costs - HB1020 & SB2020

LOCAL MATCHING FUNDS SUMMARY:		
Matching Funds Expended To Date - FM Metro Area Flood Risk Management Project	\$	90,429,021
Less: Match Used on Payment #1 through #35 - City of Fargo		(41,506,620)
Less: Match used on Payment #1 - Cass County		(136,039)
Less: Match Used on Payment #1-28 - FM Diversion Authority		(11,052,710)
Less: Match Used on Payment #29 - 75 - FM Metro Area Flood Risk Management Project		(22,172,839)
Less: Match Used on Payment #82 - FM Diversion Authority		(135,131)
Less: Match Used on Payment #83 - FM Diversion Authority		(13,902)
Less: Match Used on Payment #84 - FM Diversion Authority		(558,592)
Less: Match Used on Payment #85 - FM Diversion Authority		(229,746)
Less: Match Used on Payment #86 - FM Diversion Authority		(6,421,825)
Less: Match Used on Payment #87 - FM Diversion Authority		(59,863)
Less: Match Used on Payment #89 - FM Diversion Authority		(527,365)
Less: Match Used on Payment #90 - FM Diversion Authority		(355,580)
Less: Match Used on Payment #92 - FM Diversion Authority		(168,249)
Less: Match Used on Payment #93 - FM Diversion Authority		(223,766)
Less: Match Used on Payment #96 - FM Diversion Authority		(3,699,516)
Less: Match Used on Payment #97 - FM Diversion Authority		(778,204)
Less: Match Used on Payment #98 - FM Diversion Authority		(1,843,423)
Less: Match Used on Payment #100 - FM Diversion Authority		(98,002)
Less: Match Used on Payment #101 - FM Diversion Authority		(447,649)
Balance of Local Matching Funds Available	\$	0

Finance Committee Bills from May 2020

Vendor	Description		
Cass County Joint Water Resource District	Diversion bills	\$	3,698,746.36
Dorsey & Whitney	Legal services rendered through March 31, 2020	\$	383,673.75
Ohnstad Twichell, P.C.	Professional services rendered	\$	166,035.91
Clay County	Diversion bills - Moorhead Clay County Joint Powers Authority	\$	510,034.11
Total Bills Received through May 22, 2020		\$	4,758,490.13



Cass County
Joint Water
Resource
District

May 4, 2020

Dan Jacobson
Chairman
West Fargo, North Dakota

Rodger Olson
Manager
Leonard, North Dakota

Ken Lougheed
Manager
Gardner, North Dakota

Jacob Gust
Manager
Fargo, North Dakota

Keith Weston
Manager
Fargo, North Dakota

Diversion Authority
P.O. Box 2806
Fargo, ND 58108-2806

Greetings:

RE: Metro Flood Diversion Project
Oxbow-Hickson-Bakke Ring Levee Project

Enclosed please find copies of bills totaling \$3,698,746.36 regarding the above referenced projects. The breakdown is as follows:

Metro Flood Diversion	\$3,664,193.49
Oxbow-Hickson-Bakke Ring Levee	34,552.87

At this time, we respectfully request 100% reimbursement per the Joint Powers Agreement between the City of Fargo, Cass County and Cass County Joint Water Resource District dated June 1, 2015.

If you have any questions, please feel free to contact us. Thank you.

Sincerely,

CASS COUNTY JOINT WATER RESOURCE DISTRICT

Carol Harbeke Lewis
Secretary-Treasurer

Enclosures

Carol Harbeke Lewis
Secretary-Treasurer

1201 Main Avenue West
West Fargo, ND 58078-1301

701-298-2381
FAX 701-298-2397
wrld@casscountynynd.gov
casscountynynd.gov

METRO FLOOD DIVERSION RIGHT OF ENTRY/LAND ACQUISITION COST SHARE INVOICES							5/4/2020
Invoice	Invoice	Invoice		Project			
Paid	Date	No.		No.	Amount	Vendor	Description
					426.80	Cass County Joint WRD	Postage for formal offers
					571.00	Cass County Joint WRD	2284 pages printed for formal offers
					42.90	Cass County Joint WRD	remailing of returned formal offer letter
4/10/2020	4/10/2020				155.00	The Title Company	Maxine Nelson Trust purchase
4/10/2020	4/10/2020				638770.56	The Title Company	Hecock Trust purchase
4/20/2020	3/13/2020	4474			925.00	Crown Appraisals	Appraisal pkg #2
4/20/2020	3/26/2020	167736		130007	20,251.09	Ohnstad Twichell, P.C.	Legal-Diversion ROW Acquisition
4/20/2020	3/26/2020	167738		160007	2,009.00	Ohnstad Twichell, P.C.	Legal-Diversion Authority Agreement-Drains
4/20/2020	3/31/2020	167943		187007	11,551.50	Ohnstad Twichell, P.C.	Legal-Bio/Geo Easements
4/20/2020	4/1/2020	167948		207007	47,343.83	Ohnstad Twichell, P.C.	Legal-Bio/Geo Easements - Court action
4/20/2020	4/1/2020	167947		197007	1,412.85	Ohnstad Twichell, P.C.	Legal-2019 ROE Court Actions
4/20/2020	3/26/2020	167739		160007	3,001.00	Ohnstad Twichell, P.C.	Legal-Channel Phase I
4/20/2020	3/26/2020	167740		160007	4,743.00	Ohnstad Twichell, P.C.	Legal-Channel Phase II
4/20/2020	3/26/2020	167741		160007	19,172.00	Ohnstad Twichell, P.C.	Legal-Channel Phase III
4/20/2020	3/26/2020	167747		207007	1,825.50	Ohnstad Twichell, P.C.	Legal-I-29 Grade Raise
4/20/2020	3/26/2020	167743		187007	9,101.50	Ohnstad Twichell, P.C.	Legal-Southern Embankment
4/20/2020	3/26/2020	167742		170007	21,854.50	Ohnstad Twichell, P.C.	Legal-Upstream Mitigation Area
4/20/2020	3/26/2020	167744		197007	2,388.60	Ohnstad Twichell, P.C.	Legal-ROW Wild Rice Structure
4/20/2020	3/26/2020	167745		197007	7,723.50	Ohnstad Twichell, P.C.	Legal-Western Tie Back
4/20/2020	3/31/2020	23345		19706	270.00	Moore Engineering, Inc.	Task Order #12 - MOU Review
4/20/2020	3/31/2020	1975		2004	99,766.59	Houston Moore Group	Engineering - property acquisition services - TO 4
4/20/2020	3/31/2020	1976		2005	47,376.35	Houston Moore Group	Engineering - property acquisition services - TO 5
4/20/2020	3/5/2020	92086		R12.00049	11,564.50	Ulteig Engineers	Engineering - Task 1 - project management, ROW and Rel Ass
4/20/2020	3/2/2020				33,068.37	Freier Enterprises, LLC	Relocation claim
4/20/2020	3/25/2020	15609			29.70	Cass Rural Water Users District	service on 4107 124th Ave S
4/20/2020	3/25/2020	16332			54.05	Cass Rural Water Users District	service on 4115 124 Ave S
4/20/2020	3/25/2020	16095			34.70	Cass Rural Water Users District	Service on 5150 170th Ave S
4/20/2020	3/25/2020	15311			34.70	Cass Rural Water Users District	Service on 17554 Pfiffer Dr
4/20/2020	3/31/2020				4,000.00	Tinjum Appraisal Company Inc	Appraisal pkg #14 for OIN 8922
4/20/2020	3/31/2020				8,000.00	Tinjum Appraisal Company Inc	Appraisal pkg #14 for oIN 1975 & 8856
4/20/2020	4/4/2020	9142001			121.43	Red River Valley Coop Power	Service to 16678 3rd St S Moorhead MN
4/20/2020	4/6/2020	1133018			206.25	Cass County Electric Cooperative	Service to 4115 124 Av S
4/20/2020	4/6/2020	1125415			47.18	Cass County Electric Cooperative	Service to 4510 112 Av S
4/20/2020	4/6/2020	1125687			106.37	Cass County Electric Cooperative	Service to 17411 Horse Haven Dr
4/20/2020	4/6/2020	1125656			175.79	Cass County Electric Cooperative	Service to 17554 Pfiffer Dr
4/28/2020	2/18/2020	1940		2004	65,913.24	Houston Moore Group	Engineering - property acquisition services - TO 4
4/28/2020	3/31/2020	21364		3283-00	28,379.14	ProSource Technologies LLC	Task Order #2-Proj mgmt and acquisition services
4/28/2020	4/16/2020				5,000.00	Tinjum Appraisal Company Inc	Appraisal pkg #14 - OIN 1930, 1932,1940, 1941, 857 and 8518
4/28/2020	4/15/2020				33,387.07	Bradley Johnson	residential moving cost claim
4/28/2020					1,500.00	Estate of Neal S Holland	Environmental Monitoring Easement
4/28/2020	4/16/2020				322.00	Marsh & McLennan	liability insurance update
4/28/2020	4/10/2020	1160310			275.92	Cass County Electric Cooperative	Service to 3703 124 Av S
4/28/2020	4/14/2020	1121701			271.28	Cass County Electric Cooperative	Service to 4107 124th Ave S
4/28/2020	4/14/2020	1156251			316.73	Cass County Electric Cooperative	Service to 5150 170 Av SE
4/24/2020	4/24/2020				1,473,135.00	The Title Company	Property purchase - Orlen Valan Jr
4/24/2020	4/24/2020				1,057,568.00	The Title Company	Property purchase - Orlen Valan Jr
				Total	3,664,193.49		
OXBOW-HICKSON-BAKKE RING LEVEE INVOICES							
Invoice	Invoice	Invoice	Purchase	Project			
Paid	Date	No.	Order No.	No.	Amount	Vendor	Description
4/20/2020	3/26/2020	167737		140007	4,431.00	Ohnstad Twichell, P.C.	Legal-Oxbow-Hickson-Bakke Levee project
4/24/2020	4/24/2020				30,121.87	The Title Company	Property purchase - Northern Improvement Co
				Total	34,552.87		
				Grand Total	3,698,746.36		



Office of the City Attorney

City Attorney
Erik R. Johnson

Assistant City Attorney
Nancy J. Morris

May 21, 2020

Kent Costin
Finance Director
City of Fargo
225 4th Street North
Fargo, ND 58102

Re: Metro Flood Diversion Project

Dear Kent:

I am enclosing a Summary Invoice dated April 30, 2020 from the Dorsey & Whitney Firm in Minneapolis for their professional services rendered through March 31, 2020 on the Metro Flood Diversion Project. If you have any questions, please feel free to contact me. Please remit payment directly to Dorsey Whitney.

Sincerely,

Erik R. Johnson

ERJ/mw
Enclosure
cc: Bruce Grubb





MINNEAPOLIS OFFICE
612-340-2600

(Tax Identification No. 41-0223337)

STATEMENT OF ACCOUNT FOR PROFESSIONAL SERVICES

Fargo-Moorhead Flood Diversion Bd of Authority
c/o Erik R. Johnson & Associates, Ltd.
Attn: Erik Johnson
505 Broadway, Suite 206
Fargo, ND 58102

April 30, 2020
Invoice No. 3577956

Client-Matter No.: 491379-00001
Red River Diversion Project

For Legal Services Rendered Through March 31, 2020

INVOICE TOTAL

Total For Current Legal Fees	\$367,080.50
Total For Current Disbursement and Service Charges	\$16,593.25
Total For Current Invoice	\$383,673.75

For your convenience, please remit payment to the address below or we offer the option of remitting payment electronically by wire transfer. If you have any questions regarding this information, please contact the lawyer you are working with on this project or Dorsey's Accounts Receivable Department at 1-800-861-0760. Thank you.

Mailing Instructions:
Dorsey & Whitney LLP
P.O. Box 1680
Minneapolis, MN 55480-1680

Wire Instructions:
U.S. Bank National Association
800 Nicollet Mall
Minneapolis, MN 55402

(This account is only for Wire/ACH payments)
ABA Routing Number: 091000022
Account Number: 1047-8339-8282
Swift Code: USBKUS44IMT

Please make reference to the invoice number

Service charges are based on rates established by Dorsey & Whitney. A schedule of those rates has been provided and is available upon request. Disbursements and service charges, which either have not been received or processed, will appear on a later statement.

ALL INVOICES ARE DUE 30 DAYS FROM DATE OF INVOICE UNLESS OTHERWISE EXPRESSLY AGREED BY DORSEY & WHITNEY

OHNSTAD TWICHELL, P.C.
Attorneys at Law

P.O Box 458
West Fargo, ND 58078-0458
701-282-3249

15-1395

JTS Invoice # 168569

Flood Diversion Board
Bond Counsel Work - PPP

Date: May 11, 2020

To: Flood Diversion Board
P.O Box 2806
Fargo, ND 58108-2806

PROFESSIONAL SERVICES RENDERED			
	Hours	Rate	Totals
JTS	128.4	\$310.00	\$39,804.00
CMM	12.6	\$310.00	\$3,906.00
ADC	7.4	\$310.00	\$2,294.00
LDA	2.3	\$310.00	\$713.00
RGH	36.1	\$310.00	\$11,191.00
KJB	89.1	\$310.00	\$27,621.00
TJL	116.4	\$290.00	\$33,756.00
CBC	27.8	\$275.00	\$7,645.00
SRH	2.5	\$275.00	\$687.50
ABG	6.9	\$275.00	\$1,897.50
KJD	82.3	\$210.00	\$17,283.00
LRC	1.1	\$275.00	\$302.50
EMM	30	\$275.00	\$8,250.00
AJR	57.4	\$175.00	\$10,045.00
Total Fees:	600.3		\$165,395.50
Westlaw			\$107.47
AT&T			\$14.82
UPS			\$70.47
Travel/Mileage			\$447.65
Total Expenses:			\$640.41
Grand Total			\$166,035.91

		Rates
JTS	John T. Shockley, Partner, Supervising Attorney	\$310.00
CMM	Christopher M. McShane, Partner	\$310.00
ADC	Andrew D. Cook, Partner	\$310.00
SNW	Sarah M. Wear, Partner	\$310.00
RGH	Robert G. Hoy, Partner	\$310.00
KJB	Katie J. Bertsch, Partner	\$310.00
TJL	Tyler J. Leverington, Associate	\$290.00
CBC	Calley B. Campbell, Associate	\$275.00
LWC	Lukas W. Croaker, Associate	\$285.00
SRH	Stephen R. Hanson, Associate	\$275.00
ABG	Bo Gruchala, Associate	\$275.00
JRS	J.R. Strom, Associate	\$260.00
KJD	Kathryn J. DelZoppo, Associate	\$210.00
LRC	Leah R. Carlson, Associate	\$275.00
EMM	Elle M. Molbert, Associate	\$275.00
BTB	Brent T. Boeddeker, Associate	\$275.00
CAS	Carol A. Stillwell, Paralegal	\$175.00
JDR	Joshua D. Roaldson, Paralegal	\$175.00
AJR	Andrea J. Roman, Paralegal	\$175.00
CRA	Christie R. Axness, Paralegal	\$150.00
DLR	Dena L. Ranum, Legal Administrative Assistant	\$150.00

OHNSTAD TWICHELL, P.C.

WEST FARGO, NORTH DAKOTA 58078

COST ADVANCES BY US FOR YOUR ACCOUNT, FOR WHICH WE HAVE NOT
BEEN BILLED, WILL APPEAR ON YOUR NEXT STATEMENT.

PROFESSIONAL SERVICES RENDERED

15-1395 JTS Invoice # 168569 Flood Diversion Board		Bond Counsel Work - PPP
FILE NUMBER	MATTER DESCRIPTION	INVOICE - TOTAL FEES
151395-1	General Topics (Includes General Governance Questions, Notices, etc.)	\$21,775.50
151395-2	Executive Director	\$310.00
151395-3	P3 Procurement	\$25,218.50
151395-4	Public Finance Issues	\$26,240.00
151395-5	Consultant Contract Review/Development	\$4,499.00
151395-6	Support of External Litigation Counsel	\$2,108.50
151395-9	Environmental Permitting Issues/NEPA	\$227.50
151395-10	Insurance Issues	\$8,250.00
151395-12	USACE Interface/Questions	\$568.50
151395-13	Third Party Utility MOU's	\$57,670.00
151395-14	ICS Issues	\$13,622.50
151395-17	EPA WIFIA Loan	\$4,843.50
151395-20	USDOT PABs	\$62.00
TOTAL		\$165,395.50

COUNTY AUDITOR

LORI J. JOHNSON

Office Telephone: (218) 299-5006

Fax: (218) 299-5195



May 10, 2020

Diversion Authority
P.O. Box 2806
Fargo, ND 58108-2806

Greetings:

RE: Metro Flood Diversion Project

Enclosed please find a summary of invoices/expense paid by Clay County for the FM Flood Diversion project. All requests were approved or authorized by the Diversion Authority. Current invoice/expense reimbursement is as follows:

Metro Flood Diversion

\$510,034.11

Currently, we respectfully request 100% reimbursement as per the Joint Powers Agreement.

If you have any questions, please feel free to contact us.

Sincerely,

Lori J. Johnson
Clay County Auditor

Enclosures

FM Diversion MCCIPA invoices

Vendor	Invoice Date	Invoice Amount	Invoice #	Date Emailed for Approval	Date Approved	Date Paid	Check #
Barnesville Record Review	8/19/19	\$40.00	8427	4/16/20	4/17/20	9/25/19	514544
Barnesville Record Review	9/23/19	\$20.00	9473	4/16/20	4/17/20	10/16/19	514814
Ohnstad Twichell	11/6/19	\$35,561.63	165578	11/1/19	11/11/19	10/23/19	93167
Ohnstad Twichell	11/6/19	\$60.00	165579	11/1/19	11/11/19	10/23/19	93167
Ohnstad Twichell	11/6/19	\$2,479.00	165580	11/1/19	11/11/19	10/23/19	93167
Ohnstad Twichell	11/12/19	\$1,058.00	165728	11/26/19	12/3/19	12/18/19	94160
Ohnstad Twichell	11/12/19	\$77.00	165727	11/26/19	12/3/19	12/18/19	94160
Ohnstad Twichell	11/12/19	\$7,987.00	165726	11/26/19	12/3/19	12/18/19	94160
Lake Region Electric Coop	1/3/20	\$200.00	email	1/3/20	1/13/20	1/6/20	94401
Ohnstad Twichell	12/3/19	\$118.00	165902	12/19/19	12/16/19	1/8/20	94439
Ohnstad Twichell	12/3/19	\$2,850.00	166244	12/19/19	12/24/19	1/8/20	94439
Ohnstad Twichell	12/3/19	\$10,373.50	165901	12/19/19	12/24/19	1/8/20	94439
Barnesville Record Review	11/18/19	\$20.00	11548	12/19/19	12/24/19	1/8/20	515953
Ohnstad Twichell	1/13/20	\$2,092.00	166504	1/29/20	1/31/20	2/5/20	94864
Ohnstad Twichell	1/13/20	\$1,581.00	166505	1/29/20	1/31/20	2/5/20	94864
Ohnstad Twichell	1/13/20	\$3,889.00	166506	1/29/20	1/31/20	2/5/20	94864
Ohnstad Twichell	1/13/20	\$2,447.05	166507	1/29/20	1/31/20	2/5/20	94864
Lake Region Electric Coop	2/7/20	\$310.38		2/7/20	2/11/20	2/12/20	94988
Barnesville Record Review	12/9/19	\$20.00	12573	1/29/20	2/4/20	2/12/20	516452
Lake Region Electric Coop	3/6/20	\$172.19		3/13/20	3/18/20	3/25/20	95683
The Title Company		\$419,921.87				3/26/20	905555
The Hawley Herald	2/17/20	\$25.00	4305	3/19/20	3/25/20	4/1/20	517224
Compass Land Consultants	3/23/20	\$8,850.00	20015		4/1/20	4/8/20	95890
Lisa Greer		\$275.00			3/19/20	4/8/20	95904
Rinke Noonan Law Firm	1/17/20	\$2,993.50			3/19/20	4/8/20	95919
Barnesville Record Review	2/29/20	\$20.00	10510	3/24/20	4/6/20	4/8/20	517266
Ohnstad Twichell	2/19/20	\$4,203.54	167640	4/1/20	4/13/20	4/15/20	96001
Wilkin Co Auditor	4/1/20	\$4.00	22-101-0410	4/1/20	4/8/20	4/15/20	96029
Wilkin Co Auditor	4/1/20	\$2,178.00	22-006-0700	4/1/20	4/8/20	4/15/20	96030
The Hawley Herald	3/16/20	\$20.00	4311	4/16/20	4/17/20	4/22/20	
Lake Region Electric Coop	4/1/20	\$187.45		4/16/20	4/22/20	4/29/20	96157
Total		\$510,034.11					

**RESOLUTION CONFIRMING APPOINTMENT OF
SECRETARY TO DIVERSION AUTHORITY BOARD**

of the

METRO FLOOD DIVERSION AUTHORITY

Approved on May __, 2020

This Resolution was drafted by:
Ohnstad Twichell, P.C.
P.O. Box 458
West Fargo, North Dakota 58078

Member _____ introduced the following resolution and moved for its adoption:

**RESOLUTION CONFIRMING APPOINTMENT OF
SECRETARY TO DIVERSION AUTHORITY BOARD**

WHEREAS, the Metro Flood Diversion Authority (the “Diversion Authority”) was established by five (5) member entities through the execution of a Joint Powers Agreement, dated June 1, 2016 (the “JPA”), for the purpose of designing, constructing, financing, operating, and maintaining the Fargo-Moorhead Metropolitan Area Flood Risk Management Project (the “Project”); and

WHEREAS, Section 5.08 of the JPA establishes the Secretary position and provides that the Secretary is a position appointed by the Diversion Authority Board; and

WHEREAS, Heather Worden was previously serving as the Secretary to the Diversion Authority Board and Brielle Edwards was serving as Secretary of the Finance Committee of the Diversion Authority; and

WHEREAS, the Diversion Authority has hired a full-time administrative employee who will be taking over the roles and responsibilities of the Secretary position for the Diversion Authority Board and the Finance Committee; and

WHEREAS, pursuant to Sections 5.01 and 5.08 of the JPA, the Diversion Authority Board desires to appoint and confirm Dawn Lindblom as the Secretary of the Metro Flood Diversion Authority.

NOW, THEREFORE, BE IT RESOLVED by the governing body of the Metro Flood Diversion Authority:

1. Appointment. The Diversion Authority Board hereby appoints Dawn Lindblom to replace Heather Worden and serve as the Secretary of the Metro Flood Diversion Authority and to replace Brielle Edwards and serve as the Secretary of the Finance Committee. Ms. Lindblom will serve in these roles until resignation or until further action by the Diversion Authority Board.
2. Effective Date. The above-described appointment will commence immediately.

Dated: May __, 2020.

METRO FLOOD DIVERSION AUTHORITY

APPROVED:

Timothy J. Mahoney, Chair

ATTEST:

Johnathan R. Judd, Vice Chair

The motion for adoption of the foregoing resolution was duly seconded by Member _____ and upon roll call vote, the following Members voted in favor thereof:

_____. The
following were absent and not voting: _____. The
following voted against the same: _____. A majority of the Members
having voted aye, the resolution was declared duly passed and adopted.



May 20, 2020

Mr. Joel Paulsen
Executive Director
FM Area Diversion Project
207 4th Street North, Suite A
Fargo, ND 58102

RE: Rural Impact Mitigation Program
Recommendation for Approval by Diversion Board of Authority

Dear Mr. Paulsen:

The Fargo-Moorhead Area Diversion Project (Project) will impact approximately two dozen existing farmsteads and rural businesses. Several of these farmsteads and rural businesses will be displaced due to potential impacts from the Project. Suitable replacement properties for the displaced farmsteads and rural businesses may not be readily available, which could result in a need to construct new farmstead or rural business sites for the displaced businesses to continue their operations. Due to the importance of the farmsteads and rural businesses to the region, we have developed and recommend approval of a Rural Impact Mitigation Program (RIMP) to provide financial allowances to help with re-establishment of the displaced farmsteads and rural businesses.

Please find attached additional information related to the proposed RIMP, including a section from the draft Mitigation Plan and brief presentation. In summary, the proposed RIMP will provide financial assistance in the form of a forgivable loan to the owners of displaced farmsteads and rural businesses. The RIMP payment would be above and beyond the just-compensation amount and standard relocation benefits due to the impacted properties, and the RIMP payment would be based on actual costs associated with re-establishment of a functionally equivalent farmsteads and rural businesses. Based on a review of budgetary information for the impacted farmsteads and rural businesses and based on very preliminary estimated costs to construct functionally equivalent properties, it is estimated that the RIMP will cost approximately \$5 to \$10 million above the current budget, which was developed in 2018 based on the Project details known at that time.

The proposed RIMP is modeled after a successful program utilized for displaced businesses on a highway/bridge project in central Minnesota. We anticipate that this program will provide a framework to successfully re-establish the displaced farmsteads and rural businesses. The Cass County Joint Water Resource District has reviewed and supports the proposed RIMP. As such, we request approval from the Diversion Board of Authority.

Submitted in service,

A handwritten signature in blue ink, appearing to read 'Eric Dodds', is written over a light blue horizontal line.

Eric C. Dodds
Lands Program Manager

Rural Impact Mitigation Program

Introduction

The Fargo-Moorhead Area Diversion Project (Project) will impact approximately two dozen existing farmsteads and rural businesses. Several of these farmsteads and rural businesses will be displaced due to potential Project impacts, and suitable replacement sites for the displaced farmsteads and rural businesses may not be readily available. Due to the regional importance of these farmsteads and rural businesses to the region, the Diversion Authority has established the Rural Impact Mitigation Program (RIMP) to provide financial assistance to help with relocation and re-establishment of the displaced farmsteads and rural businesses.

Program Intention and Framework

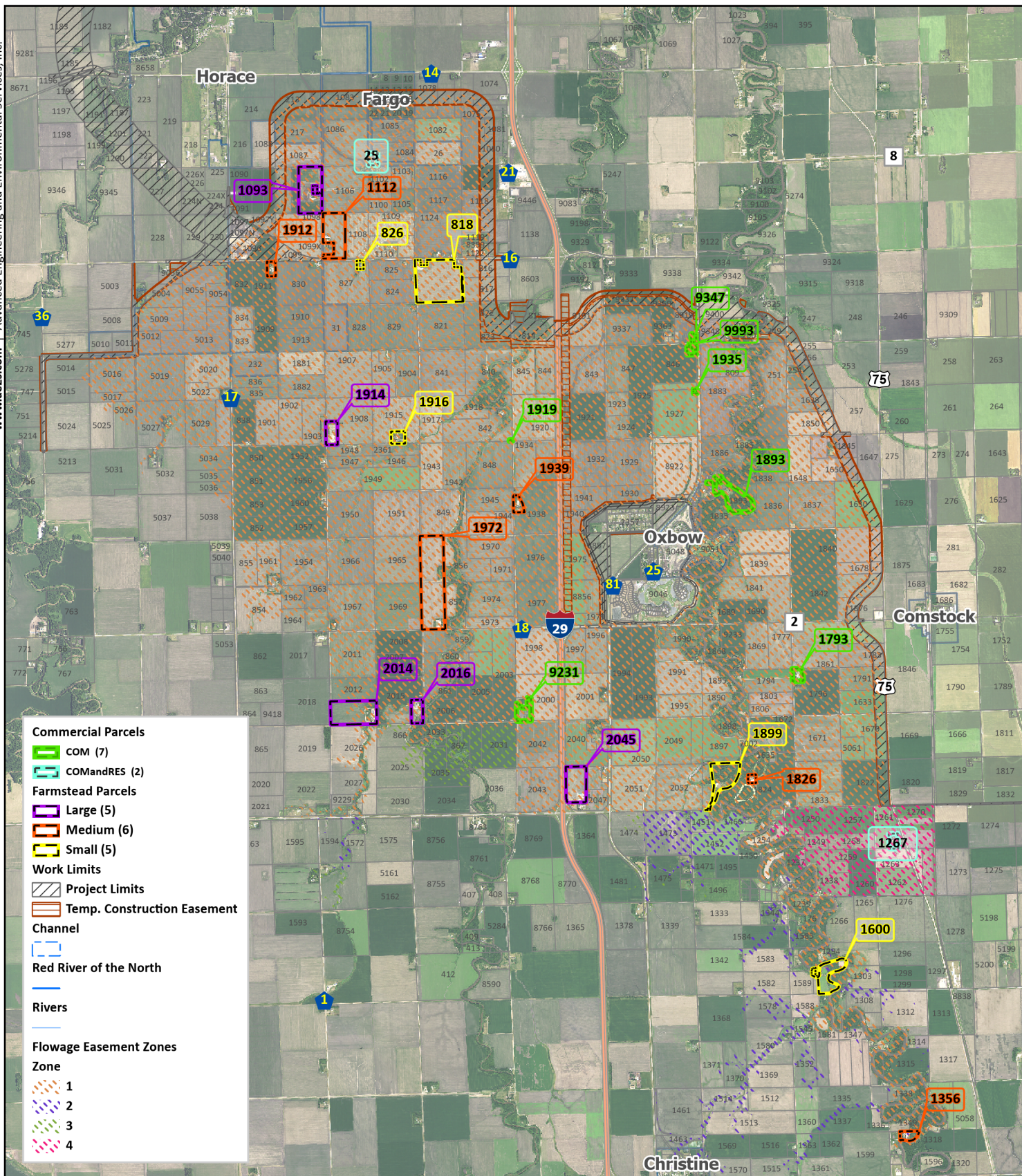
Owners of displaced farmsteads and businesses may be entitled to payments for real property and relocation benefits under the Uniform Relocation Act (URA), depending on individual circumstances. The just compensation paid for acquisition of properties through the URA may not be enough to acquire and build (if necessary) a suitable replacement property.

The RIMP establishes the protocols and financial allowances to help relocate and reestablish farmsteads, businesses and nonprofit organizations impacted by the Project when URA payments are not enough to do so. One of the purposes of the RIMP is to assist in reestablishing displaced farmsteads and businesses thereby helping maintain the economic vitality of the local farm and rural business community. Details associated with the RIMP include:

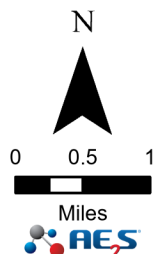
1. The RIMP is for situations where a suitable replacement site is not available for the displaced business, as determined by the acquiring agency.
2. To be eligible for RIMP benefits, the property owner must operate (or lease a facility for) a farmstead, business, or non-profit from the displacement site.
3. To be eligible for RIMP benefits, the replacement site must be constructed in the vicinity of the Project, generally considered within the counties of Cass and Richland in North Dakota, and Clay and Wilkin in Minnesota.
4. Displaced landlords must make reasonable efforts to accommodate displaced business tenants for them to be eligible for RIMP payments.
5. The RIMP payment would be in the form of a forgivable loan with provisions that the loan recipient continue to utilize the newly constructed farmstead or business for the purposes in which the loan was intended. Owners of displaced farmsteads and businesses would be required to spend the RIMP payments on re-establishing their operations and operating them for 10-years after the RIMP payment is made to receive full loan forgiveness. The loan amount would be based on actual costs. The loan amount would be fixed at full-value for 5-years, then be

reduced 20 percent per year for the next 5-years. The loan would be fully transferrable if the property owner sells the farmstead, business, or non-profit operation.

6. Consistent with the typical acquisition process, an appraisal will be obtained to establish the market value of the existing real property on which an existing farmstead, business, or non-profit operation.
7. A relocation consultant will work with the owner of the property to identify and classify items as real estate or moveable personal property.
8. Farmstead and business specialists will help establish the requirements to re-create a functionally equivalent farmstead or business site. This may include:
 - a. Determining the replacement cost for construction of a functionally equivalent farmstead or business.
 - b. Determining the site improvement costs necessary for the farmstead or business.
 - c. Preparing a report for each farmstead or business site summarizing the re-build and functionally equivalent replacement cost.
 - d. Conducting onsite meetings/inspections with farmstead or business site owners/operators.
9. The land agent will be responsible for preparing a comprehensive mitigation report including the market value, relocation benefits, and RIMP benefits



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S does not warrant this map or its features are either spatially or temporally accurate.
 Edited by: cwickenheiser | C:\Data\Projects\GIS Projects\FM Area Diversion\UMA.aprx | Farmstead Map UMA



FARMSTEADS AND COMMERCIAL ZONES 1-4 UPSTREAM MITIGATION AREA

FM AREA DIVERSION PROJECT
Map Date: 4/2/2020





Rural Impact Mitigation Program

Presenter

Location or Group

DRAFT



DRAFT

Rural Impact Mitigation Program

- The 'Rural Impact Mitigation Program' (RIMP) seeks to relocate and re-establish businesses, farms, and nonprofit organizations affected by the FM Area Diversion Project. It does this by identifying farmsteads and businesses directly displaced by the Project, so that construction will not harm the economic vitality of the local farm and rural business community.
- The RIMP is for situations where a suitable replacement site is not available for the displaced business to relocate to.
- The just compensation paid for acquisition of properties may not be sufficient to acquire and build (if necessary) a suitable replacement property. To assist with this problem, displacees may be eligible for RIMP compensation to assist with covering the "gap" between the cost of a replacement site and improvements and the just compensation payment for acquisition of the displaced site and improvements.
- Displacees may be entitled to payments for real property and relocation benefits under the Uniform Relocation Act, depending on individual circumstances. RIMP provides additional assistance to make it possible for these businesses to remain and in the area.



DRAFT

RIMP Details

- Property owner must operate a business, farm, or non-profit from the displacement site to be eligible for RIMP payment
- Displaced landlords must make reasonable efforts to accommodate displaced business tenants for them to be eligible for RIMP payments
- The RIMP payment would be in the form of a forgivable loan. The displacee would be required to spend the RIMP payments on re-establishment of their operations and continue operating for 10-years after the RIMP payment is made to receive full loan forgiveness. The loan amount would be fixed at full-value for 5-years, then be reduced 20% per year for the next 5-years.

DRAFT

RIMP By The Numbers

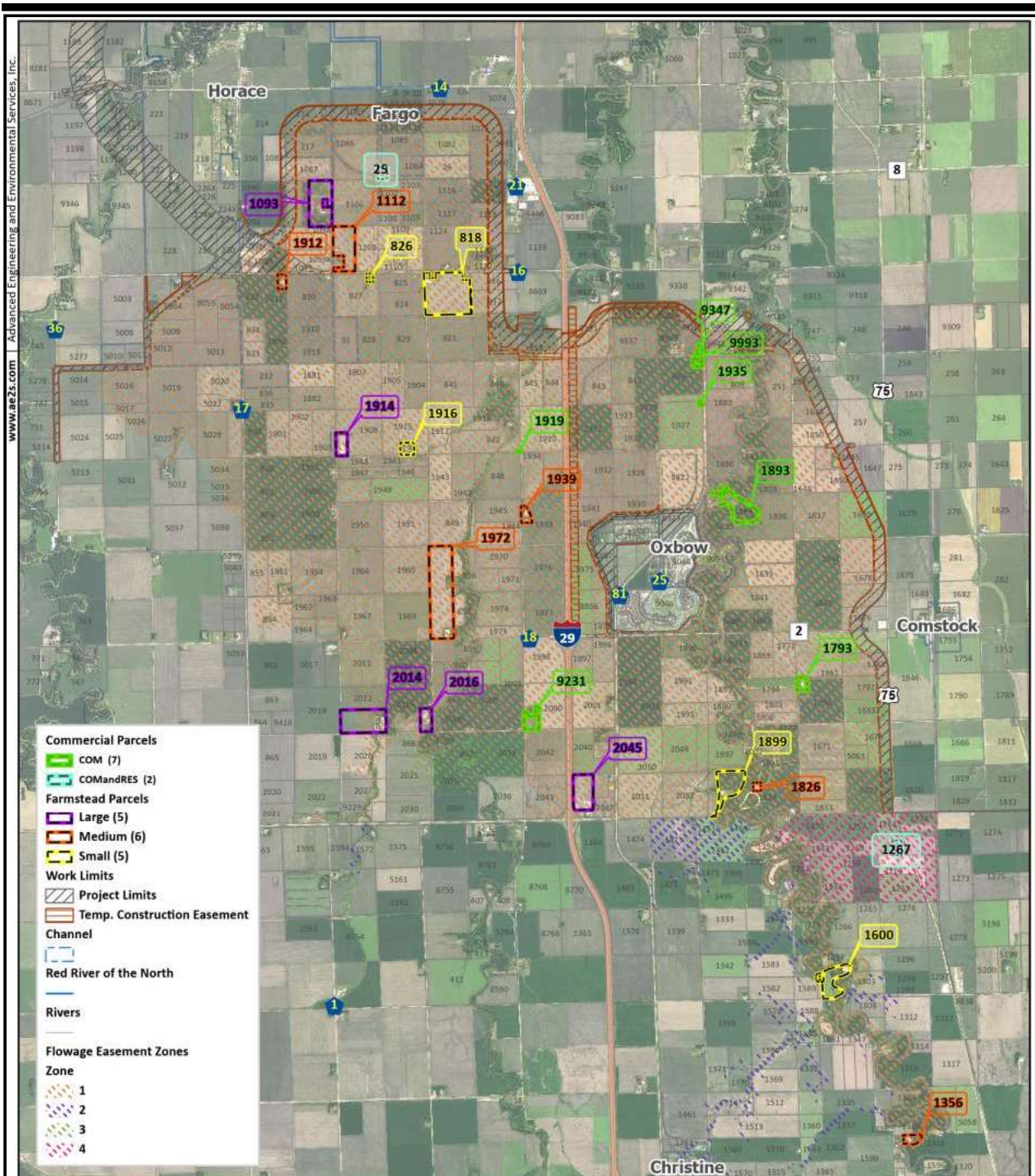
Affected Farmsteads and Rural Businesses

- 16 Farmsteads
 - 15 in ND
 - 1 in MN
- 9 Known Rural Commercial Properties
 - 7 in ND
 - 2 in MN
 - (3 are utilities, which will be mitigated via an MOU)



DRAFT

Farmstead and Rural Business Map



DRAFT

Comprehensive Mitigation Package for Businesses, Farms, & Non-Profits

Existing Real
Property for
Business
Operation

Just
Compensation

Determined by
Market Based
Appraisal

Certified
Appraiser

URA Benefits

Relocation &
Re-establishment
Benefits

Determined by
Uniform
Relocation Act
(URA)

Relocation
Specialist

RIMP

Business
Replacement
Benefits

Determined
based on
“functionally
equivalency”
guidance



DRAFT

RIMP Process

- An appraisal will be obtained to establish the market value of the site needing to be acquired.
- A relocation consultant will work with the owner of the property to identify and classify items as real estate or moveable personal property.
- Farm or business specialist(s) will help establish what is required to recreate a functionally equivalent farmstead or business site.
This may include:
 - Determining the replacement cost for construction of a functionally equivalent farmstead or business
 - Determination of costs of site improvement necessary for the farmstead or business
 - Prepare a report for each farmstead or business site, summarizing the re-build and functionally equivalent replacement cost analysis
 - On site meetings/inspections with farmstead or business site owners/operators
- Land Agent will be responsible for preparing the comprehensive mitigation report including the market value, relocation benefits, and RIMP benefits

DRAFT

Hypothetical Example

What we offered them

- Farmstead Appraised Value \$500,000
 - Total Purchase Price \$500,000

RIMP Calculations

- Functionally Equivalent Replacement Cost \$900,000
- Site Improvements plus \$75,000
 - Total Estimated Replacement Cost \$975,000
- Payment for Existing Farmstead (real property) less \$500,000

Estimated RIMP Subsidy \$475,000



METRO FLOOD DIVERSION PROJECT

Executive Director Contracting Recommendation

Date: 05/11/2020

RECOMMENDATION FOR ACTION:

The Executive Director has reviewed and recommends approval of the following Contract Action(s).

SUMMARY OF CONTRACTING ACTION:

Per the contract review and approval procedures that were adopted by the Diversion Authority on November 10, 2016 and amended August 23, 2018, the Owner's Program Management Consultant (PMC) or Engineer of Record (EOR) is directed to prepare task orders and task order amendments for existing Master Services Agreements (MSA) and submit them to the Executive Director for review and action. If the task order or amendment is greater than \$150,000, the Executive Director's recommendation shall be submitted to the Finance Committee for review and action, and the Finance Committee shall submit their recommendation to the Diversion Authority Board for approval.

The PMC has prepared the following Contract Action(s):

Houston-Moore Group, LLC

\$305,500**Task Order 26, Amendment 4 - Work-In-Kind (WIK)**

- Add additional budget for SEAI Local Drainage Update Services
- Add additional scope and budget for SEAI Transportation Update Services
- Incorporate AWD-065 and add additional budget for SEAI Hydraulic Modeling Support

BACKGROUND AND DISCUSSION:

Houston-Moore Group, LLC (HMG) has provided Work-in-Kind (WIK) engineering services under Task Order 8 from June 14, 2012 through the end of 2017. WIK design services are now being performed under Task Order 26. The project alignment changed as a result of the Plan B recommendations of the Governor's Task Force working group. The scope of work for this task order is to update the SEAI local drainage, transportation, and utility plans, provide professional services to review USACE designs, and provide hydraulic modeling support services.

This amendment adds budget for additional USACE requested services that include Southern Embankment and Associated Infrastructure (SEAI) Local Drainage Updates, Transportation Updates, and Hydraulic Modeling Support. This amendment also makes some administrative changes.

See the table below for a summary of this task order's contracting history, including this amendment.

Summary of Contracting History and Current Contract Action:

Original Agreement or Amendment	Budget (\$) Change	Original or Revised Project Cost	Agreement Execution Date	Project Completion	Comments
Task Order 26 Amendment 0	\$0	\$183,340	17-May-18	31-Dec-18	Scope and budget for SEAI local drainage, transportation, and utility plan updates.
Task Order 26 Amendment 1	\$541,306	\$724,646	07-Feb-19	31-Dec-19	Add budget for SEAI local drainage, transportation, and utility plan updates, add scope and budget for SEAI design reviews, and extend the POP to December 31, 2019.
Task Order 26 Amendment 2	\$56,976	\$781,622	29-May-19	31-Dec-19	Add USACE requested hydraulic modeling services to support SEAI design work.

Original Agreement or Amendment	Budget (\$) Change	Original or Revised Project Cost	Agreement Execution Date	Project Completion	Comments
Task Order 26 Amendment 3	\$570,074	\$1,351,696	01-Jan-20	31-Dec-20	Add scope and budget for SEAI Local Drainage Updates, Transportation Updates, Utilities Updates, Hydraulic Modeling Support, and extend the POP to December 31, 2020.
Task Order 26 Amendment 4	\$305,500	\$1,351,696	11-May-20	31-Dec-20	Add budget to existing tasks for SEAI Local Drainage Updates, Transportation Updates and Hydraulic Modeling Support, and incorporate AWD-065 scope and budget.

FINANCIAL CONSIDERATIONS:

Amendment 4 to Task Order 26 adds budget to existing tasks for SEAI Local Drainage Updates, Transportation Updates and Hydraulic Modeling Support, incorporates AWD-065 scope and budget, and makes some administrative changes. This task order is billed on a time and materials basis, and only incurred costs are invoiced. The detailed draft task order scope is attached.

HMG provided the attached \$305,500 cost proposal and the PMC has reviewed it. The labor rates are consistent with 2019 MSA allowed rates. Below is a summary of the review.

1. Subtask 2.A: SEAI Local Drainage Update

- a. The scope of work under this subtask is to support USACE SEAI designs by providing local drainage design services and information to USACE for Southern Embankment Segment 1 (SE-1), SE-2, and SE-3 in North Dakota and SE-4 and SE-5 in Minnesota.
 - i. Additional services in North Dakota under this subtask include: coordination with USACE SE-1 design team and Cass County staff; updating drainage ditch profiles, normal depths, and freeboard; updating watershed delineations, revisions to road culverts, providing additional detail for drop structures into the borrow ditch, and addressing USACE technical memorandum review comments.
 - ii. Additional services in Minnesota under this subtask include: determining ditch grades, balancing ditch size (borrow amount) and hydraulic capacity, sizing road culverts, designing drop structures and erosion protection at culverts, coordination with USACE SE-4 and SE-5 design teams, and preparation of a technical memorandum.
- b. HMG's cost proposal for this subtask work is \$130,420 and includes 740 hours of professional services at an average hourly rate of approximately \$176 per hour.
- c. The PMC reviewed this request and found the labor hours and expenses to be reasonable for this level of effort.

2. Subtask 2.B: SEAI Transportation Update

- a. The scope of work under this subtask is to support USACE SEAI designs by providing transportation planning and preliminary design services and information to USACE for SE-1, SE-2, and SE-3 in North Dakota and SE-4 and SE-5 in Minnesota. This includes local road crossings of the Southern Embankment as well as mobility improvements due to impacts from the Southern Embankment.
 - i. Additional scope includes providing planning and design support services for mobility improvements and transportation improvements related to River Stage 37 feet through town.

- b. HMG's cost proposal for this subtask work is \$40,700 and includes 240 hours of professional services at an average hourly rate of approximately \$167 per hour for a total labor budget of \$40,200 and \$500 for expenses.
- c. The PMC reviewed this request and found the labor hours and expenses to be reasonable for this level of effort.

3. Subtask 2.E: SEAI Hydraulic Modeling Support

- a. The following changes under subtask 2.E include 760 hours of professional services for a total subtask 2.E budget amount of \$134,380.
- b. Subtask 2.E.iv: Hydraulic Modeling to support Borrow Ditch size optimization
 - i. USACE has requested hydraulic modeling and analysis to evaluate hydraulic impacts from proposed changes in the Southern Embankment borrow ditch size. The USACE Red River Structure will have excess excavation material that could be utilized as fill for multiple Southern Embankment segments. This would result in a reduction in the borrow ditch size and potentially impact the project hydraulics.
 - ii. Addition services under this subtask include: modeling changes and analysis to reduce impacts downstream of the project, evaluate the SE-2 weir structure, reduce water elevations along SE-4 and SE-5, support preliminary design of borrow ditch structures, coordination with USACE, and addressing report review comments.
 - iii. HMG's cost proposal for subtask E.vi work is \$68,068 and includes 388 hours of professional services at an average hourly rate of approximately \$175 per hour.
 - iv. The PMC reviewed this request and found the labor hours and expenses to be reasonable for this level of effort.
- c. Subtask 2.E.v: Aquatic Connectivity Mitigation Project Development Support
 - i. USACE has requested services for evaluating proposed aquatic connectivity mitigation along the Sheyenne River through the Sheyenne River Aqueduct, Horace and West Fargo that includes: hydraulic model evaluations of flood events from the 2-year flood through the PMF, including conceptual modifications to the Sheyenne and Maple River aqueduct and spillway structures, and agency coordination and meeting participation.
 - ii. Addition services under this subtask include: revisions to Sheyenne River Standard Project Flood (SPF) inflow hydrographs, determining transect flows, evaluation of Diversion Channel, coordination with USACE and Local Sponsors, and addressing technical memorandum review comments.
 - iii. HMG's cost proposal for subtask 2.E.v work is \$25,512 and includes 144 hours of professional services at an average hourly rate of approximately \$177 per hour.
 - iv. The PMC reviewed this request and found the labor hours and expenses to be reasonable for this level of effort.
- d. Subtask 2.E.vi: 2D Modeling Upstream of the Diversion Inlet Structure
 - i. The existing 1D model is not detailed enough to model where and to what extent erosion could occur in the borrow ditch and surrounding area just upstream of the Diversion Inlet Structure (DIS). The USACE requested that the Local Sponsor's technical consultant, HMG, develop a numerical 2D flow area upstream of the DIS and use a 1D/2D unsteady HEC-RAS model to evaluate the extent of erosive velocities in the area upstream of the DIS, along the borrow ditch, and along and over the existing CR-16 alignment.

- ii. Authority Work Directive 00065 (AWD-00065) authorized HMG to start on this work, and this amendment incorporates this work into Task Order 26.
 - iii. HMG's cost proposal for this subtask work is \$40,800 and includes 228 hours of professional services at an average hourly rate of approximately \$179 per hour.
 - iv. The PMC reviewed this request and found the labor hours and expenses to be reasonable for this level of effort.
4. Administrative changes to Task Order 26.
- a. In addition to the scope and budget changes described above, the following administrative changes have been incorporated into this task order amendment:
 - i. Referenced the current MSA and associated compensation and payment paragraphs in the MSA.
 - ii. Added electronic signature paragraph.

A summary of Task Order 26 current and proposed Amendment 4 subtask budgets is included in the table below.

Budgets by Subtasks:

Subtask	Activity ID	Current Budget (\$)	Change (\$)	Revised Budget (\$)
A. SEAI Local Drainage Updates	SW-1040	120,864	130,420	251,284
B. SEAI Transportation Updates	SW-1040	131,390	40,700	172,090
C. SEAI Utilities Updates	SW-1040	218,418	0	218,418
D. SEAI Design Reviews	SW-1040	500,000	0	500,000
E. SEAI Hydraulic Modeling Support	SW-1040	381,024	134,380	515,404
TOTAL		1,351,696	305,500	1,657,196

The PMC prepared this contracting action, and feels the information is accurate, complete, and ready for Executive Director review.

ATTACHMENT(S):

1. Draft Task Order 26 Amendment 4
2. HMG cost proposal for Task Order 26 Amendment 4
3. AWD-00065, dated April 6, 2020

Prepared by: Program Management Consultant


Kristopher Grigg
Jacobs

5/11/2020

Date

Submitted by:

Joel Paulsen Diversion Authority Executive Director
--

Concur: X	Non-Concur:
------------------	-------------

Approved on May 19, 2020

Cc: Technical Advisory Group

- Nathan Boerboom, City of Fargo Engineer/Diversion Authority Project Manager
- David Overbo, Clay County Engineer
- Jason Benson, Cass County Engineer
- Robert Zimmerman, Moorhead City Engineer
- Matt Stamness, Assistant Cass County Engineer/Diversion Authority Project Manager
- Dustin Scott, West Fargo City Engineer



CONTRACT NUMBER: Task Order 26, Amendment 4

PROJECT NAME: Work In Kind (WIK)

CONSULTANT NAME: HMG

DATE SUBMITTED: May 12, 2020

SUBMITTED BY: Kris Grigg/Jacobs

LEGAL REVIEW

 X APPROVED AS IS

 APPROVED WITH COMMENTS

 NOT APPROVED

Legal Sign-Off (signature): 

Printed Name: John T. Shockley

Date of Sign-Off: 5-13-2020

Houston-Moore Group, LLC

Task Order No. 26, Amendment 4

MFDA Purchase Order No. 199800

Work-In-Kind (WIK)

In accordance with Paragraph 1.01 of the Agreement between **Fargo-Moorhead Flood Diversion Authority** ("Owner") and **Houston-Moore Group, LLC** (HMG) ("Engineer") for Professional Services – Task Order Edition, dated April 1, 2020 ("Agreement"), Owner and Engineer agree as follows:

The parties agree that in the event of a conflict between prior versions of this Task Order No. 26 and this Amendment, the terms and conditions in this Amendment shall prevail, provided however, nothing herein shall preclude ENGINEER from invoicing for work authorized under prior versions of this Task Order and performed prior to effective date of this Amendment, even to the extent such prior work was revised by this Amendment. All other terms and conditions shall remain the same and are hereby ratified and affirmed by the parties.

1. Specific Project Data

- A. Title: **Work-In-Kind (WIK)**
- B. Description: This task order will include requests by USACE for the Local Sponsor (Diversion Authority) to provide WIK services related to the Project.
- C. Background: As allowed by the Federal process, USACE can request the Diversion Authority provide services as WIK for services that USACE would normally do, but that the Diversion Authority has resources or expertise to perform. HMG has provided WIK services under Task Order 8 from 2012 until the present. Task Order 8 is 100 percent complete, the final invoice has been received, and Task Order 8 will be closed. WIK services will now be performed under Task Order 26.

2. Services of Engineer

- A. **SEAI Local Drainage Update.** HMG prepared local drainage plans prior to the 2017 Governor's task force. The Governor's task force recommended changes (Plan B) to the project to address permitting concerns. This task updates the local drainage plans to accommodate the Plan B recommended changes.
 - i. North Dakota Local Drainage Updates:
 - 1. Update the North Dakota side of the USACE's Southern Embankment and Associated Infrastructure (SEAI) project area. This includes SE-2 (Diversion Inlet to the Wild Rice River), SE-3 (Wild Rice River to the Red River), and SE-1 (Western Tieback).
 - 2. Services include generating plan and profile sheets of local drainage ditches, prepare maps of wetland areas (wetland delineation), providing CAD files to USACE, participate in conference calls and meetings with USACE to address their comments with preliminary profiles, watershed delineation, determination of the normal depth and freeboard in the local drainage ditches, and road crossing culvert sizing.
 - 3. Upon written notice by the Diversion Authority or PMC, and in coordination with USACE, development of Technical Memorandum for USACE to include in their Design Documentation Report(s).
 - ii. Minnesota Local Drainage Updates:
 - 1. Update the Minnesota side of the USACE's SEAI project area. This includes SE-4 and SE-5 (Eastern Tieback).

2. Services include generating plan and profile sheets of local drainage ditches, providing CAD files to USACE, participate in conference calls and meetings with USACE to address their comments with preliminary profiles, watershed delineation, determination of the normal depth and freeboard in the local drainage ditches, and road crossing culvert sizing.
 3. Upon written notice by the Diversion Authority or PMC, and in coordination with USACE, development of Technical Memorandum for USACE to include in their Design Documentation Report(s).
- B. SEAI Transportation Update.** HMG prepared transportation master plans prior to the 2017 Governor's task force. The Governor's task force recommended changes (Plan B) to the project to address permitting concerns. This task updates the transportation plan for the SEAI area to accommodate the Plan B recommended changes.
- i. Prepare preliminary designs of transportation features that will be impacted by the Plan B SEAI project area and staging area.
 1. This includes transportation features that cross of the southern embankment as well as other mobility improvements that may be required for the southern embankment and staging area.
 2. Work Includes developing preliminary design information and providing CAD files to USACE and participating in coordination meetings with USACE and Cass and Clay Counties.
 - a. Provide planning and design support services for the planned work at the CR-16/17 intersection, including a construction phasing analysis.
 - ii. Prepare a technical memorandum summarizing the updates to the transportation master plan for the SEAI.
- C. SEAI Utilities Update.** HMG prepared utility plans prior to the 2017 Governor's task force. The Governor's task force recommended changes (Plan B) to the project to address permitting concerns. This task updates the utility plans to accommodate the Plan B recommended changes.
- i. Research, collect, and record existing utility company right-of-way documents utilizing NDRIN and on-site courthouse research.
 - ii. Coordinate with existing utility companies within the impacted areas to confirm existing utility locations, request maps, request digital files, and collect utility type, size, shape, etc.
 1. Host a meeting with impacted utility companies to explain the information needed for this task.
 - iii. Upon written notice by the Diversion Authority or PMC, perform field surveys to determine locations of impacted utilities.
 1. Utilize ND One Call and host an on-site meeting with impacted utility companies to explain information that is expected to be collected.
 2. Rights-of-Entry are necessary for this task.
 - iv. Create updated utility geodatabase files and GIS mapping for the SEAI project area. The map will initially be based on easement research described in subtask C.i and then will be updated/verified when survey information is collected as described in task C.iii.
 - v. Upon written notice by the Diversion Authority or PMC, coordinate the development of preliminary relocation plans for each utility company. The preliminary relocation plans will include a list of impacted utilities, will identify which utilities will require relocation, will

include a cost estimate to relocate impacted utilities, and will provide a proposed schedule/timeline to complete the work once a reimbursement agreement is in place.

- D. **SEAI Design Reviews.** HMG reviewed USACE SEAI design submittals prior to the 2017 Governor's task force. The Governor's task force recommended changes (Plan B) to the project to address permitting concerns, supplemental environmental documents have been completed, and the MDNR has issued a permit for the project. The USACE design teams have resume design activities for the SEAI and are incorporating Plan B changes. Provide professional services to review and comment on the following USACE SEAI design submittals.

i. Wild Rice River (WRR) Control Structure Design Team Support

1. Purpose: Participate in USACE design process and provide reviews of USACE 95%, and BCOE design submittals of the Wild Rice River Control Structure.
2. Scope: Participate in project team meetings, and conference calls. Coordinate with USACE, PMC, and Local Sponsors. Provide 95% and BCOE submittal review comments to plans and specifications and back-check comments for closeout. Provide geotechnical, structural, electrical, mechanical, hydraulics, and civil layout discipline reviews for each round of review.
3. Deliverables: 95% and BCOE submittal review comments

ii. Red River of the North (RRN) Control Structure Design Team Support

1. Purpose: Participate in USACE design process and provide reviews of USACE 35%, 65%, 95%, and BCOE design submittals of the Wild Rice River Control Structure.
2. Scope: Participate in project team meetings, and conference calls. Coordinate with USACE, PMC, and Local Sponsors. Provide 35%, 65%, 95% and BCOE submittal review comments to plans and specifications and back-check comments for closeout. Provide geotechnical, structural, electrical, mechanical, hydraulics, and civil layout discipline reviews for each round of review.
3. Deliverables: 35%, 65%, 95% and BCOE submittal review comments

iii. Southern Embankment Design Team Support

1. Purpose: Participate in USACE design process and provide reviews of USACE 35%, 65%, 95%, and BCOE design submittals of the Wild Rice River Control Structure.
2. Scope: Participate in project team meetings, and conference calls. Coordinate with USACE, PMC, and Local Sponsors. Provide 35%, 65%, 95% and BCOE submittal review comments to plans and specifications and back-check comments for closeout. Provide geotechnical, structural, electrical, mechanical, hydraulics, and civil layout discipline reviews for each round of review.
3. Deliverables: 35%, 65%, 95% and BCOE submittal review comments

- E. **SEAI Hydraulic Modeling Support.** USACE has requested hydraulic modeling and analysis support to support design decisions regarding SE-1 (Western Tieback), SE-4 (Eastern Dam micro-siting), and SE-3 alignment alternative selections. Provide professional services for the following USACE SEAI design support requests.

i. Western Tieback Alternatives

1. Purpose: Multiple Western Tieback levee alignment alternatives are under consideration, and hydraulic modeling is requested to support the selection of a preferred alignment.
2. Scope: Execute Probable Maximum Flood (PMF) hydraulic model runs for 6 Western Tieback alternatives, utilizing two Control Structure gate functions to determine staging area

impacts. Report the maximum water surface elevations in the staging area at the three gate structure locations and along the Western Tieback levee. Model using the following gate operating positions:

- a. PMF with one Red River of the North Structure (RRNS) gate blocked and one Wild Rice River Structure (WRRS) gate blocked.
 - b. PMF while maintaining a stage of 40 feet at the Fargo gage.
3. Deliverables: Summarize results in a Technical Memorandum. Provide maps showing the alternative alignments modeled and staging area water surface elevations in the Technical Memorandum.
- ii. Eastern Dam Alternatives
1. Purpose: The C-W Valley Cooperative, near Comstock, MN, is considering an expansion that impacts the current Eastern Dam alignment. Hydraulic modeling is requested to support the selection of an alternative alignment.
 2. Scope: Execute 100-year, 500-year, and PMF hydraulic model runs for the alternative alignment and check staging area elevations. If there are unacceptable staging area elevation increases, re-evaluate with a micro move of the dam alignment to the northeast until staging area water surface elevations are consistent with the April 2019 CLOMR submittal. Then run the remaining 10-, 20-, 25-, and 50-year flood events to verify results in the staging area and along Wolverton Creek.
 3. Deliverables: Summarize results in a Technical Memorandum. Provide maps showing the alternative alignments modeled and staging area water surface elevations in the Technical Memorandum.
- iii. LiDAR Sensitivity Analysis
1. Purpose: To evaluate the sensitivity of the storage area elevation-volume curves to the updated 2017 LIDAR data set. The current version of the Project's HEC-RAS model (Phase 9.1) utilizes 2008 LiDAR.
 2. Scope: The 2017 LiDAR data will be used to define elevations along the model's storage area connections and to determine storage area elevation-volume curves. These model geometry changes will be limited to the Southern Embankment alignment (as of August 2019) and the storage areas and storage area connections within the PMF pool. The Red River Peak 100-year, 500-year, and PMF events will be modeled. Peak water surface elevations and flood inundation mapping in the PMF pool will be compared between the 2017 and 2008 LiDAR datasets.
 3. Deliverables: Adjustments to the Red River, Wild Rice River and Diversion Inlet Structure gate operation rules will be made to accommodate new storage volumes, if needed. Results will be summarized in a Technical Memorandum.
- iv. Borrow Ditch Size Optimization
1. Purpose: To evaluate hydraulic impacts from proposed changes in Southern Embankment borrow ditch sizes. The USACE Red River Structure will have excess excavation material that could be utilized as fill for multiple Southern Embankment reaches. This would result in a reduction in the borrow ditch size adjacent to the Southern Embankments and potentially impact the project hydraulics.
 2. Scope: Establish the pool duration baseline to determine acceptable pool durations using the most recent Southern Embankment micro-siting modeling. Utilize the USACE Southern Embankment and borrow ditch material balance, bridge and culvert crossings, and wetland

complexes for the first iteration of the borrow ditch sizing evaluation. Check the baseline, and revise the borrow ditch size if it is exceeded and is determined to be unacceptable.

3. The Red River Peak 10,-year, 20-year, 50-year, 100-year, 500-year, and PMF events will be modeled and mapped, and the maximum pool elevation (PMF event) will be checked. No adjustments to the Red River, Wild Rice River and Diversion Inlet Structure gate operation rules will be made.
 4. Deliverables: Conceptual/preliminary level designs of drop structures, the borrow ditch size results, and ditch road crossing sizing will be summarized in a Technical Memorandum.
 - v. Aquatic Connectivity Mitigation Project Development Support
 1. Purpose: USACE requested support for evaluating proposed aquatic connectivity mitigation along the Sheyenne River through the Sheyenne River Aqueduct, Horace and West Fargo.
 2. Scope: Tasks include agency coordination and meeting participation, hydraulic model evaluations of flood events from the 2-year flood through the PMF, and including conceptual modifications to the Sheyenne and Maple River aqueduct and spillway structures.
 3. Deliverables: Results will be summarized in a Technical Memorandum.
2. Owner's Responsibilities
 - A. Owner shall have those responsibilities set forth in the Agreement.
 3. Times for Rendering Services

<u>Subtask</u>	<u>Start Time</u>	<u>Completion Time</u>
A. SEAI Local Drainage Updates	April 1, 2018	December 31, 2020
B. SEAI Transportation Updates	April 1, 2018	December 31, 2020
C. SEAI Utilities Updates	April 1, 2018	December 31, 2020
D. SEAI Design Reviews	January 15, 2019	December 31, 2020
E. SEAI Hydraulic Modeling Support	May 29, 2019	December 31, 2020

4. Payments to Engineer
 - A. Owner shall pay Engineer for services rendered as follows:
 - I. Compensation for services in accordance with the Standard Hourly Rates shown in Paragraph 15 of the Agreement.
 - II. The total compensation for services identified under the Task Order is not-to-exceed the amount as defined in the table below.
 1. Engineer will notify Owner when eighty percent (80%) of a subtask budget is expended.
 2. Engineer will prepare and submit an amendment for additional compensation when ninety percent (90%) of a subtask budget is expended.
 3. Engineer will not perform work beyond one hundred percent (100%) of a subtask budget without Owner's written authorization.

B. The terms of payment are set forth in Paragraph 16 of the Agreement.

Subtask	Activity ID	Current Budget (\$)	Change (\$)	Revised Budget (\$)
A. SEAI Local Drainage Updates	SW-1040	120,864	130,420	251,284
B. SEAI Transportation Updates	SW-1040	131,390	40,700	172,090
C. SEAI Utilities Updates	SW-1040	218,418	0	218,418
D. SEAI Design Reviews	SW-1040	500,000	0	500,000
E. SEAI Hydraulic Modeling Support	SW-1040	381,024	134,380	515,404
TOTAL		1,351,696	305,500	1,657,196

C. When invoicing work, Engineer shall note the Activity ID (shown in table above) associated with each invoiced activity.

6. Consultants:

- A. Braun Intertec
- B. HDR
- C. SRF

7. Other Modifications to Agreement: None

8. Attachments: None

9. Documents Incorporated By Reference:

- A. HMG cost proposal for Task Order 26 Amendment 0.
- B. HMG cost proposal for Task Order 26 Amendment 1.
- C. HMG cost proposal for Task Order 26 Amendment 2.
- D. HMG cost proposal for Task Order 26 Amendment 3.
- E. HMG cost proposal for Task Order 26 Amendment 4.

10. Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.
11. Electronic Signatures. **Fargo-Moorhead Flood Diversion Authority** and **Houston-Moore Group, LLC**, agrees that the electronic signature to this **Task Order No. 26, Amendment 4 Work-In-Kind (WIK)** shall be as valid as an original signature of **Fargo-Moorhead Flood Diversion Authority** and **Houston-Moore Group, LLC** and shall be effective to bind the signatories to this **Task Order No. 26, Amendment 4 Work-In-Kind (WIK)**. For purposes hereof: (i) "electronic signature" means a manually signed original signature that is then transmitted by electronic means or an electronic acknowledgment which provides the signatory the ability to validate and affix a digital signature that is then transmitted by electronic means; and (ii) "transmitted by electronic means" means sent in the form of a facsimile or sent via the internet as a portable document format ("pdf") or other replicating image attached to an electronic mail or internet message.

The Effective Date of this Task Order is April 1, 2018.

ENGINEER:

Houston-Moore Group, LLC

Signature _____ Date _____

Jeffrey J. Volk

Name

President

Title

DESIGNATED REPRESENTATIVE FOR
TASK ORDER:

C. Gregg Thielman

Name

Sr. Project Manager

Title

925 10th Avenue East
West Fargo, ND 58078

Address

cgthielman@houstoneng.com

E-Mail Address

(701) 237-5065

Phone

Fax

OWNER:

Fargo-Moorhead Metro Diversion Authority

Signature _____ Date _____

Joel Paulsen

Name

Executive Director

Title

DESIGNATED REPRESENTATIVE FOR
TASK ORDER:

Nathan Boerboom

Name

Diversion Authority Project Manager, City of Fargo

Title

225 4th Street North
Fargo, ND 58102

Address

nboerboom@cityoffargo.com

E-Mail Address

(701) 476-6743

Phone

Fax

Received April 28, 2020



FM Metro Risk Management Project
Task Order No. 26 - Amendment No. 4 - Work-in-Kind (WIK)

Task	Activity Description											Cost Per Task
		Senior Professional Engineer		Professional Engineer I		GIS Manager		GIS Technician III		CADD Technician III		
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Subtask A. SEAI Local Drainage Updates												
A.i	Local Drainage updates for ND. This includes SE-1, SE-2 and SE-3. Additional services needed included coordination with the USACE SE-1 design team and the County, revisions to local drainage ditch profiles, updates to watershed delineations, updates to normal depth and freeboard in the local drainage ditches, revisions to road crossing culverts, additional design detail for the drop structures into the borrow ditch, and addressing USACE review comments of the Technical Memorandum (TM).	80	\$ 16,640	280	\$ 47,880	0	\$ -	0	\$ -	16	\$ 1,920	\$ 66,440
A.ii	Local Drainage updates for MN. This includes SE-4 and SE-5. Services include determining ditch grades for pool side and benefitted side, balance borrow and ditch capacity requirements, sizing culverts, designing drop structures and erosion protection measures at culverts. Will include coordination with USACE through design of SE-4 and SE-5, anticipated revisions throughout design process, conference calls and meetings with USACE to address comments with preliminary designs. Deliverables will include development of Technical Memorandum for USACE to include in their DDRs.	80	\$ 16,640	260	\$ 44,460	0	\$ -	24	\$ 2,880	0	\$ -	\$ 63,980
	Subtask A. SEAI Local Drainage Updates Total	160	\$ 33,280	540	\$ 92,340	0	\$ -	24	\$ 2,880	16	\$ 1,920	\$ 130,420
Subtask B. SEAI Transportation Updates												
B.i	Transportation Master Plan Updates. This includes preliminary design of transportation features along the diversion channel including mobility improvements and transportation improvements related to 37 foot through town. Includes design and coordination meetings with USACE and Cass and Clay Counties.	60	\$ 12,480	120	\$ 20,520	0	\$ -	40	\$ 4,800	20	\$ 2,400	\$ 40,200
	Misc. Expenses											\$ 500
	Subtask B. SEAI Transportation Updates Total	60	\$ 12,480	120	\$ 20,520	0	\$ -	40	\$ 4,800	20	\$ 2,400	\$ 40,700
Subtask E. SEAI Hydraulic Modeling Support												
E.iv	Borrow Ditch Sizing - Additional effort was needed to reduce impacts downstream of the Project, evaluate the SE-2 weir structure west of the Wild Rice River, reduce water surface elevations along Southern Embankment Reach 4 and 5, preliminary design of borrow ditch structures within the borrow ditch, coordination with the USACE and the Sponsors, and addressing USACE review comments on the borrow ditch report.	80	\$ 16,640	280	\$ 47,880	4	\$ 668	24	\$ 2,880	0	\$ -	\$ 68,068
E.v	Sheyenne River Mitigation Support - Additional hydrologic and hydraulic modeling support for the Sheyenne River Standard Project Flood (SPF) event. This is to support the USACE on the proposed aquatic connectivity mitigation along the Sheyenne River through West Fargo and the Sheyenne River Aqueduct. Additional tasks include revisions to the SPF inflow hyetographs, determining transect flows, evaluation of the FM Diversion Channel, coordination with the USACE and Sponsors, and addressing USACE review comments to the Techncial Memorandum.	24	\$ 4,992	120	\$ 20,520	0	\$ -	0	\$ -	0	\$ -	\$ 25,512



**FM Metro Risk Management Project
Task Order No. 26 - Amendment No. 4 - Work-in-Kind (WIK)**

Task	Activity Description											Cost Per Task
		Senior Professional Engineer		Professional Engineer I		GIS Manager		GIS Technician III		CADD Technician III		
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
E.vi	2D Modeling Upstream of the Diversion Inlet Structure - Develop a 2D modeling component upstream of the Diversion Inlet Structure (DIS) to be included in the Project's HEC-RAS model (Phase 9.1). Determine the flow-velocity, shear stress, and conveyance capacity in the borrow ditch and along CR 16 as floodwaters approach the DIS. The 2D modeling extents is approximately 1 mile south, east, north of the DIS. West extent is CR 17, South extent is 49th St SE, East extent is 171st Ave SE/57th St S, and the North extent is 112th Ave S. A terrain for the 2D flow area will be developed. The terrain will reflect the proposed geometry immediately upstream of the DIS, the proposed geometry of the borrow ditch, and the maximum proposed profile of CR 16. The 2D mesh shall have a limited number of computational cells in the area outside of the Borrow Ditch (approx. 16 cells per sq. mi.) with additional 2D mesh detail in the Borrow Ditch area as needed, with a minimum of 5 cells across the width of the ditch to appropriately capture velocity characteristics. The Red River Peak 100-year and PMF event will be the two models developed. Coordination with the USACE to include up to 4 conference calls during development and after model simulations, velocity and shear stress plots, RAS Mapper duration and inundation results, output operation hydrographs, and tabulating Red River upstream/downstream impact table. One meeting presentation to the Local Sponsors and USACE. A Technical Memorandum documenting the analysis will be completed.	60	\$ 12,480	160	\$ 27,360	0	\$ -	8	\$ 960	0	\$ -	\$ 40,800
	Subtask E. SEAI Hydraulic Modeling Support Subtask Total	164	\$ 34,112	560	\$ 95,760	4	\$ 668	32	\$ 3,840	0	\$ -	\$ 134,380
Subtasks A, B and E. Services for Local Drainage, Transportation, and Hydraulic Modeling Support												
	Grand Totals	384	\$ 79,872	1220	\$ 208,620	4	\$ 668	96	\$ 11,520	36	\$ 4,320	\$ 305,500

AUTHORITY WORK DIRECTIVE

AWD-00065 REV-0

2D Modeling Upstream of the Diversion Inlet Structure

		WORK TYPE:	WIK
TO:	Houston-Moore Group, LLC (HMG)	DATE INITIATED:	4/6/2020
PROJECT:	Fargo-Moorhead Diversion Engineering Design		
OWNER:	Metro Flood Diversion Authority		

The following additions, deletions, or revisions to the Work have been ordered and authorized:

OBJECTIVE:

Develop a 2D model terrain upstream of the Diversion Inlet Structure (DIS) to be included in the Project's HEC-RAS model (Phase 9.1). For the Red River Peak 100-year and Probable Maximum Flood (PMF) events, determine the flow, velocity, shear stress, and conveyance capacity in the borrow ditch and along CR 16 as floodwaters approach the DIS.

BACKGROUND:

The "Plan A" alignment of the Southern Embankment (SE) included rerouting CR-16 around the west and north sides of the DIS and then continuing to the east on the north (dry) side of the SE. Plan B changed the SE alignment between CR-17 and I-29, moving it north approximately 1.5 miles. This also changed the location of the wet side perimeter borrow ditch along the SE and keeping CR-16 as planned would have required a structure to cross the borrow ditch. See Figures 1 and 2.

In lieu of relocating the Plan A CR-16 alignment, the local sponsors proposed keeping CR-16 on its existing east-west alignment through the Plan B staging area. The portion of CR-16 in the staging area will be closed during project operation and traffic will be rerouted north along CR-17 and then east along CR-14 to I-29.

During project operation, water will flow towards the DIS, generally from the south and east, and cross over the top of CR-16 and into the borrow ditch. The existing 1D unsteady HEC-RAS model indicates that water velocities will be high enough to cause erosion of the CR-16 road embankment and the borrow ditch slopes, but it is not detailed enough to model where and to what extent the erosion could occur. Therefore, the USACE is requesting that the local sponsor's technical consultant, HMG, develop a numerical 2D flow area south of the DIS and use a 1D/2D unsteady HEC-RAS model to evaluate the extent of erosive velocities in the area upstream of the DIS, along the borrow ditch, and along and over the existing CR-16 alignment.

SCOPE:

Develop a 2D model terrain that extends approximately 1 mile south, east, north of the DIS, using the following model boundaries: the west extent will be CR-17, the south extent will be 49th St SE, the east extent will be 171st Ave SE/57th St S, and the north extent will be 112th Ave S. The terrain will reflect the proposed geometry immediately upstream of the DIS, the proposed geometry of the borrow ditch, and the maximum proposed profile of CR-16. The 2D mesh shall have a limited number of computational cells in the area outside of the Borrow Ditch (approx. 16 cells per sq. mi.) with additional computational cells in the Borrow Ditch area as needed, with a minimum of 5 cells across the width of the ditch to appropriately capture velocity characteristics. The Red River Peak 100-year and PMF events will be the two models developed.

Coordination with the USACE to include up to 4 conference calls during development of the model and after model simulations. Model output information shall include velocity and shear stress plots, RAS Mapper duration and inundation results, output operation hydrographs, and tabulating Red River upstream/downstream impact table. Prepare for and presentation results to the Local Sponsors and USACE.

The scope of work does not include additional changes to 2D mesh detail, changes to operation rules, modeling and analysis of effects of increased/decreased flood durations and measures to reduce any upstream and downstream impacts, analysis of design changes to the Borrow Ditch upstream of the DIS, evaluating tolerable erosion/risk along CR 16, and modeling and analysis of DIS gate inlet flow distribution changes if the USACE determines the DIS inlet flow distribution is not acceptable.

DELIVERABLES:

Meeting presentation and a Technical Memorandum documenting the 1D/2D unsteady HEC-RAS modeling and analysis results.

SCHEDULE:

Begin upon receipt of AWD. The above scope of work will be incorporated into Task Order 26, which will supersede this AWD.

HOW WORK IS PERFORMED:

This work will be performed on a time and material basis.

COST:

Services performed under this AWD shall not exceed \$40,800. The above scope of work will be incorporated into a future Task Order No. 26 amendment, which will supersede this AWD. Costs associated with this AWD will be invoiced under Task Order 26 after the amendment has been executed.

REASON FOR CHANGE(S):

Plan B changes to the alignment of the SE, Borrow Ditch, and CR-16 raised concerns regarding high velocities and potential erosion of the Borrow Ditch and CR-16 upstream of the DIS.

ATTACHMENTS (List Supporting Documents):

HMG cost proposal dated April 3, 2020.

It is understood that this AWD will not change the Contract Price or Times, but is evidence that the parties expect a Contract Amendment to be subsequently issued reflecting the changes.

Recommended by: Jacobs
Program Management Consultant

John Glatzmaier
Name

Project Manager
Title

John W. Glatzmaier
Signature

April 8, 2020
Date

Ordered by: Board of Authority
Owner

Joel Paulsen, P.E.
Name

Executive Director
Title

Joel Paulsen
Signature

April 8th, 2020
Date

Figure 1

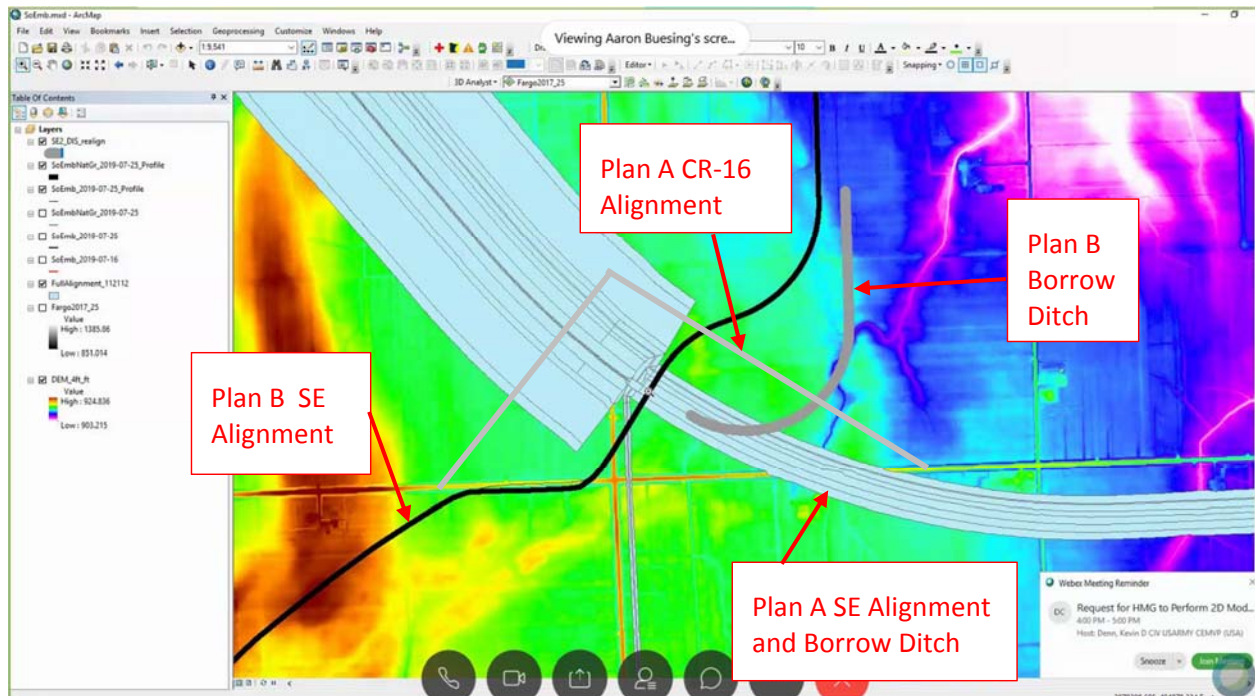
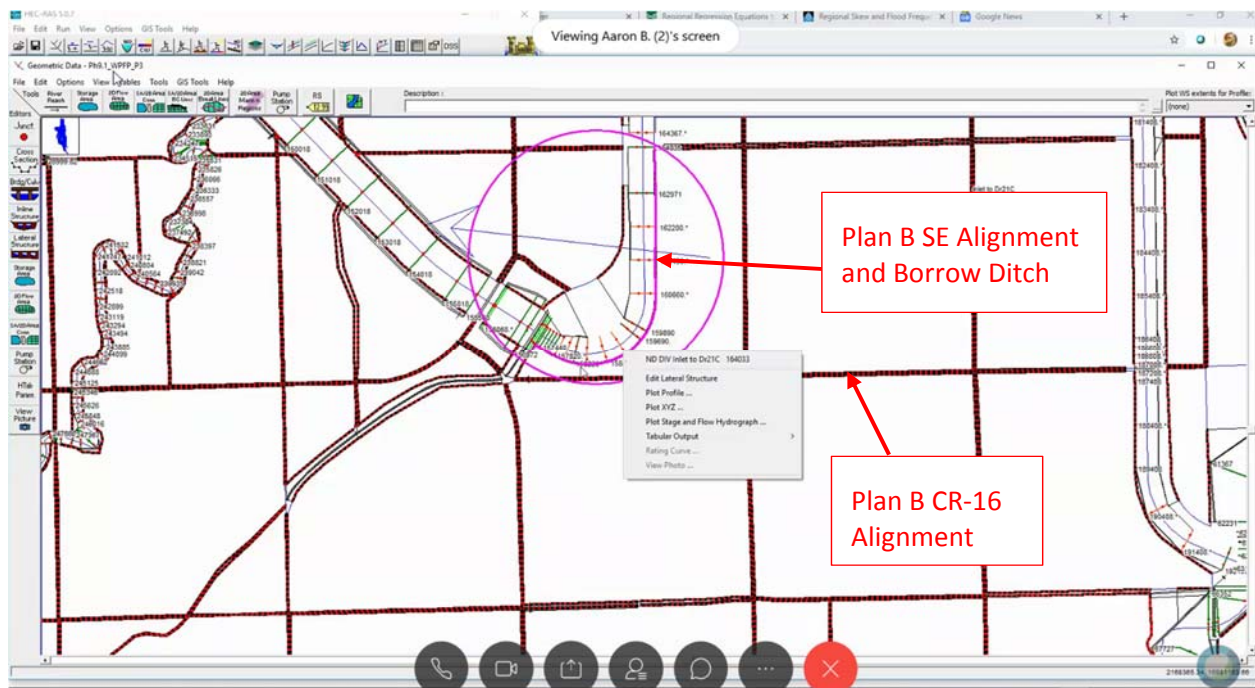


Figure 2



Received April 3, 2020



FM Metro Risk Management Project
Task Order No. 26 - Amendment No. 4 - Hydrology & Hydraulic Modeling

Task	Activity Description	Personnel Costs								Cost Per Task
		Senior Project Manager		Senior Professional Engineer		Professional Engineer I		GIS Technician III		
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Subtask E - SEAI Hydraulic Modeling Support										
2D Modeling Upstream of the Diversion Inlet Structure										
	<p><u>Objective:</u> Develop a 2D modeling component upstream of the Diversion Inlet Structure (DIS) to be included in the Project's HEC-RAS model (Phase 9.1). Determine the flow-velocity, shear stress, and conveyance capacity in the borrow ditch and along CR 16 as floodwaters approach the DIS.</p> <p><u>Modeling details:</u> The 2D modeling extents is approximately 1 mile south, east, north of the DIS. West extent is CR 17, South extent is 49th St SE, East extent is 171st Ave SE/57th St S, and the North extent is 112th Ave S. A terrain for the 2D flow area will be developed. The terrain will reflect the proposed geometry immediately upstream of the DIS, the proposed geometry of the borrow ditch, and the maximum proposed profile of CR 16. The 2D mesh shall have a limited number of computational cells in the area outside of the Borrow Ditch (approx. 16 cells per sq. mi.) with additional 2D mesh detail in the Borrow Ditch area as needed, with a minimum of 5 cells across the width of the ditch to appropriately capture velocity characteristics. The Red River Peak 100-year and PMF event will be the two models developed.</p> <p><u>Deliverables:</u> Coordination with the USACE to include up to 4 conference calls during development and after model simulations, velocity and shear stress plots, RAS Mapper duration and inundation results, output operation hydrographs, and tabulating Red River upstream/downstream impact table. One meeting presentation to the Local Sponsors and USACE. A Technical Memorandum documenting the analysis will be completed.</p> <p><u>Items not included:</u> Additional considerations subsequent to the initial analysis above, including changes to 2D mesh detail, changes to operation rules, effects of increased/decreased flood durations, and measures to reduce any upstream and downstream impacts. Possible design changes also not included in this analysis are changes to the Borrow Ditch design upstream of the DIS, evaluating tolerable erosion/risk along CR 16, and mitigating any changes of flow distribution into the DIS gates if the USACE determines the distribution is not allowable.</p>									
E.v	Develop 2D modeling component, revisions following USACE calls	0	\$ -	20	\$ 4,160	80	\$ 13,680	0	\$ -	\$ 17,840
	Model Review/Conference calls with USACE (x4), prep/follow up	0	\$ -	12	\$ 2,496	16	\$ 2,736	0	\$ -	\$ 5,232
	Additional model revisions following USACE calls, coordination and data presentation (Tables, profiles, and maps)	0	\$ -	16	\$ 3,328	40	\$ 6,840	8	\$ 960	\$ 11,128
	Prepare presentation and Technical Memorandum	0	\$ -	12	\$ 2,496	24	\$ 4,104	0	\$ -	\$ 6,600
	Sub-Total	0	\$ -	60	\$ 12,480	160	\$ 27,360	8	\$ 960	\$ 40,800
	Grand Totals	0	\$ -	60	\$ 12,480	160	\$ 27,360	8	\$ 960	\$ 40,800



FARGO-MOORHEAD AREA DIVERSION PROJECT

***Recommended Oak Grove project
scope and budget changes***

DECISION PAPER NO.: DP-2020-01

Date: 4/23/2020

RECOMMENDATION FOR BOARD ACTION:

Recommendation is made that the Board of Authority adopt the Oak Grove project changes in this Decision Paper.

SUMMARY OF DECISION TOPIC:

The scope of the Oak Grove project changed to include additional floodwalls and levees to be constructed around the existing Oak Grove School, which will allow for the future levee system to be accredited as providing protection against the 1% annual chance flood (ACE) event once the overall Diversion project is completed. The previous project concept for this neighborhood included completing a road raise on South Terrace, which would have eliminated the need for emergency measures on a 1% ACE, after Diversion project completion, but would have not resulted in the Oak Grove School property being removed from the future 1% ACE floodplain map. This original scope would have also resulted in a lower level of protection for flood events greater than the 1% ACE event when compared to the other in-town levee projects being constructed within the City. This scope change is a result of additional geotechnical information being available than what was available when the original project scope was developed. The result of this scope change increased the estimate total project cost by \$7,000,000.00; the new estimated construction cost is \$8,100,000. The schedule for development remains unchanged; the project is scheduled to let in 2021 and be completed by 2022.

EVALUATION OF KEY FACTORS FOR DECISION MAKING:

Basis for recommending approval of Decision Paper.

ADVANTAGES:

- a) Provides Certifiable protection for the Oak Grove school and neighborhood.
- b) Post Diversion Project completion it will result in the elimination of the need for emergency measures during flood events greater than the 1% annual chance flood.
- c) North end connects to the previously constructed Mickelson Field levee system, which results in a more contiguous levees.
- d) South end connects to the previously constructed levee along South Terrace, which ultimately connects to the north side of a railroad embankment, which the 2nd Street N floodwall system connects to the south side of.

DISADVANTAGES:

- a) Increased Cost

Submitted by:

Joel Paulsen, P.E.
Executive Director
Fargo-Moorhead Metro Diversion Project

Date