See the web site: http://www.addot.state.nd.us/Pages/environment.asp
- November 2005 Noise Report
- November 30, 2005 Public Meeting Presentation
- July 15, 2010 Noise Report Addendum
- August 25, 2010 Public Meeting Presentation

Wall Length = 2,701'
Average Wall Height = 10.87'
Wall Area = 335,116 sq.ft.
Wall Cost = $3,080,542 ($9.39 per sq.ft.)
Benefitted Receptor = 69
Cost Responsability = $13,077 per benefitted receptor

Impacted Receptor:
Year 2005 noise level approaches or exceeds SDOT standard of 97 dBA.

Benefitted Receptor:
Noise wall provides minimum 10 dBA of noise reduction with year 2005 traffic conditions.

Southwest Barrier Layout
August 26, 2010 Public Meeting Handout
I-29 Noise Analysis
Sioux Falls, South Dakota

Legend
- Noise Wall
- Receptor Locations
- Impacted Receptor
- Benefitted Receptor

South End

40th Street

58th Street

67th Street

Victoria Drive

St. James Drive

Looking North from 57th Street

Approximate noise barrier location (at R.D.W.)

Proposed 10' shoulder

Proposed 12' auxiliary lane

I-29 NEI

I-29 SB

Proposed 10' shoulder

Proposed 12' auxiliary lane

Looking South from 44th Street

Approximate noise barrier location (at R.D.W.)

Proposed 10' shoulder

Proposed 12' auxiliary lane

I-29 NB

I-29 SB

Noises Barrier Profile

Segment A  Segment B  Segment C  Segment D  Segment E

330' 799' 12' 10' 10'

433' 253'
See the web site: http://www.dot.state.sd.us/129noise/environmental

For:
- November 2005 Noise Report
- November 30, 2006 Public Meeting Presentation
- July 19, 2006 Noise Report Addendum
- August 26, 2010 Public Meeting Presentation

Wall Length = 665'
Average Wall Height = 16.6'1
Wall Area = 10,866 sq. ft.
Wall Cost = $329,283 (at $31 per sq. ft.)
Benefitted Receptors = 23
Cost Reimbursement = $13,726 per benefitted receptor

Imposed Receptor:
Year 2005 noise level approaches or exceeds SD DOT standard of 67 dBA.

Benefitted Receptor:
Noise wall provides minimum 5 dBA of noise reduction with year 2030 traffic conditions.