

Exercise 1:

Instructions:

1. Create one Microstation quantity sheet using the Quantab program to include each of the 3 pay items listed below.
2. Each pay item should be its own tab in the Excel workbook to guarantee a smooth import to Microstation

8" Non-Reinforced Concrete Pavement:

8" NON-REINFORCED CONCRETE PAVEMENT							
STA.	STA.	LOCATION	LENGTH FEET	WIDTH FEET	AREA SQ. YDS.	4" TYPE 1 AGGR. BASE SQ. YDS.	REMARKS
1368+85.00	1392+80.00	RTE. 94	2395	28	7451.11	8249.44	LOGAN CREEK - NEW ROADWAY PAVEMENT
1367+95.00	1368+85.00	RTE. 94	90	26	260	290	LOGAN CREEK - BEGINNING PAVEMENT TRANSITION
1392+80.00	1393+70.00	RTE. 94	90	26	260	290	LOGAN CREEK - ENDING PAVEMENT TRANSITION
38+90.00	55+10.90	RTE. 94	1621	28	5042.80	5583.10	CEDAR CREEK - NEW ROADWAY PAVEMENT
38+00.00	38+90.00	RTE. 94	90	26	260	290	CEDAR CREEK - BEGINNING PAVEMENT TRANSITION
55+10.90	55+95.90	RTE. 94	85	26	245.56	273.89	CEDAR CREEK - ENDING PAVEMENT TRANSITION
				TOTALS	13519.47	14976.43	
				USE	13519	14976	

Type I Rock Blanket:

TYPE I ROCK BLANKET						
STA.	STA.	LOCATION	FURN. CU. YD.	PLACE CU. YD.	TONS	REMARKS
						*EST. AT 1.6 TONS/ CU. YD.
982+00	984+54.3	LT. & RT. @ RTE. 77	718	718	1148.8	ON SHOULDERS
984+54.3	985+33.2	@ RTE. 77	639	639	1022.4	TYPE I ROCK BLANKET FILL
982+03.6		68.8' RT. @ RTE. 77	11	11	17.6	COLLAR AROUND TREE
982+55.1		27.8' LT. @ RTE. 77	11	11	17.6	COLLAR AROUND TREE
982+56.4		47.2' LT. @ RTE. 77	11	11	17.6	COLLAR AROUND TREE
		TOTALS	1390	1390	2224.0	
				USE	2224	

Bituminous Rumble Strips:

BITUMINOUS RUMBLE STRIPS				
LOG MILE TO LOG MILE		LOCATION	LINEAR FEET	REMARKS
0.087	0.223	RT. & RTE. 77	718.08	RIGHT SHOULDER
0.332	0.680	RT. & RTE. 77	1837.44	RIGHT SHOULDER
0.836	2.481	RT. & RTE. 77	8685.60	RIGHT SHOULDER
		TOTALS	11241.12	
		USE	112.4	