

# CSO Backwater Valve Project

<b>ENGINEER'S ESTIMATE</b>	<b>J &amp; J Schlaegel, Inc.</b> 518 Miami Street Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046	<b>Sunesis Construction Co.</b> 2610 Crescentville Rd. West Chester, Oh 45069 Phone (513) 326-6000 Fax (513) 326-6001
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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
201	Clearing and Grubbing, As Per Plan	1	LS	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$2,883.00	\$2,883.00		
*202	Structure Removed	2	EA	\$7,500.00	\$15,000.00	\$3,500.00	\$7,000.00	\$2,130.00	\$4,260.00		
*202	Portions of Structure Removed, As Per Plan	1	LS	\$17,500.00	\$17,500.00	\$3,500.00	\$3,500.00	\$3,040.00	\$3,040.00		
*503	Unclassified Excavation, As Per Plan	1	LS	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	\$8,661.00	\$8,661.00		
*503	Cofferdams and Excavation Bracing	1	LS	\$4,750.00	\$4,750.00	\$4,500.00	\$4,500.00	\$50,502.00	\$50,502.00		
*509	Epoxy Coated Reinforcing Steel, As Per Plan	5,140	POUND	\$1.95	\$10,023.00	\$1.50	\$7,710.00	\$1.80	\$9,252.00		
*511	Class QC1 Concrete	45	CY	\$900.00	\$40,500.00	\$775.00	\$34,875.00	\$768.85	\$34,598.25		
*511	Concrete, Misc: Junction Chamber	3	CY	\$1,250.00	\$3,750.00	\$1,050.00	\$3,150.00	\$992.30	\$2,976.90		
*512	Sealing of Concrete Surfaces	70	SY	\$35.00	\$2,450.00	\$22.00	\$1,540.00	\$64.00	\$4,480.00		
*518	Porous Backfill with Geotextile Fabric, As Per Plan	9	CY	\$85.00	\$765.00	\$125.00	\$1,125.00	\$290.70	\$2,616.30		
*519	Patching Concrete Structure, As Per Plan	50	SF	\$160.00	\$8,000.00	\$100.00	\$5,000.00	\$113.25	\$5,662.50		
*601	Rock Channel Protection,	42	CY	\$90.00	\$3,780.00	\$65.00	\$2,730.00	\$105.70	\$4,439.40		
*613	<b>Low Strength Mortar Backfill, As Per Plan</b>	<b>6</b>	<b>CY</b>	\$175.00	\$1,050.00	\$95.00	\$570.00	<b>\$207.50</b>	<b>\$1,623.00</b>		
*653	Topsoil Furnished and Placed	50	CY	\$55.00	\$2,750.00	\$50.00	\$2,500.00	\$82.50	\$4,125.00		
*659	Seeding and Mulching	600	SY	\$5.00	\$3,000.00	\$2.50	\$1,500.00	\$5.00	\$3,000.00		
*671	Erosion Control Mat, Type C	75	SY	\$8.00	\$600.00	\$3.50	\$262.50	\$2.10	\$157.50		
803	24" Conduit, Type B	20	FT	\$150.00	\$3,000.00	\$150.00	\$3,000.00	\$157.20	\$3,144.00		
803	42" Conduit, Type B	5	FT	\$450.00	\$2,250.00	\$350.00	\$1,750.00	\$338.40	\$1,692.00		
*832	Storm Water Pollution Prevention Plan	1	LS	\$5,000.00	\$5,000.00	\$650.00	\$650.00	\$3,110.00	\$3,110.00		
*832	Erosion Control	1,000	EA	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00		
1001	Premium for Owners Protective Insurance	1	LS	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$13,400.00	\$13,400.00		
1002	Premium for Contract Performance and	1	LS	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00		
SPEC	Railroad Right of Entry Permit	1	LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00		
SPEC	Exterior Duckbill Check Valve for 24" Pipe,	1	EA	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$9,500.00	\$9,500.00		
SPEC	Exterior Duckbill Check Valve for 24" Pipe,	2	EA	\$20,000.00	\$40,000.00	\$11,000.00	\$22,000.00	\$12,550.00	\$25,100.00		
SPEC	Exterior Duckbill Check Valve for 42" Pipe,	1	EA	\$35,000.00	\$35,000.00	\$24,000.00	\$24,000.00	\$27,450.00	\$27,450.00		
<b>GRAND TOTAL</b>					<b>\$241,168.00</b>		<b>\$147,362.50</b>		<b>\$230,472.85</b>		<b>\$0.00</b>
								<b>Read as</b>			
								<b>\$230,472.85</b>			
<i>Correction</i>											
*613	Low Strength Mortar Backfill, As Per Plan	6	CY					\$207.50	\$1,245.00		
<b>Correct Grand Total</b>								<b>\$230,094.85</b>			