

# Dolph Rotfeld Engineering

An  Engineers Company

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TO: Christopher Bradbury, Administrator, Village of Rye Brook,  
Gary J. Zuckerman, Supervisor, Town of Rye,  
Debbie Reisner, Administrator, Town of Rye

FROM: Anthony Oliveri, P.E.

**SUBJECT: East Branch Blind Brook Flood Study  
Avon Circle, Port Chester Middle School and Bowman Avenue**

DATE: November 5, 2020

With regard to the above mentioned project, this office has reviewed the substitution of a natural grass or sod field as restoration for the Port Chester Middle School fields in lieu of an artificial turf field as was included in the analysis of the recommended plan.

Attached, please find an amended cost estimate reflecting this change as well as a revised plan noting topsoil and sod for field restoration.

Please note that this change results in a cost savings of approximately \$318,417.00 from the artificial turf field option.

Please call should you have any questions.

Thank You





Dolph Rotfeld Engineering Division  
570 Taxter Road, Elmsford, N.Y., (914) 631-8600

## PRELIMINARY COST ESTIMATE WORK SHEET

<b>PROJECT:</b>		<b>East Branch Blind Brook Flood Mitigation Study</b>			
<b>LOCATION</b>		<b>Avon Circle, Port Chester Middle School</b>			
<b>OWNER:</b>		<b>Village of Rye Brook, NY</b>			
Estimated by:		OS	Date:	November 5, 2020	
Checked by:		AO	Approved by:		
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	Control Structure 1 (cast in place concrete)	410	C.Y.	\$400	\$164,000
2	Control Structure 2 ( pre cast concrete)	1	EA.	\$14,000	\$14,000
3	Precast Concrete Head Wall	3	EA.	\$4,000	\$12,000
4	Pre-cast Concrete Culvert (6'x6')- Avon Bypass	1080	L.F.	\$600	\$648,000
5	Pre-cast Concrete Culvert (6'x6')- Westch. Ave.	120	L.F.	\$2,000	\$240,000
6	Pre-cast Concrete Culvert (4'x5')- Westch. Ave.	112	L.F.	\$1,300	\$145,600
7	Junction / Manholes	6	EA.	\$10,000	\$60,000
8	Underground Detention (Stormtank)	607,000	CF	\$3	\$1,887,770
9	Crushed / Washed stone	15,000	C.Y.	\$35.00	\$525,000
10	Overflow Structure (pre cast concrete)	1	EA.	\$11,000.00	\$11,000
11	Earthwork - excavate and remove	11,000	C.Y.	\$25	\$275,000
12	Earthwork - borrow fill	3,700	C.Y.	\$50	\$185,000
13	Field Underdrain	1	L.S.	\$50,000	\$50,000
14	Soccer Field Restoration (top soil/sod)	240000	S.F.	\$3	\$720,000
15	Baseball Diamond Equipment	1	L.S.	\$50,000	\$50,000
16	Distribution Channel (10'x5') Precast Concr.	1800	L.F.	\$280	\$504,000
17	Distribution Channel Installation	1800	L.F.	\$150	\$270,000
				Sub-total	\$5,761,370
				10% Contingency	\$576,137
				Total	\$6,337,507

