WZDX TRANSLATOR FIELD MAPPINGS AND UNUSED FIELDS

Update Date: 07/11/2022

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Planned Events to WZDx Translator Mappings

|  |  |  |  |
| --- | --- | --- | --- |
| **Table** | **WZDx** | **Planned Events Field/Value** | **Notes** |
| Road Event Feed Info | **publisher** | CDOT |  |
| **update\_date** | \*current time\* | Current time of message generation |
| contact\_name | Ashley Nylen |  |
| contact\_email | ashley.nylen@state.co.us |  |
| Update\_frequency | 300 |  |
| **version** | 4.0 |  |
| Data Sources | **organization\_name** | CDOT |  |
| **location\_method** | channel-device-method |  |
| update\_date | Properties.lastUpdated |  |
| update\_frequency | - | Not available |
| contact\_name | Ashley Nylen |  |
| contact\_email | ashley.nylen@state.co.us |  |
| lrs\_type | - |  |
| lrs\_url | - |  |
| Road Events | beginning\_cross\_street | - | Not available |
| ending\_cross\_street | - | Not available |
| beginning\_milepost | properties.startMarker |  |
| ending\_milepost | properties.endMarker |  |
| **beginning\_accuracy** | estimated |  |
| **ending\_accuracy** | estimated |  |
| **start\_date** | properties.startTime |  |
| **end\_date** | properties.cleatTime/properties.estimatedClearTime/  properties.startTime + n\*24 + 12 hrs | If no clearTime or estimatedClearTime, then closese 12-hour interval after current time from startTime |
| **start\_date\_accuracy** | estimated |  |
| **end\_date\_accuracy** | estimated |  |
| event\_status | WZDx start\_date/end\_date | Mapped from already processed WZDx start and end dates |
| **vehicle\_impact** | WZDx Lanes | Mapped from already processed WZDx Lanes |
| workers\_present | - | Not available |
| reduced\_speed\_limit | - | Not available |
| restrictions | properties.isOversizedLoadsProhibited |  |
| Core Details | **event\_type** | work-zone |  |
| **road\_names** | properties.routeName |  |
| **direction** | properties.direction |  |
| relationship | - | Messages are individual, so no need to link |
| **description** | properties.travelerInformationMessage |  |
| creation\_date | - | Not available |
| update\_date | properties.lastUpdated |  |
| Types of Work | **type\_name** | properties.type |  |
| is\_architectural\_change | properties.type |  |
| Lanes | **order** | properties.laneImpacts.laneClosures index | All lane data is pulled from laneImpacts.laneClosures, and decoded to a list of open/closed lanes, using the laneImpacts.laneCount. Order is indexed from the left, starting at 1 |
| **status** | properties.laneImpacts.laneClosures | Open or closed, based on decoded laneImpacts.laneClosures |
| **type** | properties.laneImpacts.laneClosures, properties.laneImpacts.closedLaneTypes,  general | Shoulder if 0th or 15th lane, otherwise pull from laneImpacts.closedLaneTypes, otherwise “general” |
| Lane Restrictions | **Restriction\_type** | - | Not available |
|  | Restriction\_value | - | Not available |
| Restriction\_units | - | Not available |

**Bold field** = required

Non-bolded field = optional

|  |  |
| --- | --- |
|  | Hard coded or simple logic |
|  | Required field not present |
|  | Entire set not present (but valid) |