

Memorandum 9C.1

To: Lisa Cornutt and Anna Henson, Oregon Department of Transportation, Region 3
From: Marc Butorac, PE, PTOE, PMP
Date: January 2, 2017
Subject: **Initial Phase 2 Scope Items to Consider During Seismic Modeling**

The purpose of this memorandum is to identify initial Phase 2 Scope Items that could be conducted in parallel to the ongoing seismic modeling work as part of the I-5 Medford Viaduct Planning & Environmental Study. These items have been identified by the consultant team as additional work items that can assist the project team in better understanding the physical and environmental considerations of the project, provide independent utility (not likely to result in throwaway deliverables) for moving the project forward, and ultimately inform and allow ODOT and FHWA to select the appropriate NEPA designation in the future.

The following list of potential initial Phase 2 scope items have been developed to allow ODOT the ability to assess which, if any, items they would like to move forward with over the next 4 to 6 months while *Task 1.12 –Seismic Modeling of Retrofit Concepts* is being completed by the consultant team. Please note that this list is not prioritized in any manner, but intended to just organize potential items to be included into a future Work Order Contract Amendment should ODOT deem it appropriate.

- 2.1 Viaduct Topographical and Right-of-way Survey – This task would provide an existing conditions survey allowing more accurate mapping of existing right-of-way, property ownership, and other utility and gradient features in the vicinity of the viaduct.
- 2.2 Noise Modeling of Existing Conditions – This task would provide baseline noise information for future alternatives to be assessed against.
- 2.3 Section 106 (Historic and Cultural Resources) – This task would provide the opportunity to develop an existing conditions database/map of cultural features and set the Area of Potential Effect (APE) for these resources
- 2.4 Environmental Justice (EJ) – This task would provide baseline social and economic data to help in the discovery of potential EJ populations. It would also be quite helpful to develop a detailed social and economic profile of the people occupying the trailers at the south end of the viaduct.
- 2.5 Section 4(f)/6(f) – This task would develop baseline information about current uses of the 4(f) resources (Hawthorne Park and Bear Creek Greenway). Identification, if possible, of the 6(f) properties along Bear Creek (although the default position maybe that we consider all the property in and along Bear Creek to be a 6(f) resource).

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- 2.6 Endangered Species Act (ESA) – This task would collect and develop baseline ESA conditions information.

We would request the PMT to review this list of initial Phase 2 tasks and determine which of the identified tasks above, or others should be scoped and completed in parallel with the ongoing seismic modeling efforts.