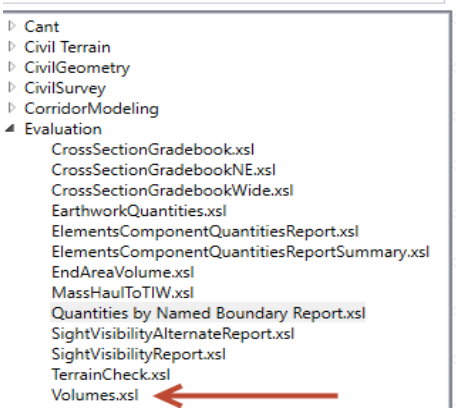
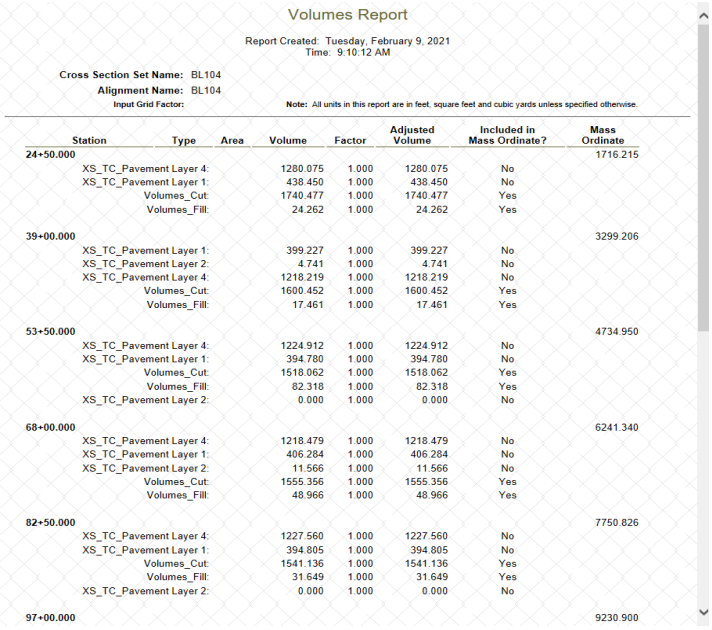
Instructions:

1. Add cut and fill volumes to the corridor
2. Run Quantities by Named boundary report and save file in excel format.
3. Select the volumes report



4. The report should be in the following format:



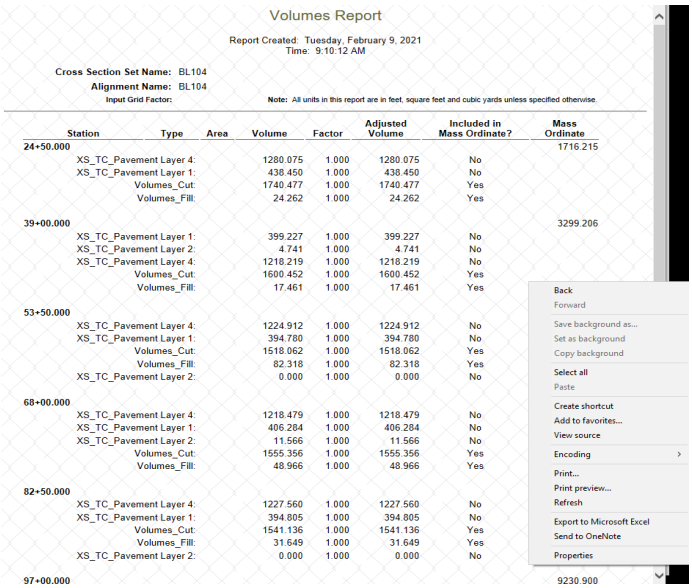
Volumes Report

Report Created: Tuesday, February 9, 2021
Time: 9:10:12 AM

Cross Section Set Name: BL104
Alignment Name: BL104
Input Grid Factor:
Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
24+50.000							1716.215
	XS_TC_Pavement Layer 4:		1280.075	1.000	1280.075	No	
	XS_TC_Pavement Layer 1:		438.450	1.000	438.450	No	
	Volumes_Cut:		1740.477	1.000	1740.477	Yes	
	Volumes_Fill:		24.262	1.000	24.262	Yes	
39+00.000							3299.206
	XS_TC_Pavement Layer 1:		399.227	1.000	399.227	No	
	XS_TC_Pavement Layer 2:		4.741	1.000	4.741	No	
	XS_TC_Pavement Layer 4:		1218.219	1.000	1218.219	No	
	Volumes_Cut:		1600.452	1.000	1600.452	Yes	
	Volumes_Fill:		17.461	1.000	17.461	Yes	
53+50.000							4734.950
	XS_TC_Pavement Layer 4:		1224.912	1.000	1224.912	No	
	XS_TC_Pavement Layer 1:		394.780	1.000	394.780	No	
	Volumes_Cut:		1518.062	1.000	1518.062	Yes	
	Volumes_Fill:		82.318	1.000	82.318	Yes	
	XS_TC_Pavement Layer 2:		0.000	1.000	0.000	No	
68+00.000							6241.340
	XS_TC_Pavement Layer 4:		1218.479	1.000	1218.479	No	
	XS_TC_Pavement Layer 1:		406.284	1.000	406.284	No	
	XS_TC_Pavement Layer 2:		11.566	1.000	11.566	No	
	Volumes_Cut:		1555.356	1.000	1555.356	Yes	
	Volumes_Fill:		48.966	1.000	48.966	Yes	
82+50.000							7750.826
	XS_TC_Pavement Layer 4:		1227.560	1.000	1227.560	No	
	XS_TC_Pavement Layer 1:		394.805	1.000	394.805	No	
	Volumes_Cut:		1541.136	1.000	1541.136	Yes	
	Volumes_Fill:		31.649	1.000	31.649	Yes	
	XS_TC_Pavement Layer 2:		0.000	1.000	0.000	No	
97+00.000							9230.900

5. Right click on the report in ORD and select Export to Excel



Volumes Report

Report Created: Tuesday, February 9, 2021
Time: 9:10:12 AM

Cross Section Set Name: BL104
Alignment Name: BL104
Input Grid Factor:

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
24+50.000							1716.215
	XS_TC_Pavement Layer 4:		1280.075	1.000	1280.075	No	
	XS_TC_Pavement Layer 1:		438.450	1.000	438.450	No	
	Volumes_Cut:		1740.477	1.000	1740.477	Yes	
	Volumes_Fill:		24.262	1.000	24.262	Yes	
39+00.000							3299.206
	XS_TC_Pavement Layer 1:		399.227	1.000	399.227	No	
	XS_TC_Pavement Layer 2:		4.741	1.000	4.741	No	
	XS_TC_Pavement Layer 4:		1218.219	1.000	1218.219	No	
	Volumes_Cut:		1600.452	1.000	1600.452	Yes	
	Volumes_Fill:		17.461	1.000	17.461	Yes	
53+50.000							
	XS_TC_Pavement Layer 4:		1224.912	1.000	1224.912	No	
	XS_TC_Pavement Layer 1:		394.780	1.000	394.780	No	
	Volumes_Cut:		1518.062	1.000	1518.062	Yes	
	Volumes_Fill:		82.318	1.000	82.318	Yes	
	XS_TC_Pavement Layer 2:		0.000	1.000	0.000	No	
68+00.000							
	XS_TC_Pavement Layer 4:		1218.479	1.000	1218.479	No	
	XS_TC_Pavement Layer 1:		406.284	1.000	406.284	No	
	XS_TC_Pavement Layer 2:		11.566	1.000	11.566	No	
	Volumes_Cut:		1555.356	1.000	1555.356	Yes	
	Volumes_Fill:		48.966	1.000	48.966	Yes	
82+50.000							
	XS_TC_Pavement Layer 4:		1227.560	1.000	1227.560	No	
	XS_TC_Pavement Layer 1:		394.805	1.000	394.805	No	
	Volumes_Cut:		1541.136	1.000	1541.136	Yes	
	Volumes_Fill:		31.649	1.000	31.649	Yes	
	XS_TC_Pavement Layer 2:		0.000	1.000	0.000	No	
97+00.000							9230.900

6. Select entire sheet in the volumes excel spreadsheet. (CTRL-A or select the select all button)
7. Paste data in the quantities report tab in the grading summary spreadsheet.
8. **Select the rows that contain the whole project totals and cut and paste to the Totals - QA_QC tab.**
9. Go to the "Manual Inputs" page and click on the "Click Here to Format Worksheet" button.

10. Input layer thickness and types, existing pavement thickness, and whether cutbacks or emulsion are being used. **[EDIT all yellow cells in the Manual Input Tab.]**
11. For major secondary roads use the secondary report tabs.