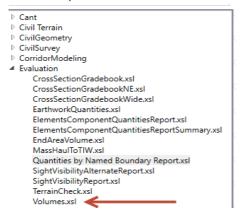
## Instructions:

- 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:

Report Created: Tuesday, February 9, 2021 Time: 9:10:12 AM									
Cross Section Set Name: BL104									
Alignment Name: BL104									
Input Grid Factor:	Note: All u	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	Volume	Tactor	Volume	mass Ordinater	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					

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

		Re	port Created: Time	Tuesday, Fe : 9:10:12 A					
Cross Section Set	Name: BL10	14							
Alignment	Name: BL10	14							
Input Grid Factor:		Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.							
Station	Туре	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate		
24+50.000		$\overline{}$					1716.215		
XS TC Pavement Layer 4:		1280.075	1.000	1280.075	No				
XS_TC_Paven	ent Layer 1:		438.450	1.000	438.450	No			
Volumes_Cut:			1740.477	1.000	1740.477	Yes			
	olumes_Fill:		24.262	1.000	24.262	Yes			
39+00.000							3299.206		
XS TC Paven	ent Layer 1:		399.227	1.000	399.227	No			
XS_TC_Paven	ent Layer 2:		4.741	1.000	4.741	No			
XS_TC_Paven	XS_TC_Pavement Layer 4:		1218.219	1.000	1218.219	No.			
Volumes_Cut:			1600.452	1.000	1600.452	Yes			
	olumes_Fill:		17.461	1.000	17.461	Yes	Back		
53+50.000							Forward		
XS TC Paven	ent Laver 4:		1224.912	1.000	1224.912	No No	Save background as		
XS TC Paven			394.780	1.000	394.780	No.	Set as background		
	olumes Cut:		1518.062	1.000	1518.062	Yes	Copy background		
	olumes Fill:		82.318	1.000	82.318	Yes			
XS_TC_Pavement Layer 2:			0.000	1.000	0.000	No	Select all		
							Paste		
68+00.000							Create shortcut		
XS_TC_Paven			1218.479	1.000	1218.479	No	Add to favorites		
XS_TC_Paven			406.284	1.000	406.284	No	View source		
XS_TC_Paven			11.566	1.000	11.566	No			
	olumes_Cut:		1555.356	1.000	1555.356	Yes	Encoding		
$\times \times \times \times \times$	olumes_Fill:		48.966	1.000	48.966	Yes	Print		
00 50 000							Print preview		
82+50.000 XS TC Paven	ant Louis du		1227.560	1.000	1227 560	No	Refresh		
XS_TC_Paven			394 805	1.000	394 805	No No			
	olumes Cut:		1541.136	1.000	1541.136	Yes	Export to Microsoft Excel		
	olumes_Cut		31 649	1 000	31 649	Yes	Send to OneNote		
XS TC Paven			0.000	1.000	0.000	No.	Properties		

- 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.