

Impact Attenuator requests shall include the following:

1. Design speed/Posted speed for temporary M.O.T. designs.*
2. Propose location of the required attenuator, profile, and cross-section sheets with structure clearly located.
3. UPC Number.

The Road Designer shall furnish the Standards/Special Design Section any additional data or information necessary for the design and preparation of the special design drawings. Special Design drawings must be in sufficient detail to construct the item and contain the basis of payment, reference to specifications and materials required for construction. Special design drawings normally follow the typical section sheets in the plan assembly.

Sound Barrier Wall requirements for location and profile elevations are determined by the Environmental Division who will provide the roadway designer with the requirements. The roadway designer will coordinate with the Environmental Division and include horizontal locations and profiles of the walls in the roadway plans and cross sections. When sound barrier wall locations are determined, the roadway designer will immediately request foundation data from the Materials Division. A Boring Log Data Sheet is required for all projects having retaining walls and sound barrier walls whenever boring log data is available. Boring Log Data Sheet (in MicroStation format) will be furnished to the project designer by the Materials Division. The District Material Section will prepare these sheets or they will forward a request to the Geologist Supervisor at Elko. The project contractor is responsible for the design and construction of the wall based on Special Provisions. These Special Provisions contain design and construction requirements, which become part of the roadway project specifications.

The request for special provisions should have the following information:

“Subject: Order No: A12 Project No. U000-1000-101, C501, AD Feb 2016, UPC No. XXXX PS&E-YES”.

Special Provisions for sound barrier walls (designed by VDOT) are prepared by the Construction Division. The Lead Design Engineer will request the Noise Section of Environmental Division to provide the Construction Division with a suggested draft of the provisions.

When sound barrier walls are designed by a consultant, the Engineering Development and Project Management Section will advise the consultant to contact the Noise Section of Environmental Division for input and direction prior to initiating the development of Special Provisions. When the Noise Section of Environmental Division is made aware of the need for a Special Provision, it will coordinate with the Construction Division and provide Engineering Development and Project Management a suggested draft of the provisions.

* Rev. 1/15