CLI-28/124-4.52/5.47/0.54
PID 102734
EDG Project No. 18-00114-010
Pavement Quantity Calculations - Tracings

Calc by: SAC 05/13/2019
Check by: RMS 05/15/2019, 5/18/2020
Update by: SAC 05/10/2020, 8/21/2020, 8/29/2020

STATION TO	STATION FROM	LENGTH L	AVERAGE WIDTH W	PAVEMENT AREA PA = L x W	PAVEMENT REMOVED, ASPHALT	CURB AND GUTTER REMOVED	SUBGRADE COMPACTION	PAVEMENT PLANING, ASPHALT CONCRETE (1.25" TYP.)	7" ASPHALT CONCRETE BASE, PG64-22	5" ASPHALT CONCRETE BASE, PG64-22	6" AGGREGATE BASE	8" AGGREGATE BASE	NON-TRACKING TACK COAT (MILLED ASPHALT SURFACE) (AVE. RATE = 0.085 GAL/SY)	NON-TRACKING TACK COAT (NEW ASPHALT) (AVE. RATE = 0.055 GAL/SY)	NON-TRACKING ACK COAT (NEW ASPHALT) (AVE. RATE = 0.055 GAL/SY)	1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	COMBINATION CURB AND GUTTER, TYPE 2
				Pavement Legend Number (see Typical Sections) =>	N/A	N/A	8	9	5	6	6		2	2	4	1	3	12
					202	202	204	254	301		304		407			441	441	609
					23010	32500	10000	01000	46000		20000		20000			50000	50300	12000
TO	FROM	FT	FT	SQ FT	SQ YD	FT	SQ YD	SQ YD			CU YD	CU YD	GALLON			CU YD	CU YD	FT
					PA / 9	L	PA + [L x (#) x (## sides)] / 9	PA / 9	7 x {PA + [L x (#) x (## sides)]} / (12 x 27)	5 x {PA + [L x (#) x (## sides)]} / (12 x 27)	6 x {PA + [L x (#) x (## sides)]} / (12 x 27)	8 x PA / (12 x 27)	(0.085 x PA) / 9	(0.055 x PA) / 9	(0.055 x PA) / 9	(1.25 x PA) / (12 x 27)	(1.75 x PA) / (12 x 27)	L
				See notes below for explanation =>			(1)		(2)	(2)	(3)	(8)	(4)	(5)	(5)			
CLI-28-0452																		
			(CADD)				# = (18 / 12), ## = 2		# = (4 / 12), ## = 2		# = (10 / 12), ## = 2							
155+37.00	155+49.00	12.00	42.50	510.00				56.67					4.82			1.97		
155+49.00	155+90.00	41.00	30.47	1249.27	138.81		152.47		27.58		24.40			7.63	7.63	4.82	6.75	
155+90.00	156+00.00	10.00	25.91	259.10				28.79					2.45			1.00		
(DRIVEWAY, RT)			(CADD)															
153+94.00	154+18.00	24.00	7.32	175.68	19.52							4.34						
CLI-28-0547 (6)																		
			(CADD)															
288+35.00	289+07.00	72.00	42.21	3039.12				337.68					28.70			11.73		
		(CADD)		(CADD)			# = (18 / 12), ## = 1		# = (30 / 12), ## = 1		# = (30 / 12), ## = 1							
SE QUADRANT		12.00		65.30	7.26	12.00	9.26		2.06		1.76			0.40	0.40	0.25	0.35	12.00
CLI-124-0054																		
			(CADD) (7)				# = (18 / 12), ## = 2			# = (4 / 12), ## = 2	# = (10 / 12), ## = 2							
6+31.00	6+46.00	15.00	25.09	376.35				41.82					3.55			1.45		
6+46.00	6+89.00	43.00	23.42	1007.06	111.90		126.23			15.98	19.98			6.15	6.15	3.89	5.44	
6+89.00	7+06.00	17.00	25.00	425.00				47.22					4.01			1.64		
SUBTOTALS					277.49	12.00	287.96	512.18	29.64	15.98	46.14	4.34	43.53	14.18	14.18	26.75	12.54	12.00
TOTALS CARRIED TO GENERAL SUMMARY					**277**	**12**	**288**	**512**	**46**		**50**		**72**			**27**	**13**	**12**

Notes: (CADD) Indicates length or area as measured graphically from the computer design drawing.
(1) As per CMS 204.03: include 18" beyond the edge of surface pavement.
(2) For non-curbed sections, include for 4" step at each side of pavement.
(3) For non-curbed sections, include for 10" step at each side of pavement.
(4) "Milled Asphalt Surface" rate for planed pavement surface only.
(5) "New Asphalt" rate for new asphalt pavement only.
(6) Removal and replacement of pavement over the culvert repair areas are included in the cost of the culvert repairs per Item 519 plan note. No separate quantities for these area are provided.
(7) Includes area of driveways (planed and resurfaced) and mailbox turnouts (full depth pavement).
(8) Remove and replace existing gravel driveway pavement disturbed by storm pipe installation. For residential driveway, replace with 8" of aggregate pavement.