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MEMORANDUM

Date: 2/6/08

To: David Fern

From: Peter Kandarlis

Re: MAG Case 08-05 – Comments on Hazard Markers & Safety Posts

- There are no differences between safety post Types 1 & 2 except for height (MAG 42", Mesa 72"). Combine into a single detail and request that City of Mesa delete their safety post detail from M-62.4. Including wording from Mesa detail Note 8 that references their height for the specific use noted on the detail.
- The committee should discuss and arrive at a preferred safety post height. 36" to 42" are more typical heights by various agencies. Unified Facility Guide Specification and the Access Board only recommend a minimum 30" height for posts or bollards. AASHTO only recommends set backs, but no heights. Review of a number of agency specifications indicate that 36" high safety posts are typically used for access control and either 36" to 42" high safety posts are typically used for protecting structures (such as trash receptacles).
- Recommend excluding placement requirements for hazard markers. MAG details in this section define types and dimensions of features, not how or where they are used (unless there are regulatory requirements for use such as survey markers). The proposed additions require use of markers on raised objects and around down guys – not a generally accepted practice nor required by regulations. Agencies always retain the option to use safety posts, hazard markers, barricades, etc. where appropriate without a detail requiring specific placement in the MAG documents. SRP suggests that Chandler Details C-101 & C-102 be incorporated in the MAG details, but hat the City of Chandler retain their detail C-100 since this defines their preferred use of markers in their municipality.