August 7, 202#

Mr. Michael Collins State Bridge Engineer

Colorado Department of Transportation 2829 W. Howard Pl., Room 305

Denver, CO 80204

***Re: Risk Recognition for Variance Request* - *The proposed design of XXXX bridge rail on the new construction associated with XXXX project***

Dear Mr. Collins,

We have evaluated the proposed details and design of this project in regards to the proposed Bridge Rail and transitions. We accept this design as being sufficient based on its capacity to withstand the anticipated MASH loading and safety needs in this location. The requirements for this bridge/area is TL# based on the ADT of \_\_ and speed limit of \_\_MPH. The test level of the proposed bridge rail is TL-# based on Crash Testing/FHWA acceptance letter/Similarity Analysis to XXX’s bridge rail/Professional Evaluation/FEM analysis/AASHTO Chapter 13 analysis. The test level of the transition is TL-#. The attesting documents are attached herewith or with the variance request. We understand this design does not meet the current standards of CDOT in regards to MASH safety level and details but it does meet the MASH requirements and standards of the city/county for this location. Please accept the project’s variance request.

Please do not hesitate to contact XXX, if you have any further questions or need additional information.

Very truly yours,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City/County Representative

Cc Andy Pott (Senior Engineer Design & Construction)– [Andrew.Pott@state.co.us](mailto:Andrew.Pott@state.co.us)

CDOT Project RE

Regional Local Agency Coordinator

Regional Staff Bridge Unit Leader

Hoang Bui, Steve Yip (Bridge Rail SMEs)