New Mexico DEPARTMENT OF TRANSPORTATION

Highway Conditions

Transportation Infrastructure Revenue Subcommittee Meeting

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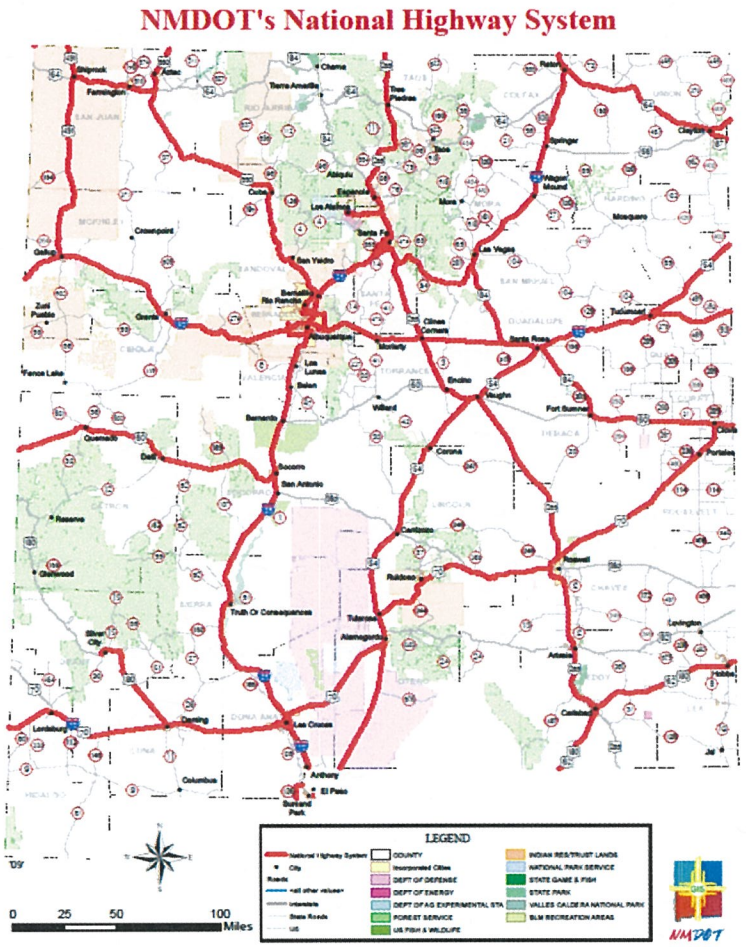
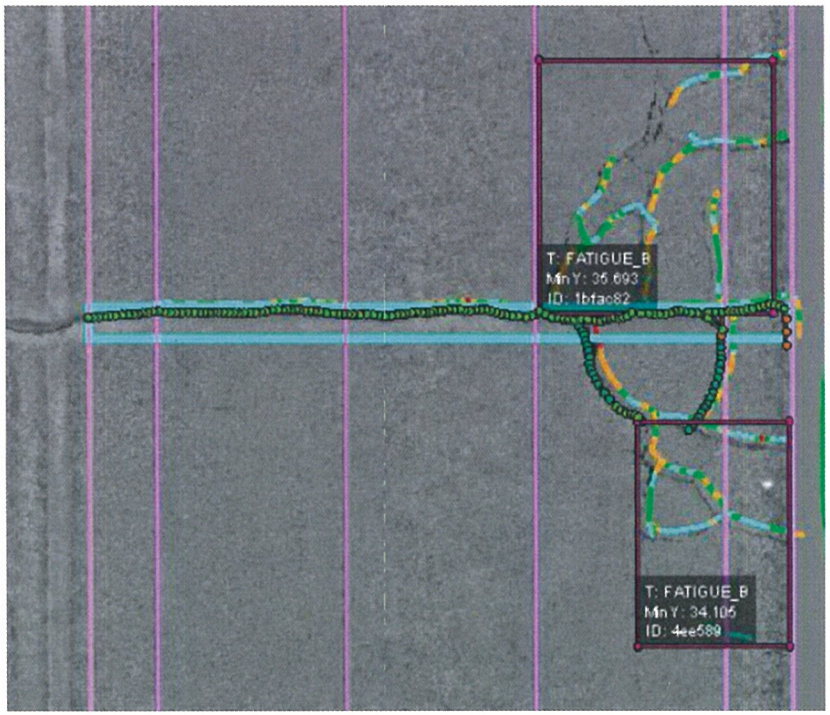
Pavement Condition Assessment

- 2013 moved to Automated Data Collection at highway speed
- Collect about 15,000 lane miles annually
  - 100% of the Interstate and National Highway System (NHS)
  - 50% of the non-NHS

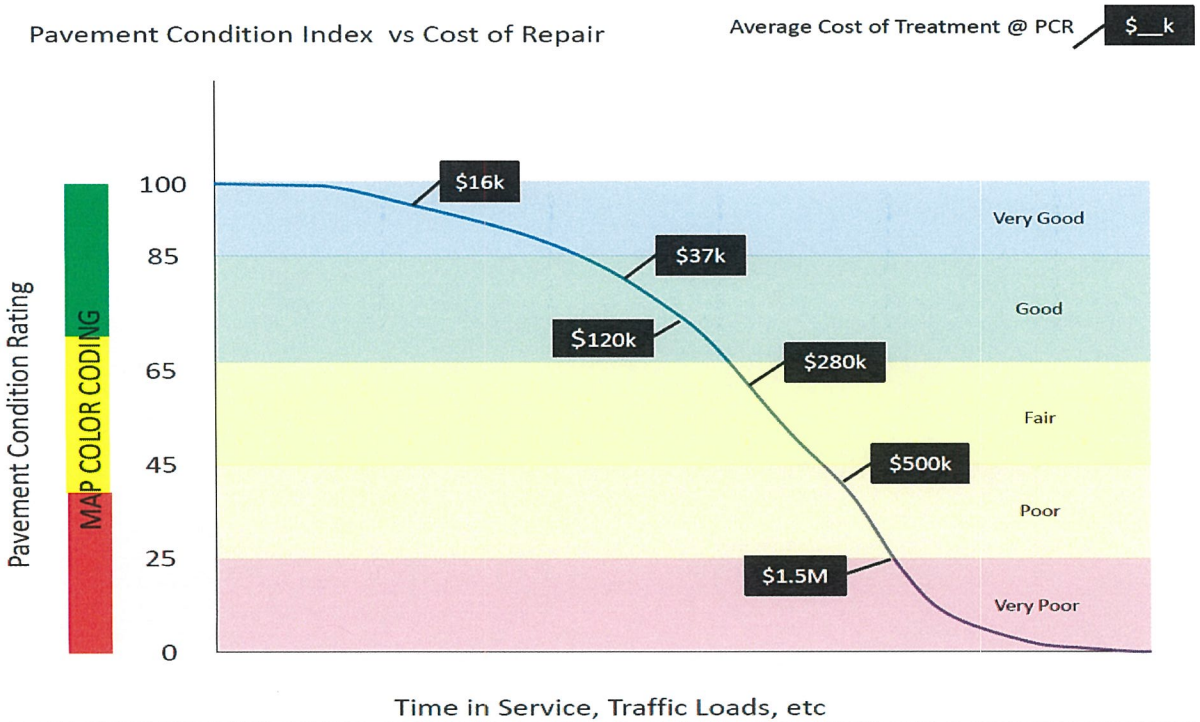


What goes into the Pavement Condition Assessment

- Laser Crack Measurement System
  - 3D pavement imaging
  - Crack classification
  - 4000 point rutting profile
- Raveling, bleeding, patching, rutting, faulting
- International Roughness Index (IRI)



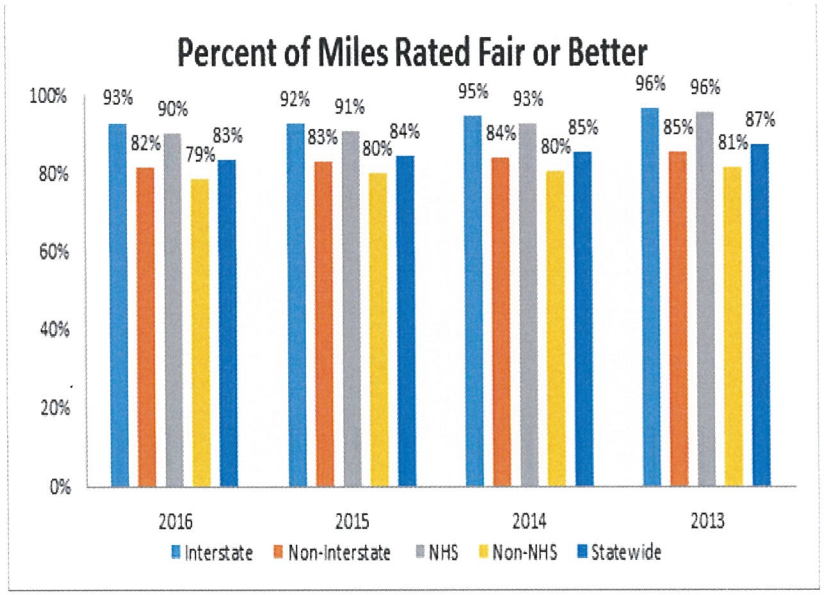
Pavement Condition Rating (PCR)



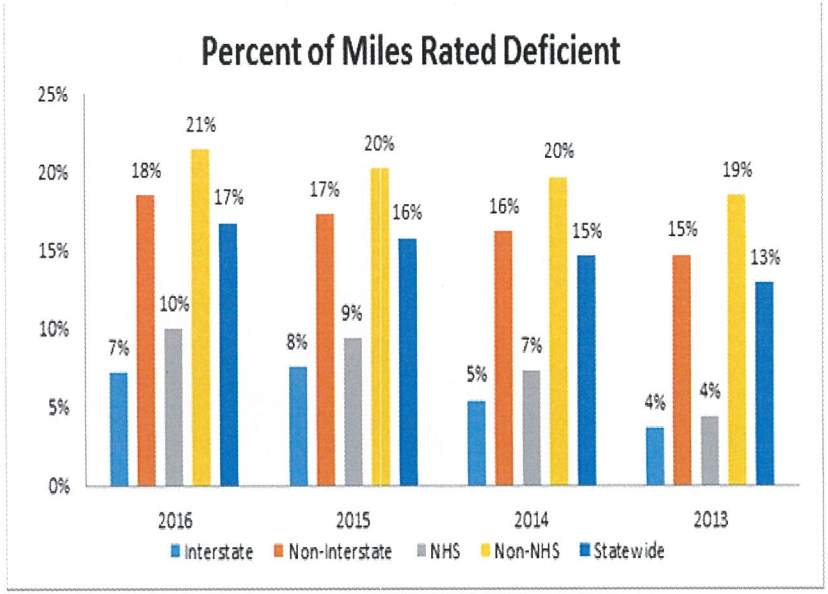
PCR Range	Condition	Suggested Treatment
100-86	Very Good	Monitor – Minor preservation: monitor, fog seals, surface coats, chip seal
85-66	Good	Major preservation: thin hot in-place recycling, thin mill and inlay
65-51	Fair	Minor – Major preservation: mill and inlay between, hot in-place recycling 2.5-4"
50-46	At Risk	Minor – Major rehabilitation
45-26	Poor	Major rehabilitation – 5 inches deep to PPC, FDR
25-0	Very Poor	Reconstruction

Pavement Condition % of System

Fair or Better

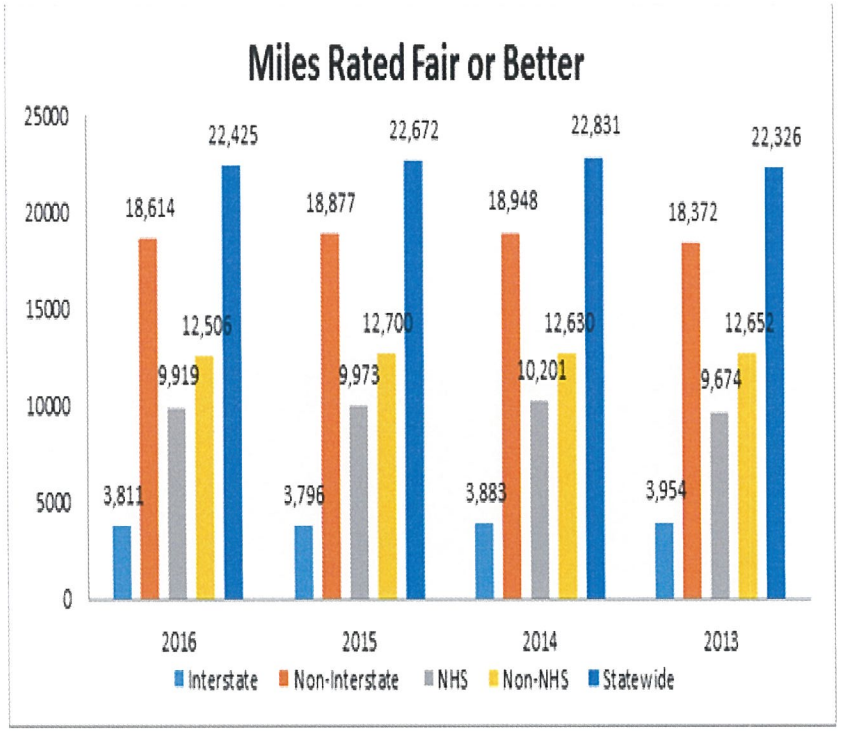


Poor



Pavement Condition - Miles

Fair or Better



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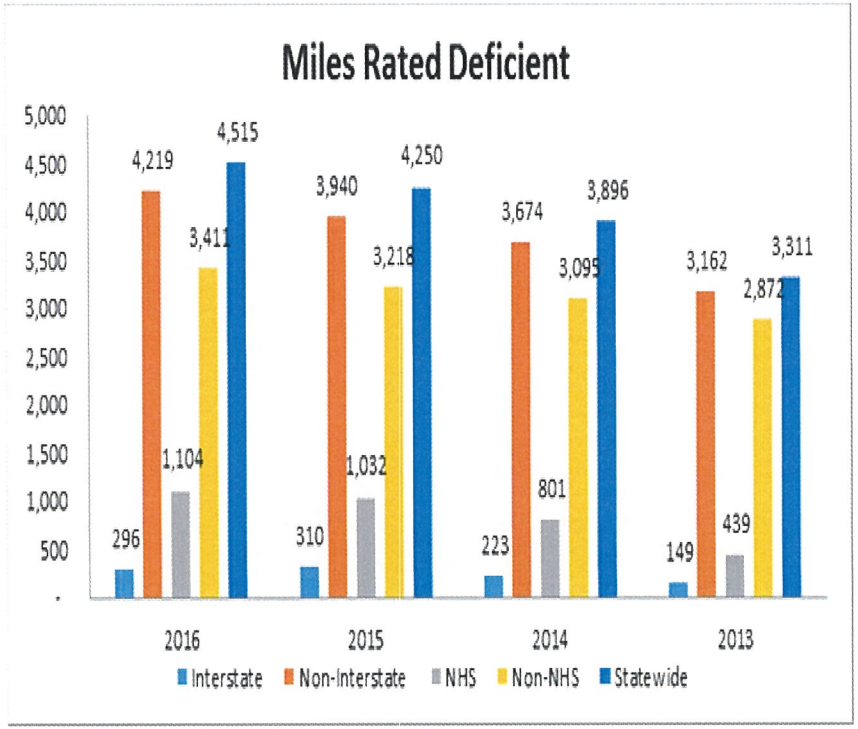
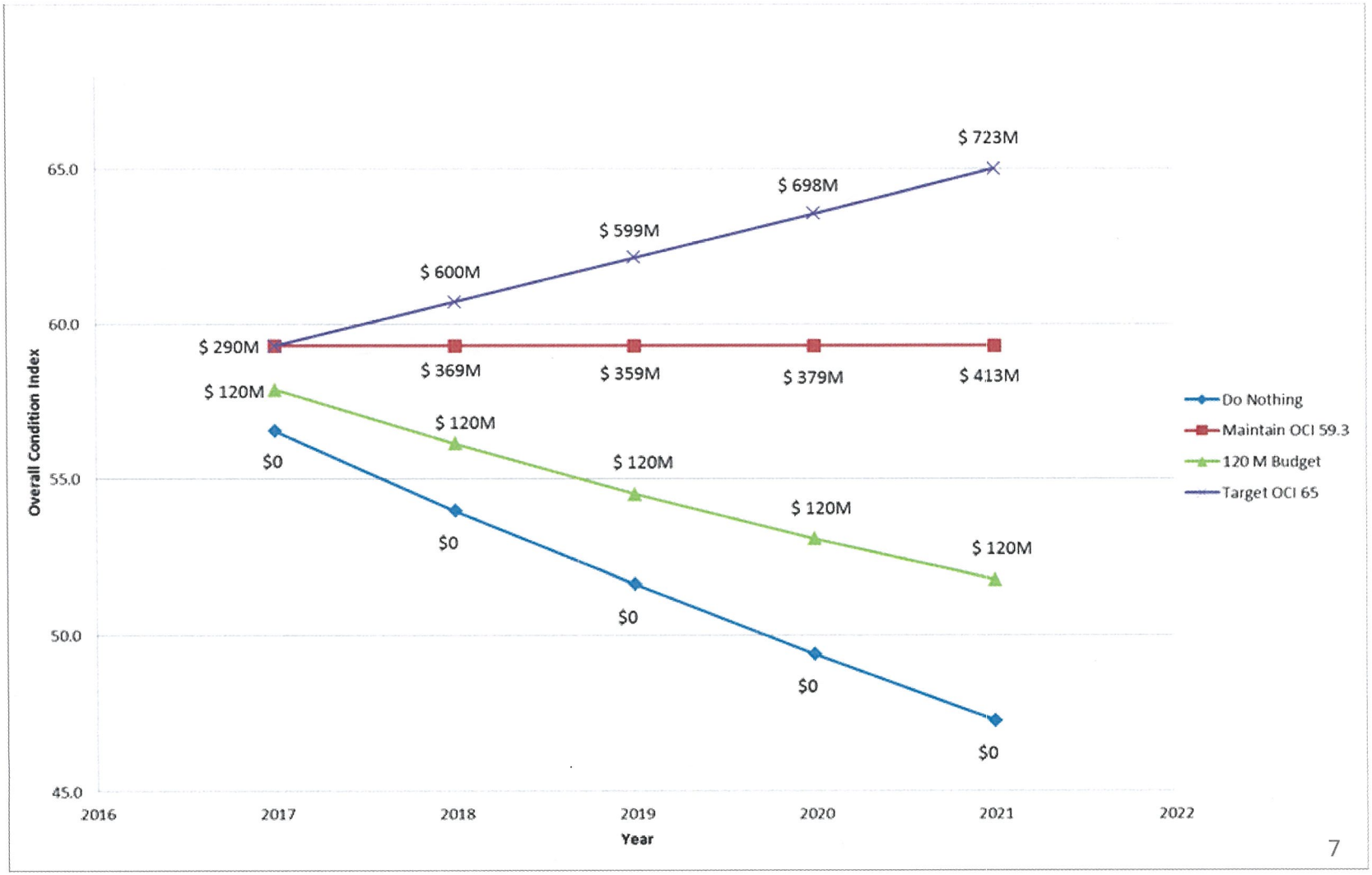
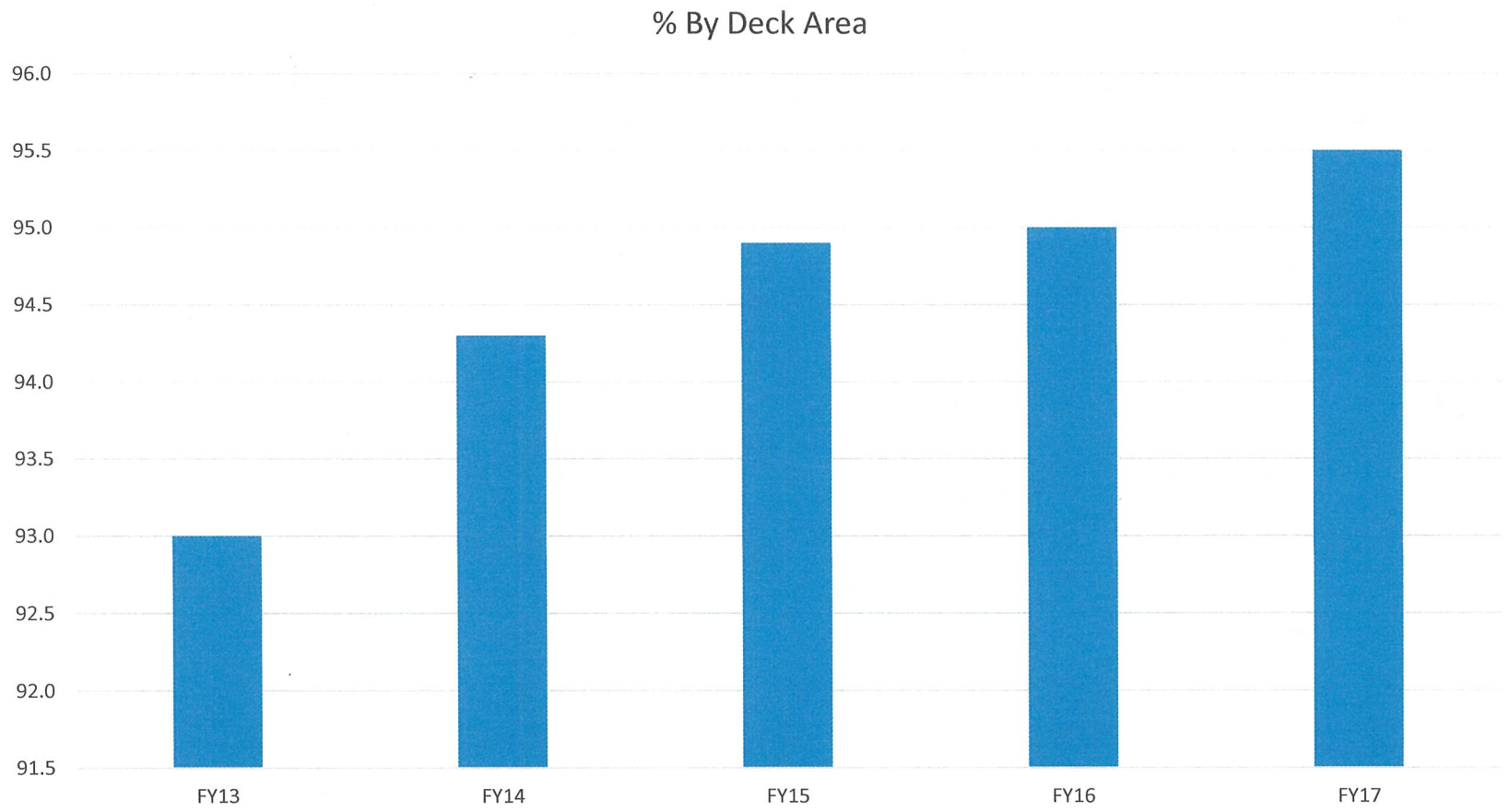


System	Lane Miles
Interstate	4,108
US, NM, BL	22,832
NHS	11,023
Non-NHS	15,917

26,940 miles

5-year Project Overall Condition Cost



Bridge Condition – Fair or Better