

CALCULATION SHEET

DATE: 19-Oct-23

INITIALS: JPH

PID: 112747 CHECKED BY:

CRS:

FAY-71-0029L (2401681)

DESCRIPTION:

QUANTITIES

ITEM 202 PO	RTIONS OF S	TRUCT	URE RE	MOVE	D, AS I	PER PL	AN	
DESCRIPTION	#	ı	_	٧	٧	Н	/T	LUMP
						TC	TAL =	LUMP
ITEM 50	3 UNCLASSIF	IED EX	CAVAT	ION, AS	PER I	PLAN		
DESCRIPTION	#	ı	_	٧	V	Н	/T	LUMP
						TC	TAL =	LUMP
ITEM 510 DOWI	EL HOLES WIT	TH NON	ISHRIN	K, NON	META	LLIC G	ROUT	
DESCRIPTION (FORWARD)	#	l	_	٧	٧	Н	/T	EACH
A503	252							252.0
A505	252							252.0
		•				TC	TAL =	504.0
ITEM 511 CONCRETE, MISC.:	PUMPED SELF C	ONSOLI	DATING	CONCRE	TE WITH	HIGH E	ARLY ST	RENGTH
DESCRIPTION	#	ı	_	٧	V	Н	/T	CU YD
FOOTING	2	61.68		1.25		3		17.1
BACKWALL	2	61.68		1.25		2.333		13.3
						TC	TAL =	30.4
512 SEALIN	IG OF CONCR	ETE SU	JRFACE	S EPO	XY UR	ETHAN	E	
DESCRIPTION	#	l	_	٧	v	Н	/T	SQ YD
BACKWALL	2	61.68		2.333				32.0
TOP OF FOOTING	2	61.68		0.5				6.9
FACE OF FOOTING	2	61.68		0.5				6.9
WINGWALLS	4	5		5				11.1
						TC	TAL =	56.9
ITEM 512 SI	EALING OF CO	ONCRE	TE SUF	RFACES	(NON	-EPOX	′)	
DESCRIPTION	#	ı	_	٧	٧	Н	/T	SQ YD
DECK	1	79.5		60				530.0
APPROACH SLABS	2	25		61				338.9
						TC	TAL =	868.9
ľ	TEM 516 JOIN	T SEAL	ER, AS	PER P	LAN			
DESCRIPTION	#	I	_	٧	٧	Н	/T	FT
BRIDGE LIMITS	2	61						122.0
ENDS OF APPROACH SLABS	2	61						122.0
		-				TC	TAL =	244.0
PATCH	IING CONCRE	TE STR	RUCTUI	RE, AS	PER PI	LAN		
DESCRIPTION	#	l	-	٧	٧	Н	/T	SQ FT
WINGWALLS	4							7.0
								0.0
						TC	TAL =	7.0
ITEM 607	FENCE REMO	VED A	ND REE	BUILT, A	AS PEF	RPLAN		
DESCRIPTION	#	ı	-	٧	v	Н	/T	FT
REAR & FORWARD	1	33						33.0
		-				TC	TAL =	33.0



CALCULATION SHEET

DATE: 19-Oct-23

INITIALS: JPH

PID: 112747 CHECKED BY:

FAY-71-0029R (2401711)

CRS: FA

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DESCRIPTION:

QUANTITIES

ITEM 202 POR			ERE		-	PER PL	AN .	
DESCRIPTION	#	L		V	V	H.	/T	LUMP
						TC	TAL =	LUMP
ITEM 503	UNCLASSIF	IED EXCA	VATI	ON, AS	S PER I	PLAN		
DESCRIPTION	#	L		٧	N	H.	/T	LUMP
						TC	TAL =	LUMP
ITEM 510 DOWE	L HOLES WI	TH NONS	IRINI	K, NON	IMETA	LLIC GF	ROUT	
DESCRIPTION (FORWARD)	#	L		٧	٧	H.	/T	EACH
A503	252							252.0
A505	252							252.0
						TC	TAL =	504.0
ITEM 511 CONCRETE, MISC.: P	UMPED SELF (CONSOLIDA	TING (CONCRE	TE WITI	H HIGH E	ARLY STI	RENGTH
DESCRIPTION	#	L		٧	V	H.	/T	CU YD
FOOTING	2	61.68		1.25		3		17.1
BACKWALL	2	61.68		1.25		2.333		13.3
					<u> </u>	TC	TAL =	30.4
512 SEALING	OF CONCE	ETE SURI	FACE	S EPO	XY UR	ETHAN	E	
DESCRIPTION	#	L		٧	v	H.	/T	SQ YD
BACKWALL	2	61.68		2.333				32.0
TOP OF FOOTING	2	61.68		0.5				6.9
FACE OF FOOTING	2	61.68		0.5				6.9
WINGWALLS	4	5		5				11.1
					<u> </u>	TC	TAL =	56.9
ITEM 512 SE	ALING OF C	ONCRETE	SUR	FACES	S (NON	-EPOXY	')	
DESCRIPTION	#	L			V	H		SQ YD
DECK	1	79.5		60				530.0
APPROACH SLABS	2	25		61				338.9
						TC	TAL =	868.9
IT	EM 516 JOIN	IT SEALER	R, AS	PER P	LAN			
DESCRIPTION	#	L	Ť		v	H	/T	FT
BRIDGE LIMITS	2	61						122.0
ENDS OF APPROACH SLABS	2	61						122.0
						TC	TAL =	244.0
PATCHI	NG CONCRE	TE STRU	CTUF	RE. AS	PER P			
DESCRIPTION	#	L		· ·	V	Н.	/T	SQ FT
WINGWALLS	4	Ī		•				7.0
	-		-					0.0
						TC	TAL =	7.0
ITFM 607 F	ENCE REMO	OVED AND	RFP	UII T	AS PER			7.0
DESCRIPTION	#	L	.,		V	H	/т Т	FT
	1	33		•	<u> </u>	11	•	33.0
REAR & FORWARD					l			



DATE: 19-Oct-23 INITIALS: JPH

PID: 112747 CHECKED BY:

CRS: FAY-71-0049L (2401746)

DESCRIPTION: QUANTITIES

ITEM 512 SEALING OF CONCRETE SURFACES (NON-EPOXY)								
DESCRIPTION (FORWARD)	RD) # L W H/T							
DECK	1	95.5	60		636.7			
APPROACH SLABS	2	25	61		338.9			
	TOTAL =							
IT	TEM 516 JOIN	IT SEALER, A	S PER PLAN					
DESCRIPTION	#	L	W	H/T	FT			
BRIDGE LIMITS	2	61.5			123.0			
DKIDGE FIIVII 19	2	01.5			120.0			
ENDS OF APPROACH SLABS	2	61.5			123.0			



 DATE:
 19-Oct-23
 INITIALS:
 JPH

 PID:
 112747
 CHECKED BY:

 CRS:
 FAY-71-0049R (2401770)

 DESCRIPTION:
 QUANTITIES

ITEM 512 SEALING OF CONCRETE SURFACES (NON-EPOXY)								
DESCRIPTION (FORWARD)	# L W H/T							
DECK	1	95.5	60		636.7			
APPROACH SLABS	2	25	61		338.9			
	TOTAL =							
IT	TEM 516 JOIN	IT SEALER, A	AS PER PLAN					
DESCRIPTION	#	L	W	H/T	FT			
	_				400.0			
BRIDGE LIMITS	2	61.5			123.0			
BRIDGE LIMITS ENDS OF APPROACH SLABS	2	61.5			123.0			



DATE:	19-Oct-23	INITIALS:	JPH
PID:	112747	CHECKED BY:	
CRS:	FAY-7	1-0302L (240192	(4)

CALCULATION SHEET DESCRIPTION: QUANTITIES

ITEM 512 SE	ALING OF C	ONCRETE S	URFACES (NO	N-EPOXY)	
DESCRIPTION (FORWARD)	#	L	w	H/T	SQ YD
DECK	1	121.5	60		810.0
APPROACH SLABS	2	25	61		338.9
				TOTAL =	1148.9
IT	EM 516 JOIN	NT SEALER,	AS PER PLAN		
DESCRIPTION	#	L	w	H/T	FT
BRIDGE LIMITS	2	61			122.0
ENDS OF APPROACH SLABS	2	61			122.0
				TOTAL =	244.0
ITEM 519 F	PATCHING C	ONCRETE E	RIDGE DECK -	TYPE B	
DESCRIPTION	#	L	W	H/T	SF
DECK/APPROCH SLABS	1				6.0
					0.0
-				TOTAL =	6.0



 DATE:
 19-Oct-23
 INITIALS:
 JPH

 PID:
 112747
 CHECKED BY:
 CRS:

 CRS:
 FAY-71-0302R (2401959)

 QUANTITIES
 QUANTITIES

CALCULATION SHEET

ITEM 512 SE	ALING OF C	ONCRETE S	URFACES (NO	N-EPOXY)	
DESCRIPTION (FORWARD)	#	L	W	H/T	SQ YD
DECK	1	121.5	60		810.0
APPROACH SLABS	2	25	61		338.9
				TOTAL =	1148.9
IT	TEM 516 JOIN	NT SEALER,	AS PER PLAN		
DESCRIPTION	#	L	W	H/T	FT
BRIDGE LIMITS	2	61			122.0
ENDS OF APPROACH SLABS	2	61			122.0
				TOTAL =	244.0
ITEM 519	PATCHING C	ONCRETE B	RIDGE DECK -	TYPE B	
DESCRIPTION	#	L	W	H/T	SF
DECK/APPROCH SLABS	1				6.0

DESCRIPTION: ___



DATE: 19-Oct-23 INITIALS: JPH

PID: 112747 CHECKED BY:

CRS: FAY-71-0376L (2401983)

DESCRIPTION: QUANTITIES

ITEM 512 SEALING OF CONCRETE SURFACES (NON-EPOXY)							
DESCRIPTION (FORWARD)	DESCRIPTION (FORWARD) # L W H/T						
DECK	1	235.4	60		1569.2		
APPROACH SLABS	2	25	63		350.0		
		·	·	61	1919.2		
ľ	TEM 516 JOIN	IT SEALER, A	AS PER PLAN				
DESCRIPTION	#	L	W	H/T	FEET		
ENDS OF APPROACH SLABS	2	66			132.0		
				TOTAL =	132.0		
ITEM 519	PATCHING C	ONCRETE BI	RIDGE DECK -	ТҮРЕ В			
DESCRIPTION	#	L	W	H/T	SF		
DECK/APPROCH SLABS	1				6.0		
TOTAL =							



DATE: 19-Oct-23 INITIALS: JPH

PID: 112747 CHECKED BY:

CRS: FAY-71-0377 (2402017)

DESCRIPTION: QUANTITIES

ITEM 512 SEALING OF CONCRETE SURFACES (NON-EPOXY)							
DESCRIPTION (FORWARD)	#	L	W	H/T	SQ YD		
DECK	1	235.4	60		1569.2		
APPROACH SLABS	2	25	63		350.0		
				61	1919.2		
ין	TEM 516 JOIN	T SEALER, AS	S PER PLAN				
DESCRIPTION	#	L	W	H/T	FEET		
ENDS OF APPROACH SLABS	2	66			132.0		
				TOTAL =	132.0		
ITEM 519	PATCHING C	ONCRETE BRI	DGE DECK - T	YPE B			
DESCRIPTION	#	L	W	H/T	SF		
DECK/APPROCH SLABS	1				6.0		
·				TOTAL =	6.0		



DATE: 19-Oct-23 INITIALS: JPH

PID: 112747 CHECKED BY:

CRS: FAY-729-0911 (2402580)

DESCRIPTION: QUANTITIES

ITEM 512 SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)							
DESCRIPTION (FORWARD)	#	L	W	H/T	SQ YD		
PIER COLUMN	3	14	9.42		44.0		
				61	44.0		
ITEM 519 PAT	CHING OF CO	NCRETE STR	UCTURE, AS	PER PLAN			
DESCRIPTION	#	L	W	H/T	SF		
PIER COLUMS	1				20.0		
				TOTAL =	20.0		
ITEM 519	SPECIAL - CO	OMPOSITE FIE	BER WRAP SY	STEM			
DESCRIPTION	#	L	W	H/T	SF		
PIER COLUMN	3	14	9.42		395.6		
				TOTAL =	395.6		



 DATE:
 19-Oct-23
 INITIALS:
 JPH

 PID:
 112747
 CHECKED BY:
 CRS:

 CRS:
 FAY-71-0718L (2402041)
 QUANTITIES

CALCULATION SHEET

ITEM516 SE	ALING OF CO	ONCRETE SU	RFACES (NON	I-EPOXY)	
DESCRIPTION (FORWARD)	#	L	W	H/T	SQ YD
DECK	1	187.2	60		1248.3
APPROACH SLABS	2	25	61		338.9
				61	1587.2
IT	EM 516 JOIN	T SEALLER, A	AS PER PLAN		
DESCRIPTION	#	L	W	H/T	FT
BRIDGE LIMITS	2	66.33			132.7
ENDS OF APPROACH SLABS	2	66.33			132.7
				TOTAL =	265.4
ITEM 519 F	PATCHING C	ONCRETE BR	IDGE DECK -	TYPE B	
DESCRIPTION	#	L	W	H/T	SF
CONTIGENCY	1				6.0
				TOTAL =	6.0

DESCRIPTION: ___



DATE: 19-Oct-23 INITIALS: JPH

PID: 112747 CHECKED BY:

CRS: FAY-71-0719R (2402076)

DESCRIPTION: QUANTITIES

ITEM516 SEA	ALING OF CO	NCRETE SUI	RFACES (NON-	-EPOXY)	
DESCRIPTION	#	L	W	H/T	SQ YD
DECK	1	187.2	60		1248.3
APPROACH SLABS	2	25	61		338.9
•		·		TOTAL =	1587.2
ITEM 519 \$	SPECIAL - CO	OMPOSITE FI	BER WRAP SY	STEM	
DESCRIPTION	#	L	W	H/T	SF
COLUMN	1	14.5	41.86		607.0
HAMER HEAD FACE	2	354.2	1		708.4
HAMER HEAD BOTTOM	2	14.5	2.5		72.5
HAMER HEAD SIDES	2	4.15	2.5		20.8
				TOTAL =	1315.4
IT	EM 516 JOIN	T SEALER, A	S PER PLAN	•	
DESCRIPTION	#	L	W	H/T	FT
BRIDGE LIMITS	2	66.33			132.7
ENDS OF APPROACH SLABS	2	66.33			132.7
				TOTAL =	265.4
ITEM 519 PA	TCHING CON	ICRETE STRU	JCTURE, AS PI	ER PLAN	
DESCRIPTION	#	L	W	H/T	SF
PIER	1	36			36.0
				TOTAL =	36.0
ITEM 519 P	ATCHING CO	ONCRETE BR	IDGE DECK - T	ҮРЕ В	
DESCRIPTION	#	L	w	H/T	SF
CONTIGENCY	1				6.0
				TOTAL =	6.0
ITEM 607 F	ENCE REMO	VED AND RE	BUILT, AS PER	RPLAN	
DESCRIPTION	#	L	W	H/T	FT
ENDS OF THE BRIDGE	1	36			36.0
				TOTAL =	36.0



DESCRIPTION: ___

ITEM516 SEALING OF CONCRETE SURFACES (NON-EPOXY)								
DESCRIPTION	#	L	W	H/T	SQ YD			
DECK	1	138	60		920.0			
APPROACH SLABS	2	25	61		338.9			
TOTAL =								
ITEM 516 JOINT SEALER, AS PER PLAN								
DESCRIPTION	#	L	W	H/T	FT			
BRIDGE LIMITS	2	62.83			125.7			
ENDS OF APPROACH SLABS	2	62.83			125.7			
TOTAL =								
ITEM 519 PATCHING CONCRETE BRIDGE DECK - TYPE B								
DESCRIPTION	#	L	w	H/T	SF			
CONTIGENCY	1				6.0			
				TOTAL =	6.0			



DATE:	19-Oct-23	INITIALS:	JPH		
PID:	112747	CHECKED BY:			
CRS:	FAY-71-0732R (2402130)				

CALCULATION SHEET DESCRIPTION: QUANTITIES

ITEM516 SEALING OF CONCRETE SURFACES (NON-EPOXY)								
DESCRIPTION	#	L	W	H/T	SQ YD			
DECK	1	138	60		920.0			
APPROACH SLABS	2	25	61		338.9			
TOTAL =								
ITEM 516 JOINT SEALER, AS PER PLAN								
DESCRIPTION	#	L	W	H/T	FT			
BRIDGE LIMITS	2	62.83			125.7			
ENDS OF APPROACH SLABS	2	62.83			125.7			
TOTAL =								
ITEM 519 PATCHING CONCRETE BRIDGE DECK - TYPE B								
DESCRIPTION	#	L	w	H/T	SF			
CONTIGENCY	1				6.0			
				TOTAL =	6.0			