Made By	EA	Date	10/20/2020	Job No.	P402190038
Checked By	ZTW	Date	2/19/2021	Sheet No.	
Calculations For:	***MP 172.9 SR 21 Quantity Calculations***				

Item 203 - Embankment, as per plan

Rear Abutment

	Left Side Adjacent to App. Slab	Right Side Adjacent to App. Slab	Left Side Cone	Center in Front of Abutment	Right Side Cone	Beneath Footing	
Area	607	786	997	2868	1110	286.4	SF
Height	7.84	9.03	7.25	7.05	7.25	10	FT
Volume	4757.87	7097.58	7228.25	20219.40	8047.50	2864.06	CF
Total	50214.66						CF

Forward Abutment

	Left Side Adjacent to App. Slab	Right Side Adjacent to App. Slab	Left Side Cone	Center in Front of Abutment	Right Side Cone	Beneath Footing	
Area	584	740	1356	3611	1146	285.5	SF
Height	10.01	8.32	7.7	7.5	7.7	11	FT
Volume	5845.84	6154.95	10441.20	27082.50	8824.20	3140.50	CF
Total	61489.19						CF

Volume **4140** CY