

March 30, 2022

**REQUEST FOR PROPOSAL
TOWN OF SOUTHURY, CONNECTICUT**

**Request for Proposal RFP 2022-001
Old Field Rd Culvert Installation**

ADDENDUM NO. 1

1. The Bid date is confirmed as Wednesday April 13, 2022 at 11:00 AM.
2. Water flow calculations prepared by Stuart Somers Co. are attached for the bidders information.
3. Water Main as built drawing is attached.
4. A copy of the pre bid meeting sign in sheet is attached.
5. Bidders intending on an alternate plan for dewatering shall indicate as such on the proposal form in the section noted as "Exceptions".
6. The swale in front of 424 Old Field Rd shall not be filled in.

Summary for Pond 5P: by pass pipe

[57] Hint: Peaked at 185.66' (Flood elevation advised)

Inflow Area = 2,078.000 ac, 9.96% Impervious, Inflow Depth > 0.10" for 2"STORM event
 Inflow = 15.95 cfs @ 20.00 hrs, Volume= 17.502 af, Incl. 10.00 cfs Base Flow
 Outflow = 15.95 cfs @ 20.00 hrs, Volume= 17.502 af, Atten= 0%, Lag= 0.0 min
 Primary = 15.95 cfs @ 20.00 hrs, Volume= 17.502 af

Routing by Stor-Ind method, Time Span= 1.00-20.00 hrs, dt= 0.05 hrs

Peak Elev= 185.66' @ 20.00 hrs

Device	Routing	Invert	Outlet Devices
#1	Primary	183.50'	18.0" Round Culvert X 2.00 L= 40.0' CPP, projecting, no headwall, Ke= 0.900 Outlet Invert= 182.50' S= 0.0250 '/' Cc= 0.900 n= 0.015

Primary OutFlow Max=15.95 cfs @ 20.00 hrs HW=185.66' (Free Discharge)

↑1=Culvert (Inlet Controls 15.95 cfs @ 4.51 fps)

PRE BID SIGN IN SHEET

PROJECT	OLD FIELD CUCKOOS INSTAKE
DATE	3/29/22
LOCATION	ROOM 201 TOWN HALL

[illegible]