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

1. Road Event Feed Info
   1. feed\_update\_date
      1. Value: current time converted to format [2010-01-01T01:01:01Z]
   2. version
      1. Value: 2.0
2. Road Events
   1. road\_event\_id
      1. Value: GUID
   2. geometry\_type
      1. Value: LineString
   3. all accuracy fields
      1. Value: unknown
      2. Notes: Not given in RSM
3. Types of Work
   1. type\_name
      1. Value: roadside-work
      2. Notes: No information is available to be more specific in the RSM (cause codes)
   2. is\_architectural\_change
      1. Value: false
      2. Notes: No information is available to be more specific in the RSM (cause codes)
4. Lane Events
   1. lane\_edge\_reference
      1. Value: left
      2. Notes: No value is given in RSM files
   2. lane\_status
      1. Values: open, closed, merge-left, merge-right
      2. Notes: This is the only information available
   3. restrictions
      1. Value: NULL
      2. Notes: no data available for such restrictions
5. Lane Restrictions
   1. none

RSM to WZDx Translator Mappings (Values determined from RSM)

1. Road Event Feed Info
   1. none
2. Road Events
   1. geometry.coordinates
      1. Value: node-3Dabsolute, converted from 1/10 micro degrees to degrees
      2. Notes: node-3Doffset is not supported at this time
   2. start\_date (and end\_date)
      1. Value: startDateTime (and endDateTime) reformatted to match format [2010-01-01T01:01:01Z]
   3. total\_num\_lanes
      1. Value: Length of list of lanes
   4. direction
      1. Value: N, S, E or W depending on difference between starting and ending points
3. Types of work
   1. none
4. Lanes
   1. lane\_number
      1. Value: lanePosition
   2. lane\_status
      1. Value: nodeAttributes
      2. Notes: Closed takes priority (if laneClosed and taperRight are both true, lane\_status will report closed)
   3. lane\_type
      1. Values: left-lane (lane\_number=1), middle-lane(1<lane\_number<total\_num\_lanes), or right-lane(lane\_number=total\_num\_lanes)
      2. Notes: Determined assuming lanes marked numbered from left side
5. Lane Restrictions
   1. none

RSM to WZDx Translator Omitted Fields (Including optional fields)

1. Road Event Feed Info
   1. feed\_info\_id
      1. Notes: This field will be populated when this file is loaded into tables
2. Road Events
   1. feed\_info\_id
      1. Notes: This field will be populated when this file is loaded into tables
   2. subidentifier
      1. Notes: optional
   3. road\_number
      1. Notes: optional and unknown
   4. beginning\_cross\_street
      1. Notes: optional and unknown
   5. ending\_cross\_street
      1. Notes: optional and unknown
   6. beginning\_milepost
      1. Notes: optional and unknown
   7. ending\_milepost
      1. Notes: optional and unknown
   8. event\_status
      1. Notes: optional and unknown
   9. restrictions
      1. Notes: optional and unknown
   10. issuing\_organization
       1. Notes: optional and unknown
   11. creation\_date
       1. Notes: optional and unknown
   12. update\_date
       1. Notes: optional and unknown
3. Types of work
   1. none
4. Lanes
   1. lane\_id
      1. Notes: This field will be populated when this file is loaded into tables
5. Lane Restrictions
   1. All fields
      1. Notes: unknown