1. The guardrail transition shown is a wash test level 2 transition.
2. Use the transition on highways where the posted speed limit is 40 mph or less and where a semi-rigid guardrail, such as 3" W-beam guardrail, joins a rigid barrier, such as a bridge rail, bridge parapet, or concrete barrier.
3. Provide barrier hardware as shown and as specified in the publication "A Guide to Standard Highway Barrier Hardware." Where the guide and plan conflict, provide hardware components as shown on the plans.
4. Use timber or polyethylene blockouts with wide-flange posts. Use timber blockouts with timber posts.
5. Nail timber blockouts to timber posts to restrict block rotation.
6. When wide-flange or timber posts are used and when practical, install the bolt (fbb03) on the upstream side of the post in relation to the adjacent traffic.
7. Overlap blockouts so that the exposed W-beam edge is downstream of the adjacent traffic.
8. Provide a minimum of 12"-6" of 3" W-beam guardrail between the guardrail transition and a guardrail terminal or anchor.
9. Install rectangular guardrail plate washers under guardrail nuts at the splice between the three-beam guardrail and three-beam terminal connector.
10. A connector plate to keep the three-beam terminal connector in a vertical plane is optional. See the detail on the high speed guardrail transition standard drawing.
11. Delineate the transition. See the delineator standard drawing.
12. Drawing not to scale.

GUARDRAIL TRANSITION LOW SPEED