SHEET NUM.														PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.17	P.18	P.88	P.91	P.92	P.94	P.100	P.101	P.467	P.468	P.469	P.470	P.471	Office Calc	01/NHS		EXT	TOTAL			
																			ROADWAY	
LS														LS	201	11000	LS		CLEARING AND GRUBBING	
					1				1					2	202	20010	2	EACH	HEADWALL REMOVED	
													180,780	180,780	202	23000	180,780	SY	PAVEMENT REMOVED	
		176												176	202	30700	176	FT	CONCRETE BARRIER REMOVED	
					266									266	202	35100	266	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
					12									12	202	35200	12	FT	PIPE REMOVED, OVER 24" DIAMETER	
		22,322												22,322	202	38000	22,322	FT	GUARDRAIL REMOVED	
		412												412	202	38300	412	FT	GUARDRAIL REMOVED, BARRIER DESIGN	
		48												48	202	42206	48	EACH	ANCHOR ASSEMBLY REMOVED	
		26												26	202	47000	26	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
		4												4	202	47800	4	EACH	IMPACT ATTENUATOR REMOVED	
					19				1					20	202	58100	20	EACH	CATCH BASIN REMOVED	
					6									6	202	58200	6	EACH	INLET REMOVED	
										328				328	SPECIAL	20270000	328	FT	FILL AND PLUG EXISTING CONDUIT, 27" DIAMETER	P.18
			16,235	3,546						11	10	60		19,862	203	10000	19,862	CY	EXCAVATION	
			2,335	424	3				60	2				2,824	203	20000	2,824	CY	EMBANKMENT	
600														600	204	13000	600	CY	EXCAVATION OF SUBGRADE	
600														600	204	30010	600	CY	GRANULAR MATERIAL, TYPE B	
													7	7	204	45000	7	HOUR	PROOF ROLLING	
													5,870	5,870	206	10500	5,870	TON	CEMENT	
													194,627	194,627	206	11000	194,627	SY	CURING COAT	
													194,627	194,627	206	15020	194,627	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	
		20,400												20,400	606	15050	20,400	FT	GUARDRAIL, TYPE MGS	
		425												425	606	15150	425	FT	GUARDRAIL, TYPE MGS HALF POST SPACING	
		325												325	606	15550	325	FT	GUARDRAIL, BARRIER DESIGN, TYPE MGS	
		23												23	606	26150	23	EACH	ANCHOR ASSEMBLY, MGS TYPE E	P.17
		20												20	606	26550	20	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
		11												11	606	35002	11	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
		6												6	606	35102	6	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
		4												4	606	60012	4	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	P.17
		72												72	622	10160	72	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	
		135												135	622	24001	135	FT	CONCRETE BARRIER, TYPE D, AS PER PLAN	P.464
		2												2	622	25000	2	EACH	CONCRETE BARRIER END SECTION, TYPE D	
		2												2	622	25050	2	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	
																			EROSION CONTROL	
												3		3	601	11000	3	SY	RIPRAP, TYPE D	
						118								118	601	21050	118	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
											4			4	601	32104	4	CY	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC	
					2			5	5	2		2		16	601	32204	16	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
	2													2	659	00100	2	EACH	SOIL ANALYSIS TEST	
	10,481						3,564							14,045	659	00300	14,045	CY	TOPSOIL	
			80,067	14,351										94,418	659	10000	94,418	SY	SEEDING AND MULCHING	
	4,721													4,721	659	14000	4,721	SY	REPAIR SEEDING AND MULCHING	
	4,721													4,721	659	15000	4,721	SY	INTER-SEEDING	
	21.24													21.24	659	20000	21.24	TON	COMMERCIAL FERTILIZER	
	19.51													19.51	659	31000	19.51	ACRE	LIME	
	523													523	659	35000	523	MGAL	WATER	
							32,077							32,077	670	00500	32,077	SY	SLOPE EROSION PROTECTION	
					1,340									1,340	670	00700	1,340	SY	DITCH EROSION PROTECTION	
							LS							LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
							LS							LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
							LS							LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
							350,000							350,000	832	30000	350,000	EACH	EROSION CONTROL	
																			DRAINAGE	
					0.5				0.8	1.1		1		3.4	602	20000	3.4	CY	CONCRETE MASONRY	
						36,992								36,992	605	11110	36,992	FT	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
	50					740								790	605	13410	790	FT	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
						4,661								4,661	605	13500	4,661	FT	6" ROCK CUT UNDERDRAINS	
						77,513								77,513	605	14020	77,513	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
						764								764	611	00510	764	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	

GENERAL SUMMARY

HAS-022-15.11 PAVEMENT RECONSTRUCTION

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 2/26/2026 TIME: 10:33:06 AM USER: TBuniak
pw:\\arcadis-us-pw.bentley.com:arcadis-us-01\Documents\01 Active Projects\30181931400_CAD\401-Engineering_Arcadis\Roadway\Sheets\113440_GG001.dgn

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DESIGNER
TB

REVIEWER
SMG 11-10-25

PROJECT ID
113440

SHEET NUM.														PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.22	P.88	P.94	P.100	P.467	P.468	P.469	P.470	P.471	P.477	P.491	Office Calc			01/NHS						
																			DRAINAGE (CONT.)	
			2,294											2,294	611	00900	2,294	FT	6" CONDUIT, TYPE B	
		118												118	611	04400	118	FT	12" CONDUIT, TYPE B	
		8												8	611	04400	8	FT	12" CONDUIT, TYPE B, 707.24	
		12												12	611	04400	12	FT	12" CONDUIT, TYPE B, 707.33	
		20												20	611	05900	20	FT	15" CONDUIT, TYPE B, 706.02	
		36												36	611	05900	36	FT	15" CONDUIT, TYPE B, 707.33	
		8												8	611	07400	8	FT	18" CONDUIT, TYPE B, 706.02	
		8												8	611	07400	8	FT	18" CONDUIT, TYPE B, 707.33	
		54												54	611	07600	54	FT	18" CONDUIT, TYPE C	
		4												4	611	10400	4	FT	24" CONDUIT, TYPE B, 706.02	
								8						8	611	11900	8	FT	27" CONDUIT, TYPE B, 706.02	
					4									4	611	11900	4	FT	27" CONDUIT, TYPE B, 707.24	
								97						97	611	12100	97	FT	27" CONDUIT, TYPE C	
		4												4	611	13400	4	FT	30" CONDUIT, TYPE B, 706.08	
		8												8	611	13400	8	FT	30" CONDUIT, TYPE B, 706.24	
					8									8	611	16400	8	FT	36" CONDUIT, TYPE B, 707.24	
						328								328	611	96600	328	FT	CONDUIT, BORED OR JACKED, 27" TYPE A, 748.06	P.18
		2			1									3	611	98230	3	EACH	CATCH BASIN, NO. 4	
		18												18	611	98410	18	EACH	CATCH BASIN, NO. 8	
		3												3	611	98711	3	EACH	INLET, NO. 2-6, AS PER PLAN	P.18
		2												2	611	98721	2	EACH	INLET, NO. 2-8, AS PER PLAN	P.18
		1												1	611	98731	1	EACH	INLET, NO. 2-10, AS PER PLAN	P.18
								1						1	611	99574	1	EACH	MANHOLE, NO. 3	
			56											56	611	99710	56	EACH	PRECAST REINFORCED CONCRETE OUTLET	
					241			321						562	899	10000	562	FT	CURED-IN-PLACE PIPE LINER, 27" DIAMETER	
		93												93	899	10000	93	FT	CURED-IN-PLACE PIPE LINER, 30" DIAMETER	
				271	143									414	899	10000	414	FT	CURED-IN-PLACE PIPE LINER, 36" DIAMETER	
							358							358	899	10000	358	FT	CURED-IN-PLACE PIPE LINER, 42" DIAMETER	
																			PAVEMENT	
16,956											8,403			25,359	254	01001	25,359	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN(T= 1.25")	P.22
											22,955			22,955	302	56000	22,955	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
											31,608			31,608	304	20000	31,608	CY	AGGREGATE BASE	
											21,283			21,283	407	10000	21,283	GAL	TACK COAT	
											10,737			10,737	441	00100	10,737	CY	ANTI-SEGREGATION EQUIPMENT	
											7,846			7,846	442	10300	7,846	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)	
											8,746			8,746	442	10080	8,746	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446)	
589														589	442	22100	589	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)	
											72			72	452	13010	72	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
											5,321			5,321	609	71000	5,321	SF	CONCRETE MEDIAN	
											95,509			95,509	618	40800	95,509	FT	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
																			TRAFFIC CONTROL	
									869					869	621	00100	869	EACH	RPM	
	242													242	626	00110	242	EACH	BARRIER REFLECTOR, TYPE 2 (1-WAY)	
										101.2				101.2	630	07500	101.2	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	
										4				4	630	09000	4	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
										4				4	630	84500	4	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
										3				3	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
										4				4	630	86102	4	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
									1					1	646	10200	1	MILE	CENTER LINE	
									263					263	646	10400	263	FT	STOP LINE	
									536					536	646	10600	536	FT	TRANSVERSE/DIAGONAL LINE	
									3,608					3,608	646	10700	3,608	FT	CURB MARKING	
									8					8	646	20300	8	EACH	LANE ARROW	
									18.96					18.96	807	12010	18.96	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"	
									6.87					6.87	807	12110	6.87	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"	
									2,533					2,533	807	12310	2,533	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"	
									4,457					4,457	807	12410	4,457	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"	
									25.83					25.83	850	10010	25.83	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
									4,457					4,457	850	10110	4,457	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
									2,533					2,533	850	10130	2,533	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)	

GENERAL SUMMARY

HAS-022-15.11 PAVEMENT RECONSTRUCTION

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 2/26/2026 TIME: 3:48:45 PM USER: TBuniak
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