

**FLOOD SALES TAX COMMITTEE AGENDA
FOR DECEMBER 5, 2022—2:00 PM**
Commission Room, Cass County Courthouse

2:00 PM Meeting called to order
Approve minutes of previous meeting—September 6, 2022

1. Flood sales tax fund update
2. Status of previously approved projects
 - a. 2022 Lilleberg buyout (Benson)
 - b. 2022 Durbin Township Slide Repair- updated request (Soucy)
 - c. 2022 Casselton Lagoon Slide Repair- updated request
3. Review projects and consider funding
 - a. Upper Maple River Detention Study Phase II
 - b. City of Mapleton 2nd Storm Water Lift Station Replacement
4. Other business
5. Adjournment

Cass County Sales Tax Activity (420)			
Cash Basis - 2022			
12/1/2022			
Date	Description	Amount	Balance
	Balance Forward		9,078,358.81
2022	Sales Tax	19,289,463.86	28,367,822.67
2022	Interest	82,852.91	28,450,675.58
1/25/2022	Diversion Board of Authority	(1,492,073.46)	26,958,602.12
2/23/2022	Diversion Board of Authority	(2,322,806.52)	24,635,795.60
3/2/2022	County Projects	(16,384.76)	24,619,410.84
3/22/2022	Diversion Board of Authority	(1,348,143.52)	23,271,267.32
4/14/2022	County Projects	(30,323.00)	23,240,944.32
4/14/2022	County Projects	(11,754.88)	23,229,189.44
4/26/2022	Diversion Board of Authority	(577,011.63)	22,652,177.81
5/23/2022	Diversion Board of Authority	(1,435,074.08)	21,217,103.73
6/23/2022	Diversion Board of Authority	(1,853,281.77)	19,363,821.96
7/26/2022	Diversion Board of Authority	(1,703,250.46)	17,660,571.50
8/22/2022	Diversion Board of Authority	(1,707,896.65)	15,952,674.85
9/13/2022	County Projects	(13,689.17)	15,938,985.68
9/23/2022	Diversion Board of Authority	(2,182,652.97)	13,756,332.71
10/24/2022	Diversion Board of Authority	(1,791,148.75)	11,965,183.96
11/23/2022	County Projects	(31,910.48)	11,933,273.48
11/23/2022	Diversion Board of Authority	(1,718,756.24)	10,214,517.24
			10,214,517.24
			10,214,517.24

Reserved for County Projects - Cash	10,656,066.58	
Reserved for Diversion Project	(441,549.34)	10,214,517.24

Summary

2022 Receipts

Transfer	-
Sales Tax Revenue	19,289,463.86
Interest Revenue	82,852.91
Total Receipts	<u>19,372,316.77</u>

2022 Expenditures

Diversion Board of Authority	(18,132,096.05)
City of Fargo - Cash Flow Other Sources	-
County Projects	(104,062.29)
Land Purchase	-
Total Expenditures	<u>(18,236,158.34)</u>

Receipts over Expenditures 1,136,158.43

Balance from 2021 9,078,358.81

Balance Current 2022 10,214,517.24

Current County Projects			
12/1/2022			
Project	Total Approved	Paid	Left to Pay
Closed Projects	\$ 4,617,185.62	\$ 4,617,185.62	\$ -
2015 Upper Maple River Detention Study Phase II	\$ 45,500.00	\$ 37,068.77	\$ 8,431.23
2015 Rush River Detention Study Phase II	\$ 45,500.00	\$ 34,422.58	\$ 11,077.42
2016 City of Mapleton Levee Raise	\$ 99,812.68	\$ 99,812.68	\$ -
2017 Sheldon Addition Ring Levee Project	\$ 462,750.00	\$ -	\$ 462,750.00
2018 City of Hunter Dam Projects	\$ 23,582.80	\$ 11,527.09	\$ 12,055.71
2018 Mapleton Levy Recertification	\$ 30,323.00	\$ 30,323.00	\$ -
2019 Upper Maple River Dam Improvements	\$ 16,384.76	\$ 16,384.76	\$ -
2019 T-180 Dam Safety Improvements	\$ 24,765.89	\$ -	\$ 24,765.89
2020 Hofer Property	\$ 512,281.80	\$ 496,455.85	\$ 15,825.95
2020 Davenport Levee	\$ 1,425,000.00	\$ -	\$ 1,425,000.00
2021 Gill Township Road	\$ 14,250.00	\$ -	\$ 14,250.00
2021 Maple River Township Road	\$ 64,970.00	\$ -	\$ 64,970.00
2022 Cass 15 Bridge 50%	\$ 920,985.00	\$ -	\$ 920,985.00
2022 Normanna Township Bank Stabilization 90%	\$ 950,438.00	\$ -	\$ 950,438.00
2022 Lilleberg Buyout 90%	\$ 114,273.90	\$ -	\$ 114,273.90
2022 Walburg Township Drop Culverts 90%	\$ 31,910.48	\$ 31,910.48	\$ -
2022 Elm River Dam 2/3	\$ 95,267.00	\$ -	\$ 95,267.00
2022 Fill Township Slide Repair 75%	\$ 27,063.00	\$ -	\$ 27,063.00
2022 Durbin Township Slide Repair 75%	\$ 37,500.00	\$ -	\$ 37,500.00
2022 Everest Township Slide Repair 75%	\$ 21,000.00	\$ 13,689.17	\$ 7,310.83
2022 Maple River Twonship Slide Repair 75%	\$ 45,000.00	\$ -	\$ 45,000.00
2022 Mapleton Flap Gate - Storm Sewer Outfalls 75%	\$ 60,000.00	\$ -	\$ 60,000.00
2022 Highway 81 Slide Repair 75%	\$ 950,287.00	\$ -	\$ 950,287.00
2022 Reed Township Sheyenne Riverbank Stabilization 50%	\$ 8,650.00	\$ -	\$ 8,650.00
2022 Elm River Dam Number 3 Improvements 90%	\$ 16,830.00	\$ -	\$ 16,830.00
2022 Casselton Lagoon Slide Repair	\$ 350,000.00	\$ -	\$ 350,000.00
Total	\$ 11,011,510.93	\$ 5,388,780.00	\$ 5,622,730.93

Reserve for County Projects 2022 Activity

Balance of Cash Carried forward from 2021	\$ 9,597,789.87
2022 Reserves	1,162,339.01
Total	10,760,128.87
Paid in 2022	104,062.29
Encumbrances	5,622,730.93
Un-encumbered Balance	<u>\$ 5,033,335.65</u>

From: [Soucy, Tom](#)
To: [Kaushagen, Taylor](#)
Cc: [Heinle, Sarah](#)
Subject: FW: Durbin township funding request
Date: Wednesday, November 23, 2022 3:01:21 PM

Taylor

Durbin sent me this email requesting the funding increase.

Thomas B Soucy
Deputy County Engineer
Cass County Highway Dept.
1201 Main Ave W
West Fargo, ND 58078
701.298.2374 Office
701.793.9915 Cell

From: Darin Gross <dgross73@hotmail.com>
Sent: Wednesday, November 23, 2022 2:58 PM
To: Soucy, Tom <SoucyT@casscountynd.gov>
Cc: Keith Gohdes <kgohdes67@gmail.com>
Subject: Durbin township funding request

CAUTION: EXTERNAL EMAIL

Hi Tom,

Durbin Township respectfully requests amending the previously approved \$50,000 slide repair project funded at 75% to \$55,930. A waterline discovered prior to construction and needed to be moved at the townships cost of \$7,680.00. The project was completed this fall.

Updated Project Cost Breakdown:

Moving the Road Over	\$39,750
Moving of Waterline	\$7,680
<u>Right of Way</u>	<u>\$8,500</u>
New Total	\$55,930

Please let Keith or I know if you need anything additional from us.

Thanks,
Darin Gross
Durbin Township Clerk\Treasure
3752 160 ½ Ave SE, Mapleton ND

GLACIER ENTERPRISES, LLC

PO Box 189
Horace, ND 58047

Invoice

Invoice #: 3317
Invoice Date: 10/25/2022
Due Date: 11/9/2022
Project:
P.O. Number:

Bill To:

Durbin Township Clerk
Attn: Darin Gross
3752 160 1/2 Ave SE
Mapleton, ND 58059

Description	Hours/Qty	U/M	Rate	Amount
Moving water line away from road Sales Tax Rate - Cass County (Non-Fargo)			7,680.00 5.50%	7,680.00 0.00

Total	\$7,680.00
Payments/Credits	\$0.00
Balance Due	\$7,680.00

GLACIER ENTERPRISES, LLC

PO Box 189
Horace, ND 58047

Invoice

Invoice #: 3316
Invoice Date: 10/25/2022
Due Date: 11/9/2022
Project:
P.O. Number:

Bill To:

Durbin Township Clerk
Attn: Darin Gross
3752 160 1/2 Ave SE
Mapleton, ND 58059

Description	Hours/Qty	U/M	Rate	Amount
Moving road			39,750.00	39,750.00
Sales Tax Rate - Cass County (Non-Fargo)			5.50%	0.00

Total	\$39,750.00
Payments/Credits	\$0.00
Balance Due	\$39,750.00



925 10th Avenue East
Suite 1
West Fargo, ND 58078
P: 701.282.4692
F: 701.282.4530



October 21, 2022

Robert Wilson
County Administrator
Cass County, ND
PO Box 2806
Fargo, ND 58108-2806

Dear Mr. Wilson:

The City of Casselton is respectfully requesting additional funding assistance from the Cass County Flood Risk Reduction funds to offset project costs of a slope slide repair of Swan Creek Diversion at city lagoon cells 1 and 2.

As a recap, slope sloughing along the north slope of Swan Creek Diversion, south of the wastewater primary cells 1 and 2, was first noticed by city public works spring of 2021. Vertical displacement at the top of the slope is approximately two (2) feet with the west end of the sloughing starting near the dike between lagoon cell 1 and cell 2 and continuing east a distance of approximately 180 lineal feet. The project is currently repairing the existing slope sloughing, thus reducing the risk of further sloughing and critical failure of the slope.



Figure 1. Existing slope sloughing (looking west)



Figure 2. Existing slope sloughing (looking east)

The project has been bid with a total estimated project cost of \$700,000. A significant portion of the project cost is due to the requirement of installing sand fill to replace the weak soils removed in the area of the slope failure. This was a recommendation from the geotechnical report that was prepared by Braun Intertec.

The Cass County Flood Risk Reduction Committee has already committed to funding 50% of the project cost, not to exceed \$350,000. The City of Casselton originally requested 75% cost-share, for a total request of \$525,000. The Committee recommended reducing the cost-share to 50% (\$350,000) with the request that the City secures cost-share from the Maple River Water Resource District (MRWRD). The City attended the MRWRD Board meeting on October 6th, and was able to secure an agreement of splitting the remaining local project cost 50/50. The City of Casselton is now respectfully requesting an additional 25% (\$175,000) of funding assistance. This would bring the project funding back to 75% of the estimated total project cost. The remaining local share of \$175,000 would be split 50/50 between the City and the MRWRD, or up to \$87,500 each. As always, any assistance received from the Cass County Flood Risk Reduction funding is appreciated and will directly reduce the local share and cost to the city's residents.

Please add this request to your next committee meeting for consideration.

Please contact me at 701-282-4692 or brandon.oye@mooreengineeringinc.com if you have any questions or need additional information about the project.

Sincerely,



Brandon Oye, PE
City Engineer

Attachments

Cc: Sheila Klevgard – City Auditor, City of Casselton

Project Description: Swan Creek Diversion Slope Repair at Lagoon Cells 1 & 2

Point of Contact: Brandon Oye (City Engineer), Moore Engineering Inc.

Estimated Project Cost: \$700,000

Approved County Funding: \$350,000 (50% of total project cost)

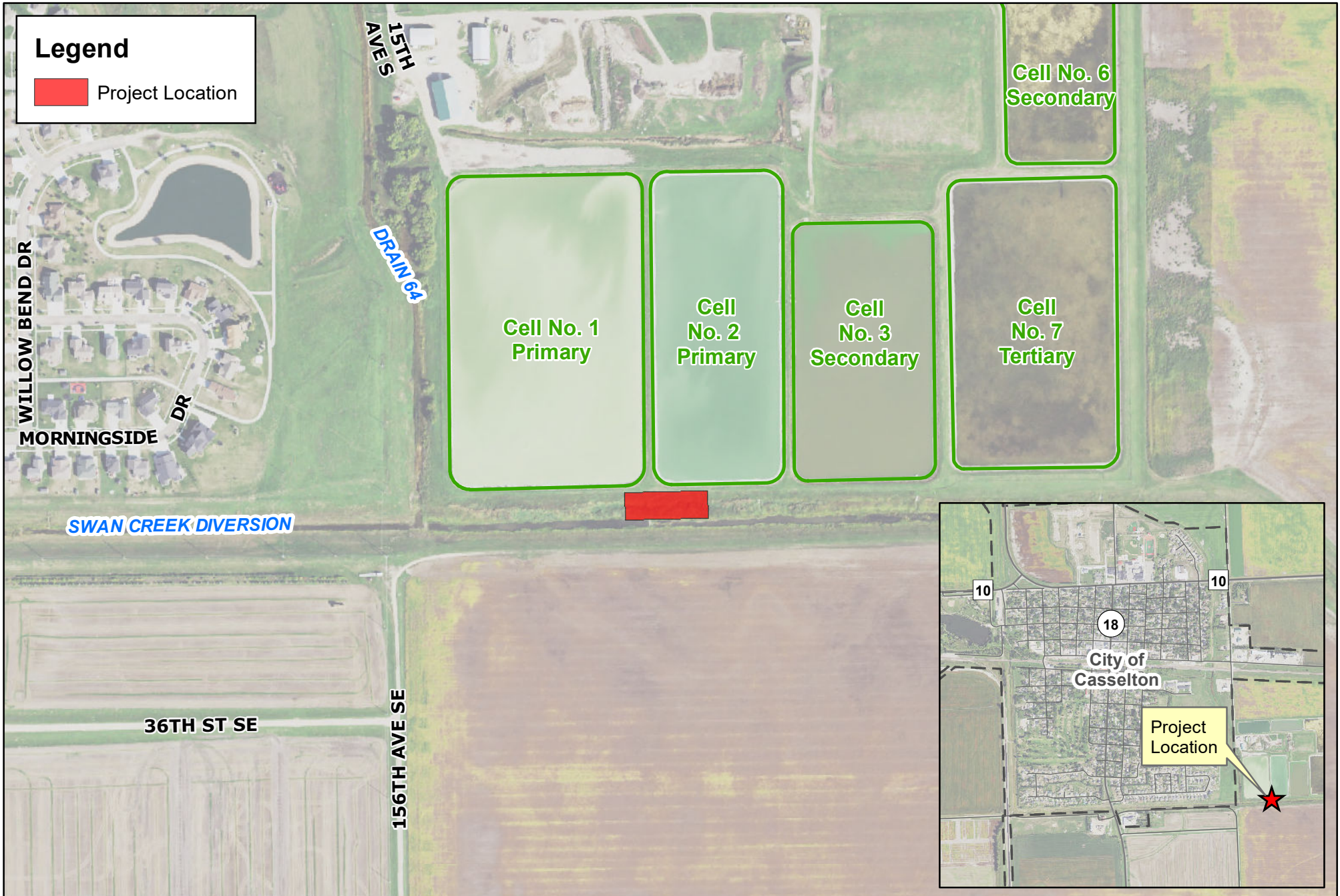
Additional County Funding Requested: \$175,000 (25% of total project cost)

Other Funding Sources: MRWRD 50% of the local share

Who will own and maintain: Joint between the Maple River Water Resource District and the City of Casselton

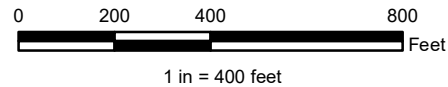
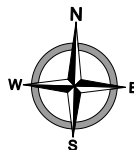
Legend

 Project Location




PROJECT LOCATION MAP SWAN CREEK SLOPE REPAIR AT LAGOON CELLS 1 & 2 CASSELTON, NORTH DAKOTA

Created By: TJS Date Created: 04/08/22 Date Saved: 04/08/22 Date Plotted: NEVER Date Exported: 04/08/22
Plotted By: Tanner Schmidt Parcel Date: N/A Aerial Image: 2021 County NAIP SIDS Elevation Data: Lidar
Horizontal Datum: NAD 1983 StatePlane North Dakota South FIPS 3302 Feet Vertical Datum: NAVD1988
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Application for Funding from the Cass County Flood Sales Tax Committee

Project Name:	Upper Maple River Detention Study Phase II				
Date:	11/3/2022				
Funding Requested:	2/11/2015 & 11/3/2022	Cost Share %	<input type="radio"/> 50%	<input type="radio"/> 75%	<input checked="" type="radio"/> 90%
Location (Provide a brief discription):	See attached map				
Name of Owner(s)/Applicant	Cass County Joint WRD	Engineer Name	Kurt Lysne		
Owner(s)/Applicants Address	1201 Main Avenue West West Fargo, ND 58078-1301	Engineer Firm Name	Moore Engineering, Inc.		
Owner(s)/Applicants Email	LewisC@casscountynd.gov	Engineer Email	Kurt.Lysne@mooreengineeringinc.com		
Owner(s) Phone Number	(701) 298-2381	Engineer Phone Number	701.282.4692		
Owner/Applicant's Signature			Date:	11-04-2022	
Representative's Signature			Date:		

Proposal: Brief Narrative Description of Reason(s) for Application

The planning process was completed and a draft planning document was submitted to the NRCS for review. At the request of the NRCS, revisions to the study, including the addition of environmental benefits have been made. However, through coordination with the NRCS, additional modifications are necessary address all concerns associated with the environmental enhancements. These modifications will ensure that the preferred alternatives identified in the plan will be eligible for federal funding in the implementation phase of the project. The modifications include changes to the planning document, plans, cost estimates and all appendices.

Breakdown of Project Funding		\$ Dollar Amount
Total Project Cost		\$1,095,868.23
Additional Funding Source #1 (Name)	Federal (NRCS)	\$500,000.00
Additional Funding Source #2 (Name)	State (DWR)	\$198,000.00
Additional Funding Source #3 (Name)	Local (RRJWRD))	\$258,294.96
Additional Funding Source #4 (Name)	Local (Approved Flood Sales Tax)	\$45,500.00
Local Project Cost (Total Cost – Additional Funding)		\$94,073.27
Flood Sales Tax Requested Amount		Additional \$27,720.00
Applicant/Requesting Entity Cost		\$66,353.27

Application and Funding Eligibility

(see criteria in the Cass County Policy 13.72 Amended County Sales Tax For Flood Risk Reduction and Recovery Projects Adopted December 4, 2017 at www.casscountynd.gov/floodsaletaxcommittee)

Describe why you are an Eligible Entity: (County, City, Township, Water Resource District, or Home/Landowner)

Project Eligibility: (Outline what provision of the Policy provides eligibility to fund this project based on the criteria listed below)

<input type="checkbox"/>	1. Levee construction or recertification for cities or rural subdivisions. Generally levee projects should be constructed to FEMA and/or US Army Corps of Engineer standards and be able to bring the benefited area out of the 1% chance (100 year) floodplain. These levees would also need to be maintained at that standard by either the city or township that is a member of the National Flood Insurance Program. Rural subdivisions seeking this funding would need to complete an agreement with the township and form an assessment district for the long term maintenance of the levee.
<input checked="" type="checkbox"/>	2. Flood control projects.
<input checked="" type="checkbox"/>	3. Water retention or detention projects.
<input type="checkbox"/>	4. Dam construction or maintenance.
<input type="checkbox"/>	5. Lift Stations for removing storm water from within a levee protected area.
<input type="checkbox"/>	6. Rural Farmstead Ring Levees (in conjunction with the ND State Water Commission 50% cost share) as outlined on the ND State Water Commission website under "Cost Share"
<input type="checkbox"/>	7. Road Projects that provide infrastructure protection to prevent significant future flood damage. These requests may be standalone projects or in conjunction with post-flood damage repair with or without FEMA cost share.
<input type="checkbox"/>	8. Road access (road raises or other infrastructure improvements that will allow access to a city, subdivision, or rural residence/farmstead).
<input type="checkbox"/>	9. Embankment slumping along the Red River, Wild Rice River, Sheyenne River, Maple River, Rush and Lower Rush Rivers, and Legal Drains. River slumping projects may include road and infrastructure repair, home buyouts, and repair to legal drains.
<input type="checkbox"/>	10. Home buyouts for flooding and bank slumping.
<input type="checkbox"/>	11. Flood Recovery projects to include: Levee repair, road repair, bridge repair, and other infrastructure related repair projects. None infrastructure flood recovery such as debris removal and sandbag cleanup will not be eligible.

Cost Share Eligibility: (What % of cost share and provision of the Policy provides cost share % eligible for this project)

This project meets the funding cost share eligibility of _____% based which of the following criteria (select all that apply):

<input type="checkbox"/>	1. Generally the cost share will be 50% of the "local" share of the non-retention projects, i.e. if a \$100,000 project had a 50% state cost share, the local share would be \$50,000 and the County
<input checked="" type="checkbox"/>	2. Policy for Retention Projects: Cost share is 75% of the "local" share if they are approved by the Red River Joint Water Resource District.
<input type="checkbox"/>	3. Home buyouts for flooding and bank slumping: Cost share is 90% of the "local" cost with the homeowner paying 10% of the "local" cost.
<input checked="" type="checkbox"/>	4. If significant funds are available compared to the project requests, the County may authorize a cost share above 50% for non-retention projects and above 75% for Retention Projects.

Project Priority: (Explain any provisions of the Policy that provides a higher priority for this project)

This project should be a higher priority based on the following criteria (select all that apply and provide a narrative on why the criteria applies):

<input checked="" type="checkbox"/>	1. Population benefited by the project
<input type="checkbox"/>	2. Distribution of funds by location
<input type="checkbox"/>	3. Disbursement percentage determined by the number of people benefited
<input type="checkbox"/>	4. Cost effectiveness of the project
<input checked="" type="checkbox"/>	5. Permanency of the project
<input type="checkbox"/>	6. Effect of the diversion on the project
<input checked="" type="checkbox"/>	7. Does the project have long-term merit (benefits extend beyond 10 years)
<input checked="" type="checkbox"/>	8. Other sources of funding from local, state, or federal cost share programs.

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Evaluation Criteria: (Describe any specific Evaluation Criteria used to prioritize funding of this project)

This project should be a higher priority based on the following criteria (select all that apply and provide a narrative on why the criteria applies):

<input type="checkbox"/>	1. Benefit cost ratio
<input checked="" type="checkbox"/>	2. Land area benefited
<input type="checkbox"/>	3. Population benefited
<input checked="" type="checkbox"/>	4. Downstream flood reduction
<input checked="" type="checkbox"/>	5. Total acre-feet of retention storage

Attachments

<input checked="" type="checkbox"/>	1. Funding Request Memo from the Project Owner
<input checked="" type="checkbox"/>	2. Location Map



**UPPER MAPLE RIVER WATERSHED DETENTION STUDY
BARNES & CASS CO.**

Created By: GZ Date Created: 2/3/2015 Date Saved: 02/04/15 Date Plotted: 02/03/15 Date Exported: 02/04/15
 Plotted By: matthew.hildreth Parcel Date: NA Aerial Image: NA Elevation Data: NA
 Horizontal Datum: NAD 1983 StatePlane North Dakota South FIPS 3302 Feet Vertical Datum: NAVD1988
 T:\Projects\177001\17701\17701_gh2_95x11M\1.mxd





City of Mapleton

PO Box 9 - 651 2nd Street, Mapleton, ND 58059
p-(701) 282-6992 f-(701) 282-0080
auditor@mapletonnd.com
www.mapletonnd.com



November 28, 2022

Rick Steen, Chairman
Cass County Commission
P.O. Box 2806
Fargo, ND 58108-2806

Dear Chairman Steen:

Re: 2nd Street Storm Water Lift Station Replacement
Mapleton, ND

The City of Mapleton is proposing replacement of an existing flood protection lift station at 2nd Street and County Road 11 that is a component of the City's levee system ("the Project"). The City currently owns and maintains a FEMA-accredited levee system that includes 4 storm water lift stations that are responsible for both evacuating interior stormwater runoff during flood events and preventing high river water from backing up into the levee's protected area.

The City has selected an alternative from a study to address the deficiencies of the existing lift station which will provide enough capacity to handle the peak discharge of its contributing drainage basin.

The estimated total Project cost is \$830,000. Here is a summary of the projected cost-share:

- Cass County Flood Risk Reduction (90%) - \$747,000
- Local cost-share (10%) - \$83,000

The City respectfully requests the Cass County Flood Sales Tax Committee approve cost-share in the amount of \$747,000 for replacement of the existing storm water lift station, which is 90% of the total project cost.

If you have any questions, please feel free to contact me or our City Engineer, Brandon Oye, Moore Engineering, Inc., at 701-282-4692.

Sincerely,

City of Mapleton



A handwritten signature in blue ink, appearing to read "Michelle Kalvoda-Baumann".

Michelle Kalvoda-Baumann
City Auditor

Enclosures:
Project Map



Application for Funding from the Cass County Flood Sales Tax Committee

Project Name:	Flood Control Storm Sewer Improvement District No. 2023-2				
Date:	11/22/2022				
Funding Requested:	\$747,000	Cost Share %	<input type="radio"/> 50%	<input type="radio"/> 75%	<input checked="" type="radio"/> 90%
Location (Provide a brief discription):	Approximately 20' west of the intersection of 2nd Street and County Road 11				
Name of Owner(s)/Applicant	City of Mapleton	Engineer Name	Dylan Ensrude		
Owner(s)/Applicants Address	651 2nd St, Mapleton, ND 58059	Engineer Firm Name	Moore Engineering, Inc.		
Owner(s)/Applicants Email	auditor@mapletonnd.com	Engineer Email	dylan.ensrude@mooreengineeringinc.com		
Owner(s) Phone Number	701.282.6992	Engineer Phone Number	701.551.1027		
Owner/Applicant's Signature			Date:	11/28/2022	
Representative's Signature			Date:	11/28/2022	

Proposal: Brief Narrative Description of Reason(s) for Application

The 2nd Street Stormwater Lift Station is a flood protection lift station installed in 1998 that services the Original Townsite and Maplewood neighborhoods within Mapleton. The lift station is a simplex configuration with a 500gpm pump that discharges through an 8" PVC force main into a gated control structure. During normal operation, collected stormwater flows through the lift station directly to the Maple River. When the Maple River is high, the sluice gate is closed and stormwater is pumped through the force main to the wet side of the control structure. The lift station was analyzed during a comprehensive study of the Original Townsite and Maplewood neighborhoods, and it was found to be operating at approximately 1/2 of its original design capacity of 500gpm. The current capacity of the lift station (~250gpm) is less than 10% of the peak flow of the storm sewer connected to it (3600gpm). Additionally, the sluice gate in the existing lift station experienced a failure this spring, which allowed high river water to back up into the Original Townsite and Maplewood neighborhoods. The lift station is significantly undersized, lacks redundancy for reliable operation, and therefore is in need of replacement.

Breakdown of Project Funding		\$ Dollar Amount
Total Project Cost		\$ 830,000
Additional Funding Source #1 (Name)		\$
Additional Funding Source #2 (Name)		\$
Additional Funding Source #3 (Name)		\$
Additional Funding Source #4 (Name)		\$
Local Project Cost (Total Cost – Additional Funding)		\$ 83,000
Flood Sales Tax Requested Amount		\$747,000
Applicant/Requesting Entity Cost		\$83,000

Application and Funding Eligibility

(see criteria in the Cass County Policy 13.72 Amended County Sales Tax For Flood Risk Reduction and Recovery Projects Adopted December 4, 2017 at www.casscountynd.gov/floodsaletaxcommittee)

Describe why you are an Eligible Entity: (County, City, Township, Water Resource District, or Home/Landowner)

City

Project Eligibility: (Outline what provision of the Policy provides eligibility to fund this project based on the criteria listed below)

<input type="checkbox"/>	1. Levee construction or recertification for cities or rural subdivisions. Generally levee projects should be constructed to FEMA and/or US Army Corps of Engineer standards and be able to bring the benefited area out of the 1% chance (100 year) floodplain. These levees would also need to be maintained at that standard by either the city or township that is a member of the National Flood Insurance Program. Rural subdivisions seeking this funding would need to complete an agreement with the township and form an assessment district for the long term maintenance of the levee.
<input checked="" type="checkbox"/>	2. Flood control projects.
<input type="checkbox"/>	3. Water retention or detention projects.
<input type="checkbox"/>	4. Dam construction or maintenance.
<input checked="" type="checkbox"/>	5. Lift Stations for removing storm water from within a levee protected area.
<input type="checkbox"/>	6. Rural Farmstead Ring Levees (in conjunction with the ND State Water Commission 50% cost share) as outlined on the ND State Water Commission website under "Cost Share"
<input type="checkbox"/>	7. Road Projects that provide infrastructure protection to prevent significant future flood damage. These requests may be standalone projects or in conjunction with post-flood damage repair with or without FEMA cost share.
<input type="checkbox"/>	8. Road access (road raises or other infrastructure improvements that will allow access to a city, subdivision, or rural residence/farmstead).
<input type="checkbox"/>	9. Embankment slumping along the Red River, Wild Rice River, Sheyenne River, Maple River, Rush and Lower Rush Rivers, and Legal Drains. River slumping projects may include road and infrastructure repair, home buyouts, and repair to legal drains.
<input type="checkbox"/>	10. Home buyouts for flooding and bank slumping.
<input type="checkbox"/>	11. Flood Recovery projects to include: Levee repair, road repair, bridge repair, and other infrastructure related repair projects. None infrastructure flood recovery such as debris removal and sandbag cleanup will not be eligible.

Cost Share Eligibility: (What % of cost share and provision of the Policy provides cost share % eligible for this project)

This project meets the funding cost share eligibility of 90 % based which of the following criteria (select all that apply):

<input type="checkbox"/>	1. Generally the cost share will be 50% of the "local" share of the non-retention projects, i.e. if a \$100,000 project had a 50% state cost share, the local share would be \$50,000 and the County
<input type="checkbox"/>	2. Policy for Retention Projects: Cost share is 75% of the "local" share if they are approved by the Red River Joint Water Resource District.
<input type="checkbox"/>	3. Home buyouts for flooding and bank slumping: Cost share is 90% of the "local" cost with the homeowner paying 10% of the "local" cost.
<input checked="" type="checkbox"/>	4. If significant funds are available compared to the project requests, the County may authorize a cost share above 50% for non-retention projects and above 75% for Retention Projects.

Project Priority: (Explain any provisions of the Policy that provides a higher priority for this project)

This project should be a higher priority based on the following criteria (select all that apply and provide a narrative on why the criteria applies):

<input checked="" type="checkbox"/>	1. Population benefited by the project: The lift station is part of an overall levee system serving ~1350 people.
<input type="checkbox"/>	2. Distribution of funds by location N/A
<input type="checkbox"/>	3. Disbursement percentage determined by the number of people benefited N/A
<input type="checkbox"/>	4. Cost effectiveness of the project N/A
<input checked="" type="checkbox"/>	5. Permanency of the project The new lift station will provide both flood protection and interior drainage for many decades.
<input type="checkbox"/>	6. Effect of the diversion on the project N/A
<input checked="" type="checkbox"/>	7. Does the project have long-term merit (benefits extend beyond 10 years)
<input type="checkbox"/>	8. Other sources of funding from local, state, or federal cost share programs. N/A

7. The new lift station will provide both flood protection and interior drainage for many decades.

Evaluation Criteria: (Describe any specific Evaluation Criteria used to prioritize funding of this project)




This project should be a higher priority based on the following criteria (select all that apply and provide a narrative on why the criteria applies):

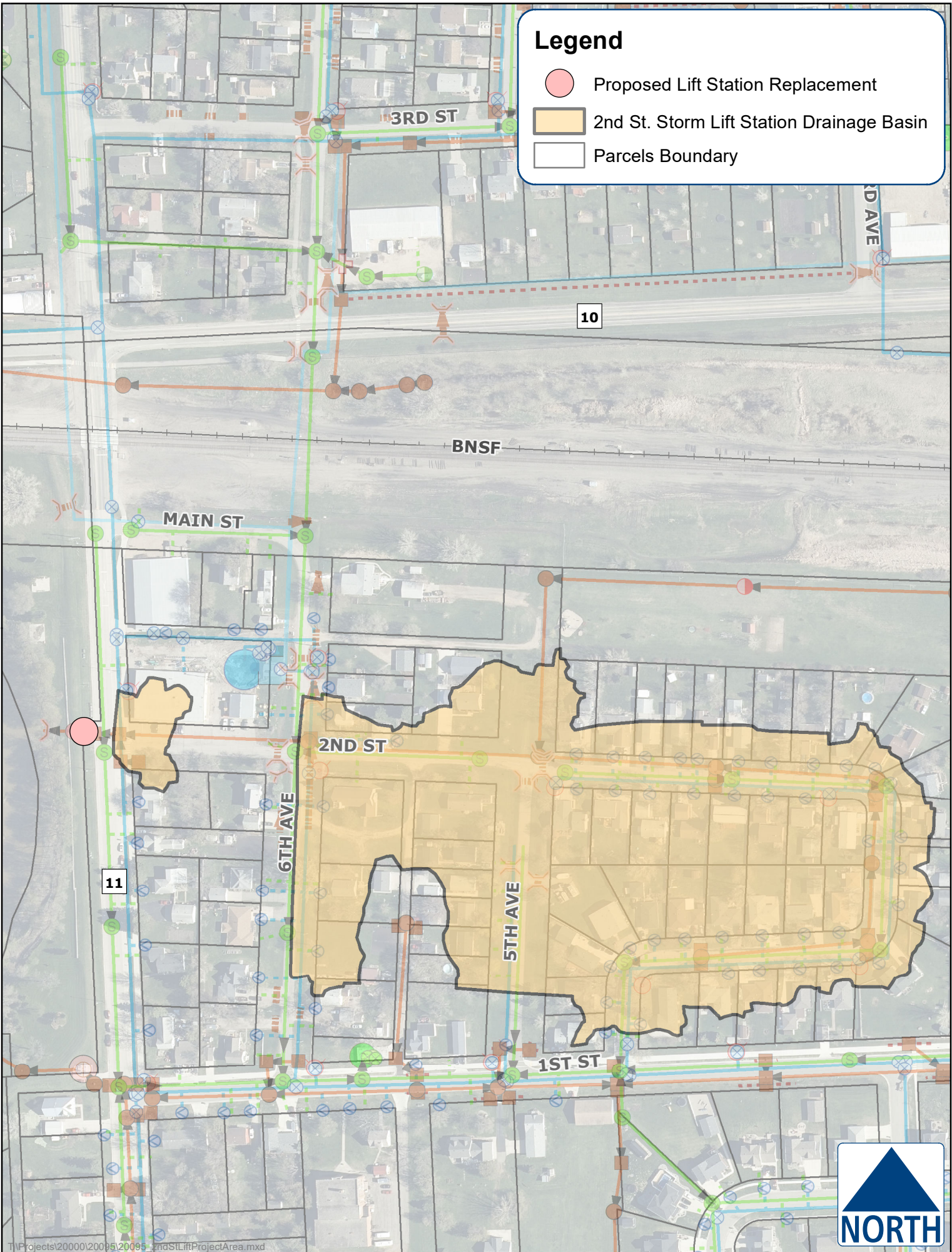
<input checked="" type="checkbox"/>	1. Benefit cost ratio : A benefit/cost analysis has not been completed for the project.
<input checked="" type="checkbox"/>	2. Land area benefited : The lift station serves approximately a 12 acre drainage basin.
<input checked="" type="checkbox"/>	3. Population benefited The benefiting population is approximately 175 people directly.
<input type="checkbox"/>	4. Downstream flood reduction N/A
<input type="checkbox"/>	5. Total acre-feet of retention storage N/A

Attachments

<input checked="" type="checkbox"/>	1. Funding Request Memo from the Project Owner
<input checked="" type="checkbox"/>	2. Location Map

Legend

-  Proposed Lift Station Replacement
-  2nd St. Storm Lift Station Drainage Basin
-  Parcels Boundary



Other Bushiness- not included in original agenda packet

From: [Kaushagen, Taylor](mailto:Kaushagen.Taylor)
To: [Kaushagen, Taylor](mailto:Kaushagen.Taylor)
Subject: FW: Rush River
Date: Friday, December 2, 2022 4:22:40 PM

From: Kurt Lysne <kurt.lysne@mooreengineeringinc.com>
Sent: Thursday, December 1, 2022 4:57 PM
To: Wilson, Robert <WilsonRo@casscountynynd.gov>
Cc: Lewis, Carol <LewisC@casscountynynd.gov>; Joshua Hassell <joshua.hassell@mooreengineeringinc.com>
Subject: FW: Rush River

CAUTION: EXTERNAL EMAIL

Hi Robert,

As we discussed on the phone, the Cass County Joint Water Resource District will be submitting a request to the Cass County Flood Sales Tax to assist with final design of the Amenia levee project. We will know the final amount being requested once the State Water Commission finalizes their cost-share policy updates and reviews this project at their meeting in early February 2023.

The Rush River RCPP watershed planning process was completed, and the watershed plan was paid for and approved by the NRCS. The final plan resulted in a flood control project to remove the City of Amenia from the 100-year floodplain as the preferred alternative. With the final plan approved, the project has moved forward into final design and full funding from the NRCS. The current scope of work is final design services including hydrology and hydraulic analysis, geotechnical analysis and preparation of final plans and specifications for the flood control project to remove the City of Amenia from the floodplain. Additionally, the CCJWRD has spent a considerable amount of time meeting with impacted landowners. The landowners have made requests to modify the alignment. These unanticipated alignment changes will require updates to the watershed plan to keep that document consistent with the documents prepared during the final design. This request is not the total design or project cost, but the amount needing funding above the amount being funded by the NRCS.

Here are the numbers for the two SWC funding scenarios, which will be approved in early February 2023.

Total	\$195,000.00
Water Commission Cost Share (50%)	\$97,500.00
Cass County Flood Sales Tax (90%)	\$87,750.00
Local	\$9,750.00

Total	\$195,000.00
Water Commission Cost Share (60%)	\$117,000.00
Cass County Flood Sales Tax (90%)	\$70,200.00

Local

\$7,800.00

We would like to give a preview of this request during the Flood Sales Tax meeting on Monday, as well as set the table for a potential special meeting shortly after the February SWC meeting.

Thanks,
Kurt

Kurt Lysne, PE*, CFM

West Fargo Office Manager / Senior Engineer

moore engineering, inc.

*Licensed in ND & MN

Phone 701.282.4692 | Fax 701.282.4530

Direct 701.499.5856 | Cell 218.205.3324

925 10th Ave E, Suite 1, West Fargo, ND 58078

kurt.lysne@mooreengineeringinc.com | www.mooreengineeringinc.com

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