WZDX TRANSLATOR FIELD MAPPINGS AND UNUSED FIELDS

Update Date: 07/11/2022

Contents

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	

Section	Field	Source	Notes
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	
<mark>Types of Work</mark>	**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"
<mark>Lane Restrictions</mark>	**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)