

DRAFT

RACINE COUNTY PUBLIC WORKS, PARKS AND FACILITIES COMMITTEE MEETING
THURSDAY, JANUARY 27, 2022 - SUMMARY MINUTES

Ives Grove Auditorium
Ives Grove Office Complex
14200 Washington Avenue
Sturtevant WI 53177

Committee Present: Robert Grove, Tom Kramer, Eric Hopkins, Tom Hincz, Brett Nielsen

Committee Excused: Thomas Pringle, Jody Spencer

**Youth in Governance
Representatives:** Andrew Karnes (excused), Aaliyah Williams (not present)

Staff Present: Julie Anderson, Public Works & Development Services Director,
Roley Behm, Public Works Superintendent

1. Call to Order, Roll Call

The meeting was called to order at 6:00 p.m. by Chair Bob Grove.

**2. Review and possible approval of the draft summary minutes for the January 13, 2022,
6:01 meeting.**

Supervisor TOM KRAMER moved, seconded by **Supervisor Nielsen**, to approve the January 13, 2022, minutes. **Motion carried unanimously: VOTE: 5/0**

3. Public Comments

There were none.

**4. Presentation, discussion, and possible action on a resolution and fiscal note for the
6:01 purchase of a tack truck.**

Roley Behm introduced this item. The old tack truck would be traded in to purchase a newer truck, total expenditure not to exceed \$45,000.00. The replacement truck would be a 2010 Mitsubishi, the life expectancy is estimated to be 30 years. It is only used in the summer for road construction.

This item will also be presented at the Finance and Human Resource Committee on February 2, 2022.

Supervisor TOM HINCZ moved, seconded by **Supervisor Kramer**, to forward this item to the Finance and Human Resources Committee for approval. **Motion carried unanimously: VOTE: 5/0**

5. **Presentation, discussion, and possible action on a Resolution authorizing application and acceptance of outdoor recreation trail aids – County Snowmobile trail aids funding through the Wisconsin Department of Natural Resources (WDNR) in the amount of \$49,950.00 within the Parks 2022 Budget. (1st reading of the County Board on February 8, 2022).**
6:09

Julie Anderson presented this item. This action will allow the department to make application for grant funds, which is done on an annual basis.

Supervisor TOM KRAMER moved, seconded by **Supervisor Hincz**, to this item to the Finance and Human Resources Committee for approval.

Motion carried unanimously: VOTE: 5/0

6. **Communications and Referrals**
6:17

None

7. **Miscellaneous Public Works business**
6:17

Next scheduled PWPF meeting: Thursday, February 10, 2022, at 6:00 p.m.

8. **Adjournment**
6:18

There being no further business, **Supervisor TOM HINCZ moved**, seconded by **Supervisor Kramer** to adjourn at **6:18 p.m.**

Motion carried unanimously: VOTE: 5/0

February 22, 2022

RESOLUTION NO. 2021-XX

**RESOLUTION BY THE PUBLIC WORKS, PARKS AND FACILITIES COMMITTEE
AUTHORIZING THE CONVEYANCE OF COUNTY-OWNED LAND BY PERMANENT
EASEMENT TO YORKVILLE SEWER UTILITY DISTRICT NO. 1 FOR A WATER MAIN
CROSSING RACINE COUNTY PROPERTY**

To the Honorable members of the Racine County Board of Supervisors:

BE IT RESOLVED by the Racine County Board of Supervisors that Racine County is authorized to transfer certain county-owned lands to Yorkville Sewer Utility District No. 1 for utility purposes; and

BE IT FURTHER RESOLVED by the Racine County Board of Supervisors that Racine County is authorized to grant easements on certain county-owned lands to the Yorkville Sewer Utility for infrastructure purposes; and

BE IT FURTHER RESOLVED by the Racine County Board of Supervisors that the land easements are, as set forth in Exhibits "A" and "B", attached hereto; and

BE IT FURTHER RESOLVED by the Racine County Board of Supervisors that Corporation Counsel is authorized to prepare or review any agreement or other document, with the necessary and appropriate terms and conditions to facilitate this transaction; and

BE IT FURTHER RESOLVED by the Racine County Board of Supervisors that additional terms and conditions may be applicable as the Corporation Counsel and the Director of the Public Works and Development Services Department deem necessary and appropriate; and

BE IT FURTHER RESOLVED by the Racine County Board of Supervisors that any two of the County Executive, the County Clerk and/or the County Board Chairman are authorized to execute any contracts, agreements, amendments, or other documents necessary to carry out the intent of this resolution.

Respectfully submitted,

1st Reading _____

**PUBLIC WORKS, PARKS AND FACILITIES
COMMITTEE**

2nd Reading _____

3
4
5 BOARD ACTION

_____ Robert D. Grove, Chairman

6 Adopted _____

7 For _____

8 Against _____

9 Absent _____

_____ Tom Kramer, Vice-Chairman

10
11 VOTE REQUIRED: Majority

_____ Tom Hincz, Secretary

12
13 Prepared by:
14 Public Works and Development
15 Services Department

_____ Eric Hopkins

16
17 _____ Jody Spencer

18
19
20 Thomas Pringle

21
22
23 Brett A. Nielsen

24
25
26 The foregoing legislation adopted by the County Board of Supervisors of
27 Racine County, Wisconsin, is hereby:

28 Approved: _____

29 Vetoed: _____

30
31 Date: _____,

32
33 _____
34 Jonathan Delagrave, County Executive

35
36
37 **WHEREAS**, the Yorkville Sewer Utility District No. 1 is upgrading their treatment plant in
38 the Village of Yorkville and must have said work done by end of June 2022, and

39
40 **WHEREAS**, the Yorkville Sewer Utility District No. 1 has deemed it necessary to install a
41 new water main that connects to their upgraded plant; and

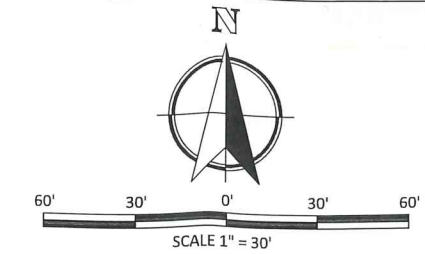
42
43 **WHEREAS**, the water main will be located beneath the parking lot at the Racine County
44 Sheriff Office directly adjacent to STH 20 which requires an easement; and

45
46 **WHEREAS**, the water main will be installed via direct boring and the work will be
47 completed in one day and will not impact the operations at the Sheriff office; and

48
49 **WHEREAS**, the Village of Yorkville Utility District No.1 will complete all restoration work
50 required for this water main project.

UTILITY CONFLICT RESOLUTION TABLE

LOCATION	UTILITY	BOTTOM OF PIPE	TOP OF PIPE	CLEARANCE
I	2" SFM	759.21	759.46	1.50'
K	1" WTR	760.96	761.04	2.97'
L	10" RSI	757.13	757.99	6.19'
P	6" WTR	760.96	761.13	4.74'
Q	4" WAS	755.85	756.22	6.17'
R	2" WTR	760.96	761.13	1.61'
U	18" STM	760.17	761.82	5.77'
V	4" WAS	752.44	752.79	13.57'
W	6" WTR	758.56	759.09	1.30'
	8" SAN	759.31	759.84	
	8" SAN	745.05	745.74	
	6" WTR	756.78	757.31	
	8" SAN	754.79	755.48	



REFERENCES

ANY OR ALL OF THE FOLLOWING REFERENCE DOCUMENTS THAT ARE APPLICABLE TO THE PROPOSED ITEMS OF WORK ARE INCLUDED IN THIS CONTRACT:

STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION, DECEMBER 22, 2003 WITH ADDENDA NO. 1 AND NO. 2, HEREIN REFERRED TO AS "STANDARD SPECIFICATIONS."

STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, CURRENT EDITION, HEREIN REFERRED TO AS "STATE SPECIFICATIONS." THE CURRENT VERSION OF THE "STATE SPECIFICATIONS" IS AVAILABLE ON THE WISDOT WEBSITE AT <http://roadwaystandards.dot.wi.gov/standards/stdspec/index.htm>

GENERAL UTILITY NOTES

THE CONTRACTOR SHALL CONTACT THE VILLAGE OF YORKVILLE 3 DAYS PRIOR TO PROPOSED WATERMAIN SHUTDOWNS OR ANY WORK THAT MAY INTERFERE WITH EXISTING WATER SERVICE. ALL EXISTING VALVES, HYDRANTS, AND OTHER WATER INFRASTRUCTURE SHALL BE MAINTAINED AND OPERATED BY THE VILLAGE OF YORKVILLE.

WATER MAIN / SEWER SPECIFICATIONS

ALL APPLICATIONS AND CONNECTION FEES FOR SANITARY SEWER SERVICES MUST BE SUBMITTED AND PAID PRIOR TO CONNECTION TO THE PUBLIC SYSTEMS.

ANY UTILITY WORK IN THE PUBLIC RIGHT-OF-WAY (OR EASEMENTS) AND ALL SANITARY SEWER CONSTRUCTION TO BE INSPECTED BY THE VILLAGE OF YORKVILLE. NOTIFY THE VILLAGE OF YORKVILLE 48 HOURS IN ADVANCE OF CONNECTING TO SEWER.

CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS AND SIZES OF EXISTING SANITARY AND STORM SEWERS, WATER MAINS, GAS & ELECTRIC LINES AND OTHER ADJACENT UTILITIES PRIOR TO COMMENCING CONSTRUCTION. AS-BUILT (FIELD) DATA SHALL BE USED TO CHECK ALL PROPOSED UTILITY CROSSINGS FOR CONFLICTS.

THE EXACT LOCATION OF THE SANITARY SEWER LATERAL, DOMESTIC WATER LINE, FIRE PROTECTION LEAD, NATURAL GAS SERVICE, ELECTRIC, PHONE AND CABLE LINES (AS THEY ENTER THE BUILDING) SHALL BE PER THE ARCHITECTURAL OR MECHANICAL DRAWINGS.

MATERIALS FOR WATERMAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES (SPS) AND THE VILLAGE OF YORKVILLE SPECIFICATIONS.

SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN", 6TH EDITION, DECEMBER 22, 2003 WITH ADDENDA NO. 1 AND NO. 2, HEREIN REFERRED TO AS THE "STANDARD SPECIFICATIONS".

A 10-GAUGE TRACER WIRE SHALL BE INSTALLED THE ENTIRE LENGTH OF ALL PRIVATE WATER LATERALS PER SPS 382.40(8)(k). THE TRACER WIRE SHALL BE EXTENDED TO THE SURFACE AT THE BUILDING WALL AND ALL OTHER SYSTEM LIMITS (FOR EACH SYSTEM INSTALLED) AND ENCLOSED IN A RISER BOX WITH "WATER" ON THE COVER.

WATER SERVICE SHALL BE TWO INCH (2") MINIMUM COPPER TYPE "K". WATER SERVICE CONNECTION SHALL BE CONSTRUCTED WITH MUELLER MODEL NUMBER H-15000 CORPORATIONS, MUELLER "ORI SEAL" MODEL NUMBER H-15201 CURB VALVES, AND MUELLER 1-1/4" ARCH PATTERN CURB BOX (MODEL NUMBER H-10385).

SANITARY SEWER LATERAL PIPE MATERIAL SHALL BE 6" AND 10" PVC CLASS SDR-26, CONFORMING TO THE REQUIREMENTS OF ASTM D3034 AND F-789/P546 WITH RUBBER GASKETS. CLEAN-OUT RISERS SHALL BE 6" DIAMETER WITH 8" DIAMETER FROST SLEEVE CONSTRUCTED OF THE SAME MATERIAL.

ALL SEWER AND WATER LINES INSTALLED IN PROPOSED PRIVATE PAVED AREAS SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH TABLE 37, CHAPTER 8.43.4 OF THE "STANDARD SPECIFICATIONS". BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF FIVE FEET (5') OUTSIDE OF THE PAVEMENT LIMITS. TRENCHES RUNNING PARALLEL TO AND LESS THAN FIVE FEET (5') FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE COMPACTED GRANULAR BACKFILL.

ALL SEWER AND WATER LINES INSTALLED IN EXISTING PUBLIC ROADS SHALL BE BACKFILLED WITH SLURRY MATERIAL IN ACCORDANCE WITH CHAPTER 8.43.8 OF THE "STANDARD SPECIFICATIONS". BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF FIVE FEET (5') OUTSIDE OF THE PAVEMENT LIMITS.

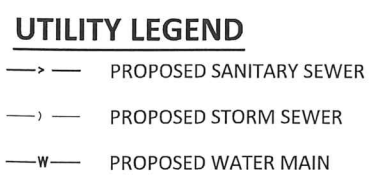
PROVIDE FIVE FEET (5') OF COVER OVER ALL SANITARY SEWERS AND FIVE AND ONE HALF FEET (5-1/2') OF COVER OVER ALL WATER MAINS. MINIMUM HORIZONTAL SEPARATION OF UTILITY MAINS IS EIGHT FEET (8'). PROVIDE VERTICAL SEPARATION OF UTILITIES PER CODE.

CONNECTIONS TO THE PUBLIC SANITARY SEWER MAIN SHALL BE MADE USING A "CUT-IN-WYE" AND INSTALLED BY CORE DRILLING A HOLE IN THE MAIN AND ATTACHING A GASKETED WYE SADDLE WITH STAINLESS STEEL CLAMPS. THIS CONNECTION MAY ALSO BE MADE USING AN INSERTA TEE, INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE SANITARY SEWER CONNECTION IS REQUIRED TO BE INSPECTED BY THE VILLAGE OF YORKVILLE. NOTIFY THE VILLAGE OF YORKVILLE 48 HOURS IN ADVANCE OF CONNECTING TO THE SEWER.

AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

PROPOSED 256 LF WATER SERVICE REALIGNMENT AND 20' WIDE WATERMAIN EASEMENT

ORIGINAL WATER SERVICE ALIGNMENT AND 20' WIDE WATERMAIN EASEMENT



- REVISION NOTES**
- 1.0 MODIFY THE WATER SERVICE LATERAL TO BUILDING #20 FROM 1" DIAMETER TO 2" DIAMETER.
 - 1.1 ADD 2" WATER SERVICE FROM THE BUILDING #20 EXTENSION TO THE PROPOSED FROST PROOF YARD HYDRANT NEAR BUILDING #30.
 - 1.2 MODIFIED/ADD UTILITY CONFLICT TABLE
 - 1.3 REMOVED SANITARY SEWER DATA INFORMATION
 - 1.4 ADD NEW WATERMAIN PLAN SHEET CC-7a.



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WASTEWATER TREATMENT PLANT
YORKVILLE, WISCONSIN

UPDATE WATERMAIN PLAN DESIGN & CREATE WATERMAIN UTILITY PLAN SHEET
10-13-2021 - ALJ

FILE NO. YORSU 153779
CLIENT PROJECT NO. BID SET
PROJECT STATUS APRIL, 2021
ISSUE DATE ALJ
DESIGNED BY JWR
DRAWN BY

Short Elliot Hendrickson, Inc. O (SEH)

SHEET TITLE
SITE WATERMAIN UTILITY PLAN

SHEET
CC-7a