



Model Minimum Inventory of Roadway Elements - MMIRE

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What is MMIRE?

Proposed set of 180 data elements to identify the characteristics of roadways.

- Roadway Segments
- Segment Alignment
- Roadway Junctions



Why MMIRE?

- Define inventory and data elements that are necessary to make the BEST decisions regarding resource allocation.
- Provide input for safety data analysis tools
 - Safety Analyst
 - Interactive Highway Design Model

MMIRE Elements

- Segments
 - Classification
 - Cross section
 - Roadside
 - **Curve and grade**
 - Traffic flow
 - Traffic control/operations
 - Ped/bike facilities
- Junctions
 - Intersections
 - Intersection type
 - Geometrics
 - Traffic control/ops
 - Interchanges
 - Configuration
 - Traffic flow

What's the Difference?



Travel Lanes



- No. of lanes
- Lane widths
- Exclusive right/left lanes
- Auxiliary lanes
 - Climbing, passing, etc.

Line Markings

- Presence
- Width
- Rumble strips?



Shoulders

- Type
 - Paved, gravel, turf, curb, composite
- Width



Barriers



- Barrier Type
- Distance to barrier



Intersections



- Skew angle
- Sight distance
- Lighting



Pedestrian Facilities




- Sidewalk Presence
- Midblock crossings
- Ped signal features





Future of MMIRE

- Executive Steering Committee
- 2009: Host webinars to vet elements
- 2009: Gather input on MMIRE website
- Implementing marketing campaign to promote MMIRE (lead states?)
- MMIRE management information system



The first step towards getting somewhere is to decide that you are not going to stay where you are.

