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cc: Katy Walton/D09/Caltrans/CAGov@DOT, Matthew Goike/D09/Caltrans/CAGov@DOT, Brad Mettam/D09/Caltrans/CAGov@DOT  
Subject: Risk Analysis of SRs 127 & 178

SRs 127 & 178 are being considered as possible Low - level Radioactive Waste (LLW) shipment routes to Nevada Test Site (NTS). The Planning Division is in the process of gathering information about SR 127 (PM 0.000 to 49.420) and SR 178 (PM 42.920 to 62.186) for risk analysis. We will provide the risk analysis to Western Governors Association (WGA) meeting in the first week of October. The following factors and information are needed for evaluation:

**A. Roadway Conditions:**

1. Highway Capacity rating
2. Number of travel lanes
3. Width of travel lanes
4. Width of emergency parking lanes
5. Left and right turn lanes
6. Divided highway segments, with and without medians
7. General pavement conditions
8. Weight and size restrictions which would affect a legal truck (US DOT standards)
9. Steep grades and sharp curves

**B. Traffic and Safety Conditions**

1. Latest traffic counts by vehicle classifications
2. Accident statistics for the past three years, noting types of accidents
3. Seasonal weather conditions and months these are likely to affect commercial truck operations, i.e. flash floods. snow and ice.
4. Proposed construction activities (State/regional TIP) which would result in lane closures.

**C. Special Operating Conditions**

1. State restriction of a route for use for hazardous material shipments.
2. Time of day or week restrictions on hazardous material shipments.
3. Dates or special events which would cause significant traffic congestion problems.
4. Tourist and special commuter conditions.

**D. Vehicle Operating Considerations**

1. Driver services , i.e. fuel, food, repair and rest facilities
2. Communications dead spots (satellites and FM radio)
3. Emergency response and recovery services.

**E. Other Factors**

1. Residential development within a half mile of the roadway
2. Schools, hospitals, convention and large meeting facilities
3. Other factors affecting the normal operation of a combination commercial vehicle (legal weight factor - trailer combination).

Your input / comment on the above list of factors and information is greatly appreciated. You also can provide additional information which may help us in the assessment of SRs 127 & 178. Please submit your input / comment by **August 16, 1999**. You can call me ( ext-644 ) or Matthew Goike ( ext-786 ) if you have any question.