|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| G4 Guardrail Systems (Strong post--W-Beam with 27-in. (686-mm) top of rail height) | | | | | | |
| Facility | Test Number | Test Date | Post Material | Blockout Material | NCHRP 350 TL-3 Pass/Fail | Reference |
| TTI | 471470-26 | 4/13/90 | Wood | Wood | Pass | 1 |
| TTI | 471470-27 | 05/25/94 | Steel | Steel | Fail | 1 |
| TTI | 405421-2 | Unavailable | Steel | Steel | Pass | 2\* |
| MwRSF | MIW-1 | 08/25/1999 | Steel | Wood | Fail | 3 |
| TTI | 405421-1 | 11/16/1995 | Steel | Wood | Pass | 4 |
| TTI | 400001-MPT1 | 11/13/1996 | Steel | Plastic | Pass | 5 |

\*MwRSF does not have access to a copy of the report and was only able to take the information cited out of NCHRP Report 471

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3. Polivka, K.A., Sicking, D.L., Rohde, J.R., Faller, R.K.,and Holloway, J.C., *Crash Testing of Michigan’s Type B (W-Beam) Guardrail System*, Final Report to the Michigan Department of Transportation, Transportation Research Report No. TRP-03-90-99, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, Lincoln, Nebraska, November 10, 1999.
4. Bullard, D.L., Menges, W.L., Alberson, D.C., *NCHRP Report 350 Compliance Test 3-11 of the Modified G4(1S) Guardrail With Timber Blockouts*, Texas Transportation Institute, The Texas A&M University System, College Station, Texas.
5. Bligh, Roger P. and Menges, Wanda L., *Testing and Evaluation of a Modified Steel Post W-Beam Guardrail With Recycled Polyethylene Blockouts,* Texas Transportation Institute, The Texas A&M University System, College Station, Texas.