

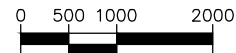



SOURCE: USGS NOWTHEN 7.5 MIN. QUADRANGLE

KEY

-  DENOTES ENTIRE WM ROUTE TO SITE
-  DENOTES WATER CROSSING LOCATION



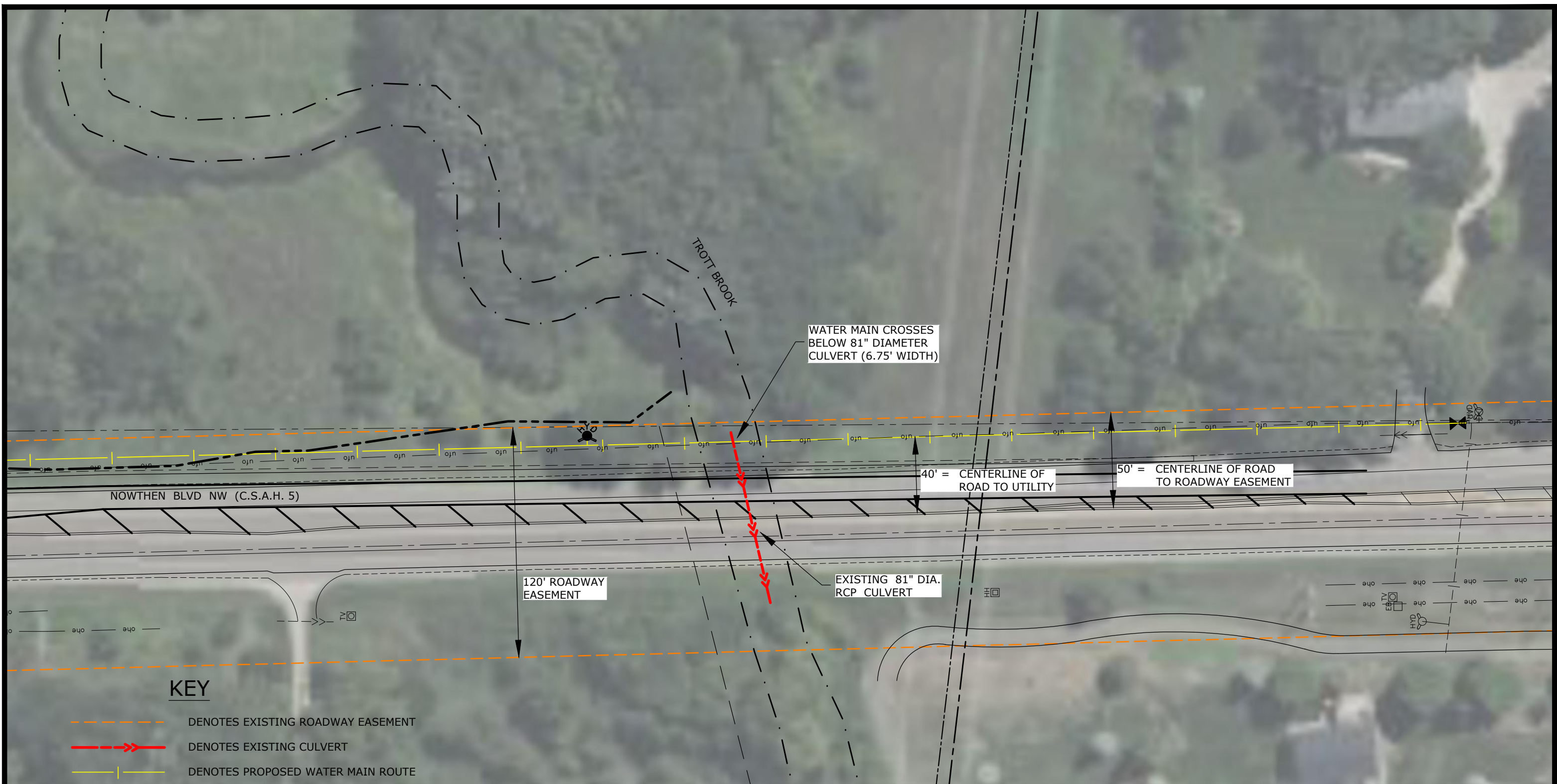
NOTE: CROSSING #1 IS THE ONLY WATER CROSSING FOR THE ENTIRE PROJECT



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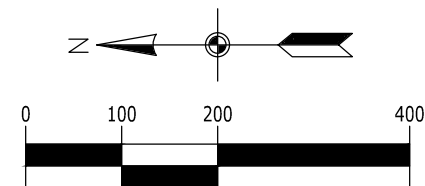
TROTT BROOK CROSSING
Ramsey, MN

FIGURE 1
DNR WATER CROSSING
FULL ROUTE MAP



KEY

- DENOTES EXISTING ROADWAY EASEMENT
- DENOTES EXISTING CULVERT
- DENOTES PROPOSED WATER MAIN ROUTE



CROSSING #1

NOTE: CROSSING #1 IS THE ONLY WATER CROSSING FOR THE ENTIRE PROJECT

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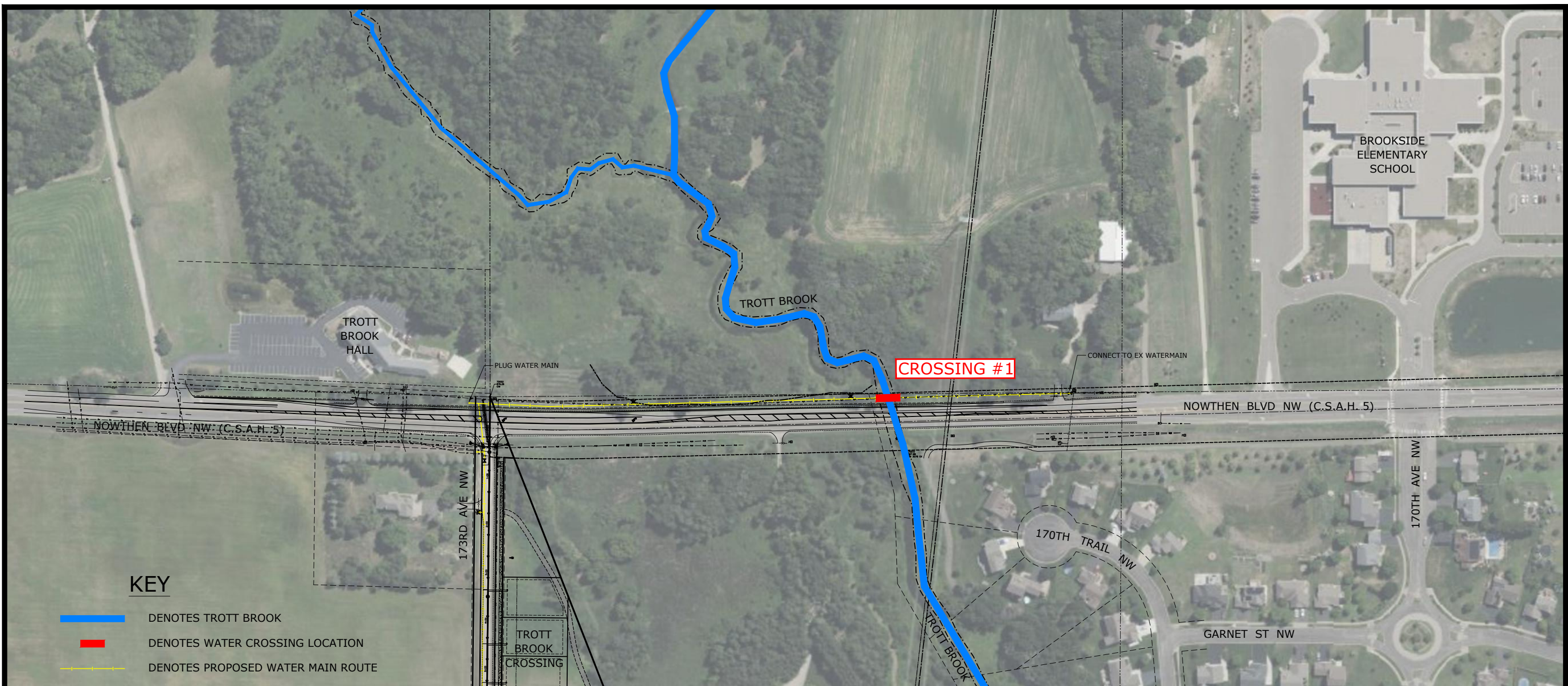
3890 PHEASANT RIDGE DR NE
 SUITE 100
 BLAINE, MN 55449
 TEL 763.489.7900
 FAX 763.489.7959
 CARLSON-ENGINEERING.COM

NOTES:

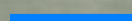


CITY OF RAMSEY
 7550 Sunwood Drive NW
 Ramsey, MN 55303

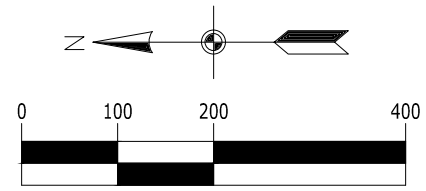
TROT BROOK CROSSING
 Ramsey, Minnesota

FIGURE 3
DNR WATER CROSSING
ZOOMED-IN VIEW MAP



KEY

-  DENOTES TROTT BROOK
-  DENOTES WATER CROSSING LOCATION
-  DENOTES PROPOSED WATER MAIN ROUTE



NOTE: CROSSING #1 IS THE ONLY WATER CROSSING FOR THE ENTIRE PROJECT

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TROTT BROOK CROSSING
 Ramsey, Minnesota

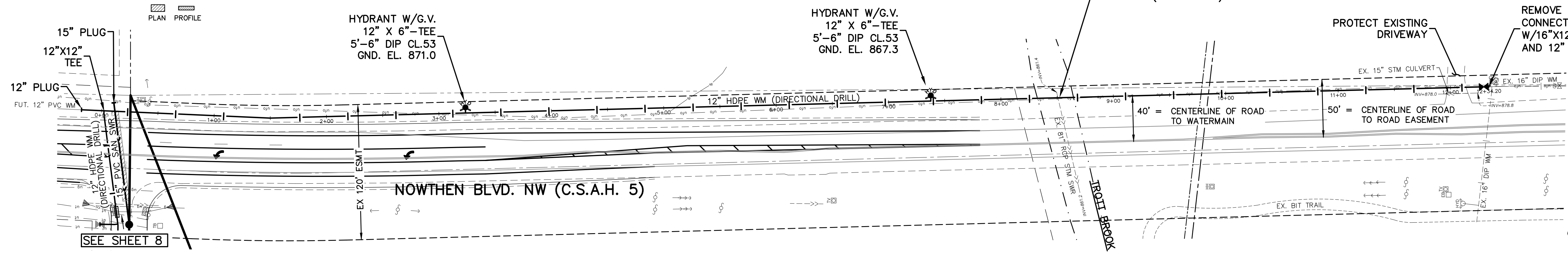
FIGURE 2
DNR WATER CROSSING
CLOSER VIEW MAP

LEGEND

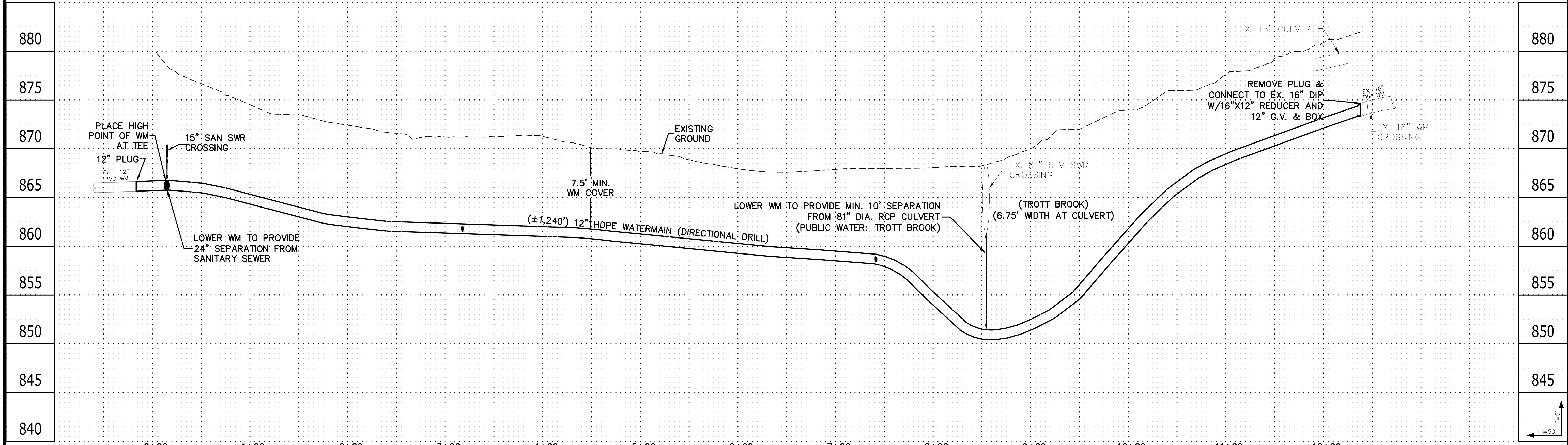
	EXISTING	PROPOSED
SANITARY MANHOLE		
FIRE HYDRANT		
GATE VALVE		
CATCH BASIN		
FLARED END SECTION		
STORM MANHOLE		
SERVICE		
WATERMAIN		
SANITARY SEWER		
FORCEMAIN		
STORM SEWER		
PROPERTY LINE		
SETBACK LINE		
CURB		
CONCRETE SURFACE		
INSULATION		

GENERAL NOTES:

- SANITARY SEWER SERVICES SHALL BE 4" PVC SDR 26 UNLESS OTHERWISE NOTED.
- WATER SERVICES SHALL BE 1" DIA. HDPE WITH 7.5' MINIMUM COVER.
- SANITARY SEWER SERVICE WYES (OR APPROVED DIP TEES) ARE STATIONED FROM THE DOWN STREAM MANHOLE.
- SANITARY SEWER INVERTS ARE SHOWN AT THE CURB STOP.
- SANITARY SEWER & WATER SERVICES SHALL BE CONSTRUCTED TO THE R/W WHERE THERE IS NO SIDEWALK, AND 10' BEYOND THE R/W WHERE THERE IS SIDEWALK.
- SLEEVES ARE NOT PERMITTED FOR JOINING WATERMAIN. ALLOW ROOM TO DEFLECT PIPE TO JOIN PIPE AT BELLS OR FITTINGS (EXCLUDING SLEEVES).



BENCHMARKS	
1. Anoka County Benchmark No. 3077 - Elevation 901.84 ft. (NAVD88)	
2. Anoka County Benchmark No. 3078 - Elevation 867.97 ft. (NAVD88)	



<p>CARLSON ENGINEERING ENGINEERING SURVEYING PLANNING</p>	<p>3890 PHEASANT RIDGE DR NE SUITE 100 BLAINE, MN 55449 TEL 763.489.7900 FAX 763.489.7959 CARLSON-ENGINEERING.COM</p>	<p>I hereby certify that this plan, specification or report 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</p>	<p>Print Name: Brian J. Krystofiak, P.E. Signature: <i>Brian J. Krystofiak</i> Date: 4/28/25 License #: 25063</p>	<p>Drawn: NJP Designed: BJK Date: 4/28/25</p>	<p>Revisions: 1. 6/6/25 per City Comments 2. 6/24/25 per City Comments 3. 8/2/25 per DNR Comments 4. 8/4/25 per DNR Comments 5. 10/29/25 per DNR Comments</p>	<p>TWIN CITIES LAND DEVELOPMENT 4800 Olson Memorial Highway, Suite 100 Golden Valley, Minnesota 55422</p>	<p>TROTT BROOK CROSSING 3RD ADDITION Ramsey, Minnesota</p>	<p>SANITARY SEWER & WATER MAIN</p>	<p>9 of 27</p>
			<p>Save Date: 10/29/25 F:\p08\9461 - 9480\9461 - trot brook\cad\c3d\engineering\final\plans\utility\3rd addition\9461_sanitary.dwg</p>						