

		<u>Page 1/1</u>	Back to Index
	CUY-90-3.65 Quantities		
	cor 70 5.05 Quantities	Calculated:	JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>202E11203</u>	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS F	PER PLAN	<u>LS</u>
	Supplemental Description:		1

			LS
		CEM	1.0
		GEN	1.0
		ABUT	
		PIER	
		SUPER	



		<u>Page 1/1</u>	Back to Index
	CUV 00 2 65 Quantities		
	CUY-90-3.65 Quantities	Calculated:	JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>202E23500</u>	WEARING COURSE REMOVED		<u>SY</u>
	Supplemental Description:		492

						SY
		1 YAZ : C	D 1	1 11 1 .	1 1 1 91 1	
earing Course	e Removed is for deck on	ly. Wearing Course	Removed on appro	ach slabs is to be inc	luded with roadway	items.
		Width	Length	Area	Subtotal	
	Westbound	9.00 ft	23.50 ft	211.5 sq ft	Subtotal	
	Westbound	51.00 ft	22.50 ft	1147.5 sq ft		
	Westbound	37.00 ft	22.50 ft	832.5 sq ft		
	Eastbound	37.00 ft	22.50 ft	832.5 sq ft		
	Eastbound	53.00 ft	22.50 ft	1192.5 sq ft		
	Eastbound	9.00 ft	23.50 ft	211.5 sq ft		
	Lastbound	7.0010	20.00 10	211.0 34 10	492.00 sq yd	
	+			1	1,2,00 34 yu	
					GEN	
	+				ABUT	
					PIER	
					SUPER	492.0
					JUI LIX	774.0



		<u>Page 1/1</u>	Back to Index
	CUY-90-3.65 Quantities		
	Co1-70-5.05 Quantities	Calculated:	JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>509E10000</u>	EPOXY COATED REINFORCING STEEL		<u>LB</u>
	Supplemental Description:		41,126

					LB
Per RWB email	See reinforcing tab	les			
Ter itti bellian	bee removeing tab				
					1
				GEN	
				ABUT	
				PIER	
				SUPER	41,126.0
_				_	



		<u>Page 1/1</u>	Back to Index
	CUY-90-3.65 Quantities		
	Co1-70-5.05 Quantities		JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>511E33414</u>	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE		<u>CY</u>
	Supplemental Description: PARAPET		6

						CY
edian Barrier						
		Short Height	Tall Height	Width	Area	
	Toe Sectio	3.00 in	13.00 in	7.00 in	56.00 sq in	
	Mid Sectio	n 13.00 in	32.00 in	2.00 in	45.00 sq in	
	Tall Sectio	50.00 in	50.00 in	8.00 in	400.00 sq in	
			Total Area	F01 00 ag in		
	$\dashv$	2"	Total Area	501.00 sq in 3.48 sq ft		
	-		,	5.46 SQ II		
		-8"	Length	22.50 ft		
	┥ —		Total Volume	78.28 cu ft		
	<b>⊣</b> †		\	2.90 cu yd		
	٦ , ١		Quantity	2		
	<i>"9-,l</i>		Total	5.80 cu yd		
	1,-					
	_  •					
	<b>⊣</b> †	111				
		111	i			
	<u> </u>	7"				
	<u>"</u> /					
	-  -	1 11	¦			
	<b>⊣</b> ↓	Y /				
	<del>                                     </del>	<del>                                     </del>				
			Ī			
	ĵo e	I/I				
	<u> </u>	_//  0				
		<u> </u>				
	_	1				
		1/				
					GEN	
					ABUT	
					PIER	
		-			SUPER	6.0



Des: Parsons Submittal: Stage 2

511E53014

 Page 1/3
 Back to Index

 Calculated:
 JRE 9/21/2020

 Checked:
 RWB 9/23/2020

 Backchecked:
 JRE 9/23/2020

 Corrected:
 JRE 9/23/2020

 Verified:
 RWB 9/24/2020

 CY

**CLASS QC3 CONCRETE, MISC.:** 

Supplemental Description: WITH QC/QA, BRIDGE DECK, AS PER PLAN

262

			I			
						CY
Normal Deck						
	Width	Length	Depth	Volume	Subtotal	
Westbound	9.00 ft	23.50 ft	1.44 ft	304.0 cu ft		
Westbound	51.00 ft	22.50 ft	1.44 ft	1649.5 cu ft		
Westbound	37.00 ft	22.50 ft	1.44 ft	1196.7 cu ft		
Eastbound	37.00 ft	22.50 ft	1.44 ft	1196.7 cu ft		
Eastbound	53.00 ft	22.50 ft	1.44 ft	1714.2 cu ft		
Eastbound	9.00 ft	23.50 ft	1.44 ft	304.0 cu ft		
					235.8 cu yd	
Additional Thicken	ed Deck Under Mo	edian Barrier				
	Width	Length	Depth	Volume	Subtotal	
Westbount	5.33 ft	22.50 ft	0.75 in	7.5 cu ft	000000	
Eastbound	5.33 ft	22.50 ft	0.75 in	7.5 cu ft		
Buotsouna	0.0010	22.00 10	017 0 111	7.15 Cu 10	0.6 cu yd	
Median Curb						
	Width	Length	Ave Depth	Volume	Subtotal	
Base	3.00 ft	22.50 ft	5.00 in	28.1 cu ft		
Тор	3.00 ft	22.50 ft	1.00 in	5.6 cu ft		
- P					1.3 cu yd	
					,	
Haunch at Abutme	nts					
2 1/2" Constant Dep						
Î	Width	Length	Ave Depth	Volume	Subtotal	
Rear	0.83 ft	196.00 ft	2.50 in	34.0 cu ft		
Forward	0.83 ft	196.00 ft	2.50 in	34.0 cu ft		
					2.5 cu yd	
					GEN	
					ABUT	
					PIER	
					SUPER	262.0



Des: Parsons Submittal: Stage 2

511E53014

 Page 2/3
 Back to Index

 Calculated:
 JRE 9/21/2020

 Checked:
 RWB 9/23/2020

 Backchecked:
 JRE 9/23/2020

 Corrected:
 JRE 9/23/2020

 Verified:
 RWB 9/24/2020

 CY

**CLASS QC3 CONCRETE, MISC.:** 

Supplemental Description: WITH QC/QA, BRIDGE DECK, AS PER PLAN

262

						CY
					1=	
Haunch at Abutme	nta (Cantinuad)					
Variable Depth Por	•					
variable Depth For	1011					
	Sample Calc for Ave	Denth				
		om CUY-90 Elevation	View for Haunch	Thicknesses.ndf		
	Zio y de l'orio danoni in	JIII GOT JO 210 (401011	. 71011 101 114411011	Time.incesses.pui		
		Depth at Left Edge	2.79 in			
		Depth at Right Edge	6.87 in			
		Average Depth	4.83 in			
	Thickness	of Notch in Haunch	2.50 in			
	Thic	kness of Ex. Overlay	6.00 in			
		Average Depth	8.33 in	= 4.83 in - 2.5 in + 6	6 in	
	Width	Length	Ave Depth	Volume	Subtotal	
Rear	1.75 ft	8.00 ft	8.33 in	9.7 cu ft		
Rear	1.75 ft	3.00 ft	10.85 in	4.7 cu ft		
Rear	1.75 ft	16.00 ft	8.69 in	20.3 cu ft		
Rear	1.75 ft	6.00 ft	7.67 in	6.7 cu ft		
Rear	1.75 ft	4.00 ft	7.79 in	4.5 cu ft		
Rear	1.75 ft	13.00 ft	10.61 in	20.1 cu ft		
Rear	1.75 ft	12.00 ft	11.45 in	20.0 cu ft		
Rear	1.75 ft	37.00 ft	9.11 in	49.2 cu ft		
Rear	1.75 ft	37.00 ft	8.27 in	44.6 cu ft		
Rear	1.75 ft	11.00 ft	8.27 in	13.3 cu ft		
Rear	1.75 ft 1.75 ft	13.00 ft 4.00 ft	9.11 in	17.3 cu ft 6.7 cu ft		
Rear Rear	1.75 ft	6.00 ft	11.45 in 10.61 in	9.3 cu ft		
Rear	1.75 ft	16.00 ft	8.51 in	19.9 cu ft		
Rear	1.75 ft	9.00 ft	9.23 in	12.1 cu ft		
Real	1.7510	7.00 It	7.23 III	12.1 cu it	9.6 cu yd	
					3.0 ca ya	



### Page 3/3 **Back to Index** CUY-90-3.65 Quantities Calculated: JRE 9/21/2020 Des: Parsons Checked: RWB 9/23/2020 Submittal: Stage 2 Backchecked: JRE 9/23/2020 Corrected: JRE 9/23/2020 Verified: RWB 9/24/2020 **CLASS QC3 CONCRETE, MISC.:** 511E53014 <u>CY</u> Supplemental Description: WITH QC/QA, BRIDGE DECK, AS PER PLAN 262

				T	•	
						CY
						CI
Haunch at Abutme	ents (Continued)					
Variable Depth Por	tion					
	Width	Length	Ave Depth	Volume	Subtotal	
Forward	1.75 ft	56.00 ft	8.87 in	72.4 cu ft		
Forward		11.00 ft	9.11 in	14.6 cu ft		
Forward		16.00 ft	7.31 in	17.1 cu ft		
Forward	1.75 ft	6.00 ft	9.83 in	8.6 cu ft		
Forward		4.00 ft	10.31 in	6.0 cu ft		
Forward		13.00 ft	7.79 in	14.8 cu ft		
Forward		12.00 ft	6.29 in	11.0 cu ft		
Forward		19.00 ft	10.61 in	29.4 cu ft		
Forward		18.00 ft	11.33 in	29.7 cu ft		
Forward		18.00 ft	8.81 in	23.1 cu ft		
Forward		19.00 ft	8.09 in	22.4 cu ft		
Forward		12.00 ft	7.97 in	13.9 cu ft		
Forward	1.75 ft	13.00 ft	7.97 in	15.1 cu ft		
Forward		4.00 ft	7.97 in	4.6 cu ft		
Forward		6.00 ft	7.97 in	7.0 cu ft		
Forward	1.75 ft	16.00 ft	8.09 in	18.9 cu ft		
Forward	1.75 ft	11.00 ft	9.11 in	14.6 cu ft		
					12.0 cu yd	



		<u>Page 1/1</u>	Back to Index
	CUY-90-3.65 Quantities		
	Co1-70-3.03 Quantities	Calculated:	JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>512E10050</u>	SEALING OF CONCRETE SURFACES (NON-EPOXY)		<u>SY</u>
	Supplemental Description:		45

						SY
						-
Modified Media						
	Perimeter	Vert	Horiz	Length		
		3.00 in	0.00 in	0.25 ft		
		10.00 in	7.00 in	1.02 ft		
		19.00 in	2.00 in	1.59 ft		
		18.00 in	0.00 in	1.50 ft		
		9.00 in	0.00 in	0.75 ft		
			Sum	5.11 ft		
			x 2	10.22 ft		
			Length	22.50 ft		
			J	229.92 ft		
Raised Median						
	Perimeter	Vert	Horiz	Length		
		5.00 in	0.00 in	0.42 ft		
		1.00 in	18.00 in	1.50 ft		
		1.00 in	18.00 in	1.50 ft		
		5.00 in	0.00 in	0.42 ft		
			Sum	3.84 ft		
			x 2	7.68 ft		
			Length	22.50 ft		
				172.71 ft		
				Total	44.7 sq yd	
			-			
					CEM	
					GEN	
					ABUT	
					PIER	
					SUPER	45.0



		<u>Page 1/1</u>	Back to Index
	CUY-90-3.65 Quantities		
	cor yo 5.05 Quantities	Calculated:	JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>516E13600</u>	1" PREFORMED EXPANSION JOINT FILLER		<u>SF</u>
	Supplemental Description:		14

						SF
1" PEJF is located a	t ends of median bar	rier				
Are	a of Median Barrier	3.48 sq ft	Item 511E33414			
THE	x 2 Each	6.96 sq ft	Item 511E55414			
	x 2 Ends	13.92 sq ft		Subtotal	13.92	
		•				
					GEN	
					ABUT	
					PIER	
					SUPER	14.0



Des: Parsons Submittal: Stage 2

516E14600

<u>Page 1/1</u>	Back to Index
Calculated:	JRE 9/21/2020
Checked:	RWB 9/23/2020
Backchecked:	JRE 9/23/2020
Corrected:	JRE 9/23/2020
Verified:	RWB 9/24/2020
	<u>FT</u>

23

STRUCTURAL JOINT OR JOINT SEALER, MISC.:

Supplemental Description: POURED POLYURETHANE JOINT SEAL

						FT
Seal is located in 1" joint between median barriers.						
See Parapet pay item for more information.						
						<u> </u>
					GEN	
					ABUT	
					PIER	
					SUPER	22.5
					SULEV	44.3
i						i



Des: Parsons Submittal: Stage 2

516E14600

Page 1/1 **Back to Index** JRE 9/21/2020 Calculated: Checked: RWB 9/23/2020 Backchecked: JRE 9/23/2020 Corrected: JRE 9/23/2020 Verified: RWB 9/24/2020 <u>FT</u>

STRUCTURAL JOINT OR JOINT SEALER, MISC.:

Supplemental Description: ) BITUMEN IMPREGNATED FOAM JOINT SEAL

23

						FT	
Seal is located in 1"	Seal is located in 1" joint between median barriers.						
See Parapet pay item for more information.							
					CEN		
					GEN		
					ABUT		
					PIER SUPER	22.5	
					SUPEK	44.5	
İ	ĺ						



		<u>Page 1/1</u>	Back to Index
	CUY-90-3.65 Quantities		
	COT-70-5.05 Quantities	Calculated:	JRE 9/21/2020
Des: Parsons		Checked:	RWB 9/23/2020
Submittal: Stage 2		Backchecked:	JRE 9/23/2020
		Corrected:	JRE 9/23/2020
		Verified:	RWB 9/24/2020
<u>519E11100</u>	PATCHING CONCRETE STRUCTURE		<u>SF</u>
	Supplemental Description:		70

	_			
				CE
				SF
Sheet Number	Quantity			
9	Qualitity 20 cg ft			
10	29 sq ft 5 sq ft			
	5 SQ IL			
11	10 sq ft			
12	12 sq ft			
Subtotal	56.00			
Factor	1.25			
		Subtotal	70.00	
			GEN	
			ABUT	70.0
			PIER	
			SUPER	
			501 BIK	