

Monday Afternoon
Riverside, NJ
July 13, 2020
Teleconference Meeting
4:30pm

STATEMENT:

Public Notice of this meeting pursuant to the Open Public Meetings Act has been given by the Riverside Sewerage Authority in the following manner:

1. Posting written notice on the official bulletin board at the Riverside Township Administrative Office Building on June 29, 2020.
2. Written notice was delivered to the Burlington County Times and the Courier Post on June 29, 2020.
3. Filed written notice with the Clerk of the Township of Riverside on June 29, 2020.

The regular meeting of the Riverside Sewerage Authority was held on the above date during a Teleconference Meeting due to the COVID – 19 Pandemic.

ROLL CALL

Mr. Mingin – present, Mr. Haman – Not in attendance, Mr. Conard – present, Mr. Van Meter – present, Mr. Horton – present.

Also present: Authority Secretary Susan M. Dydek, Treasurer Meghan Jack, Attorney Richard Wells and Engineer Hugh Dougherty. Superintendent Joseph Bader was not in attendance.

RESOLUTION:

Mr. Conard made a motion to adopt Resolution 2020 - #22 entitled, “A Resolution of the Riverside Sewerage Authority Awarding the Contract for the Sewer Plant Generator Replacement Project” seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Conard, Van Meter, and Horton. Abstain – None. Nays – None. Motion carried.

Mr. Van Meter made a motion to adopt Resolution 2020 - #24 entitled, “A Resolution of the Riverside Sewerage Authority Authorizing a Change Order to the Roof Replacement Project” seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Conard, Van Meter, and Horton. Abstain – None. Nays – None. Motion carried.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter and Mr. Mingin that the minutes of the Teleconference Meeting of June 8, 2020 be approved as written carried.

RESOLUTION 2020 - #22A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY
AWARDING THE CONTRACT FOR THE SEWER PLANT GENERATOR
REPLACEMENT PROJECT.

WHEREAS, the Riverside Sewerage Authority of the Township of Riverside has requested bids for Sewer Plant Generator Replacement; and

WHEREAS, bids have been received from the following for the same in accordance with the request:

<u>COMPANY</u>	<u>BID</u>
Scalfo Electric, Inc	\$42,500.00
ABS Electrical Contractors	\$44,452.00
Municipal Maintenance Company	\$47,190.00
Ranco General Contracting	\$60,000.00
Advance Control Systems	\$60,723.00
Construct Connect	Did not bid
Dodge Data & Analytics	Did not bid

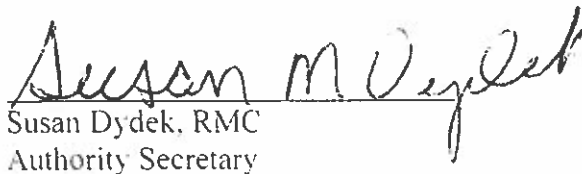
WHEREAS, the bid of Scalfo Electric Inc. totaling \$42,500.00 is hereby determined by the Riverside Sewerage Authority to be a responsible bid; and

NOW, THEREFORE, BE IT RESOLVED, by the Riverside Sewerage Authority of the Township of Riverside that project outlined above shall be awarded to Scalfo Electric, Inc.

Adopted the 13th day of July 2020 at a Teleconference Meeting of the Riverside Sewerage Authority.



Richard Horton
Chairman



Susan Dydek, RMC
Authority Secretary



Christopher J. Noll, PE, CME, PP
President & CEO
Barbara J. Fegley, AICP, PP
Sec. / Treas. & Sr. Vice President
William H. Kirchner, PE, CME, N-2
Vice President

Rakshi E. Dargi, PE, PP, CME, CF
Harry R. Fox, PE, CME, CF
G. Jeffrey Hanson, PE, CME
Joseph R. Hursh, PE, CME, CPWM
C. Jeremy Noll, PE, CME, CPWM
Joseph P. Orsino, CET
Mar. H. Seifert, LSRP, PG
Benjamin R. Weller, PE, CME, CPWM, S-3, C-3

July 6, 2020
30-24 90

Re: Sewer Plant Generator Replacement Project
Riverside Sewerage Authority
Recommendation of Award

Honorable Members
Riverside Sewerage Authority
237 S. Pavilion Avenue
Riverside, NJ 08075

Dear Honorable Members:

Bids were taken on Wednesday, July 1, 2020 for the Sewer Plant Generator Replacement Project. Seven (7) bidders obtained bid documents, and five (5) bids were received. The results of the bid opening are summarized in the table below.

Company	Total Base Bid
Scalfo Electric, Inc.	\$42,500.00
ABS Electrical Contractors	\$44,452.00
Municipal Maintenance Co.	\$47,190.00
Ranco General Contracting	\$60,000.00
Advance Control Systems	\$60,723.00
Construct Connect	DID NOT BID
Dodge Data & Analytics	DID NOT BID

Scalfo Electric, Inc. was the low bidder with a total bid price of \$42,500.00 for the work. It is recommended that, subject to budgetary constraints, the Authority award the bid to Scalfo Electric, Inc.

If you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,

Benjamin R. Weller, PE, CME
Authority Special Project Engineer's Office

BRW/kvv
Enclosure
cc: Joe Bader jbader@riversidetwp.org
Susan Dydek sd dydek@riversidetwp.org

RESOLUTION 2020-#24A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY AUTHORIZING A
CHANGE ORDER TO THE ROOF REPLACEMENT PROJECT

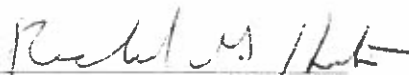
WHEREAS, the Riverside Sewerage Authority awarded a contract to Robert Ganter Contractors, Inc.; and


WHEREAS, in accordance with the project plans and specifications, the Change Order is to replace wood blocking (if & where directed) and replace metal decking (if & where directed); and

WHEREAS, the Riverside Sewerage Authority wish to approve the following change to the original contract:

Change Order #1 (decrease): (\$400.00)
Amended Contract Amount: \$56,0000.00

Adopted at the Teleconference Meeting of the Riverside Sewerage Authority on July 13, 2020.


Richard Horton, Chairman


Susan M. Dydek RMC
Authority Secretary

PUBLIC PORTION – (TECHNICAL):

Chairman Horton opened Public Portion (Technical)

In seeing no members of the Public wishing to speak, **motion made by Mr. Conard and Mr. Mingin to close Public Portion (Technical) carried.**

OLD BUSINESS:

- 1) SJM Riverside (Taubel Mills) – This item will be discussed in Closed Session.
- 2) Connection Fees and Rates – (Tabled on April 13, 2020 until the Authority meets in person.)
- 3) Enterprise Fleet Management – (This will be discussed when the Authority meets in person.)
- 4) Financial Disclosure Statements – The filing date has been extended to July 31, 2020
- 5) NJLM Conference – November 17th – 19th 2020.

NEW BUSINESS:

- 1) Sara Hartman – 700 Arndt Ave. Apt. #45 – Sewer overflowing into apartment.

ACTION:

None.

CORRESPONDENCE:

- 1) Kokes Properties – Sewerage Connection Credit.
- 2) Pennoni – Chester Avenue Developers, LLC – Treatment Works Application.
- 3) Pennoni – SJM Riverside, LLC – Treatment Works Application.
- 4) Kaplan Companies – Deed of Easement, Block 602 Lot 2.01 – Chairman Horton stated that this easement is regarding the road that goes up to the pumping station. Chairman Horton stated that there is already a deed restriction in place.

REPORTS:**PLANT:**

Mr. Conard reported that everything is running well with the exception of the sand filter being down which may have caused elevated levels of the suspended solids in the effluent directly affected the E. Coli colony counts.

APPEALS

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Haman was not in attendance. Treasurer Jack reported that the Audit has been completed and there should be an audit report for the next meeting.

STREETS:

Mr. Van Meter reported that there was an opening at Fairview & Adams Streets.

INSPECTIONS:

Mr. Horton reported that there were no inspections for the month.

SUPERINTENDENT'S REPORT:

The Superintendent's Report was submitted and is on file in the Authority Secretary's Office.

Motion made by Mr. Conard, seconded by Mr. Mingin to accept the Superintendent's Report carried.

ENGINEER'S REPORT:

Engineer Dougherty reported that the NJPDES Permit Application was submitted on July 3, 2020. The Arc Flash Study Report was submitted. The Plant Flow must be evaluated if the average flow for 12 months reached 95% of permitted flow. The Chester Avenue Development (Delran) and The Mill TWA Permit Applications are currently being reviewed. Engineer Dougherty would like to meet with Superintendent Bader and Mr. Conard to discuss any 2020 Lining Projects and spot repairs.

The Engineer's Report was submitted and is on file in the Authority Secretary's Office.

There were no comments or concerns presented.

Motion made by Mr. Van Meter, seconded by Mr. Mingin to accept the Engineer's Report carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack had nothing additional to report.

BILLS AND EXPENDITURES:

Motion made by Mr. Conard, seconded by Mr. Mingin that all bills and expenditures be paid carried.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – July 13, 2020**

1. The Plant Performance Summary for May, 2020 is attached for review. There was an E. COLI violation during this reporting period. It is my opinion, due to the Sand Filters removal from service for maintenance, the elevated levels of the suspended solids in the effluent directly affected the E. Coli colony counts. Now that two of the Sand Filters have been returned to service, extra E. Coli analysis per month will be analyzed to verify the Plant is operating as designed.

The Residuals [Sludge] Management Summary for May, 2020 is also attached for review. Dewatered sludge [75 yds] was removed by the Woolston Company for composting at the County facility.

2. The Trouble Log Summary for June, 2020 is attached for review.

Two Properties were reported to the NJDEP for a lateral vent overflow this reporting period.

1. 132 Delaware Avenue NJDEP Case # 200607172112.
2. 212 Madison Street NJDEP Case # 200623190628.

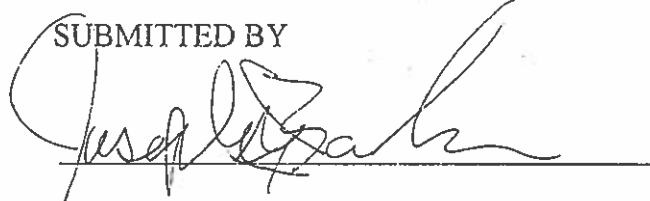
3. There is no Line Maintenance Summary for June, 2020 attached for review.
4. An emergency repair to a damage main invert for Manhole 429 was performed. The manhole is located in front of 135 North Fairview Street. A portion of the collection main's invert was missing and possibly cause a sink hole in the road.
5. No measurements were taking for the Secondary Digester Cover tilt during this reporting period.

[The Secondary Digester is not operating as designed. The Secondary Digester Dome requires methane gas produced in the Primary Digester for the secondary roof to float correctly.

6. Environmental Resolutions Inc [ERI] is scheduling a meeting with ALS [new lab] at the Plant before QC/Eurofins is terminated.
7. The Effluent Flow Meter isn't operating as designed. This meter is accentual for the permit. Quotations are being requested currently.
8. The Sand Filter # 3 remains out of service for inspection and maintenance. The NJDEP Case # is 200427184535.
9. The second day of training for the CCTV inspection equipment will be completed on July 15, 2020.
10. The Commercial/Industrial and Residential meter readings have been submitted to the Town Hall.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - July 13, 2020**

SUBMITTED BY

A handwritten signature in black ink, appearing to read "Joseph G. Bader", written over a horizontal line.

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

May 2020

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW< INFLUENT			NITRATE (AS N), EFFLUENT		1/6months
Monthly Avg	Report	0.79 MGD	Mon Avg Conc	Report	#DIV/0! MG/L
Daily Maximum	Report	1.10 MGD	Daily Max Conc	Report	0.00 MG/L
FLOW, EFFLUENT			E. COLI		
Monthly Avg	Report	0.98 MGD	Monthly Avg	Report	551.36 /100ML
Daily Maximum	Report	1.18 MGD	Instant Max	Report	551.36 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		
Mon Avg Conc	Report	228.67 MG/L	Monthly Avg	200/100ML	600.00 /100ML
Weekly Avg Conc	Report	363.00 MG/L	Weekly Avg	400/100ML	600.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		1/6months
Mon Avg Loading	98 KG/D	57.03 KG/D	LC50 96 hr Acute	50%	Code=N %
Weekly Avg Loading	147 KG/D	61.59 KG/D	IC25 7 day Chronic	Report	53.40 %
Mon Avg Conc	30 MG/L	15.60 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	17.20 MG/L	Mon Avg Conc	Report	0.01 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.01 MG/L
Mon Avg Minimum	88.5%	92.32 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	16.10 DEG C
Minimum	Report	6.82 S.U.	Monthly Avg	Report	17.94 DEG C
Maximum	Report	7.36 S.U.	Maximum	Report	20.10 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.00 S.U.	Minimum	Report	15.80 DEG C
Maximum	9.00 S.U.	8.24 S.U.	Monthly Avg	Report	18.32 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	21.20 DEG C
Mon Avg Conc	Report	255.33 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	294.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	8.50 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT		
Mon Avg Loading	113 KG/D	96.88 KG/D	Mon Avg Conc	Report	4.90 MG/L
Weekly Avg Loading	170 KG/D	120.97 KG/D	Weekly Avg Conc	Report	4.90 MG/L
Mon Avg Conc	30 MG/L	26.40 MG/L	COPPER, EFFLUENT		
Weekly Avg Conc	45 MG/L	34.00 MG/L	Mon Avg Conc	Report	Quarterly only
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	Code=N MG/L
Mon Avg Minimum	85.0%	89.53 %	ZINC, EFFLUENT		
OIL&GREASE, EFFLUENT		Quarterly only	Mon Avg Conc	Report	Code=N MG/L
Mon Avg Conc	10 MG/L	2.20 MG/L	Daily Max Conc	Report	Code=N MG/L
Daily Max Conc	15 MG/L	2.20 MG/L	Total Dissolved Solids		
AMMONIA NITROGEN (MAY-OCT), EFFLUENT			Mon Avg Conc	Report	329.00 MG/L
Mon Avg Loading	18.8 KG/D	10.0133 KG/D	Daily Max Conc	Report	329.00 MG/L
Daily Max Loading	37.9 KG/D	18.2611 KG/D	CPO (Total Chlorine		
Mon Avg Conc	5 MG/L	2.7667 MG/L	Mon Avg Conc	Report	Once Monthly
Daily Max Conc	10 MG/L	5.1000 MG/L	Daily Max Conc	Report	0.01 MG/L

Code = N Not Required This Monitoring Period
 LC50 96 hr Acute Required 1/6months
 IC25 7 day Chronic Required 1/ 12 Monthes

RESIDUALS MANAGEMENT SUMMARY

May 2020

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	0.00 gal	% Total Solids, minimum	2.10 %
Average Gallons/Day	0.00 gpd	% Total Solids, average	1.80 %
Total Dry Tons	0.00 dt	% Total Solids, maximum	1.97 %
Average Dry Tons/ Day	0.00 dt/d	% Total Volatile Solids, minimum	95.70 %
Total Metric Tons	0.00 mt	% Total Volatile Solids, average	83.33 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	88.01 %
Total Wet Cu yards a Month	75.00 WCYM	pH minimum	4.83 s.u.
LIQUID SLUDGE REMOVED		pH maximum	6.27 s.u.
Total Gallons	0.00 gal	sludge sample temperature, min	16.20 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, avg	18.25 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	22.00 C
Average Dry Tons/ Day	N.R. dt/d		
Total Metric Tons	N.R. mt	PRIMARY DIGESTER SLUDGE	
Average Metric Tons/Day	N.R. mt/d	% Total Solids, minimum	2.80 %
% Total Solids, Minimum	0.00 %	% Total Solids, average	1.20 %
% Total Solids, Average	0.00 %	% Total Solids, maximum	2.03 %
% Total Solids, Maximum	0.00 %	% Total Volatile Solids, minimum	80.95 %
pH, Minimum	s.u.	% Total Volatile Solids, average	75.00 %
pH, Maximum	s.u.	% Total Volatile Solids, maximum	77.82 %
		pH minimum	6.31 s.u.
DEWATERED SLUDGE REMOVED		pH maximum	6.73 s.u.
Total Gallons to Belt Press	0.00 gal	sludge sample temperature, min	25.80 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, avg	29.27 C
% Total Solids, minimum	18.50 %	sludge sample temperature, max	32.00 C
% Total Solids, average	17.10 %		
% Total Solids, maximum	17.97 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	78.14 %	% Total Solids, minimum	1.80 %
% Total Volatile Solids, average	77.80 %	% Total Solids, average	1.10 %
% Total Volatile Solids, maximum	77.93 %	% Total Solids, maximum	1.53 %
Total Wet Cubic Yards	75.00 cu yd	% Total Volatile Solids, minimum	72.72 %
Average Wet Cubic Yards	2.42 cy/d	% Total Volatile Solids, average	70.50 %
Total Dry Tons	NA dt	% Total Volatile Solids, maximum	71.81 %
Average Dry Tons/ Day	NA dt/d	pH minimum	6.76 s.u.
Total Dry Metric Tons	9.22 mt	pH maximum	6.84 s.u.
Average Dry Metric Tons	0.30 mt/d	sludge sample temperature, min	20.20 C
		sludge sample temperature, avg	20.50 C
OPERATIONS		sludge sample temperature, max	20.80 C
Heat Exchange, Temp In, min	90.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	91.39 F	Raw to Secondary Digester, minimum	88.32 %
Heat Exchange, Temp In, max	98.00 F	Raw to Secondary Digester, average	46.67 %
Heat Exchange, Temp Out, min	90.00 F	Raw to Secondary Digester, maximum	64.27 %
Heat Exchange, Temp Out, avg	91.10 F		
Heat Exchange, Temp Out, max	95.00 F		
Detention Time, Primary Digester	#DIV/0! days		
Detention Time, Secondary Digester	#DIV/0! days		

N.R. = None Removed
N.S. = Not Sampled
N.W. = Not Working

O.O.S. = Out Of Service
R.T.S. = Return To Service
N.I.S. = Not In Service

June 2020 Trouble Log Summary

<i>Date</i>	<i>Report #</i>	<i>Address</i>	<i>Condition(s) Reported</i>	<i>Condition(s) Found</i>	<i>Disposition</i>
6/1/2020	2020-071	106 MORTON STREET	Slow/no drainage	Main clear	Notified owner/tenant
6/6/2020	2020-072	220 PINE STREET	Markout request	Main clear	Markout main/lateral/vent
6/7/2020	2020-073	220 PINE STREET	Markout request	Main clear	Markout main/lateral/vent
6/7/2020	2020-074	301 W. WASHINGTON STREET	Markout request	Main clear	Markout main/lateral/vent
6/7/2020	2020-075	130 DELAWARE AVENUE	Other	Main clear	Notified owner/tenant
6/16/2020	2020-076	406 KOSSUTH STREET	Vent overflow	Main clear	Notified owner/tenant
6/16/2020	2020-077	240 KOSSUTH STREET	Backflow into property	Main clear	Notified owner/tenant
6/22/2020	2020-078	211 HEULINGS AVENUE	Vent overflow	Main clear	Notified owner/tenant
6/23/2020	2020-079	212 MADISON STREET	Vent overflow	Main clear	Notified owner/tenant
6/25/2020	2020-080	HARRISON STREET	Markout request	Main clear	Markout main/lateral/vent
6/25/2020	2020-081	45 A. RIVER TERRACE APTS	Backflow into property	Main clear	Notified owner/tenant
6/26/2020	2020-082	611 ADAMS STREET	Slow/no drainage	Main clear	Notified owner/tenant
6/29/2020	2020-083	700 HENRY STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
6/30/2020	2020-084	57 PARK AVENUE	Odor complaint	Main clear	Notified owner/tenant

RESOLUTION 2020 - #23
A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY
PROVIDING FOR A MEETING NOT OPEN TO THE PUBLIC
IN ACCORDANCE WITH THE PROVISIONS OF
THE NEW JERSEY OPEN PUBLIC MEETINGS ACT, N.J.S.A. 10:4-12

WHEREAS, the Riverside Sewerage Authority is subject to certain requirements of the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.; and

WHEREAS, the Open Public Meetings Act, N.J.S.A. 10:4-12, provides that an Executive Session, not open to the public, may be held for certain specified purposes when authorized by Resolution; and

WHEREAS, it is necessary for the Riverside Sewerage Authority to discuss in a session not open to the public certain matters relating to Attorney – Client Privilege.

NOW, THEREFORE, BE IT RESOLVED, by the Riverside Sewerage Authority, that the Authority assembled in a teleconference meeting on July 13, 2020, that an Executive Session closed to the public shall be held during the Teleconference Meeting of the Riverside Sewerage Authority on July 13, 2020 for the discussion of matters relating to the specific items designated above. It is anticipated that the deliberations conducted in closed session may be disclosed to the public upon the determination of the Riverside Sewerage Authority that the public interest will no longer be served by such confidentiality.

I HEREBY CERTIFY that the foregoing Resolution was adopted by the Riverside Sewerage Authority, in the Township of Riverside, County of Burlington, State of New Jersey, at a Teleconference Meeting held on July 13, 2020.


Susan M. Dydek, RMC
Authority Secretary

PUBLIC PORTION (INFORMATIONAL)

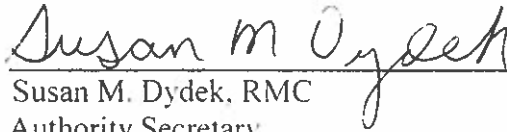
In seeing no members of the public present, motion made by Mr. Van Meter, seconded by Mr. Mingin to close Public Portion (Informational) carried.

RESOLUTION:

Mr. Conard made a motion to adopt Resolution 2020 - #23 entitled, "A Resolution of the Riverside Sewerage Authority Providing for a Meeting Not Open to the Public in Accordance with the Provisions of the New Jersey Open Public Meetings Act N.J.S.A. 10:4-12" seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Conard, Van Meter, and Horton. Abstain – None. Nays – None. Motion carried.

Motion made by Messrs. Van Meter and Mingin to reopen the meeting carried.

There being no further business to attend to, motion made by Mr. Van Meter and Mr. Mingin that the meeting be adjourned, and so declared by Chairman Horton.


Susan M. Dydek, RMC
Authority Secretary

