Appendix B

U.S. DEPARTMENT OF FEDERAL HIGHWAY ADN Western Federal Lands Hi 610 E. 5th St. Vancouver, V FP-03 109.02(b)(2)

Project Name: Project Number:

ARTMENT OF TRANSPORTATION HIGHWAY ADMINISTRATION ederal Lands Highway Division St. Vancouver, Washington 98661	Date Stamp
ect Name:	Copy Stamp
Number:	
Date:	
Hauling Vehicle Volume Certification	
Number:	

	Own	er:														
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al sheets	if necessa	ary.						e						Uni	t of Me	easur
al sheets	if necessa	ary.													Uni	Unit of Me

the above listed vehicle will be paid for at the above measured volume. Both parties agree to the following condition: Western Federal Lands Highway Division has the right to reduce the volume accordingly, for trucks which are not loaded to the agreed upon volume.

For the Contractor	
Company Name	
Signature	
Print	
Title	
Date	

For Western Fe	ederal Lands Highway Division	
Computed By	Date	
Approved		
Signature		
Title		
Date		

U.S. DEPARTMENT OF TRANSPORTATION

U.S. DEPARTMENT OF TRANSPOR FEDERAL HIGHWAY ADMINISTRATION Western Federal Lands Highway Division 610 E. 5 th St. Vancouver, Washington 98 FP-03 109.02(b)(2)	N n	Date Stamp
Project Name:		Copy Stamp
Drainat Number.		
Hauling Vehicle Vol	lume Certification	
Truck Number:	_	
Measurements & Calculations*:		
Attach additional sheets if necessary.	Measured Volume	Unit of Measure
t is mutually agree to by	and Western Fed	deral Lands Highway Division,
the above listed vehicle will be paid for at the above		
Both parties agree to the following condition: West for trucks which are not loaded to the agreed upon	tern Federal Lands Highway Division has the r volume.	ight to reduce the volume accordingly,

For the Contractor	
Company Name	
Signature	
Print	
Title	
Date	

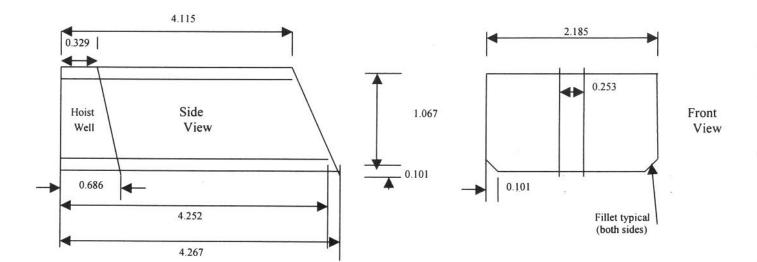
For Western Federal Lands Highway Division					
Computed By	Date				
Approved					
Signature					
Title					
Date					

Truck Measurement Example

Truck No. ? (tractor) Trailer No. ? (belly dump) License No. XXXXXXX

Project Name

XXXXXXXXXXXX Project Number XX XXX XXXX (X)



(dimensions are meters unless otherwise noted)

Volume

$$\frac{4.115 + 4.267}{2} \times 2.185 \times 1.067 = 9.771$$

Less Hoist Well

$$\frac{0.686 + 0.329}{2}$$
 x 0.253 x 1.067 = -0.137 (minus)

Less Fillets

$$\frac{0.101 \times 0.101}{2} \times \frac{4.252 + 4.267}{2} \times 2 = \frac{-0.043}{2}$$
 (minus)

Total Volume 9.591 m³

NOTE

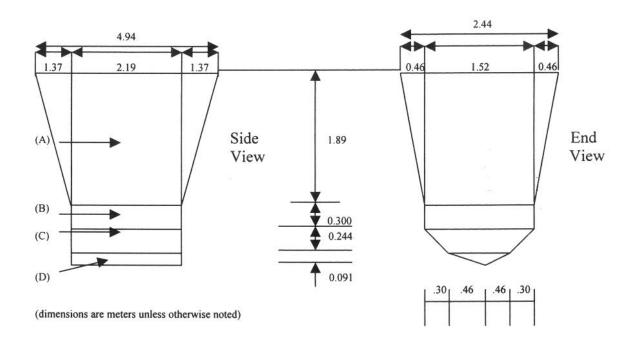
The above computations are for illustration only, and not necessarily part of survey notes. However, to ensure measurements are adequate, the surveyor might make at least rough computations for complicated shapes.

Composed By:	Checked By:
•	

Truck Measurement Example

Truck No. ? (tractor) Trailer No. ? (belly dump) **Project Name**

XXXXXXXXXXXX Project Number XX XXX XXXX (X)



Volume (A) (Use prismoidal formula, $V = \underline{\underline{h}} (A_1 + (4A_m + A_2))$

$$h = 1.89$$

$$A_1 = 4.94 \times 2.44 = 12.05$$

$$A_2 = 2.19 \times 1.52 = 3.33$$

$$A_1 = 4.94 \times 2.44 = 12.05$$
 $A_2 = 2.19 \times 1.52 = 3.33$ $A_m = (4.94 + 2.19) \times (2.44 + 1.52) = 7.07$

$$V = 1.89 (12.05 + (4 \times 7.07) + 3.33) = 13.753$$

Volume (B)

$$V = 2.19 \times 1.52 \times 0.30$$

Volume (C)

$$V = 2.19 \times \frac{1.52 + 0.92}{2} \times 0.244 = 0.652$$

Volume (D)

$$V = 2.19 \times \underline{0.92} \times 0.091 = \underline{0.092}$$

 $= 15.496 \text{ m}^3$ **Total Volume**

Composed By:

Checked By: _____