



DATE: November 16, 2021  
**CONSENT**

**AGENDA ITEM:** Approve Resolution Approving Plans and Specifications and Ordering Advertisement for Bids for Water Tower No. 3 Trunk Watermain Extension

**SUBMITTED BY:** Jack Griffin, City Engineer

**REVIEWED BY:** Kristina Handt, City Administrator  
Marty Powers, Public Works Director  
Chad Isakson, Assistant City Engineer

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**ISSUE BEFORE COUNCIL:** Should the City Council approve the Plans and Specifications and Order the Advertisement for Bids for Water Tower No. 3 Trunk Watermain Extension?

**BACKGROUND:** In accordance with the City's Capital Improvement Plan, a new water tower is planned for construction in 2022/2023 to support growth and development within the low-pressure zone areas of the city and to provide overall storage capacity for the city's water supply system. The Water Tower No. 3 Trunk Watermain Extension will connect the new water tower to the city's trunk watermain distribution system through a large diameter (16-inch) main that will be extended along Lake Elmo Avenue to the water tower site. On July 6, 2021, the City Council authorized the preparation of plans and specifications for Water Tower No. 3 Trunk Watermain Extension to ready the project for 2022 construction.

**PROPOSAL DETAILS/ANALYSIS:** The plans and specifications have been completed for the improvements and are ready to be advertised for contractor bids. A bid date has been scheduled for December 15, 2021.

The project includes the extension of approximately 2,000 feet of 16-inch HDPE watermain pipe along Lake Elmo Avenue, from 5th Street North to Hudson Boulevard North and west on Hudson Boulevard to the site of Water Tower No. 3. An 8-inch watermain will extend across Lake Elmo Avenue to the east boulevard to connect to the proposed Crossroads-Launch development, and an 8-inch stub will be placed at the 3rd Street Place intersection for potential future extension of watermain into the Forest neighborhood. No service stubs are proposed along route. Hydrants and system valves have been placed according to city standards and as determined by the Lake Elmo Fire Department and Department of Public Works.

**FISCAL IMPACT:** The total estimated project cost is \$476,500. The improvements will be funded from the water enterprise fund. Approval of this agenda item does not commit the city to a construction contract and allows the competitive bidding process to occur.

**RECOMMENDATION:** Staff is recommending that the City Council approve a Resolution approving the plans and specifications and ordering the advertisement for bids for Water Tower No. 3 Trunk Watermain Extension. The recommended motion for this action is as follows:

***“Move to approve Resolution No. 2021-127 Approving the Plans and Specifications and Ordering the Advertisement for Bids for Water Tower No. 3 Trunk Watermain Extension.”***

**ATTACHMENTS:**

1. Resolution Approving Plans and Specifications, and Ordering Advertisement for Bids.
2. Location Map.
3. Proposed Improvements.
4. Project Schedule.
5. Advertisement for Bids.

Project Plans and Specifications (*available for review at City Hall*).

**CITY OF LAKE ELMO  
WASHINGTON COUNTY  
STATE OF MINNESOTA**

**RESOLUTION NO. 2021-127**

**A RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND  
ORDERING ADVERTISEMENT FOR BIDS FOR THE WATER TOWER  
NO. 3 TRUNK WATERMAIN EXTENSION**

**WHEREAS**, pursuant to City Council direction provided on July 6, 2021, the City Engineer, together with SEH, Inc., has prepared plans and specifications for the Water Tower No. 3 Trunk Watermain Extension and has presented such plans and specifications to the Council for approval.

**NOW, THEREFORE, BE IT RESOLVED,**

1. Such plans and specifications, a copy of which is on file at Lake Elmo City Hall, and made a part hereof, are hereby approved.
2. The City Clerk shall prepare and cause to be inserted in the official paper and posted online with Quest Construction Data Network (QuestCDN.com) an advertisement for bids upon the making of such improvements under such approved plans and specifications. The advertisement shall be published for at least 21 days, shall specify the work to be done, and shall state that sealed bids provided by following required electronic bidding procedures outlined by QuestCDN prior to the specified bid date and time and accompanied by a bid bond or cashier's check made payable to the City of Lake Elmo in an amount not less than 5% of the amount of such bid will be considered.

**ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE SIXTEENTH DAY OF  
NOVEMBER, 2021.**

**CITY OF LAKE ELMO**

(Seal)  
ATTEST:

By: \_\_\_\_\_  
Charles Cadenhead  
Mayor

\_\_\_\_\_  
Julie Johnson  
City Clerk

X - 16-inch butterfly valves



HUDSON BOULEVARD N.

Trunk Watermain Extension

LAKE ELMO AVENUE

12x12 Garage door

WM contractor

Tank contractor

Service Door

HYDRANT

36" DIAMETER WATER TOWER FOUNDATION

OVERFLOW STRUCTURE

18" RCP

RCP CULVERT

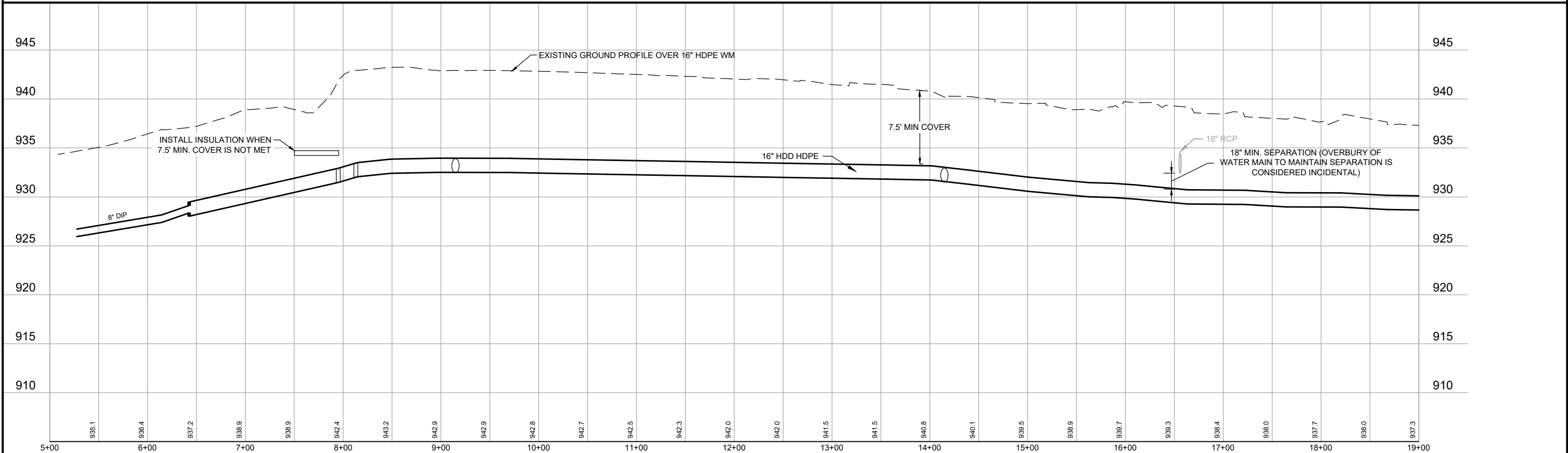
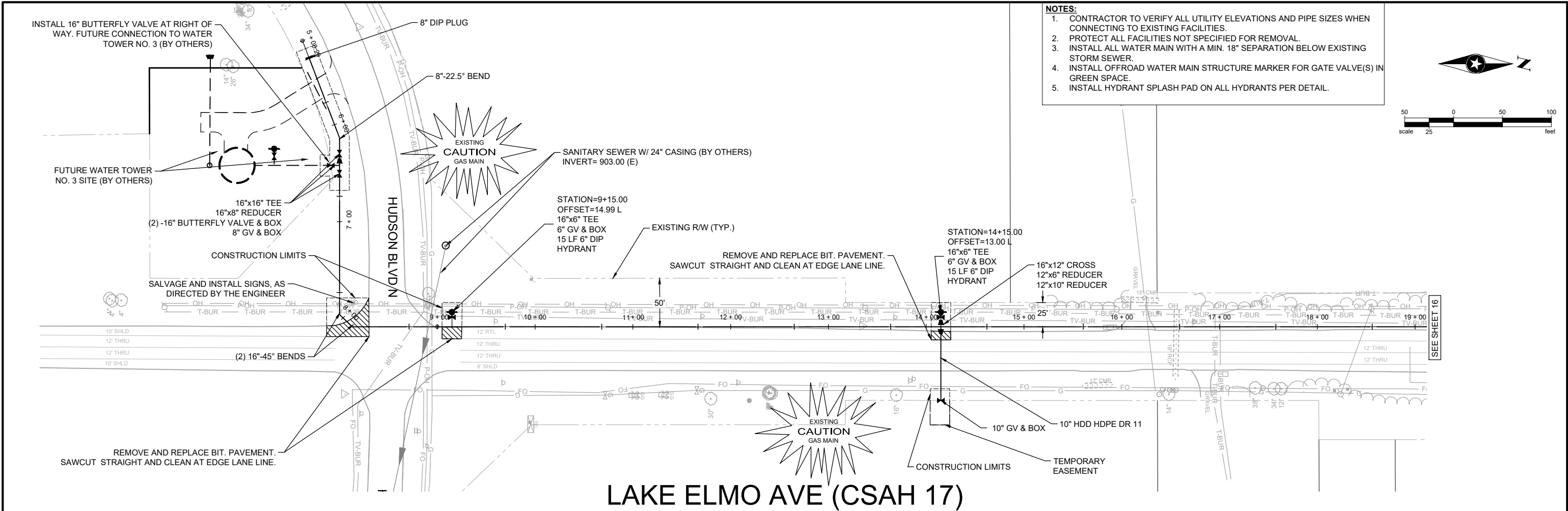
16" DIP WM

16" DIP WM

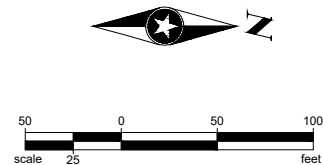
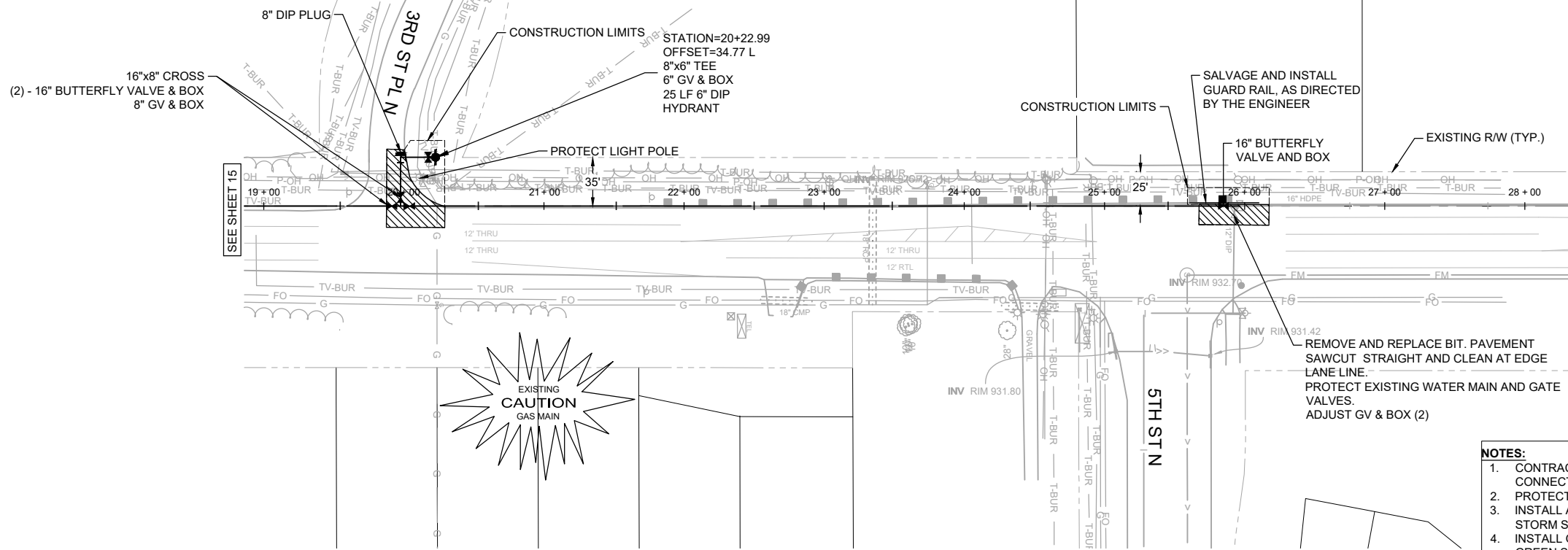


	FILE NO. 158735	<b>SITE PLAN</b> <b>WATER TOWER NO. 3</b> <b>LAKE ELMO, MINNESOTA</b>	<b>EXHIBIT</b> <b>NO. 2</b>
	DATE:		
	5/18/2021		

Save: 1/15/2021 8:46 AM zstafslie Plot: 1/15/2021 9:15 AM X:\KOLLA\KMO\162018\5-final-dsgn\51-drawings\10-Civil\cad\dwg\sheet\LE162018S02\_30SC.dwg

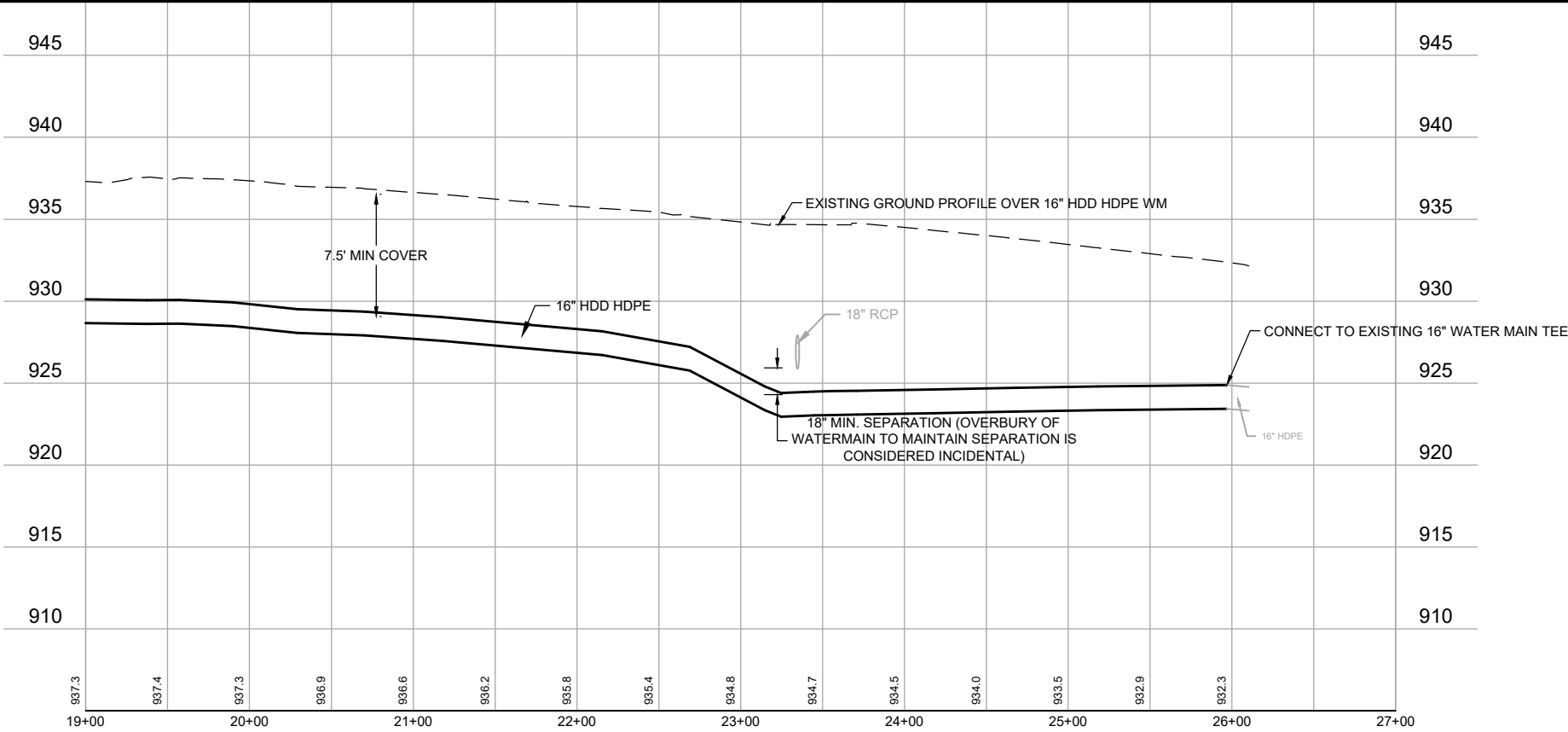


SEH Project	162018	Rev. #	Revision Issue Description	Date	Rev. #	Revision Issue Description	Date	I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	WATER TOWER NO. 3 TRUNK WATER MAIN EXTENSION LAKE ELMO, MN	LAKE ELMO AVENUE (CSAH 17) WATERMAIN PLAN & PROFILE	15 of 16
Drawn By	ZTS	.			.			ZACHARY STAFSLIEN LICENSE NO. 56679			
Designed By	ZTS	.			.						
Checked By	SDH	.			.						



LAKE ELMO AVE (CSAH 17)

- NOTES:**
1. CONTRACTOR TO VERIFY ALL UTILITY ELEVATIONS AND PIPE SIZES WHEN CONNECTING TO EXISTING FACILITIES.
  2. PROTECT ALL FACILITIES NOT SPECIFIED FOR REMOVAL.
  3. INSTALL ALL WATER MAIN WITH A MIN. 18" SEPARATION BELOW EXISTING STORM SEWER.
  4. INSTALL OFFROAD WATER MAIN STRUCTURE MARKER FOR GATE VALVE(S) IN GREEN SPACE.
  5. INSTALL HYDRANT SPLASH PAD ON ALL HYDRANTS PER DETAIL.



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I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

ZACHARY STAFSLIEN  
LICENSE NO. 56679

DATE 11/16/2021

**WATER TOWER NO. 3 TRUNK  
WATER MAIN EXTENSION**  
LAKE ELMO, MN

**LAKE ELMO AVENUE (CSAH 17)  
WATERMAIN PLAN & PROFILE**

PROJECT SCHEDULE  
CITY OF LAKE ELMO

**FOCUS** ENGINEERING, inc.

Cara Geheren, P.E. 651.300.4261  
Jack Griffin, P.E. 651.300.4264  
Ryan Stempski, P.E. 651.300.4267  
Chad Isakson, P.E. 651.300.4283

WATER TOWER NO. 3 WATERMAIN EXT  
PROJECT NO. 2021.125

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JULY 6, 2021	Authorize Plans and Specifications for Water Tower No. 3 Watermain Extension
NOVEMBER 16, 2021	Approve Plans and Specifications for Elevated Storage Tank No. 3.
DECEMBER 15, 2021	Receive Contractor Bids.
JANUARY 4, 2022	Accept Bids and Award Contract.
MARCH 21, 2022	Conduct Pre-construction meeting and issue Notice to Proceed.
SEPTEMBER 30, 2022	Substantial Completion (watermain operational).
OCTOBER 28, 2022	Final Completion (punch list and final paperwork).



## **SECTION 0100 – ADVERTISEMENT FOR BIDS**

### **WATER TOWER NO. 3 TRUNK WATER MAIN EXTENSION PROJECT NO. 2021.125**

#### **FOR THE CITY OF LAKE ELMO WASHINGTON COUNTY, MINNESOTA**

Notice is hereby given that bids will be received online through QuestCDN.com until **Wednesday, December 15, 2021 at 1:00 p.m.**, via [QuestCDN](#) for furnishing all work and materials for the construction, complete in place, of the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements Project, consisting of the major work items in the following approximate quantities:

EST. QTY	UNIT	ITEM
494	SY	REMOVE BITUMINOUS PAVEMENT
70	LF	SALVAGE AND INSTALL GUARD RAIL
110	TON	TYPE SP 12.5 WEARING COURSE MIX (3,C)
1970	LF	16" HDPE WATER MAIN (HDD)
290	LF	WATER MAIN (6"-12" DIP)
3	EACH	HYDRANT
3	EACH	6" GATE VALVE & BOX
2	EACH	8" GATE VALVE & BOX
1	EACH	10" GATE VALVE & BOX
5	EACH	16" BUTTERFLY VALVE & BOX
1250	SY	SEEDING (SEED MIX TYPE 25-141) W/ EROSION CONTROL BLANKET CAT 3N

The bid opening will be conducted via TeamsMeeting, at which time they will be publicly opened and read aloud:  
Bid Opening – WATER TOWER NO. 3 TRUNK WATER MAIN EXTENSION, PROJECT NO. 2021.125

**Please join my meeting from your computer, tablet or smartphone.**

<https://bit.ly/3EON484>

#### **Or call in (audio only)**

[+1 872-242-7640](tel:+18722427640),461697410# United States, Chicago

Phone Conference ID: 461 697 410#

Any person monitoring the meeting remotely may be responsible for any documented costs. Message and data rates may apply.

Bids must be submitted electronically through QuestCDN no later than the date and time noted above, on the Proposal Forms provided in accordance with the Contract Documents, Plans and Specifications as prepared by Short Elliott Hendrickson Inc. (SEH®), [www.sehinc.com](http://www.sehinc.com), which are on file for inspection in the office of the City Clerk and City Engineer. For this project, the City will only be accepting online electronic bids through QuestCDN. To access the electronic bid form, download the project document and click the bidding button at the top of the advertisement.

Complete digital Proposal Forms, Plans, and Specifications for use by Contractors submitting a bid are available at [www.QuestCDN.com](http://www.QuestCDN.com). Digital plan documents may be downloaded for a non-refundable fee of \$30.00 by inputting Quest Project No. 8069413 on the website's Project search page. Please contact QuestCDN at (952) 233-1632 or [info@QuestCDN.com](mailto:info@QuestCDN.com) for assistance in free membership registration, downloading, and working with this digital project information.

For this project, bids will **ONLY** be received electronically. Contractors submitting an electronic bid will be charged an additional \$30 at the time of bid submission via the online electronic bid service QuestCDN.com. To access the



electronic Bid Worksheet, download the project document and click the online bidding button at the top of the advertisement. Prospective bidders must be on the plan holders list through Quest CDN for bids to be accepted. Bids shall be completed according to the Bidding Requirements prepared by SEH dated November 16, 2021

Bid bond in an amount not less than five percent (5%) of the total bid as a guarantee that the bidder, if successful, will enter into a contract with the City to perform the work described in the proposal. This deposit will be subject to forfeiture as provided by law. The deposits for the three lowest bidders will be retained by the City until the contract has been awarded and executed but not longer than sixty (60) days. No bid may be withdrawn for a period of sixty (60) days following the bid opening.

The City reserves the right to reject any or all bids, to waive informalities or to award the contract to the lowest responsible bidder, in the best interest of the City. For Bids exceeding \$50,000, the Bidder shall submit to the City a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in Minnesota Statutes, section 16C.285, subdivision 3 on the Responsible Contractor Verification Form included with the Bid Proposal.

Dated: November 16, 2021

Julie Johnson, City Clerk  
City of Lake Elmo

**PUBLISHED:** QuestCDN.com: November 19  
Stillwater Gazette: November 19, November 26, and December 3.