

## 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
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. Lanes
  - 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: the approach region and 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
3. Types of work
  - c. none
4. 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)
  - d. 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
5. Lane Restrictions
  - e. 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
  - c. road\_number
  - d. beginning\_cross\_street
  - e. ending\_cross\_street
  - f. beginning\_milepost
  - g. ending\_milepost
  - h. event\_status
  - i. restrictions
  - j. issuing\_organization
  - k. creation\_date
  - l. update\_date
    - i. Notes (for b-l): 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. lane\_restriction\_id
    - i. Notes: This field will be populated when this file is loaded into tables
  - b. lane\_id
    - i. Notes: This field will be populated when this file is loaded into tables
  - c. restriction\_type
    - i. Notes: optional and unknown
  - d. restriction\_value
    - i. Notes: optional and unknown
  - e. restriction\_units
    - i. Notes: This field will be populated when this file is loaded into tables