

MoDOT Median transition
- Michigan

Ron Effland

From: Brian K. Williams
Sent: Monday, April 11, 2016 3:20 PM
To: Ron Effland
Cc: Kenneth Voss
Subject: Double Faced to Single Face MGS Guardrail Transition

We probably need to send this to MwRSF for review. I cannot find any other state that shows this transition detail. At first I thought about a total skip a post (new test that just came out) but the reduced stiffness from the skip a post going into the stiffer double faced MGS gave me concern of pocketing.

My conceptual thinking is to skip a post to allow for the offsetting of the line posts but to add a post at the middle of the span; then come back with a post 3'-1 1/2" from the post in the middle of the span to get back to MGS post spacing. There is still some concern of increased stiffness but my hope is the increased spacing before the double faced section will decrease the stiffness enough to allow for allowable redirection.

