


SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
							4		9		OFFICE CALCS	01/STR/BR	EXT	TOTAL				
											LS	LS	201	11000	LS		ROADWAY	
							150				374	524	202	23000	524	SY	CLEARING AND GRUBBING	
											487.5	487.5	202	38000	487.5	FT	PAVEMENT REMOVED	
											3	3	202	42010	3	EACH	GUARDRAIL REMOVED	
											1	1	202	42040	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
																	ANCHOR ASSEMBLY REMOVED, TYPE T	
											4	4	202	47000	4	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
											80	80	203	10000	80	CY	EXCAVATION	
											522	522	204	10000	522	SY	SUBGRADE COMPACTION	
											8	8	209	15000	8	STA	RESHAPING UNDER GUARDRAIL	
											8	8	209	60200	8	STA	LINEAR GRADING	
											487.5	487.5	606	15050	487.5	FT	GUARDRAIL, TYPE MGS	
											3	3	606	26150	3	EACH	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016)	
											1	1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											4	4	606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
																	EROSION CONTROL	
											600	600	659	10000	600	SY	SEEDING AND MULCHING	
											0.06	0.06	659	20000	0.06	TON	COMMERCIAL FERTILIZER	
											2,000	2,000	832	30000	2,000	EACH	EROSION CONTROL	
																	PAVEMENT	
							200					200	254	01000	200	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
							25				61	86	301	46000	86	CY	ASPHALT CONCRETE BASE, PG64-22	
											87	87	304	20000	87	CY	AGGREGATE BASE	
							40				42	82	407	20000	82	GAL	NON-TRACKING TACK COAT	
							20				39	59	441	50000	59	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
																	TRAFFIC CONTROL	
											3	3	621	54000	3	EACH	RAISED PAVEMENT MARKER REMOVED	
											18	18	626	00116	18	EACH	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL	
																	STRUCTURE OVER 20 FOOT SPAN (SEN-19-0197)	
											LS	LS	202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	8
											178	178	202	22900	178	SY	APPROACH SLAB REMOVED	
											316	316	202	23500	316	SY	WEARING COURSE REMOVED	
											36	36	503	21101	36	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN	8
											7,708	7,708	509	10000	7,708	LB	EPOXY COATED REINFORCING STEEL	
											144	144	510	10000	144	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
											28	28	511	31610	28	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE	
											12	12	511	45710	12	CY	CLASS QC1 CONCRETE, ABUTMENT	
											52	52	512	10050	52	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
											8	8	515	12030	8	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB17-48, (38'-6" LONG)	
											20	20	516	13600	20	SF	1" PREFORMED EXPANSION JOINT FILLER	
											78	78	516	14020	78	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
											64	64	516	31000	64	FT	JOINT SEALER, 705.04	
											32	32	516	43100	32	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (7"x11"x3/4")	
											84.83	84.83	517	70000	84.83	FT	RAILING (TWIN STEEL TUBE)	
											22	22	518	21200	22	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
											97	97	SPECIAL	51822300	97	FT	STEEL DRIP STRIP	
											100	100	518	40000	100	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
											20	20	518	40012	20	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	
											28	28	519	11100	28	SF	PATCHING CONCRETE STRUCTURE	
											142	142	526	15000	142	SY	REINFORCED CONCRETE APPROACH SLABS (T=13")	
											64	64	526	90010	64	FT	TYPE A INSTALLATION	
											8	8	601	20000	8	SY	CRUSHED AGGREGATE SLOPE PROTECTION	
																	INCIDENTALS	
											LS	614	11000	LS			MAINTAINING TRAFFIC	
											LS	623	10000	LS			CONSTRUCTION LAYOUT STAKES AND SURVEYING	
											LS	624	10000	LS			MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER: GLH
 REVIEWER: DJG 02-28-20
 PROJECT ID: 102934
 SHEET: P.05 TOTAL: 17

ESTIMATED QUANTITIES (01/STR/BR)								
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	SUPER.	GEN.	SEE SHEET
202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN			LUMP	2
202	22900	178	SY	APPROACH SLAB REMOVED			178	
202	23500	316	SY	WEARING COURSE REMOVED		138	178	
503	21101	36	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN	36			2
509	10000	7708	LB	EPOXY COATED REINFORCING STEEL	1977	5731		
510	10000	144	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	144			
511	31610	28	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE		28		
511	45710	12	CY	CLASS QC1 CONCRETE, ABUTMENT	12			
512	10050	52	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	30	22		
515	12030	8	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB17-48, (38'-6" LONG)		8		
516	13600	20	SF	1" PREFORMED EXPANSION JOINT FILLER		20		
516	14020	78	FT	SEM-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	78			
516	31000	64	FT	JOINT SEALER, 705.04			64	
516	43100	32	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (7"x11"x3/4")		32		
517	70000	84.83	FT	RAILING (TWIN STEEL TUBE)		84.83		
518	21200	22	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	22			
SPECIAL	51822300	97	FT	STEEL DRIP STRIP		97		
518	40000	100	FT	6" PERFORATED CORRUGATED PLASTIC PIPE		100		
518	40012	20	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE		20		
519	11100	28	SF	PATCHING CONCRETE STRUCTURE	28			
526	15000	142	SY	REINFORCED CONCRETE APPROACH SLABS (T=13")			142	
526	90010	64	FT	TYPE A INSTALLATION			64	
601	20000	8	SY	CRUSHED AGGREGATE SLOPE PROTECTION			8	

ESTIMATED QUANTITIES
 BRIDGE NO. SEN-19-0197
 OVER SILVER CREEK

SFN
 7400969

DESIGN AGENCY



DESIGNER: GLH
 CHECKER: DJG

REVIEWER: DJG 02-28-20

PROJECT ID: 102934

SUBSET TOTAL: 3 11

SHEET TOTAL: P.09 17