Turnip representation of QLD rule section 23 encoding.

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| **Speed limit in a school zone**  (1) The speed limit applying to a driver for any length of road in a school zone is the number of kilometres per hour indicated by the number on the school zone sign on a road, or the road, into the zone.  (2) A ***school zone*** is—  (a) if there is a school zone sign and an end school zone sign, or a speed limit sign with a different number on the sign, on a road—that length of road; or  (b) if there is a school zone sign on a road that ends in a dead end and there is no sign mentioned in paragraph (a), on the length of road beginning at the sign and ending at the dead end—that length of road. |
|  |
| Encoding (Appendix A) |
|  |
| Text  Description automatically generated with low confidence |
| **Atom Initialisations:**  **Atom** lengthOfRoad\_In\_schoolZone  **Atom** driver\_IsDrivingOn\_lengthOfRoad  **Atom** speedLimit\_IsNumberOf\_kilometresPerHour  **Atom** kilometresPerHour\_IsIndicatedByNumberOn\_schoolZoneSign  **Atom** schoolZoneSign\_On\_road  **Atom** road\_In\_schoolZone  **Atom** driver\_HasSpeedLimit\_speedLimit  **Atom** day\_SchoolDay  **Atom** driver\_IsDrivingAtTime\_time  **Atom** schoolHours\_TimesIndicatedOn\_schoolZoneSign  **Atom** time\_WithIn\_schoolHours  **Atom** lengthOfRoad\_IsLengthOfRoadOf\_road  **Atom** endSchoolZoneSign\_On\_road  **Atom** lengthOfRoad\_StartsAt\_schoolZoneSign  **Atom** lengthOfRoad\_EndsAt\_endSchoolZoneSign  **Atom** speedLimitSign\_On\_Road  **Atom** speedLimitSign\_IsAfterInDirectionOfTravelOf\_schoolZoneSign  **Atom** lengthOfRoad\_EndsAt\_speedLimitSign  **Atom** speedLimitSchoolZone\_NumberOfKilometresPerHoursIndicatedOn\_schoolZoneSign  **Atom** speedLimit\_NumberOfKilometresPerHoursIndicatedOn\_speedLimitSign  **Atom** speedLimitSchoolZone\_Equal\_speedLimit  **Atom** road\_EndsIn\_deadEnd  **Atom** lengthOfRoad\_EndsIn\_deadEnd  **Atom** speedLimitSign\_IsAfterInDirectionOfTravelOf\_schoolZoneSign  **Rules:**  s23\_1: lengthOfRoad\_In\_schoolZone **&** driver\_IsDrivingOn\_lengthOfRoad **&** speedLimit\_IsNumberOf\_kilometresPerHour **&** kilometresPerHour\_IsIndicatedByNumberOn\_schoolZoneSign & schoolZoneSign\_On\_road **&** road\_In\_schoolZone & day\_SchoolDay **=> [O]** driver\_HasSpeedLimit\_speedLimit  s23\_1\_exception\_1: lengthOfRoad\_In\_schoolZone & driver\_IsDrivingOn\_lengthOfRoad **&** speedLimit\_IsNumberOf\_kilometresPerHour **&** kilometresPerHour\_IsIndicatedByNumberOn\_schoolZoneSign & schoolZoneSign\_On\_road **&** road\_In\_schoolZone & day\_SchoolDay **&** driver\_IsDrivingAtTime\_time **&** schoolHours\_TimesIndicatedOn\_schoolZoneSign **& ~** time\_WithIn\_schoolHours **=> [P]** driver\_HasSpeedLimit\_speedLimit  s23\_2\_a\_i: lengthOfRoad\_IsLengthOfRoadOf\_road **&** schoolZoneSign\_On\_road **&** endSchoolZoneSign\_On\_road & lengthOfRoad\_StartsAt\_schoolZoneSign **&** lengthOfRoad\_EndsAt\_endSchoolZoneSign **=>** lengthOfRoad\_Is\_schoolZone  s23\_2\_a\_ii: lengthOfRoad\_IsLengthOfRoadOf\_road **&** schoolZoneSign\_On\_road **&** speedLimitSign\_On\_Road & speedLimitSign\_IsAfterInDirectionOfTravelOf\_schoolZoneSign **&** lengthOfRoad\_StartsAt\_schoolZoneSign **&** lengthOfRoad\_EndsAt\_speedLimitSign **&** speedLimitSchoolZone\_NumberOfKilometresPerHoursIndicatedOn\_schoolZoneSign **&** speedLimit\_NumberOfKilometresPerHoursIndicatedOn\_speedLimitSign **& ~** speedLimitSchoolZone\_Equal\_speedLimit **=>** lengthOfRoad\_Is\_schoolZone  s23\_2\_b: road\_EndsIn\_deadEnd **&** lengthOfRoad\_IsLengthOfRoadOf\_road & schoolZoneSign\_On\_road **&** lengthOfRoad\_StartsAt\_schoolZoneSign & lengthOfRoad\_EndsIn\_deadEnd **& ~** schoolZoneSign\_On\_road **& ~** endSchoolZoneSign\_On\_road **& ~** speedLimitSign\_On\_road **& ~** speedLimitSign\_IsAfterInDirectionOfTravelOf\_schoolZoneSign **& ~** speedLimitSchoolZone\_NumberOfKilometresPerHoursIndicatedOn\_schoolZoneSign **& ~** speedLimit\_NumberOfKilometresPerHoursIndicatedOn\_speedLimitSign **& ~** speedLimitSchoolZone\_Equal\_speedLimit **=>** lengthOfRoad\_Is\_schoolZone  s23\_1\_exception\_1 ≫ s23\_1 | |