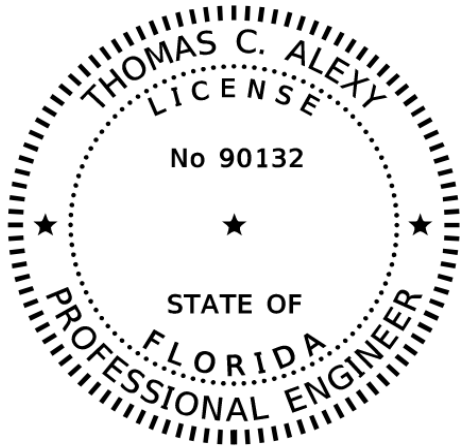


ESTIMATED QUANTITIES REPORT

Financial Project ID: 445460-1-52-01
Contract Number: CAK57
Project Description: BRIDGE REPLACEMENT AT CAXAMBAS COURT OVER ROBERTS BAY



This item has been digitally signed and sealed by:

on the date adjacent to the seal.

signature must be verified on any electronic copies.

BARGE DESIGN SOLUTIONS, INC.
100 EAST PINE STREET, SUITE 110
ORLANDO, FL 32801
THOMAS C. ALEXY, P.E. NO. 90132

The estimated quantities contained in this document:

1. Were developed in compliance with Florida Department of Transportation procedures, processes, and requirements, and relies on each component Engineer of Record to have done the same.
2. Contain no known errors or omissions.
3. Match the pay item numbers and quantities in Designer Interface for AASHTOWare Project Preconstruction™.

Summary of Lump Sum Items - 445460-1-52-01								
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0101 1	MOBILIZATION	LS/LS	1.0		1			
...								
...								
...								

Summary of Temporary Traffic Control Plan Items - 445460-1-52-01														
Pay Item Number	Pay Item Description	Units of Measure	Number Required	Duration (Days)	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Const. Phase		
0102 1	MAINTENANCE OF TRAFFIC	LS			1		1		DA	160				
0102 60	WORK ZONE SIGNS	ED	18	54	972		2933					I		
			18	53	954							II		
			19	53	1007							III		
0102 71 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	90		90.0		229					I		
			139		139.0							II		
0102 71 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	380		380.0		760					I		
			380		380.0							II, III		
0102 71 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	166		166.0		184					I		
			18		18.0							II		
0102 71 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	90		90.0		90					II		
0102 71 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	70		70.0		236					II		
			166		166.0							III		
0102 74 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	4	54	216		1350					I		
			15	54	810							II		
			6	54	324							III		
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	2	68	136		348					I	INCLUDES 14 DAYS PRIOR	
			2	53	106							II		
			2	53	106							III		
102115	TYPE III BARRICADE	ED	2	54	108		161					I,II,III		
			1	53	53							II		
102120	TEMPORARY TRAFFIC SIGNALS FOR LANE CLOSURES ON TWO-LANE,TWO-WAY ROADWAYS	ED	2	54	108		320					I		
			2	53	106							II		
			2	53	106							III		
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	38		38		38							
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.151		0.1510		0.151							
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	40		40.0		40							

Summary of Temporary Traffic Control Plan Items - 445460-1-52-01														
Pay Item Number	Pay Item Description	Units of Measure	Number Required	Duration (Days)	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Const. Phase		
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.152		0.1520		0.152							
...														
...														
...														

Summary of Special Detours - 445460-1-52-01																			
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Secondary Quantity			Location						Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Const. Phase	Alignment	Begin Station	End Station	Side	Element ID		
0102 2200	SPECIAL DETOUR- TEMPORARY PAVEMENT	LS	119.67	9.3	1		1		SY	784.3		1	CAXBL1	12+70.27	13+89.88	LT	9854		
			87.6	8.42	1		1			508.0		1	CAXBL1	17+69.00	18+59.24	LT	9853		
...																			
...																			
...																			

Summary of Erosion Control and Sediment Control Devices - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0104 11	Floating Turbidity Barrier	LF	350.8		744		CAXBL1	13+94.49	15+65.02	LT	13174		
			393.7				CAXBL1	15+94.74	17+68.94	LT	13144		
0104 18	Inlet Protection System	EA	1		2		CAXBL1	12+19.06	12+22.45	RT	13153		
			1				CAXBL1	12+67.97	12+73.85	RT	13152		
...													
...													
...													

Summary of Clearing Grubbing and Removal Items - 445460-1-52-01																		
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Secondary Quantity			Location					Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0110 1 1	Clearing & Grubbing	LS			1		1		AC	0.032		CAXBL1	12+71.60	13+90.99	LT	3736		
										0.043		CAXBL1	17+69.05	18+59.42	LT	3739		
0110 4 10	Removal Of Existing Concrete	SY			17.9		149					CAXBL1	12+98.20	13+81.98	LT	4000		
					30.6							CAXBL1	12+98.85	13+81.70	LT	3951		
					12.8							CAXBL1	13+25.61	13+82.13	RT	3961		
					56.6							CAXBL1	17+63.08	18+63.47	LT	4009		
					10.3							CAXBL1	17+78.97	18+19.56	RT	3974		
					18.0							CAXBL1	17+79.06	18+56.73	LT	3996		
					2.5							CAXBL1	18+82.61	18+89.03	LT	7407		
...																		
...																		
...																		

Summary of Earthwork - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0120 1	REGULAR EXCAVATION	CY	3.30		9.5		CAXBL1	12+71.59	13+45.00	LT	1111		
			6.24				CAXBL1	18+48.22	19+26.90	LT	1112		
0120 6	EMBANKMENT	CY	4.59		12.9		CAXBL1	12+71.59	13+45.00	LT	1111		
			8.32				CAXBL1	18+48.22	19+26.90	LT	1112		
...													
...													
...													

Summary of Pavement - 445460-1-52-01														
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location						Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Location Description	Side	Element ID		
0160 4	Type B Stabilization	SY	31.1		603		CAXBL1	12+20.02	13+44.93		LT	7313		
			109.7				CAXBL1	12+20.06	12+74.96		LT	7306		
			136.7				CAXBL1	12+75.04	13+44.95		LT	7307		
			18.3				CAXBL1	18+50.01	19+26.89		LT	7312		
			77.0				CAXBL1	18+50.03	18+89.04		LT/RT	7308		
			230.4				CAXBL1	18+89.05	19+99.97		LT/RT	7309		
0285701	Optional Base, Base Group 01	SY	31.1		243		CAXBL1	12+20.02	13+44.93		LT	2488		
			57.8				CAXBL1	13+45.04	13+70.98		RT	2489		
			135.7				CAXBL1	17+89.03	18+49.96		RT	2490		
			18.3				CAXBL1	18+50.01	19+26.89		LT	2491		
0327 70 6	Milling Exist Asph Pavt, 1 1/2 Avg Depth	SY	246.4		554		CAXBL1	12+20.06	13+44.95		LT/RT	6203		
			307.5				CAXBL1	18+50.03	19+99.97		LT/RT	6204		
0334 1 12	Superpave Asphaltic Conc, Traffic B	TN	2.57		27.4		CAXBL1	12+20.02	13+44.93		LT	6219		
			4.77				CAXBL1	13+45.04	13+70.98		LT	6221		
			3.70				CAXBL1	13+71.06	13+91.31		RT	6220		
							CAXBL1	13+91.00	13+91.35		LT/RT	6218		
			3.67				CAXBL1	17+69.04	17+88.95		LT	6223		
			11.19				CAXBL1	17+89.03	18+49.96		RT	2487		
			1.51				CAXBL1	18+50.01	19+26.89		LT	2486		
0337 7 81	Asphalt Concrete Friction Course, Traffic B, FC-12.5, PG 76-22	TN	2.57		83.7		CAXBL1	12+20.02	13+44.93		LT	6215		
			15.60				CAXBL1	12+20.06	13+44.95		LT/RT	6214	Overbuild	
			4.70				CAXBL1	12+75.00	13+45.00		LT/RT	9999		
			4.77				CAXBL1	13+45.04	13+70.98		LT	6216		
			3.70				CAXBL1	13+71.06	13+91.31		RT	6217		
			3.67				CAXBL1	17+69.04	17+88.95		LT	2155		
			11.19				CAXBL1	17+89.03	18+49.96		RT	2154		
			10.63				CAXBL1	18+50.00	18+89.00		LT/RT	9998	Overbuild	
			1.51				CAXBL1	18+50.01	19+26.89		LT	2153		
			25.36				CAXBL1	18+50.03	19+99.97		LT/RT	2156		
0526 1101	Pavers, Architectural, Remove Existing and Reinstall	SY	29.3		213		CAXBL1	12+28.54	12+63.39		RT	5940		
			24.5				CAXBL1	12+42.71	12+69.77		LT	5935		

Summary of Pavement - 445460-1-52-01														
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location						Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Location Description	Side	Element ID		
			47.3				CAXBL1	12+88.63	13+26.33		RT	5946		
			41.5				CAXBL1	18+57.47	18+96.65		LT	1623		
			34.0				CAXBL1	18+96.92	19+26.80		LT	1624		
			36.4				CAXBL1	19+53.89	19+83.49		RT	6842		
...														
...														
...														

Summary of Drainage - 445460-1-52-01														
Pay Item Number	Label	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0425 1351	S-102	Inlets, Curb, Type P-5, <10'	EA	1		4		CAXBL1	13+26.00	13+26.00	LT	9325		
	S-103			1				CAXBL1	13+33.00	13+33.00	RT	9336		
	S-203A			1				CAXBL1	18+10.00	18+10.00	RT	9460		
	S-202C			1				CAXBL1	18+46.00	18+46.00	LT	9493		
0425 1521	S-100	Inlets, Dt Bot, Type C,<10'	EA	1		6		CAXBL1	12+73.00	12+73.00	LT	9281		
	S-101			1				CAXBL1	13+23.00	13+23.00	LT	9314		
	S-105			1				CAXBL1	13+90.00	13+90.00	RT	9368		
	S-202A			1				CAXBL1	18+97.00	18+97.00	LT	9414		
	S-201			1				CAXBL1	19+11.00	19+11.00	RT	9438		
	S-200			1				CAXBL1	19+98.00	19+98.00	RT	9425		
0425 1541	S-202B	Inlets, Dt Bot, Type D, <10'	EA	1		1		CAXBL1	18+46.00	18+46.00	LT	9471		
0425 1551	S-204	Inlets, Dt Bot, Type E, <10'	EA	1		3		CAXBL1	17+77.00	17+77.00	RT	9449		
	S-203			1				CAXBL1	18+10.00	18+10.00	RT	9547		
	S-202			1				CAXBL1	18+55.00	18+55.00	RT	9482		
0425 2 41	S-104	Manholes, P-7, <10'	EA	1		1		CAXBL1	13+37.00	13+37.00	RT	9347		
0425 2110		Manholes, Repair	EA	1		1		CAXBL1	18+66.66	18+66.66	RT		Connect 4" PVC Force Main to Existing Manhole	
0430175112	P-100A	Pipe Culvert,Optional Material,Round, 12"S/CD	LF	4.0		12		CAXBL1	12+68.01	12+72.00	LT	9408	w/ Concrete Jacket	
	P-200A			8.4				CAXBL1	19+99.04	20+07.73	RT	9536	w/ Concrete Jacket	
0430175115	P-104A	Pipe Culvert,Optional Material,Round, 15"S/CD	LF	4.0		87		CAXBL1	13+31.01	13+35.00	RT	9392	w/ Concrete Jacket	
	P-200			83.0				CAXBL1	19+12.00	19+96.96	RT	9437		
0430175118	P-100	Pipe Culvert,Optional Material,Round, 18"S/CD	LF	48.1		208		CAXBL1	12+74.00	13+21.46	LT	9398	Cost of Manatee Grates in Accordance with Standard Index 430-001 is incidental to the Pipe Culvert Cost	
	P-101			10.9				CAXBL1	13+22.95	13+25.86	LT	9400		
	P-102			20.0				CAXBL1	13+25.90	13+32.98	LT/RT	9404		
	P-103			10.3				CAXBL1	13+33.14	13+36.32	RT	9402		
	P-104			50.0				CAXBL1	13+39.00	13+89.00	RT	9394		
	P-105			48.4				CAXBL1	13+91.00	14+39.28	RT	9396		
	P-203A			10.2				CAXBL1	18+09.98	18+10.00	RT	9523		

Summary of Drainage - 445460-1-52-01														
Pay Item Number	Label	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
	P-202B			10.0				CAXBL1	18+46.30	18+46.30	LT	9529		
0430175124	P-204	Pipe Culvert,Optional Material,Round, 24"S/CD	LF	23.4		175		CAXBL1	17+51.70	17+74.78	RT	9517	Cost of Manatee Grates in Accordance with Standard Index 430-001 is incidental to the Pipe Culvert Cost	
	P-203			28.8				CAXBL1	17+79.23	18+07.75	RT	9519		
	P-202			40.6				CAXBL1	18+12.25	18+52.75	RT	9525		
	P-202C			29.0				CAXBL1	18+45.98	18+54.82	LT/RT	9527		
	P-201			52.8				CAXBL1	18+57.25	19+10.00	RT	9521		
0430175218	P-202A	Pipe Culvert,Optional Material,Other-Elip/Arch, 18"S/CD	LF	48.5		48		CAXBL1	18+48.04	18+96.01	LT	9532		
0430830		Pipe Filling And Plugging- Place Out Of Service	CY	4.90		10.9		CAXBL1	13+22.05	13+96.93	LT	9944		
				6.03				CAXBL1	17+53.26	18+45.48	LT	9943		
0440 1 20		Underdrain, Type II	LF	120.0		120		CAXBL1	18+97.98	20+15.00	LT	9931		
...														
...														
...														

Summary of Curbs - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0520 1 10	Concrete Curb & Gutter, Type F	LF	93.2		219		CAXBL1	12+97.90	13+91.00	LT	2643		
			35.3				CAXBL1	13+25.74	13+61.00	RT	6224		
			68.8				CAXBL1	17+69.00	18+37.76	LT	6225		
			14.1				CAXBL1	17+98.99	18+13.09	RT	6227		
			7.8				CAXBL1	18+48.22	18+56.01	LT	6226		
...													
...													
...													

Summary of Sidewalk and Detectable Warnings - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0522 2	Sidewalk Concrete And Driveways, 6" Thick	SY	62.5		204		CAXBL1	12+98.82	13+90.93	LT	1844		
			64.7				CAXBL1	17+69.00	18+65.70	LT	1845		
			40.7				CAXBL1	18+13.21	18+53.94	RT	1776		
			34.0				CAXBL1	18+59.34	18+95.23	RT	1777		
			2.5				CAXBL1	18+82.61	18+89.03	LT	7348		
...													
...													
...													

Summary of Walls - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Wall No.	Alignment	Begin Station	End Station	Side		
0121 70	FLOWABLE FILL	CY	6.20		29.9		RW-1	CAXBL1	14+44.51	13+99.83		PHASE 1	
			10.20				RW-1					PHASE 2	
			5.00				RW-2	CAXBL1	17+51.00	17+51.00		PHASE 1	
			8.50				RW-2					PHASE 2	
0400 0 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	12.50		29.6		RW-3	CAXBL1	13+10.00	13+85.00	LT	PHASE 1	
			17.10				RW-4	CAXBL1	17+75.00	18+60.00	LT	PHASE 1	
0400 4 8	CONCRETE IV, BULKHEAD	CY	3.90		22.5		RW-1	CAXBL1	14+44.51	13+99.83		PHASE 1	
			8.50				RW-1					PHASE 2	
			3.20				RW-2	CAXBL1	17+51.00	17+51.00		PHASE 1	
			6.90				RW-2					PHASE 2	
0415 10 5	FIBER REINFORCED POLYMER BARS,#5	LF	879.0		4719		RW-1	CAXBL1	14+44.51	13+99.83		PHASE 1	
			1752.0				RW-1	CAXBL1				PHASE 2	
			734.0				RW-2	CAXBL1	17+51.00	17+51.00		PHASE 1	
			1354.0				RW-2	CAXBL1				PHASE 2	
0455 14 52	CONCRETE SHEET PILING, HSSS/GFRP, 12" WALL THICKNESS	SF	642.0		3482		RW-1	CAXBL1	14+44.51	13+99.83		PHASE 1	
			1040.0				RW-1	CAXBL1				PHASE 2	
			675.0				RW-2	CAXBL1	17+51.00	17+51.00		PHASE 1	
			1125.0				RW-2	CAXBL1				PHASE 2	
0530 3 3	RIPRAP-RUBBLE, BANK AND SHORE	TN	931.10		931.1								
0530 74	BEDDING STONE	TN	264.80		264.8								
...													
...													
...													

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
LUMP SUM ITEMS	0108 1	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING	LS	1		1					PH 1 & PH 2		
	0108 2	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING	LS	1		1					PH 1 & PH 2		
	0110 3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	SF	4019.6		12423					PH 1	BRIDGE NO. 034112 INCLUDES APP. SLABS	EXTRACTING AND CUTTING EXISTING PILES INCIDENTAL
				8403.2							PH 2		
FOUNDATION	0455 15 15	PREFORMED PILE HOLES, 30" TO 34" DRILL/PUNCH SIZE	LF	60.0		120					IB 2 - PH 1	2 PILES-30FT DEPTH	
				60.0							IB 2 - PH 2	2 PILES-30FT DEPTH	
	0455 20 1	PILE INSPECTION, DRIVEN PILE	EA	2		32					EB 1 - PH 1		
				2							IB 2 - PH 1		
				2							IB 3 - PH 1		
				2							IB 4 - PH 1		
				2							IB 5 - PH 1		
				2							IB 6 - PH 1		
				2							IB 7 - PH 1		
				2							EB 8 - PH 1		
				2							EB 1 - PH 2		
				2							IB 2 - PH 2		
				2							IB 3 - PH 2		
				2							IB 4 - PH 2		
				2							IB 5 - PH 2		
				2							IB 6 - PH 2		
				2							IB 7 - PH 2		
				2							EB 8 - PH 2		
	0455 34 25	PRESTRESSED CONCRETE PILING, 24" SQ W/ FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	53.0		1979					EB 1 - PH 1		
				72.0							IB 2 - PH 1		
				138.0							IB 3 - PH 1		
				162.0							IB 4 - PH 1		
				83.0							IB 5 - PH 1		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				150.0							IB 6 - PH 1		
				148.0							IB 7 - PH 1		
				53.0							EB 8 - PH 1		
				106.0							EB 1 - PH 2		
				144.0							IB 2 - PH 2		
				138.0							IB 3 - PH 2		
				162.0							IB 4 - PH 2		
				166.0							IB 5 - PH 2		
				150.0							IB 6 - PH 2		
				148.0							IB 7 - PH 2		
				106.0							EB 8 - PH 2		
	0455115	PILE REDRIVE	EA	1		8					EB 1	1 PER BENT	
				1							IB 2	1 PER BENT	
				1							IB 3	1 PER BENT	
				1							IB 4	1 PER BENT	
				1							IB 5	1 PER BENT	
				1							IB 6	1 PER BENT	
				1							IB 7	1 PER BENT	
				1							EB 8	1 PER BENT	
	0455137	LOAD TEST (DYNAMIC), DATA COLLECTION AND ANALYSIS	EA	2		32					EB 1 - PH 1		
				2							IB 2 - PH 1		
				2							IB 3 - PH 1		
				2							IB 4 - PH 1		
				2							IB 5 - PH 1		
				2							IB 6 - PH 1		
				2							IB 7 - PH 1		
				2							EB 8 - PH 1		
				2							EB 1 - PH 2		
				2							IB 2 - PH 2		
				2							IB 3 - PH 2		
				2							IB 4 - PH 2		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				2							IB 5 - PH 2		
				2							IB 6 - PH 2		
				2							IB 7 - PH 2		
				2							EB 8 - PH 2		
	0455137 2	LOAD TEST (DYNAMIC), VERIFICATION TEST	EA	1		16					EB 1 - PH 1		
				1							IB 2 - PH 1		
				1							IB 3 - PH 1		
				1							IB 4 - PH 1		
				1							IB 5 - PH 1		
				1							IB 6 - PH 1		
				1							IB 7 - PH 1		
				1							EB 8 - PH 1		
				1							EB 1 - PH 2		
				1							IB 2 - PH 2		
				1							IB 3 - PH 2		
				1							IB 4 - PH 2		
				1							IB 5 - PH 2		
				1							IB 6 - PH 2		
				1							IB 7 - PH 2		
				1							EB 8- PH 2		
	0455143 25	TEST PILES-PRESTRESSED CONCRETE, 24" SQ W/ FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	68.0		321					EB 1 - PH 1		
				87.0							IB 2 - PH 1		
				98.0							IB 5 - PH 1		
				68.0							EB 8 - PH 1		
	0524 2 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY	215.0		215							
SUBSTRUCTURE	0400 4 5	CLASS IV CONCRETE (SUBSTRUCTURE)	CY	11.27		172.3					EB 1 - PH 1		
				10.20							IB 2 - PH 1		
				10.20							IB 3 - PH 1		
				10.20							IB 4 - PH 1		
				10.20							IB 5 - PH 1		
				10.20							IB 6 - PH 1		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				10.20							IB 7 - PH 1		
				11.27							EB 8 - PH 1		
				11.86							EB 1 - PH 2		
				10.80							IB 2 - PH 2		
				10.80							IB 3 - PH 2		
				10.80							IB 4 - PH 2		
				10.80							IB 5 - PH 2		
				10.80							IB 6 - PH 2		
				10.80							IB 7 - PH 2		
				11.86							EB 8 - PH 2		
	0415 10 4	FIBER REINFORCED POLYMER BARS, #4	LF	1778.0		3556					CIP TOPPING - PH 1		
				1778.0							CIP TOPPING - PH 2		
	0415 10 5	FIBER REINFORCED POLYMER BARS, #5	LF	401.0		28393					EB 1 - PH 1		
				540.0							IB 2 - PH 1		
				540.0							IB 3 - PH 1		
				540.0							IB 4 - PH 1		
				540.0							IB 5 - PH 1		
				540.0							IB 6 - PH 1		
				540.0							IB 7 - PH 1		
				401.0							EB 8 - PH 1		
				375.0							EB 1 - PH 2		
				500.0							IB 2 - PH 2		
				500.0							IB 3 - PH 2		
				500.0							IB 4 - PH 2		
				500.0							IB 5 - PH 2		
				500.0							IB 6 - PH 2		
				500.0							IB 7 - PH 2		
				375.0							EB 8 - PH 2		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				6867.0							CIP TOPPING - PH 1		
				13734.0							CIP TOPPING - PH 2		
	0415 10 6	FIBER REINFORCED POLYMER BARS, #6	LF	1269.0		14936					EB 1 - PH 1		
				1064.6							IB 2 - PH 1		
				1064.6							IB 3 - PH 1		
				1064.6							IB 4 - PH 1		
				1064.6							IB 5 - PH 1		
				1064.6							IB 6 - PH 1		
				1064.6							IB 7 - PH 1		
				1269.0							EB 8 - PH 1		
				923.0							EB 1 - PH 2		
				694.0							IB 2 - PH 2		
				694.0							IB 3 - PH 2		
				694.0							IB 4 - PH 2		
				694.0							IB 5 - PH 2		
				694.0							IB 6 - PH 2		
				694.0							IB 7 - PH 2		
				923.0							EB 8 - PH 2		
	0415 10 7	FIBER REINFORCED POLYMER BARS, #7	LF	81.0		302					EB 1 - PH 1		
				81.0							EB 8 - PH 1		
				70.0							EB 1 - PH 2		
				70.0							EB 8 - PH 2		
	0415 10 8	FIBER REINFORCED POLYMER BARS, #8	LF	177.0		2061					EB 1 - PH 1		
				123.0							IB 2 - PH 1		
				123.0							IB 3 - PH 1		
				123.0							IB 4 - PH 1		
				123.0							IB 5 - PH 1		
				123.0							IB 6 - PH 1		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				123.0							IB 7 - PH 1		
				177.0							EB 8 - PH 1		
				163.7							EB 1 - PH 2		
				107.0							IB 2 - PH 2		
				107.0							IB 3 - PH 2		
				107.0							IB 4 - PH 2		
				107.0							IB 5 - PH 2		
				107.0							IB 6 - PH 2		
				107.0							IB 7 - PH 2		
				163.7							EB 8 - PH 2		
	0415 10 9	FIBER REINFORCED POLYMER BARS, #9	LF	294.0		2580					IB 2 - PH 1		
				294.0							IB 3 - PH 1		
				294.0							IB 4 - PH 1		
				294.0							IB 5 - PH 1		
				294.0							IB 6 - PH 1		
				294.0							IB 7 - PH 1		
				136.0							IB 2 - PH 2		
				136.0							IB 3 - PH 2		
				136.0							IB 4 - PH 2		
				136.0							IB 5 - PH 2		
				136.0							IB 6 - PH 2		
				136.0							IB 7 - PH 2		
SUPERSTRUCTURE	0400 4 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY	16.70		69.6					PHASE 1		
				52.90							PHASE 3		
	0400 4 47	CONCRETE CLASS IV, CIP TOPPING WITH SHRINKAGE REDUCING ADMIXTURE	CY	154.50		353.4					PHASE 1		
				198.90							PHASE 2		
	0400 7 1	BRIDGE DECK GROOVING	SY	17.0		1054					APP SLAB 1 - PH 1		
				315.0							BRIDGE DECK -PH 1		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				17.0							APP SLAB 2 - PH 1		
				34.0							APP SLAB 1 - PH 2		
				637.0							BRIDGE DECK-PH 2		
				34.0							APP SLAB 2 - PH 2		
	0400 9 1	BRIDGE DECK PLANNING	SY	17.0		1054					APP SLAB 1 - PH 1		
				315.0							BRIDGE DECK-PH 1		
				17.0							APP SLAB 2 - PH 1		
				34.0							APP SLAB 1 - PH 2		
				637.0							BRIDGE DECK-PH 2		
				34.0							APP SLAB 2 - PH 2		
	0400148	PLAIN NEOPRENE BEARING PAD	CF	9.40		18.8					PHASE 1		
				9.40							PHASE 2		
	0450 8 21	PRESTRESSED BEAM: FLORIDA SLAB BEAM, BEAM DEPTH 15" CARBON STEEL, WIDTH 48"	LF	1470.9		1471					PHASE 2		
	0450 8 24	PRESTRESSED BEAM: FLORIDA SLAB BEAM, BEAM DEPTH 15" CARBON STEEL, WIDTH 60"	LF	1104.0		1104					PHASE 1		
	0458 1 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	124.0		265					PHASE 1		
				141.0							PHASE 2		
	0415 1 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	27290.0		62338					SPANS 1-7 - PH 1		

Summary of Structure Quantities - 445460-1-52-01 BRIDGE NO. 034850													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
				29127.0							SPANS 1-7 - PH 2		
				5921.0							SIDEWALK - PH 3		
	0515 4 1	BULLET RAIL, SINGLE RAIL	LF	418.0		418					PHASE 1		
	0521 5 4	CONCRETE TRAFFIC RAILING- BRIDGE, 32" VERTICAL FACE	LF	418.0		418					PHASE 1		
	0521 5 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	418.0		418					PHASE 2		
APPROACH SLABS	0400 2 10	CLASS II CONCRETE (APPROACH SLABS)	CY	12.10		52.0					APP SLAB 1 - PH 1		
				13.90							APP SLAB 1 - PH 2		
				12.10							APP SLAB 2 - PH 1		
				13.90							APP SLAB 2 - PH 2		
	0415 1 9	REINFORCING STEEL (APPROACH SLABS)	LB	2551.0		10862					APP SLAB 1 - PH 1		
				2551.0							APP SLAB 2 - PH 1		
				2559.0							APP SLAB 1 - PH 2		
				2559.0							APP SLAB 2 - PH 2		
				321.0							APP SLAB 1 - PH 3		
				321.0							APP SLAB 2 - PH 3		
	...												
	...												
	...												

Summary of Signing and Pavement Marking - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0700 1111	Single Column Ground Sign Assembly, F&I Ground Mount, Less Than 12 SF	EA	1		2		CAXBL1	13+83.61	13+83.61	RT	3480		
			1				CAXBL1	17+84.25	17+84.25	LT	3531		
0700 1600	Single Column Ground Sign Assembly, Remove	EA	1		2		CAXBL1	13+76.27	13+76.27	RT	2423		
			1				CAXBL1	17+84.28	17+84.28	LT	2433		
0705 10 3	Object Marker, Type 3	EA	1		4		CAXBL1	13+84.26	13+84.26	LT	3212		
			1				CAXBL1	13+85.95	13+85.95	RT	2534		
			1				CAXBL1	17+74.00	17+74.00	RT	2537		
			1				CAXBL1	17+75.82	17+75.82	LT	3169		
0706 1 3	Raised Pavement Marker, Type B	EA	38		38		CAXBL1	12+46.78	19+66.70	RT	3429		
0711 16101	Thermoplastic, Standard, Other Surfaces, White, Solid, 6	GM	0.0324		0.152		CAXBL1	12+19.99	13+91.00	RT	2720		
			0.0324				CAXBL1	12+20.01	13+91.00	LT	2722		
			0.0297				CAXBL1	17+70.00	19+26.90	LT	2723		
			0.0275				CAXBL1	17+70.00	19+15.07	RT	2726		
			0.0022				CAXBL1	19+15.07	19+26.88	RT	2952		
			0.0051				CAXBL1	19+26.88	19+53.88	RT	3506		
			0.0061				CAXBL1	19+27.04	19+58.91	LT	3502		
			0.0055				CAXBL1	19+53.88	19+83.54	RT	3507		
			0.0074				CAXBL1	19+58.91	19+96.93	LT	3504		
			0.0030				CAXBL1	19+83.54	20+00.00	RT	3508		
			0.0006				CAXBL1	19+96.93	20+00.00	LT	3505		
0711 16201	Thermoplastic, Standard, Other Surfaces, Yellow, Solid, 6	GM	0.0026		0.152		CAXBL1	12+20.00	12+33.68	RT	3654		
			0.0026				CAXBL1	12+20.00	12+33.66	LT	3653		
			0.0298				CAXBL1	12+33.66	13+90.89	LT	3652		
			0.0298				CAXBL1	12+33.68	13+90.90	LT/RT	3656		
			0.0298				CAXBL1	17+69.66	19+26.89	LT/RT	3224		
			0.0298				CAXBL1	17+69.68	19+26.89	LT	3223		
			0.0059				CAXBL1	19+26.87	19+58.14	RT	3421		
			0.0059				CAXBL1	19+26.88	19+58.14	LT	3420		
			0.0079				CAXBL1	19+58.14	20+00.00	LT	3426		
			0.0079				CAXBL1	19+58.15	19+99.99	RT	3427		
0713103101	Permanent Tape, White, Solid, 6 For Concrete Bridges	GM	0.0718		0.144		CAXBL1	13+91.00	17+70.00	RT	2716		

Summary of Signing and Pavement Marking - 445460-1-52-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
			0.0718				CAXBL1	13+91.00	17+70.00	LT	2715		
0713103201	Permanent Tape, Yellow, Solid, 6 For Concrete Bridges	GM	0.0718		0.144		CAXBL1	13+90.89	17+70.00	LT	3225		
			0.0718				CAXBL1	13+90.90	17+70.00	LT	3226		
...													
...													
...													

Summary of Lighting Items - 445460-1-52-01												
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0510 1	Navigation Lights- Fixed Bridge	LS/LS	1.0		1		CAXBL1	12+20.00	20+15.00	LT/RT		
0630 2 11	Conduit, Furnish & Install, Open Trench	LF	0.9		162		CAXBL1	17+68.49	17+68.96	LT		
			0.5				CAXBL1	17+68.54	17+69.00	RT		
			20.0				CAXBL1	17+69.00	17+89.00	RT		
			20.0				CAXBL1	17+69.00	17+89.00	LT		
			2.8				CAXBL1	17+88.97	17+91.30	LT		
			8.3				CAXBL1	17+89.01	17+97.22	RT		
			5.7				CAXBL1	17+91.33	17+97.03	LT		
			47.9				CAXBL1	17+97.03	18+44.88	LT		
			41.9				CAXBL1	18+44.88	18+86.77	LT		
			14.4				CAXBL1	18+86.72	18+87.24	LT		
0630 2 12	Conduit, Furnish & Install, Directional Bore	LF	34.8		35		CAXBL1	17+97.03	17+97.17	LT/RT		
0635 2 11	Pull & Splice Box, F&I, 13 X 24 Cover Size	EA	1		3		CAXBL1	17+97.08	17+97.08	LT		
			1				CAXBL1	17+97.22	17+97.22	RT		
			1				CAXBL1	18+86.77	18+86.77	LT		
0639 1121	Electrical Power Service, F&I, Underground, Meter Furnished By Power Company	AS	1		1		CAXBL1	17+99.05	18+03.79	LT		
0639 3 11	Electrical Service Disconnect, F&I, Pole Mount	EA	1		1		CAXBL1	17+99.05	18+03.79	LT		
0715 1 11	Lighting Conductors, F&I, Insulated, No. 10 Or <	LF	635.0		1645		CAXBL1	15+57.00	17+68.53	LT		
			635.0				CAXBL1	15+57.00	17+68.53	RT		
			2.8				CAXBL1	17+68.53	17+69.00	LT		
			1.4				CAXBL1	17+68.54	17+69.00	RT		
			60.0				CAXBL1	17+69.00	17+89.00	RT		
			60.0				CAXBL1	17+69.00	17+89.00	LT		
			48.8				CAXBL1	17+89.00	17+97.22	RT		
			8.3				CAXBL1	17+89.00	17+91.33	LT		
			41.1				CAXBL1	17+91.33	17+97.03	LT		
			152.3				CAXBL1	17+97.08	17+97.22	LT/RT		
0715 1 12	Lighting Conductors, F&I, Insulated, No.8 - 6	LF	55.9		136		CAXBL1	17+97.03	18+44.88	LT		
			49.9				CAXBL1	18+44.88	18+86.77	LT		
			30.4				CAXBL1	18+86.82	18+87.34	LT		
0715 1 14	Lighting Conductors, F&I, Insulated, No 1 To No 0	LF	167.6		408		CAXBL1	17+97.03	18+44.88	LT		

Summary of Lighting Items - 445460-1-52-01												
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
			149.7				CAXBL1	18+44.88	18+86.77	LT		
			91.1				CAXBL1	18+86.77	18+87.29	LT		
0715 7 11	Load Center, F&I, Secondary Voltage	EA	1		1		CAXBL1	17+99.05	18+03.79	LT		
...												
...												
...												