

P:\PR57532\SC\100899\Roadway\Design\Sheets\100899\CG001.dgn Sheet 4/5/2021 2:03:17 PM kilin

SHEET NUM.										PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	NJL	CHECKED	MAH
11	59	60	69							01/STR/BR		EXT	TOTAL							
		135.5								135.5	630	02100	135.5	FT	GROUND MOUNTED SUPPORT, NO. 2 POST					
		17								17	630	02101	17	FT	GROUND MOUNTED SUPPORT, NO. 2 POST, AS PER PLAN	8				
		29								29	630	03100	29	FT	GROUND MOUNTED SUPPORT, NO. 3 POST					
		2								2	630	08600	2	EACH	SIGN POST REFLECTOR					
		42								42	630	80100	42	SF	SIGN, FLAT SHEET					
		1								1	630	80500	1	EACH	SIGN, DOUBLE FACED, STREET NAME					
		13								13	630	84900	13	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL					
		3								3	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION					
		13								13	630	86002	13	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL					
	0.42									0.42	642	00104	0.42	MILE	EDGE LINE, 6", TYPE 1					
	0.24									0.24	642	00300	0.24	MILE	CENTER LINE, TYPE 1					
	20									20	642	00500	20	FT	STOP LINE, TYPE 1, 24"					
															STRUCTURE REPAIR (SCI-139-11.38)					
			LS							LS	202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	67				
			129							129	202	22900	129	SY	APPROACH SLAB REMOVED					
			582							582	202	23500	582	SY	WEARING COURSE REMOVED					
			LS							LS	503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	67				
			639							639	503	21100	639	CY	UNCLASSIFIED EXCAVATION					
			128							128	503	31100	128	CY	ROCK EXCAVATION					
			91,780							91,780	509	10000	91,780	LB	EPOXY COATED REINFORCING STEEL					
			12							12	510	10000	12	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT					
			250							250	511	32212	250	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE					
			2							2	511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE					
			70							70	511	43212	70	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER					
			71							71	511	44112	71	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING					
			53							53	511	46512	53	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING					
			389							389	512	10100	389	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
			108							108	512	33000	108	SY	TYPE 2 WATERPROOFING					
			4							4	515	15000	4	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (52'-8" BEAM LENGTH)					
			8							8	515	15000	8	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (53'-10" BEAM LENGTH)					
			9							9	515	20000	9	EACH	INTERMEDIATE DIAPHRAGMS					
			49							49	516	13900	49	SF	2" PREFORMED EXPANSION JOINT FILLER					
			98							98	516	14020	98	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL					
			16							16	516	44100	16	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11 1/2 "x14"x2 3/16 ")					
			8							8	516	44101	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12 1/2 "x14"x2 3/16 ")	90				
			326							326	517	70000	326	FT	RAILING (TWIN STEEL TUBE)					
			49							49	518	21200	49	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC					
			401							401	SPECIAL	51822300	401	FT	STEEL DRIP STRIP	67				
			109							109	518	40000	109	FT	6" PERFORATED CORRUGATED PLASTIC PIPE					
			91							91	518	40010	91	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
			48							48	524	94705	48	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN	67				
			111							111	524	94803	111	FT	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN	67				
			48							48	524	94805	48	FT	DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK, AS PER PLAN	67				
			206							206	526	25010	206	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")					
			77							77	526	90010	77	FT	TYPE A INSTALLATION					
			456							456	840	23000	456	CY	SELECT GRANULAR BACKFILL					
			4							4	894	10000	4	EACH	THERMAL INTEGRITY PROFILING (TIP) TEST					
			11							11	894	10100	11	FT	CONCRETE CORE SAMPLING AND GROUTING					
			4							4	894	10200	4	EACH	CONCRETE CORE STRENGTH TEST					
															MAINTENANCE OF TRAFFIC					
80										80	614	11110	80	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
1,880										1,880	614	11630	1,880	FT	INCREASED BARRIER DELINEATION					
4										4	614	12338	4	EACH	WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL)					
LS										LS	614	12420	LS		DETOUR SIGNING					
37										37	614	13310	37	EACH	BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL)					
19										19	614	13314	19	EACH	BARRIER REFLECTOR, TYPE 3, (BIDIRECTIONAL)					
56										56	614	13360	56	EACH	OBJECT MARKER, TWO WAY					
0.73										0.73	614	22000	0.73	MILE	WORK ZONE EDGE LINE, CLASS I, 4"					
0.08										0.08	614	22300	0.08	MILE	WORK ZONE EDGE LINE, CLASS I, 4", T40.06, TYPE II					

GENERAL SUMMARY

SCI-139-11.38

△ = ADDENDUM #1 (4/5/2021)

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ESTIMATED QUANTITIES							CALC'D	DATE	CHK'D	DATE
ITEM	ITEM EXT.	UNIT	DESCRIPTION	ABUTMENTS	PIERS	SUPERSTR.	GENERAL	TOTAL	SHT. REF.	
202	11003	LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	LS	LS	LS	LS	LS	3 / 40	
202	22900	SY	APPROACH SLAB REMOVED				129	129		
202	23500	SY	WEARING COURSE REMOVED				582	582		
204	30010	CY	GRANULAR MATERIAL, TYPE B	33				33		
503	11101	LS	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	LS				LS	3 / 40	
503	21100	CY	UNCLASSIFIED EXCAVATION	639				639		
503	31100	CY	ROCK EXCAVATION	128				128		
509	10000	LB	EPOXY COATED REINFORCING STEEL	10,757	15,497	65,526		91,780		
510	10000	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT		12			12		
511	32212	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			250		250		
511	33500	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				2		
511	43212	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER		70			70		
511	44112	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	71				71		
511	46512	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	53				53		
512	10100	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	102		287		389		
512	33000	SY	TYPE 2 WATERPROOFING	63		45		108		
515	15000	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (52'-8" BEAM LENGTH)			4		4		
515	15000	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (53'-10" BEAM LENGTH)			8		8		
515	20000	EACH	INTERMEDIATE DIAPHRAGMS			9		9		
516	13900	SF	2" PREFORMED EXPANSION JOINT FILLER	49				49		
516	14020	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	98				98		
516	44101	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12 1/2" x 14" x 2 3/16")	8				8	26 / 40	
516	44100	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11 1/2" x 14" x 2 3/16")		16			16		
517	70000	FT	RAILING (TWIN STEEL TUBE)			326		326		
518	21200	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	49				49		
518	40000	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	109				109		
518	40010	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	91				91		
524	94705	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN		48			48	3 / 40	
524	94803	FT	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN	56	55			111	3 / 40	
524	94805	FT	DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK, AS PER PLAN	48				48	3 / 40	
526	25010	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")			206		206		
526	90010	FT	TYPE A INSTALLATION			77		77		
601	32204	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC				341	341		
840	23000	CY	SELECT GRANULAR BACKFILL	456				456		
863	00100	SY	GEOGRID, TYPE P1	2,337				2,337		
894	10000	EACH	THERMAL INTEGRITY PROFILING (TIP) TEST	2	2			4		
894	10100	FT	CONCRETE CORE SAMPLING AND GROUTING		11			11		
894	10200	EACH	CONCRETE CORE STRENGTH TEST	2	2			4		
SPECIAL	51822300	FT	SPECIAL - STEEL DRIP STRIP			401		401		

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△ = ADDENDUM #1 (4/5/2021)

BURGESS & NIPLÉ
Engineers ■ Architects ■ Planners
5085 REED ROAD, COLUMBUS, OHIO 43220

DATE 4/14/20
REVIEWED MAK
STRUCTURE FILE NUMBER 7303816

DRAWN BDE/AAA
REVISOR
DESIGNED BDE
CHECKED JHL

ESTIMATED QUANTITIES
SCI-139-1138
OVER ROCKY FORK CREEK

SCI-139-11.38
PID No. 100891

5 / 40

69
108