

Project

Beartooth Highway

Sheet

4
of 7

Detail

STA 102+00 to 107 Roadway Conc. Volume

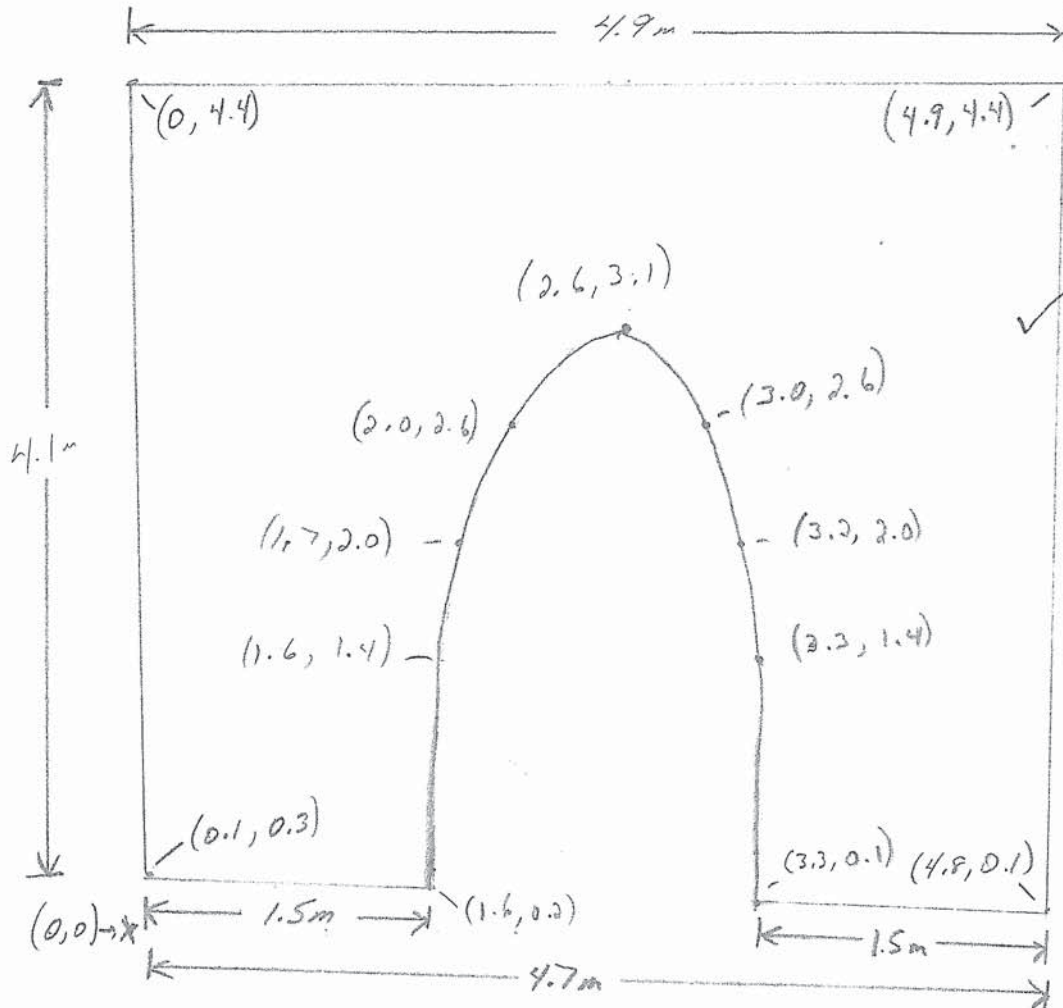
9/4/08

200m

Project No. 60101

By T. Erickson

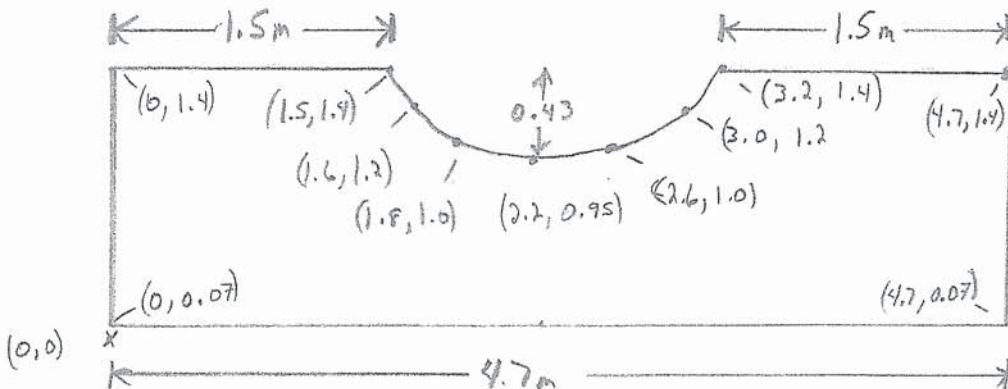
SLOPE SECTION



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$$\begin{array}{r} 20.16 \text{ m}^2 \\ - 4.09 \text{ m}^2 \\ \hline 16.07 \text{ m}^2 \end{array}$$

FACE SECTION



$$\begin{array}{r} 6.25 \text{ m}^2 \\ - 0.55 \text{ m}^2 \\ \hline 5.7 \text{ m}^2 \end{array}$$

$$21.77 \times 0.15 = 3.27 \text{ m}^3$$

$$(16.07 \text{ m}^2 + 5.7 \text{ m}^2) \times 0.2 \text{ m} = 4.35 \text{ m}^3$$

STA 102+087 Culvert Concrete Headwall
Pipe in Slope Section Area to Subtract

Irregular Polygon Area Calculator - Microsoft Internet Explorer

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http://www.anlyzmath.com/Geometry_calculators/irregular_polygon_area.ht

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Area = 4.085

x	y
1.6	0.2
1.6	1.4
1.7	2.0
2.0	2.6
2.6	3.1
3.0	2.6
3.2	2.0
3.3	1.4
3.3	0.1

Enter

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Author - e-mail

Updated: 25 November 2007 (A Dendane)

Applet: Irregular_Polygons_Areas started

Internet

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http://www.analyzemath.com/Geometry_calculators/irregular_polygon_area.ht

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x	y
1.5	1.4
1.6	1.2
1.8	1
2.2	0.95
2.6	1
3.0	1.2
3.2	1.4

n = 7

Area = 0.55

Enter

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