


SHEET NUM.							PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
10	12	16	17	18			01/SAF/PV	EXT	TOTAL				
ROADWAY													
							LS	201	11000	LS		CLEARING AND GRUBBING	
	520						7,542	202	23000	7,542	SY	PAVEMENT REMOVED	
			417				417	202	35100	417	FT	PIPE REMOVED, 24" AND UNDER	
			92				92	202	38000	92	FT	GUARDRAIL REMOVED	
			2				2	202	42206	2	EACH	ANCHOR ASSEMBLY REMOVED	
			1				1	202	53100	1	EACH	MAILBOX REMOVED	
							5,719	203	10000	5,719	CY	EXCAVATION	
							4,810	203	20000	4,810	CY	EMBANKMENT	
			411				411	204	10000	411	SY	SUBGRADE COMPACTION	
2							2	204	45000	2	HOUR	PROOF ROLLING	
		316					316	206	10500	316	TON	CEMENT	
		10,467					10,467	206	11000	10,467	SY	CURING COAT	
		10,467					10,467	206	15020	10,467	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	
			112.5				112.5	606	15050	112.5	FT	GUARDRAIL, TYPE MGS	
			1				1	606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016	
			1				1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
							3	623	38500	3	EACH	MONUMENT ASSEMBLY	
EROSION CONTROL													
2							2	659	00100	2	EACH	SOIL ANALYSIS TEST	
1,862				556			2,418	659	00300	2,418	CY	TOPSOIL	
11,796				4,977			16,773	659	10000	16,773	SY	SEEDING AND MULCHING	
839							839	659	14000	839	SY	REPAIR SEEDING AND MULCHING	
839							839	659	15000	839	SY	INTER-SEEDING	
2.34							2.34	659	20000	2.34	TON	COMMERCIAL FERTILIZER	
3.47							3.47	659	31000	3.47	ACRE	LIME	
93							93	659	35000	93	MGAL	WATER	
			5,078				5,078	670	00500	5,078	SY	SLOPE EROSION PROTECTION	
							LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
							LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
							LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
							35,000	832	30000	35,000	EACH	EROSION CONTROL	
DRAINAGE													
			13				13	601	21050	13	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
5							5	601	32200	5	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
			1.7				1.7	602	20000	1.7	CY	CONCRETE MASONRY	
			4,388				4,388	605	06000	4,388	FT	4" BASE PIPE UNDERDRAINS	
			33				33	611	00100	33	FT	4" CONDUIT, TYPE B	
							139	611	00410	139	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	
20							20	611	01800	20	FT	8" CONDUIT, TYPE B	
20							20	611	02500	20	FT	8" CONDUIT, TYPE E	
20							20	611	02600	20	FT	8" CONDUIT, TYPE F	
			76				76	611	04600	76	FT	12" CONDUIT, TYPE C	
							126	611	04900	126	FT	12" CONDUIT, TYPE D	
							44	611	06400	44	FT	15" CONDUIT, TYPE D	
							118	611	13200	118	FT	30" CONDUIT, TYPE A	
							32	611	09400	32	FT	21" CONDUIT, TYPE D	
							2	611	98150	2	EACH	CATCH BASIN, NO. 3	
							7	611	99710	7	EACH	PRECAST REINFORCED CONCRETE OUTLET	
PAVEMENT													
	520						520	254	01000	520	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
	120	1,455					1,575	301	46000	1,575	CY	ASPHALT CONCRETE BASE, PG64-22	
		1,634	82				1,716	304	20000	1,716	CY	AGGREGATE BASE	
		1,167					1,167	407	10000	1,167	GAL	TACK COAT	
							40	407	20000	40	GAL	NON-TRACKING TACK COAT	
	40						120	441	50000	120	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
	120						291	442	10000	291	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
		291					383	442	10100	383	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
		383											

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 JAL
 REVIEWER
 JAH 07/16/21
 PROJECT ID
 110912
 SHEET TOTAL
 14 106

SEN-224-3.64

MODEL: Sheet PAPER: 17x11 (in.) DATE: 4/6/2022 TIME: 9:26:29 AM USER: jahillier
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STATION RANGE	CADD GENERATED AREA	442		407	301	301	304	206		452	
		ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	TACK COAT	ASPHALT CONCRETE BASE, PG64-22, 7"	ASPHALT CONCRETE BASE, PG64-22, 7"	AGGREGATE BASE, 6"	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	CEMENT	CURING COAT	NON-REINFORCED CONCRETE PAVEMENT, MISC. 8" CONCRETE SLAB, STAMPED AND INTEGRALLY STAINED
	SY	CY	CY	GAL	CY	CY	CY	SY	TON	SY	SY
SR 587 SOUTH LEG 421+05.00 TO 54+23.48 "SL"											
SHOULDER SECTION	912.52	38.02	50.70	100.38							
	935.73				90.97						
	970.55			53.38		94.36					
	1005.37						167.56				
CURBED SECTION	1016.98							1016.98	30.70	1016.98	
	835.63	34.82	46.42	137.88	81.24	81.24					
	986.19						164.37				
SPLITTER ISLAND	1016.30							1016.30	30.68	1016.30	
EXTERIOR TRUCK APRON, RT	198.67						13.88	281.94	8.51	281.94	198.67
	75.64						6.07	43.74	1.32	43.74	75.64
SR 587 NORTH LEG 432+13.00 TO 70+10.29 "NR"											
SHOULDER SECTION	849.91	35.41	47.22	93.49							
	871.04				84.68						
	923.87			50.81		89.82					
	934.44						155.74				
CURBED SECTION	945.01							945.01	28.53	945.01	
	754.87	31.45	41.94	124.55	73.39	73.39					
	897.73						149.62				
	926.30							926.30	27.96	926.30	
SPLITTER ISLAND	241.96				13.26		15.16	332.91	10.05	332.91	241.96
EXTERIOR TRUCK APRON, RT	73.50				3.56		5.82	41.89	1.26	41.89	73.50
US 224 EAST LEG 197+09.01 TO 30+11.42 "ER"											
SHOULDER SECTION	582.89	24.29	32.38	64.12							
	618.31				60.11						
	653.73			35.96		63.56					
	639.56						106.59				
CURBED SECTION	646.64							646.64	19.52	646.64	
	776.86	32.37	43.16	128.18	75.53	75.53					
	942.67						157.11				
	975.84							975.84	29.46	975.84	
SPLITTER ISLAND	253.70				13.36		15.27	345.34	10.43	345.34	253.70
EXTERIOR TRUCK APRON, RT	26.50				3.54		5.77	41.56	1.25	41.56	26.50
EXTERIOR TRUCK APRON, LT	37.87				1.67		2.73	19.65	0.59	19.65	37.87
US 224 WEST LEG 186+82.00 TO 14+44.87 "WL"											
SHOULDER SECTION	915.55	38.15	50.86	100.71							
	971.96				94.50						
	1028.38			56.56		99.98					
	1005.81						167.64				
CURBED SECTION	1017.10							1017.10	30.70	1017.10	
	652.77	27.20	36.26	107.71	63.46	63.46					
	787.20						131.20				
	814.09							814.09	24.58	814.09	
SPLITTER ISLAND	249.37				15.51		17.72	355.69	10.74	355.69	249.37
EXTERIOR TRUCK APRON, RT	41.64				3.86		6.31	45.41	1.37	45.41	41.64
EXTERIOR TRUCK APRON, LT	28.46				1.72		2.81	20.22	0.61	20.22	28.46
ROUNDAABOUT	510.26						85.04				510.26
	684.85	28.54	33.29	113.00	66.58	66.58					
	735.54							735.54	22.20	735.54	
	727.09						121.18				
	844.02							844.02	25.48	844.02	
	817.49						136.25				
SUBTOTALS		290.24	382.24	1166.73	746.96	707.92	1633.84	10466.16	315.95	10466.16	1737.56
TOTALS CARRIED TO GENERAL SUMMARY		291	383	1167	1455	1634	10467	316	10467	1738	

PAVEMENT CALCULATIONS

DESIGN AGENCY
fishbeck

DESIGNER
JAL

REVIEWER
JAH 05/13/21

PROJECT ID
110912

SHEET TOTAL
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