

RETAINING WALL

ROADWAY SECTION

DES

TO: Region Engineers
Region Project Development Managers
Region Location Project Managers
Roadway Design Supervisor
Environmental Section Manager
Preliminary Design Supervisor

INTEROFFICE
MEMO

DATE: April 8, 1992

FROM: Jack Sullivan, PE *JS*
Roadway Engineer

SUBJECT: Soundwall Placement Guidelines

After evaluating several constructed soundwalls, Roadway Section staff is recommending a minimum distance between the edge of the roadway and the face of the wall in order to achieve visual balance between the vertical mass of the wall and the horizontal plane of the roadway.

To meet the visual requirement, the recommended minimum distance between the edge of pavement or curb and the soundwall should be 1-1/2 times the wall height. Additional distance to accommodate utilities and signing may be necessary. Of course the absolute minimum distance shall be the clear zone as determined in the Roadway Design Guide.

The appropriate level of landscaping within this visual transition zone should be identified and evaluated as part of the visual assessment during Phase 1 Location and preparation of the environmental document.

Early decisions on these issues will provide a better end product and fewer changes later in the project development process.

JS:BG:jr

cc: Merle Anderson
Steve Lindland
June Carlson
Bill Geibel
Tom Edwards

REFERRED TO

Cuno King Ander
 Wheeler Harris
 Street Gustafson

Return Discuss Do File Reply Due

By ROADWAY DESIGN SUPERVISOR

Copies To Team Leaders & Designers.





STATE OF OREGON
ROAD DESIGN SECTION

INTEROFFICE MEMO
DES 23-5

TO: DESIGNERS

FROM: 
Donald R. Adams
Final Design Engineer

SUBJECT: Retaining Wall Profiles

DATE: June 20, 1984

It has come to my attention that some of the contract projects are being awarded without profile information on retaining walls. It is important for contractors to have some notion as to the configuration of a retaining wall -- how it varies in height and how the ground line, in relation to the retaining wall, may affect the construction techniques in building the wall.

It is my intent to have all projects leave Final Design with either a profile of the retaining wall contained in the final design plans or on the bridge drawings for the retaining wall.

Please assure that these profiles are contained in the construction plans.

DRA:ja

cc Walt Hart
Steve Macnab