

RSM to WZDx Translator Assumptions (Values not determined from RSM)

1. Road Event Feed Info
 - a. feed_update_date
 - i. Value: current time converted to format [2010-01-01T01:01:01Z]
 - b. version
 - i. Value: 2.0
2. Road Events
 - a. road_event_id
 - i. Value: GUID
 - b. geometry_type
 - i. Value: LineString
 - c. all accuracy fields
 - i. Value: unknown
 - ii. Notes: Not given in RSM
3. Types of Work
 - a. type_name
 - i. Value: roadside-work
 - ii. Notes: No information is available to be more specific in the RSM (cause codes)
 - b. is_architectural_change
 - i. Value: false
 - ii. Notes: No information is available to be more specific in the RSM (cause codes)
4. Lane Events
 - a. lane_edge_reference
 - i. Value: left
 - ii. Notes: No value is given in RSM files
 - b. lane_status
 - i. Values: open, closed, merge-left, merge-right
 - ii. Notes: This is the only information available
 - c. restrictions
 - i. Value: NULL
 - ii. Notes: no data available for such restrictions
5. Lane Restrictions
 - a. none

RSM to WZDx Translator Mappings (Values determined from RSM)

1. Road Event Feed Info
 - a. none
2. Road Events
 - a. geometry.coordinates
 - i. Value: node-3Dabsolute, converted from 1/10 micro degrees to degrees
 - ii. Notes: node-3Doffset is not supported at this time
 - b. start_date (and end_date)
 - i. Value: startDateTime (and endDateTime) reformatted to match format [2010-01-01T01:01:01Z]
 - c. total_num_lanes
 - i. Value: Length of list of lanes
 - b. direction
 - i. Value: N, S, E or W depending on difference between starting and ending points
6. Types of work
 - a. none
3. Lanes
 - a. lane_number
 - i. Value: lanePosition
 - b. lane_status
 - i. Value: nodeAttributes
 - ii. Notes: Closed takes priority (if laneClosed and taperRight are both true, lane_status will report closed)
 - b. lane_type
 - i. Values: left-lane (lane_number=1), middle-lane(1<lane_number<total_num_lanes), or right-lane(lane_number=total_num_lanes)
 - ii. Notes: Determined assuming lanes marked numbered from left side
7. Lane Restrictions
 - a. none

RSM to WZDx Translator Omitted Fields (Including optional fields)

1. Road Event Feed Info

a. feed_info_id

- i. Notes: This field will be populated when this file is loaded into tables

2. Road Events

a. feed_info_id

- i. Notes: This field will be populated when this file is loaded into tables

b. subidentifier

- i. Notes: optional

c. road_number

- i. Notes: optional and unknown

d. beginning_cross_street

- i. Notes: optional and unknown

e. ending_cross_street

- i. Notes: optional and unknown

f. beginning_milepost

- i. Notes: optional and unknown

g. ending_milepost

- i. Notes: optional and unknown

h. event_status

- i. Notes: optional and unknown

i. restrictions

- i. Notes: optional and unknown

j. issuing_organization

- i. Notes: optional and unknown

k. creation_date

- i. Notes: optional and unknown

l. update_date

- i. Notes: optional and unknown

3. Types of work

a. none

4. Lanes

a. lane_id

- i. Notes: This field will be populated when this file is loaded into tables

5. Lane Restrictions

a. All fields

- i. Notes: unknown