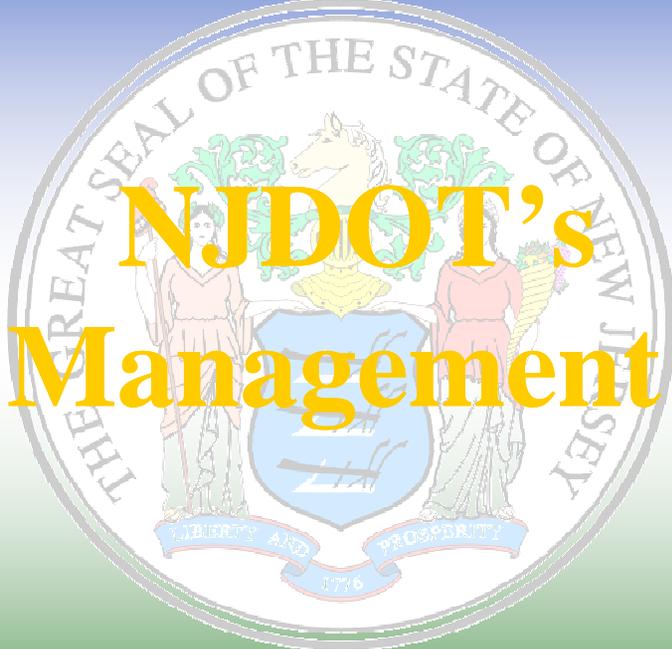




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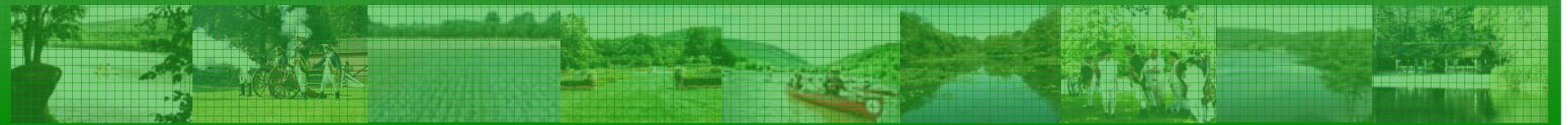


NJDOT's Safety Management System



Safety Management System

“SMS is not a program, but a process requiring communication, collaboration, coordination, & cooperation among diverse stakeholders.”



Safety Management System

■ Key Components

- ◆ Recognition that an SMS is not a program, but a process
- ◆ NJDOT Lead Agency
- ◆ Organization of an interdisciplinary committee or coalition
- ◆ Singular well defined Mission Statement
- ◆ Assessment of existing highway safety data, procedures, resources, & activities identifying processes and activities that support achieving the Mission Statement that are working well
- ◆ Development of a strategic plan
- ◆ Action to implement, monitor, revise, & evaluate the strategic plan
- ◆ Maintaining the momentum of a state's safety committee



Safety Management System

■ Structure

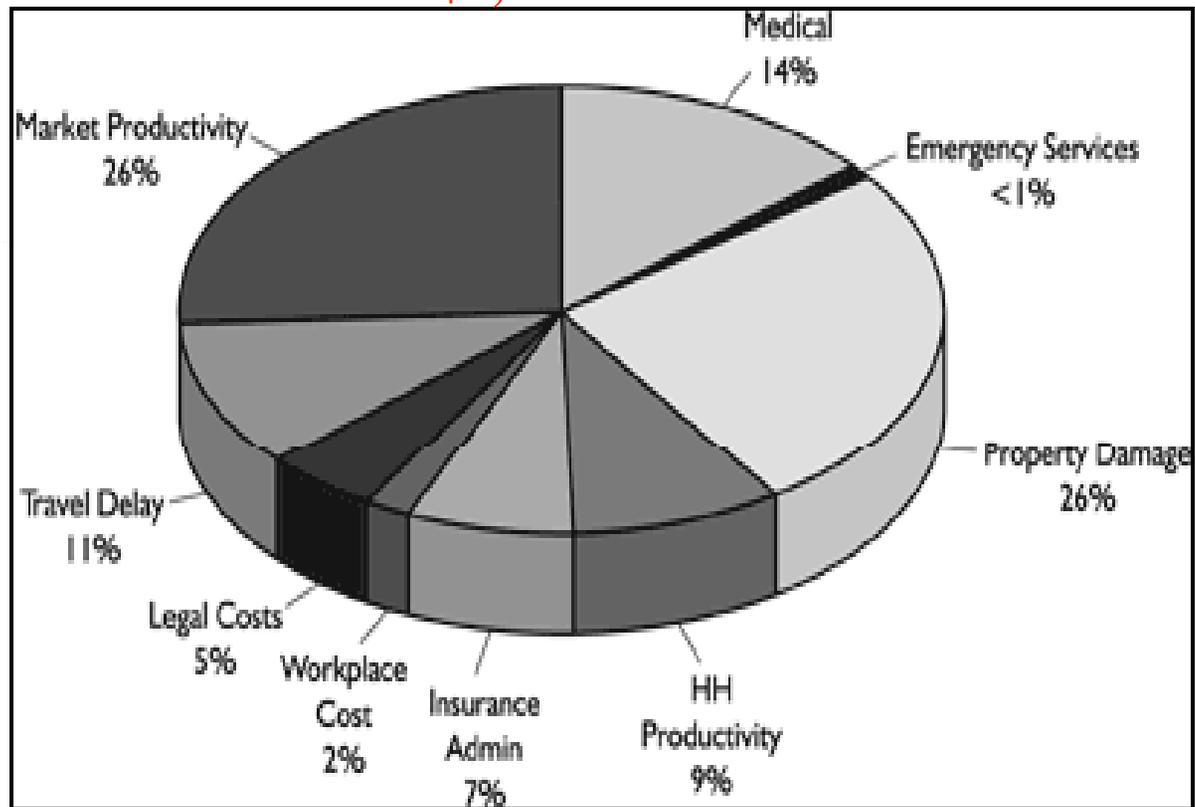
- ◆ Coordinating & integrating broad-based highway safety programs throughout the state
- ◆ Developing processes & procedures to ensure that the major safety problems are identified & addressed
- ◆ Ensuring early consideration of safety in all highway transportation programs & projects
- ◆ Support special user groups in identifying safety needs under their jurisdiction
- ◆ Routinely maintaining & upgrading safety hardware, highway elements, & operational features



Crash Cost in NJ

\$9.3 Billion

\$1,100/citizen



New Jersey Department of Transportation



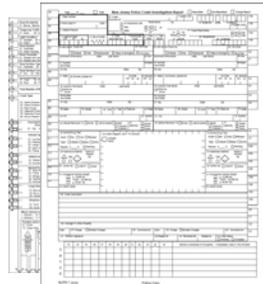
Safety Management System

■ Safety Starts with Crash Data

- ◆ Foundation - CRD
- ◆ 310 – 320,000 crashes/year
- ◆ Data Driven Decision Making
- ◆ Crash Data is foundation for multiple agencies/organizations programs



Life Cycle of a Crash Report



All crash reports are sent to DOT's Bureau of Safety Programs.

NJDOT Patch Sheet

Vendor returns Data CD and Image CD.



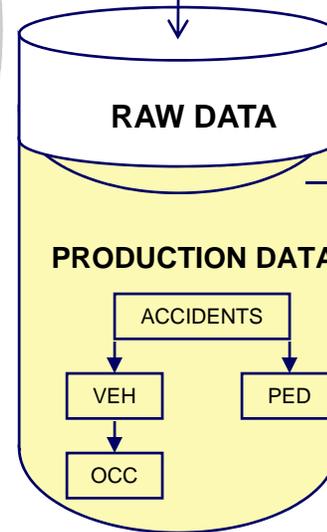
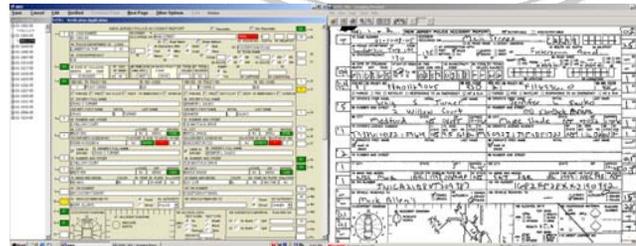
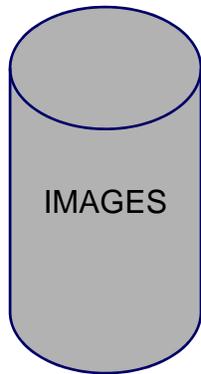
Data is loaded to Raw Data Table.

NJDOT's Patching Process...

Each report is separated by green patch sheet, stamped with a DLN and sent to be scanned & keyed.

Images are loaded to a DOT Server.

Verifiers cleanse data via ARD Application.

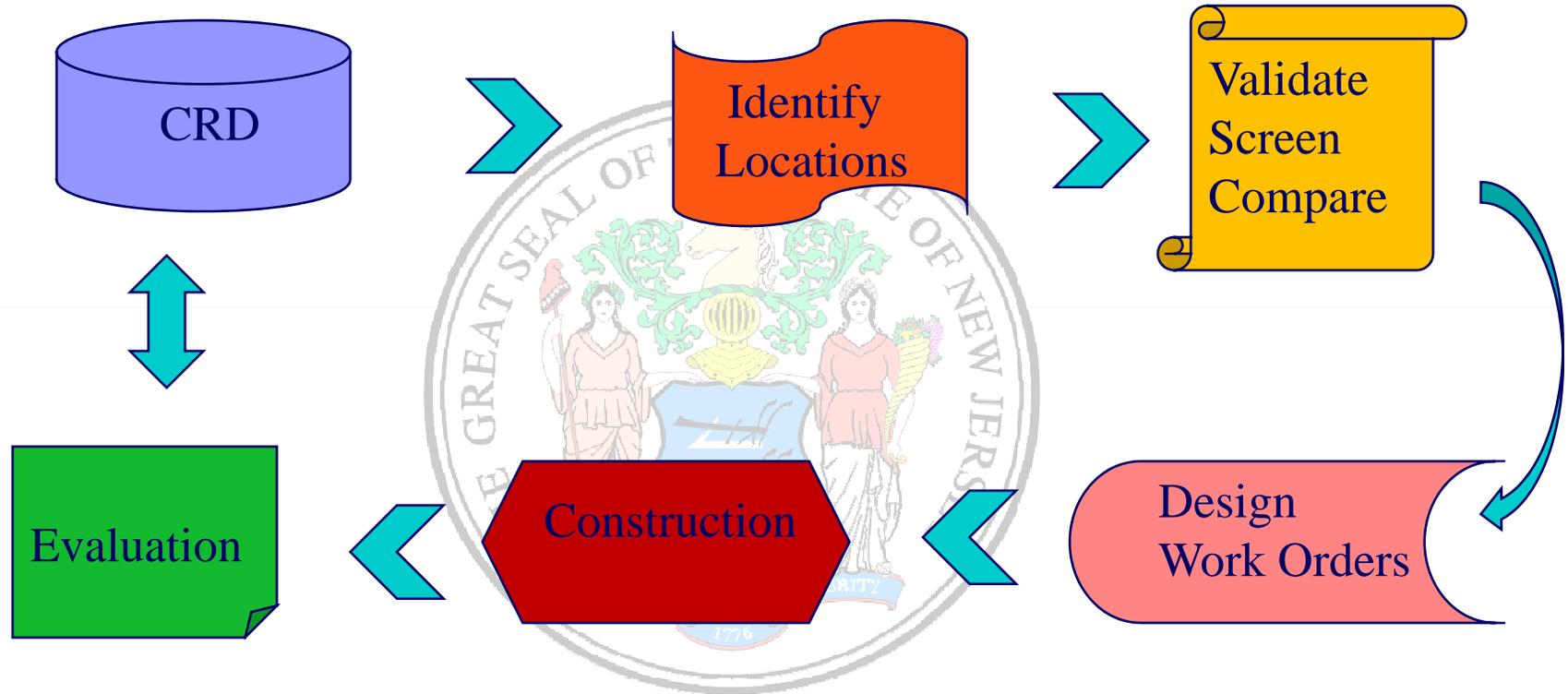


Verified data is loaded to Production tables each nightly.



Safety Management System

New Jersey Department of Transportation



Safety Program Development

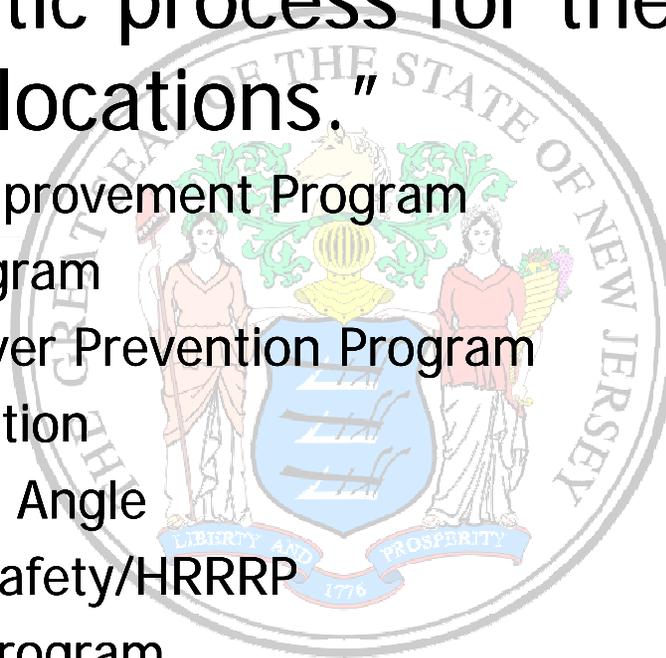


Safety Management System

■ Safety Program Development

“A systematic process for the identification of safety locations.”

- ◆ Intersection Improvement Program
- ◆ Pedestrian Program
- ◆ Median Crossover Prevention Program
- ◆ Accident Reduction
- ◆ Left Turn/Right Angle
- ◆ Local Federal Safety/HRRRP
- ◆ Safe Corridor Program
- ◆ Fixed Object
- ◆ Wet Weather



Final Thoughts

- SMS is a process for managing highway safety activities, not a plan itself.
- State-specific, responding to available resources and needs.
- SMS is a process whose foundation is based in crash data & is not a data collection-only program.