# STRUCTURE ESTIMATED QUANTITIES

# MECHANICALLY STABILIZED EARTH WALL 4W20 RAMP C5 ADJACENT TO SUBSTATION

FRA-70/71-12.68/14.86 PID No. 105523

Franklin County, Ohio

**Prepared For:** 

The Ohio Department of Transportation District 6



1801 Watermark Drive, Suite 210 Columbus, Ohio 43215 (614) 210-0751 <u>www.gpdgroup.com</u>

May 31, 2019



Job M SE WALL 4W20   Job Sheet No.   GPD GROUP® Calculated by   Glaus, Pyle, Schomer, Burns & Detlaven, Inc. Checked by	- 19
CPD CPOLIP Calculated by <u>Mos</u> Date <u>1-31</u>	- 19
GPD GROUP Calculated by TJW Date 1-31-	
Church Bulla Schemer Ruma & Dationan Jac	
ESTIMATED QUANTITIES	
TEM 203 - ROADWAY, MISC : CONTROLLED MODULUS COLUMNS	
ExT. 98/00	
(4531SF CADD AREA) 19 = 504 54	
TEM 423 - CRACH SEALING, MISC .: HMWM RESIN SEALING AT MOME	ALT CIL
TAT, 95100	JUN SLA
(18.4' + 42.7' + 182.3') (2') 19 = 55 SY INCLUDED WIT	H CONC.
SLEEPER SLAB	ITEM
TEM 509 - EPOXY COATED REINFORLING STEEL	
xT. 10000	
20,943 LBS	*
TEM STI- CLASS QCZ CONCRETE, MISC. : PARAPET INCLUDING SLEEPER S	LAB
T SJOIZ WITH QC/QA	
(14.41 SF, SECTION AREA) (18.4' + 42.7' + 182.4')/27 = 130 CY	
	=
	1
TEM SIZ - SCALING OF CONCRETE SURFACES (EPOXY-ORETHANE)	
(7, 10100	
VALL FACE = 3,339.6 SF (CADD AREA) = 3,339.6 SF $WALL$ TOP = (0.83') (288.5 <sup>t</sup> CADD LENGTH) = 239.5 SF	
WALL TOP = $(0.83')(288.5' CADD LENGTH) = 239.5 SF$ PARAPET = $(8.0' PERIMETER)(18.4' + 42.6' + 182.2') = 1.945.6 SF$	
TAKAPET - (5,0 FERIMETER) (18, 1 + 42, 6 + 182, 2) - 1, 113, 6 31 5, 524, 7 SF	
5,524.7 SF / q = 614 SY	



														· ·	м	SE	[4	AL	/	40	120	2					
									. •								E WALL Z										
	GPD GROUP										Calculated by _																
GPD GROUP® Glaus, Pyle, Schomer, Burns & DeHaven, Inc.														TJW													
				<u>.</u>																		· ·					
Γτε	M	516		<u>z''</u>	<u> </u>	REFC	RM	EΔ	Ē	хP.	ANS	JOL	1	50:	INT	F	ĪЦ	ER									
×T,		3900																		 							
			1																					· · ]			
		(z`)	)(	42,	6	+1	59.6	<u>}</u>	=		40	>5	S	<u> </u>							,		· 				
																									İ		ļ
<u> 7</u>	EM	840	0 -	M	EL.	NAN	IL.	ALLY	<u> </u>	5TAi	IL:	[2]	<u>ED</u>	Ē,	ARTI	4. L	м	L	<u>A5</u>	PE	R	PL)	IN				
<u>x†</u>	. 2	0001											-														
													<b> </b>														
				4,4	18	e .	SF	<u>_</u>	(	CAR	50	AI	REA	)													
I Te	m	84	0-		WA	46	Ex	CA	VAT	120	N		-														
Ex	т,	21000	<u> </u>																				 				
													_				*** ·····						ļ ļ				
		(428	3.8	SF	> (	10)	. =	4	,28	38	CF	H				3	3,7	54 (	F/	27	=	12	51	C	<u>}</u>		
	(	(84	3.8	3 SF	$\mathcal{D}($	91)	-	7	50	14	CF	<u>k</u>		-	<u> </u>												
		(745	T. 0	sF	) (	ッシ	=	5	21	5	Cŕ	-		ļ		ļ											
		(709	.6	SF	) (	5.5')	• =	3,	90	3	CF	-							 								
	(	771,	4	SF)	) (4	5,5')	=	5	101	ч	CF		-						- N					-			
	(	10 3z.	0	SF)	(7	,5`)	=	7	, 74	0	CF				_												
		<u> </u>						and the second	79	_	CF																
									Í																		
TI	ΞM	84	0		SEL	EC	7	G	RAN	UL	AR	Ĺ	SAC	κF	ILL			1									
		3000												+													
																							ļ	ļ			
		(357	1			1	1		1	,31						5	5,14	вc	F/	27	=	2	01	43	CY		
		(733,	0	SE	) (	15,5	')	=	<sup>1</sup> H	36	2	CF															
		(633	:6	SF	) (	13,B	)	=	8	74	4	CF									ļ						
		(591	3. Z	Sr	) (	12,8				i						 											
		(65	9,9	SF	)	(14,9	;')	=	9	56	9	CF	-														
		(88	9,1	Sr	) (	15,	)	=	13	4z	5	c۶											<u> </u>				
						]				149	1									ŀ							
						1			( )		1					1				1			1				1



EXT. 23050

EXT, 25020

## aus, Pyle, Schomer, Burns & DeHaven. Inc

ITEM 840- NATURAL SOIL

GPD GROUP® Glaus, Pyle, Schomer, Burns & DeHaven, Inc.									C	alcula	ted by	·	3 MOJ TJW					of <u>3</u> Date <u>1-31-19</u> Date <u>1-31-19</u>						
M	8	10 -		IAT	URA	L	50	TL.						-										
23	05û	>							 															
				SGE				AUG		1		1	NT				77		-		2	r v		

### ITEM 840- 6" DRAINAGE PIPE, PERFORATED Ext. 25010

161,1' + 144.0' + 160.1' + 143.0' = 609 FT

## ITEM 840 - 6" DRAINAGE PIPE NON-PERFORATED

13,5' + 24,9' = 39 FT

### ITEM 840- CONCRETE COPING

EXT, 26000

#### 289 FT

## ITEM 840- ON-SITE ASSISTANCE EXT. 27000

### 5 DAYS

ITEM 840 - SGB INSPECTION AND COMPACTION TESTING EXT. 28000 LUMP SUM