Driving Lane Reconfiguration
ID : DLR ID (I)
Road segment (I, R206, R202)
Conduit (R206)
LCS (R202)
Start location : Distance

Driving Lane
Inside division (I, R10)
Outside division (I, R10)
Road segment (I, R10)

(See Road subsystem)

Usage Policy Event
ID (I, R298)
Restriction spec (R214)

Lane Usage Specification
Name (I)

TBD subsystem
(not yet modeled)

Driving Lane Event
ID : DL Event ID (I)
Inside division (R215)
Outside division (R215)
Road segment (R215)
Location : Distance

Traversal Policy Event
ID (I, R298)
New status : Lane Status
Side : Inner Outer

Reconfiguration Role
LR ID (I, R207)
Inside division (I, R207)
Outside division (I, R207)
Road segment (I, R207)

[disjoint, complete]

Surface Change Event
ID (I, R222)
New condition : Surface Condition
New pavement : Surface Material
Surface driving spec (R223)

Surface Driving Specification
Name (I)

TBD subsystem
(not yet modeled)

Obstacle Event
ID (I, R222)
Obstacle : Obstacle Type
Mitigation spec (R224)

Obstacle Mitigation Specification
Name : Spec Name (I)

Driving Lane Initiation
LR ID (I, R204)
Inside division (I, R204)
Outside division (I, R204)
Road segment (I, R204)

Driving Lane Termination
LR ID (I, R204)
Inside division (I, R204)
Outside division (I, R204)
Road segment (I, R204)

Fork Lane
LR ID (I, R217, R211)
Inside division (I, R217)
Outside division (I, R217)
Source lane inside (R208c)
Source lane outside (R208c)
Road segment (I, R217, R211, R208)
Entrance : Distance

Intersection Exit Reconfiguration Role
LR ID (I, R217)
Road segment (I, R217, R200)
Inside division (I, R217, R200)
Outside division (I, R217, R200)

Split Exit Lane
LR ID (I, R217)
Inside division (I, R217)
Outside division (I, R217)
Road segment (I, R217)

Convergence Exit Lane
LR ID (I, R217, R219, R225)
Inside division (I, R217, R225)
Outside division (I, R217)
Road segment (I, R217, R219, R225)

Merge Lane
LR ID (I, R205, R211)
Inside division (I, R205)
Outside division (I, R205)
Dest lane inside (R209c)
Dest lane outside (R209c)
Road segment (I, R205, R211, R209)
Last chance : Distance

Convergence Entrance Lane
LR ID (I, R205)
Inside division (I, R205)
Outside division (I, R205)
Road segment (I, R205)

Split Entrance Lane
LR ID (I, R205, R213)
Inside division (I, R205, R220)
Outside division (I, R205, R220)
Road segment (I, R205, R213)

Mid Road Turn Lane
LR ID (I, R205, R221)
Inside division (I, R205)
Outside division (I, R205)
Road segment (I, R205)

Intersection Entrance Reconfiguration Role
LR ID (I, R205)
Road segment (I, R205, R201)
Inside division (I, R205, R201)
Outside division (I, R205, R201)

Intersection Exit Lane
Inside division : Lane Division ID (I)
Outside division : Lane Division ID (I)
Road segment : Road Segment ID (I)

(See Intersection subsystem)

Split Lane Division Pair
Inside split exit lane (I, R218)
Outside split exit lane (I2, R218)
Inner division (I, R218)
Shared division (I, I2, R218)
Outer division (I, R218)
Road segment (I, I2, R218)

Convergence Lane Zipper Pair
LR ID (I, I2, R210)
Inner zipper division (I, R210)
Shared zipper division (I, I2, R210)
Outer zipper division (I2, R210)
Road segment (I, I2, R210)

Intersection Entrance Lane
Inside division : Lane Division ID (I)
Outside division : Lane Division ID (I)
Road segment : Road Segment ID (I)

(See Intersection subsystem)

Convergence
LR ID (I, R211)
Road segment (I, R211)

Split
LR ID (I, R211)
Road segment (I, R211)

Dead End
LR ID (I, R216)
Road segment (I, R216)
Shape : Open Closed

Longitudinal Reconfiguration
LR ID (I, R212)
Road segment (I, R212)

Internal Reconfiguration
LR ID (I, R212)
Road segment (I, R212)

Lateral Reconfiguration
LR ID (I, R212)
Road segment (I, R212)
Direction : Turn Dir

Loop End
LR ID (I, R216)
Road segment (I, R216)

Intersection Interface
Road segment (I, I2, R52, R216)
Intersection (I, R52)
LR ID (I2, R216)

(See Intersection subsystem)

Conduit
Road segment (I)
Role (I)

(See Road subsystem)

Driving Lane Reconfiguration
ID : DLR ID (I)
Road segment (I, R206, R202)
Conduit (R206)
LCS (R202)
Start location : Distance

Lane Configuration Segment
ID : LCS ID (I)
Conduit (R203)
Road segment (I, R203)