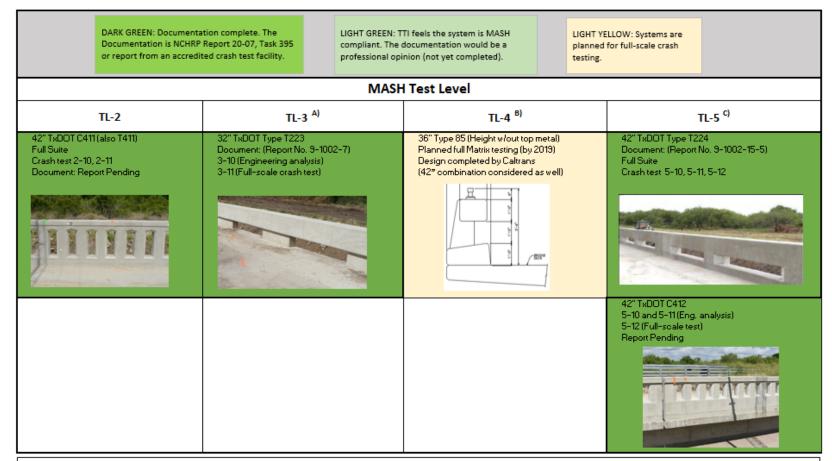
NCHRP Report 350 Rail	MASH Test Level			
System Type	TL-2	TL-3	TL-4	TL-5
Concrete Beam-and-Post	TL-2 TL-3			TL-5
Concrete Beam-and-Post	TL-3			IL-5

## NCHRP 20-07 Global Equivalency



Evaluation for Post-and-Beam concrete system is individual, considering that each system is characterirized by specific geometrics (opening sizes ), which affect stability of the impacting vehicles.

- A) 29 in. minimum height based on finite element simulations (NCHRP 20-07).
- B) 36 in. minimum height based on Determination of Minimum Height and Lateral Design Load for MASH Test Level 4 Bridge Rails. (Report No. 9-1002-5).
- C) 42 in. minimum height as requirement that remains from NCHRP Report 350.

## **MASH Compliant Systems or under MASH Evaluation**