



OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 5 BRIDGE

DATE: 30-Oct-23
PID: 96323
CRS:

INITIALS: TDF
CHECKED BY:

CALCULATION SHEET

DESCRIPTION:

PER-93-6.18
BRIDGE QUANTITIES

ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN												
DESCRIPTION	#		L		W		T		C.F.			CU YD
REAR JOINT HEADERS	1	x	34		x 1.4167		x 0.8333		÷ 27	=		1.5
	1	x	32		x 1.4167		x 0.5833		÷ 27	=		1.0
FWD JOINT HEADERS	1	x	34		x 1.4167		x 0.8333		÷ 27	=		1.5
	1	x	32		x 1.4167		x 0.5833		÷ 27	=		1.0
TOTAL CARRIED TO GENERAL SUMMARY =												5
ITEM 202 - BRIDGE RAILING REMOVED												
DESCRIPTION	#		L		W		T		C.F.			FT
RIGHT RAILING	1	x	56.25		x		x		÷ 1	=		56.25
LEFT RAILING	1	x	56.25		x		x		÷ 1	=		56.25
TOTAL CARRIED TO GENERAL SUMMARY =												112
ITEM 511 - CLASS QC2 CONCRETE, MISC.: ACCELERATING ADMIXTURE												
DESCRIPTION	#		L		W		T		C.F.			CU YD
REAR JOINT HEADERS	1	x	34		x 1.4167		x 0.8333		÷ 27	=		1.5
	1	x	32		x 1.4167		x 0.5833		÷ 27	=		1.0
FWD JOINT HEADERS	1	x	34		x 1.4167		x 0.8333		÷ 27	=		1.5
	1	x	32		x 1.4167		x 0.5833		÷ 27	=		1.0
TOTAL CARRIED TO GENERAL SUMMARY =												5
ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: EVAZOTE UV FOAM SEAL												
DESCRIPTION	#		L		W		T		C.F.			FT
REAR JOINT	2	x	34		x		x		÷ 1	=		68.0
FORWARD JOINT	2	x	34		x		x		÷ 1	=		68.0
TOTAL CARRIED TO GENERAL SUMMARY =												136
ITEM 516 - JOINT SEALER, AS PER PLAN												
DESCRIPTION	#		L		W		T		C.F.			FT
REAR DECK	1	x	32		x		x		÷ 1	=		32.0
FWD DECK	1	x	32		x		x		÷ 1	=		32.0
TOTAL CARRIED TO GENERAL SUMMARY =												64

ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN

DESCRIPTION	#		L		W		T		C.F.		FT		
REAR APPROACH	1	x	32		x			x		÷	1	=	32.0
REAR DECK	1	x	32		x			x		÷	1	=	32.0
FWD APPROACH	1	x	32		x			x		÷	1	=	32.0
FWD DECK	1	x	32		x			x		÷	1	=	32.0
TOTAL CARRIED TO GENERAL SUMMARY =												128	

ITEM 517 - RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS)

DESCRIPTION	#		L		W		T		C.F.		FT		
RIGHT RAILING	1	x	55.9583		x			x		÷	1	=	55.96
LEFT RAILING	1	x	55.9583		x			x		÷	1	=	55.96
TOTAL CARRIED TO GENERAL SUMMARY =												112	

ITEM 517 - DEEP BEAM BRIDGE RETROFIT RAILING

DESCRIPTION	#		L		W		T		C.F.		FT		
RIGHT RAILING	1	x	55.9583		x			x		÷	1	=	55.96
LEFT RAILING	1	x	55.9583		x			x		÷	1	=	55.96
TOTAL CARRIED TO GENERAL SUMMARY =												112	

ITEM 518 - STRUCTURE DRAINAGE, MISC.: STEEL DEFLECTOR

DESCRIPTION	#		L		W		T		C.F.		EACH		
BRIDGE CORNERS	4	x			x			x		÷	1	=	4.0
TOTAL CARRIED TO GENERAL SUMMARY =												4	