

## Product Evaluation

### RE: Review of DDS Sound Attenuation Wall

#### **PRODUCT**

DDS Sound Attenuation Wall is a Sound Attenuation Wall manufactured and supplied in Alberta by DDS Consulting Ltd. located in Calgary, AB. Website: [www.ddsconsulting.ca](http://www.ddsconsulting.ca)

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

DDS Sound Attenuation Walls acts as an effective sound barriers.

##### **DESCRIPTION**

DDS Sound Attenuation Walls are precast concrete with an aesthetic textured finish.

##### **POTENTIAL USAGE**

Noise barrier Walls along the highways

##### **STANDARDS**

Sound Attenuation Walls are designed to the required design codes

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Alberta Transportation has used this product in some of its projects.

##### **APPLICABLE STANDARDS**

Alberta Transportation have no specifications for sound attenuation.

##### **RECOMMENDATIONS**

DDS Sound Attenuation Wall be listed as a Trial Product under Alberta Transportation Products List, Sound Attenuation Wall Systems – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

##### **RESTRICTIONS ON USE**

Caveat: A site-specific structural design based on geotechnical information and concrete requirements shall be performed for each individual project and application.

Design drawings and construction specifications shall be sealed and signed by a Professional Engineer registered in Alberta.

Sound Attenuation Wall System must be outside Clear zone.

#### **TRIAL PROJECTS**

Contract 15519 Along Deerfoot Trail by Arbour Subdivision  
Contract 17063 Along Deerfoot Trail by Inverness Subdivision  
Stoney Trail SE Noise barrier Walls

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