



BUT-4-1480R Bridge Rehab

Calculated By: CML	Date: 2/26/2023	Job No.: 81747	SFN: 900133
Checked By: MJZ	Date: 2/28/2023	Bridge No.: BUT-4-1480R	

ESTIMATED QUANTITIES					CALC BY: CML	DATE:
					CHECK BY: MJZ	DATE:
ITEM	EXT	QUANTITY	UNIT	DESCRIPTION		
202	23501	202	SY	WEARING COURSE REMOVED, AS PER PLAN		
407	10000	34	GAL	TACK COAT		
441	50100	60	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M		
512	33010	562	SY	TYPE 3 WATERPROOFING		
517	75600	300	FT	DEEP BEAM BRIDGE RETROFIT RAILING		
SPECIAL	51822300	355.88	FT	STEEL DRIP STRIP		
846	00110	31	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM		
TOTAL						



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202	23501	698	SY	WEARING COURSE REMOVED, AS PER PLAN
deck		144.68	ft	length
		34.00	ft	width
		4919.12	sq ft	area
approach slabs		20.00	ft	length
		34.00	ft	width
		2.00	ea	number
		1360.00	sq ft	area of approach slabs
		6279.12	sq ft	total
		697.68	sq yd	total
441	50100	60.00	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
deck		144.68	ft	length of deck
		34.00	ft	width
		3.07	in	average thickness
		1259.06	cu ft	volume
approach slabs		20.00	ft	length
		34.00	ft	width
		3.07	in	thickness
		2.00	ea	number
		348.10	cu ft	volume
		1607.16	cu ft	volume of asphalt
		60.00	cu yd	total
512	33010	562	SY	TYPE 3 WATERPROOFING
deck		144.68	ft	length of deck
		2.00	ft	extention onto approach slab per CMS 512.08.H
		2.00	ea	number of approach slabs
		34.00	ft	width of deck
		5055.12	sq ft	area
		561.68	SY	total
517	75600	300	FT	DEEP BEAM BRIDGE RETROFIT RAILING
deck		23.00	ea	number of posts along bridge limits only
		6.25	ft	post spacing
		6.25	ft	distance from last post on bridge to first post off of the bridge
		2.00	ea	number of bridge ends
		2.00	ea	number of sides
			300.00	ft
SPECIAL	51822300	356	FT	STEEL DRIP STRIP
deck		143.44	ft	length of bridge
		1.50	ft	length of upper drip strip
		23.00	ea	number of posts per side
		2.00	ea	number of edges
		355.88	ft	total feet
		355.88	FT	total

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846	00110	31	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
		36.18	ft	length along end of approach
		20.00	in	width of seal
		3.00	in	height of seal
		15.08	cu ft	volume/abutment
		2.00	ea	approach slabs
		31.00	cu ft	Total volume