

Meeting Agenda

Date: December 2, 2025

Meeting Title: Berlin, CT - Inland Wetlands and Watercourses Commission (IWWC) Meeting

Cromwell Fire District, Water Division (District) – Emergency Interconnections Project

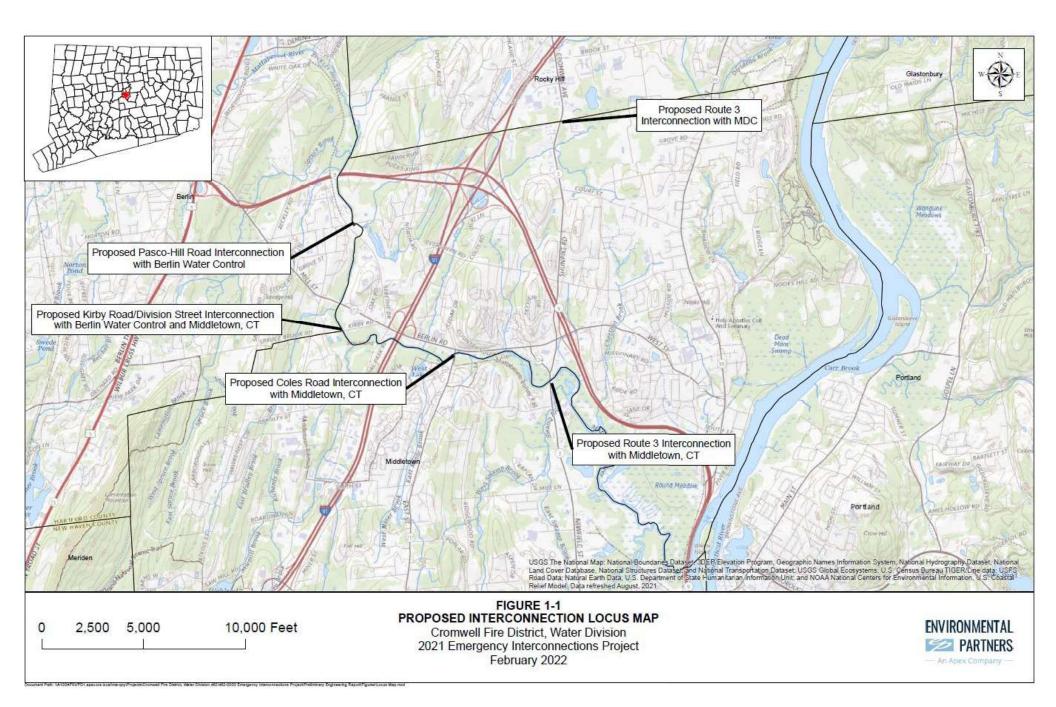
Topics:

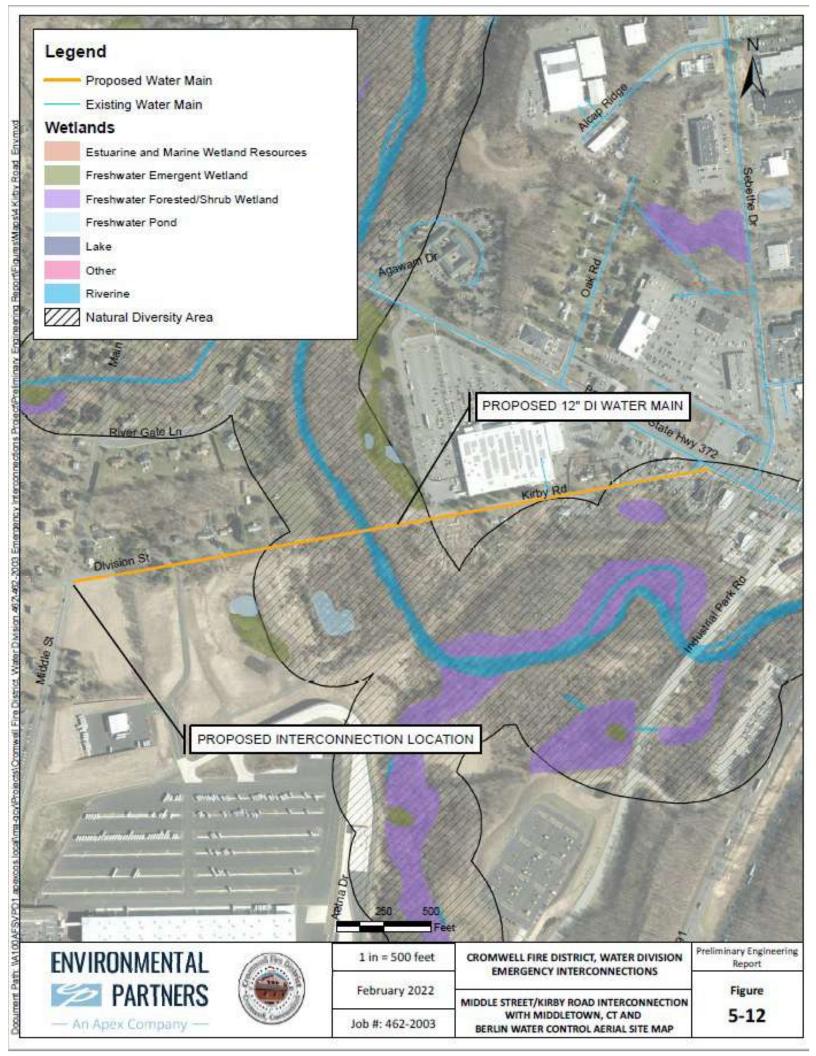
Project Need and Description

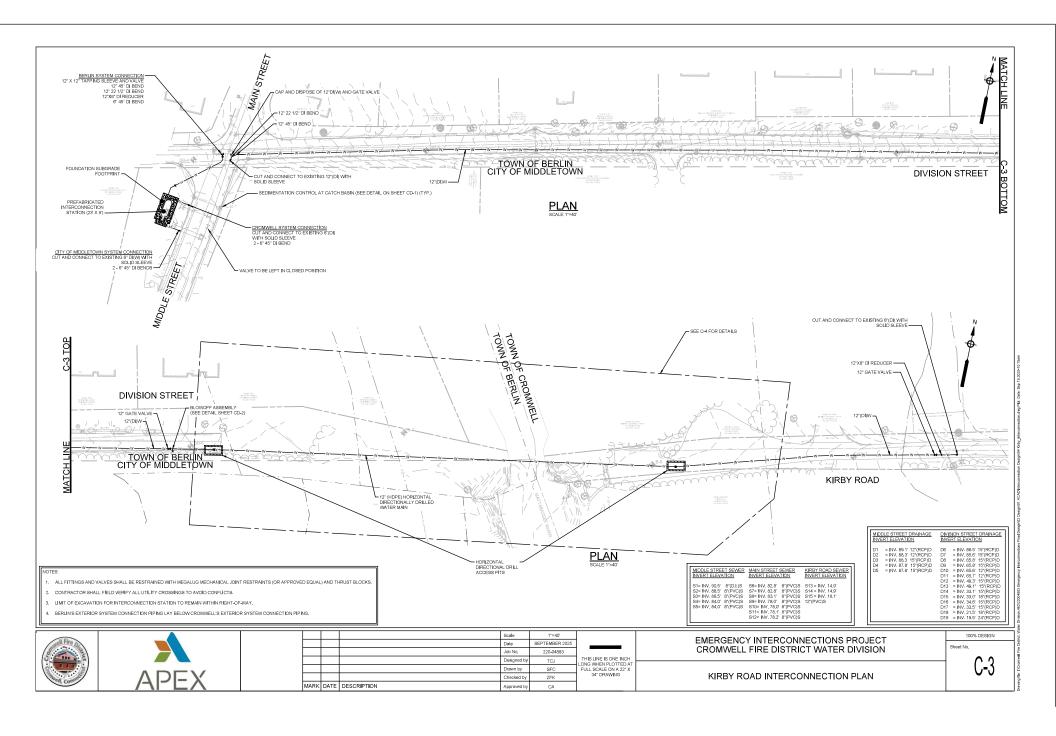
o District's goal is to provide an emergency potable water supply source.

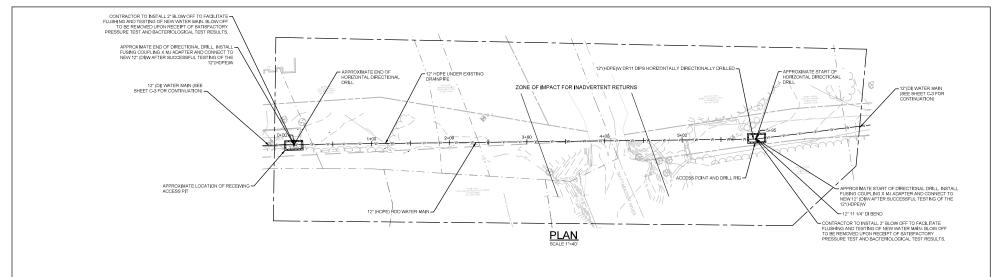
- Lack of water supply redundancy
- o Risks potential loss of water supply if Gardiner Wellfield supply is compromised or inoperable.
- District must take Shunpike Road Reservoir (only storage facility) offline for rehabilitation and repairs.
- Project has been approved for Drinking Water State Revolving Funds (DWSRF) by the Connecticut Department of Public Health (CTDPH)
- District selected three sites for Emergency Interconnections as discussed in the Preliminary Engineering Report (PER) (See Figure 1-1)
 - Hartford MDC Interconnection at Shunpike Road-Route 3 (Alternative No. 1)
 - Coles Road Interconnection with the City of Middletown (Alternative No. 3)
 - Kirby Road-Division Street Interconnection with Middletown and Berlin Water Control (Alternative No. 4) (See Figure 5-12)
- Alternative 4 (Kirby Road-Division Street interconnection) is under review by the Berlin IWWA now.
 - Interconnection Station at Middle Street and Main Street in Berlin (Figure/Sheet C-3).
 - o Directional Drill operation under Mattabesset River (Figure/Sheet C-4)
 - Significantly reduces/eliminates impacts to wetland resource.
 - o Provides redundant water supply source to East Berlin from either Cromwell or Middletown.
 - Assists the Berlin Water Control with another emergency interconnection with Cromwell.
- Project Bid Phase Schedule (TBD pending final permitting and CTDPH design review approval)

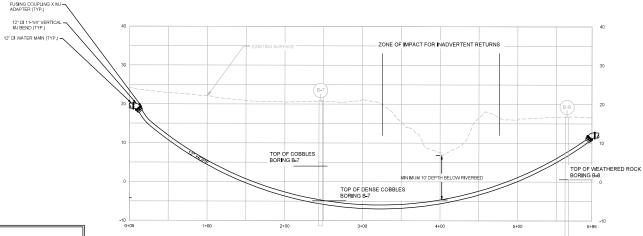
General Discussion/Questions











NOTES

- ALL FITTINGS AND VALVES SHALL BE RESTRAINED WITH MEGALUG JOINT RESTRAINTS (OR APPROVED EQUAL) AND THRUST BLOCKS.
- EXISTING VALVES, HYDRANTS, AND BLOW OFFS ON ABANDONED WATER MAINS SHALL BE DECOMMISSIONED AND THE GATE BOX SHALL BE REMOVED.
- CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS AND CULVERTS TO AVOID CONFLICTS. DRAIN LINES AND SEWER LATERALS SHOWN ON THESE PLANS ARE APPROXIMATE.
- THE BASIS OF BEARING FOR ALL SURVEYS IS AN APPROXIMATED NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVO 1989) AND THE HORIZONTAL DATUM USED IS THE CONNECTICUT STATE PLANE COORDINATE SYSTEM (NAD 83).

APPROXIMATE DIRECTIONAL DRILLING PROFILE

ORIZONTAL SCALE: 1"=40"





			Scale	HOIVOILLO	1
			Date	SEPTEMBER 2025	THIS LINE IS ONE INC LONG WHEN PLOTTED FULL SCALE ON A 22' 34' DRAWING
			Job No.	220-04883	
			Designed by	TCJ	
			Drawn by	SFC	
			Checked by	ZFK	
MARK	DATE	DESCRIPTION	Approved by	CA	

EMERGENCY INTERCONNECTIONS PROJECT	
CROMWELL FIRE DISTRICT WATER DIVISION	

KIRBY ROAD HORIZONTAL DRILLING PLAN

100% DESIGN	
Sheet No.	

