

CITY OF OMAHA PUBLIC WORKS DEPARTMENT
OPW 52049 (CSO)
SADDLE CREEK RETENTION TREATMENT BASIN
TUESDAY, AUGUST 21, 2018



Saddle Creek RTB - Approximate List of Work Quantities

Item	Qty Unit	Item	Qty Unit
Cast-in-place Concrete	26,000 CY	Excavation	97,000 CY
Precast Concrete	26,000 SF	Earth Retention System	43,000 SF
Precast Stair	2 EA	Rock Anchors	54 EA
EC&VS - Precast concrete pipe gallery 4'x7'	140 LF	H Pile	77,000 VLF
Precast structure to support bridge crane	180 LF	Backfill	66,000 CY
CMU Block		Concrete Paving	
CMU block, interior walls	1,900 SF	9" Concrete Pavement - Type L65	4,600 SY
Burnished CMU	4,900 SF	5" Concrete Pavement	4,500 SF
Structural steel	144,000 LB	Fencing	
FRP Stairs	289 RISERS	Construct 72" Chain Link Fence	2,200 LF
Plumbing & Plumbing Equipment		Silt Fence	3,500 LF
Domestic Water (1/2" - 4")	2,005 LF	Topsoil Placement	19,000 SY
Sanitary (1" - 8")	1,585 LF	Concrete Channel Liner	810 SY
Flushing Water (6" - 8")	850 LF	Slope Protection	3,100 SY
Hydraulic Plastic Tubing (1/2" - 1")	2,210 LF	Channel Bed Protection	1,600 TON
Natural Gas (1/2" - 4")	445 LF	SAFL Baffle	2 EA
Sample Piping (1/2" - 2")	945 LF	Storm Sewer	
Roof Conductor (3" - 8")	1,100 LF	Construct 12" HDPE Storm Pipe and Bedding	630 LF
Service Water (1/4" - 6")	2,030 LF	Water line	
Water Cannons	4 EA	Construct 3-inch PVC Site Water	640 LF
Supply/Exhaust Fans (9,000 CFM - 43,000 CFM)	7 EA	Construct 8" D.I. Res. Joint Fire Water	440 LF
Water Heaters (Including Tankless)	6 EA	Sanitary Sewer	
Small Pumps (Chemical, Sump, Etc.)	15 EA	Construct 6" D.I. San Sewer Pipe	40 LF
HVAC/Chemical Delivery		Construct 8" VCP San Sewer Pipe	290 LF
Rectangular Ductwork	625 LF	Construct 60" D.I. San Sewer Pipe	710 LF
Odor Control Ductwork (12" - 84")	225 LF		
Chemical Delivery & Conveyance (1/2" - 8")	6,335 LF		
Power Distribution			
Motor Control Center	3 EA		
50 kW Natural Gas Generator	1 EA		
Lighting Panels	3 EA		
Disconnect Switches	68 EA		
Conduit/Wiring & Ancillary Equipment			
Control Panels	24 EA		
Conduit	5,000 LF		
Wire	10,000 LF		

Work Quantities listed on this table are approximate and not comprehensive of all work included in the project. This document is for information only and is not intended to be included as a contract document. Contractor shall be responsible for performing their own quantity take-offs.