HAPI Recommendation to HDOT for 2004: Establish a Goal for Hawaii Roads

Goal: Hawaii’s Highways & Roads shall be rated in the Top 5 in the United States in 5 years

Why should we do this?
- Hawaii has a high ratio of road usage per citizen
- Hawaii can

Why can we do this?
- Hawaii has a small ratio of road lane miles per citizen
- Hawaii State Department of Transportation and Counties have the funding
- Hawaii has an absence of detrimental weather extremes
- Hawaii has a year round construction season
- Hawaii has great quality aggregates and competitive asphalt oil pricing
- Hawaii has a large underutilized HMA manufacturing capacity
- Hawaii has a talented asphalt paving industry with excess crew capacity
- Hawaii has a talented consulting and design engineering community
- Hawaii has only five major agencies that own roads – four counties and HDOT

How can we do this?...In steps

1. Take ownership of the issue
2. Partner with the HMA industry for training and awareness
3. Select a "champion" in HDOT and staff the position
4. Implement self analysis per NCHRP 20-24(11)
5. Define acceptable road standards
6. Fund, design, build $40M in annual HMA Maintenance projects
7. Build the $150M annual HDOT CIP projects
8. Build the $636M backlog of funded HDOT CIP projects
9. Implement a real Pavement Management System
10. Update HMA Pavement Design Guidelines
11. Implement GASB 34 "Modified Depreciation Approach"
12. Implement FHWA/AASHTO "Transportation Asset Management"
13. Enjoy Great Roads

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