BRIDGE NO.: BUT-04-2317 SUBJECT: Stage 2 Estima	ated Quantities	SFN: 900397	IPUTATION SHEET PREPARED BY: CHECKED BY:	SJADate:9/12/21MABDate:9/12/21XAC3/1/22
Item 203: POTIONS OF STRU	CTURE REMOVED OVER	20 FOOT SPAN, AS PER PLA	Ν	
Existing Pier Cap 50	) CY x \$500 = \$25,000			Total 1LS
Item Special 53000200 STRU	CTURES, MISC.: TEMPOR	ARY CONSTRUCTIN SITE AC	CCESS	
Cost to Build Causeway 7 - 63"x98" Pipes (611E53501) Granular Fill	No. Length 7 165	Vol. (CY) 11990 \$25 \$	Cost 202,125 299,750 \$501,875 Use \$500,000	Total 1LS
Item 509: Epoxy Coated Reir	nforcing Steel			
Actual Reinforcing =	Total 4920			Total 4920 LBS
				Total 100 LBS
Item 510: Dowel Holes with	Nonshrink nonmetallic g	rout		
Use 20 for misc. pier patchin	3			Total 20 EA
Item 511: Class QC1 Concret Area (Cadd) Th Left Cap 207.83 Right Cap 206.47	e, Pier Cap iickness Vol. (CY) 3.5 26.94 3.5 26.76 Total = 53.71			Total 54 CY
Here 512 Cooling of Connect				
Item 512: Sealing of Concret				
Item 519 Patching	236 SF	- Item 512: Spe	cial - urethane top coat sealer	36 = 200
Left Cap 207.83   Right Cap 206.47	No. of Faces Area (SF) 2 415.66 2 412.94			
Length W Left Side 11.3 Right Side 11.7	idth Area (SF) 3.5 39.55 3.5 40.95			Total 133 SY

Left Side Right Side	11.7 11.3 Total (	3.5 3.5 SF) =	40.95 39.55 989.6				
Item 512: Concret	e repair by epo	xy injectio	on , as per p	lan			
Pier 3	1	.0 FT					
Pier 5		3 FT					
Pier 6		2 FT					
Pier 7	1	.7 FT					
			ncreased by	F 00/ )			Total 49 Et
101	al (Ft) 4	l8 (in	Icreased by	50%)			Total 48 Ft
Item 512: Special	urethane top	coat sealeı	r				
	Pier 1 South 4 SF						
	1 North		1 SI				
	2 South 2 North		2 SI 1 SI				
	3 South		9.5 SI				
	3 North		3 SI				
	7 South		3.5 SI				
	Total (	SF)		ncreased by 50%)			
	-	-					Total 4 SY
Item 514: SURFAC	E PREPARATIO	N OF EXIST	TING STRUC	TURAL STEEL			
Area of beams			573.12	SF	554.66688		
4x4 End Crossfram	e angles	3	387.0958	SF	315	5	Total 1122 SF
							. <u></u> .
18"x18" Gusset Pla	ates		162	SF	83	1	
Item 514: FIELD PA	AINTING OF EX	ISTING STR	RUCTURAL S	STEEL, PRIME COA	Т		
							Total 1122 SF
Item 514: FIELD PA	AINTING OF EX	ISTING STR	RUCTURALS	STEEL, INTERMED	IATE COAT		
							Total 1122 SF
Item 514: FIELD PA	AINTING OF EX		CUCTURAL S	STEEL, FINISH COP	AT, AS PER PLAN		
							Total 1122 SE
							Total <u>1122</u> SF
Itom 514: CDINDI					TCC1		
Item 514: GRINDI	NO FINO, TEARS	, SLIVEKS	UN EAISTIN	SINUCIUKALS	ILEL		
PROVIDE 1 MINUT	E PER LINEAR E		<b>ΒΕΔΜS ΤΟ Ε</b>	RE COATED			
				DECOATED			Total 2 MNHR
		\_		64			
LENGTH OF BEAM	IU BE PAINTEL	, =		64			
Item 514: FINAL IN	SPECTION REF	AIR					
1 INSPECTION PER	150 FT. OF BE/	AM TO BE C	COATED				
							Total 1 EACH

## 64

Pier 4 = 4	girders x 2 piers x 2 bearing lines			
				Total 16 EA
Itom E16	: Jacking and Temporary Support o	f Superstructure as per plan		
		i Superstructure, as per plan		
Use \$10,0	000			Total 1 LS
				Total 1 LS
ltem 519:	: Special - composite fiber wrap sys	tem		
ame as l	Jrethane top coat sealer			Total 36 SF
ltem 519:	: Patching Concrete Structure, APP			
ltem 519:	: Patching Concrete Structure, APP Pier 1 South	8 SF	Pier 4 South	21 SF
ltem 519:		8 SF 3.3 SF	Pier 4 South Pier 4 North	21 SF 0 SF
ltem 519:	Pier 1 South			
ltem 519:	Pier 1 South Pier 1 North	3.3 SF	Pier 4 North	0 SF
ltem 519:	Pier 1 South Pier 1 North Pier 2 South	3.3 SF 4 SF	Pier 4 North Pier 5 South	0 SF 13.3 SF
ltem 519:	Pier 1 South Pier 1 North Pier 2 South Pier 2 North	3.3 SF 4 SF 12 SF	Pier 4 North Pier 5 South Pier 5 North	0 SF 13.3 SF 8.5 SF
ltem 519:	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South	3.3 SF 4 SF 12 SF 15.5 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North	0 SF 13.3 SF 8.5 SF 23.4 SF
ltem 519:	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF
ltem 519:	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North Field Measured Quantity = Pier 7 South	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF 55.3 SF 14 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF
Item 519:	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North Field Measured Quantity =	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF 55.3 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF
	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North Field Measured Quantity = Pier 7 South Pier 7 North Field Measured Quantity =	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF 55.3 SF 14 SF 4.6 SF 18.6 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF 82.8 SF
	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North Field Measured Quantity = Pier 7 South Pier 7 North	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF 55.3 SF 14 SF 4.6 SF 18.6 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF
Total=	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North Field Measured Quantity = Pier 7 South Pier 7 North Field Measured Quantity = 235.05 SF (increase by 50	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF 55.3 SF 14 SF 4.6 SF 18.6 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF 82.8 SF
Total=	Pier 1 South Pier 1 North Pier 2 South Pier 2 North Pier 3 South Pier 3 North Field Measured Quantity = Pier 7 South Pier 7 North Field Measured Quantity =	3.3 SF 4 SF 12 SF 15.5 SF 12.5 SF 55.3 SF 14 SF 4.6 SF 18.6 SF	Pier 4 North Pier 5 South Pier 5 North Pier 6 North Pier 6 South	0 SF 13.3 SF 8.5 SF 23.4 SF 16.6 SF 82.8 SF

Use \$50,000