




FDOT PERFORMANCE MEASURES




Department Mission, Goals and Objectives

- The prevailing principles to be considered in planning and developing an integrated, balanced statewide transportation system are: preserving the existing transportation infrastructure; enhancing Florida's economic competitiveness; and improving travel choices to ensure mobility. 334.046 F.S.
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Statutory Definition of Preservation

- Preservation – Protecting the state's infrastructure investment. Preservation includes:
 - Ensuring that 90 percent of the department maintained bridges meets department standards
 - Ensuring that 80 percent of the pavement meets department standards
 - Ensuring that the department achieves 100 percent of the maintenance standard on the state highway system
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FDOT 50 year plan


- “Historically, FDOT has placed high priority on maintaining and preserving state roads and bridges and has achieved high levels of performance and cost savings in recent years.”
 - As the 1st long range objective – “Maintain all elements of the transportation system to protect the public’s investment for the future.”
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1st Tier Performance Measure

- 90 % of all department maintained bridges meet standards.
- A bridge meets standards if it is in good condition.
- Condition determined by lowest rating of Deck, Superstructure, Substructure and Culvert. FHWA 0 to 9 scale.
- Reported annually to Legislature



Condition Definitions


- Excellent 8 or 9
 - Good 6 or 7
 - Fair 5
 - Poor 4 or less
 - Currently the Department is at 95% in good or better condition.
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How do we stand 10-15-2011

CLASSIFICATION	DEPARTMENT MAINTAINED	%	NON DEPARTMENT MAINTAINED	%
EXCELLENT	798	12.01%	441	8.32%
GOOD	5572	83.87%	4202	79.25%
FAIR	220	3.31%	485	9.15%
POOR	54	0.81%	174	3.28%
TOTAL	6644		5302	



2nd Tier Performance Measures

- Structurally Deficient or Weight Restricted Bridge programmed for Replacement or Repair within 6 years of identification
 - Economy Bridge Replacements programmed for replacement within 9 years of identification
 - Repairs programmed within 2 years
 - Reported to Executive Board
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Third Tier Performance Measures

- 100 % of all Urgent and Emergency Bridge Work Orders completed on time
 - 90 % of all Bridge Work Orders completed on time
 - 100% of all Bridge Repairs Projects properly documented
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Third Tier Continued

- 95% of all bridge elements are properly documented and proper condition states assigned in inspection reports
 - District Structures Maintenance Offices required to have, follow and document a quality control plan
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Third Tier Continued

- All bridges open to traffic must have an as built load rating in the database within 90 days for state bridges and 180 days for local bridges
 - Delinquent posting/closing deficiencies resolved within 90 days
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Do They Really Mean It?



Want to Buy a Crane Cheap?



One Way to Demolish a Bridge



Aw Shucks



Dump Truck less than 5 tons?




Heavy loads have to safely
cross our bridges






Enforcement of Third Level

- Quality Assurance Review (QAR) conducted in every District
 - Each area is graded into Outstanding, Compliance, Non Compliance and Findings
 - QAR conducted by Office of Maintenance
 - Report goes to District Secretary, Director of Operations, District Maintenance Engineers, Assistant Secretary for Engineering Operations, Chief Engineer and FHWA Division Bridge Engineer
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QAR Structure Current Plan

- Bridge Inspection (Inspection Reports, Inventory Data and Schedule)
 - Bridge Work Orders (Completion, Priority Assignment, Quality of Work)
 - Load Rating and Posting (Performance and Quality)
 - Scour Evaluation Documentation Accuracy (POAs for Scour Critical Bridges, etc.)
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QAR Current Plan Continued

- Work Program (Correct Bridges included and proper format followed)
 - Ancillary Structure Inspection (Inspection reports correct and schedule followed)
 - District Quality Control Plans (Comprehensive, addressing problem areas, responsibility delineated)
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Future QAR areas

- QAR plan a living document
 - Future areas that will be addressed include movable bridge operations.
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All our bridges should look
this good for life?





Conclusions

- Performance measures need to support the overall mission of the organization
 - Performance measures thoughtfully crafted and properly used will yield good results
 - To meet performance measures takes time and effort
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