

2012 - SEBPP Meeting

Atlanta, GA

April 25, 2012

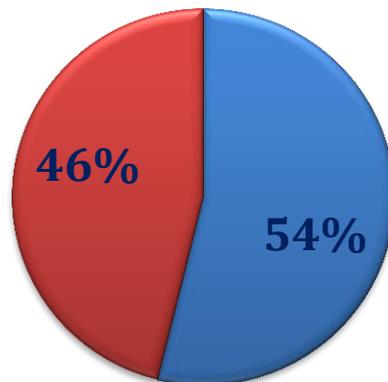
Roundtable Discussion

Moderated By Anwar Ahmad



Q6 - Does your agency have an approved Systematic Preventive Maintenance process for use of Federal-Aid funds?

Approved SPM



■ Use Federal-aid Funds for SPM

■ Not Using Federal-aid Funds for SPM

Q7 - How many bridges did your agency performed preservation work on them in the previous year?

Preservation Projects



Q8 - What is your vision of an ideal bridge preservation program?



Q8 - What is your vision of an ideal bridge preservation program?

1. Spend more money to keep bridges in good condition instead of waiting for bridges to be in poor condition.
2. One that would have dedicated money and staff
3. One that optimizes the available resources, resulting in extending the useful service life of our bridges.
4. State and local FHWA division office work in partnership to determine how the bridge needs should be funded.
5. Develop an evolving framework of bridge preservation methods that can be used to extend the life of our good and fair bridges.
6. Long term goal should to realize a reduction in the number of bridges requiring replacement as a result of applying consistent and timely preservation methods.
7. An ideal bridge preservation program consists of having adequate funding to properly address bridges in fair/good condition. Decisions should be data driven by utilizing a bridge management system and treatments should be scheduled in intervals.





8. A Program that has enough funds to be effective in addressing all preservation needs, and has funds assigned by law instead of depending on DOT policy
9. A good mix of both state and federal funds with both state force and contract (both project specific and on-call)
10. Use a simple, systematic way to select bridges to place in the preservation program for that fiscal year.
11. Extend the service life of the state's bridge inventory.
12. Reduce the number of SD bridges over time.
13. Eventually set up a schedule to perform routine maintenance activities on bridge inventory
14. Adequately identify and fund system-wide needs.
15. Track of expenditures and work performed to determine effectiveness of activities performed.



16. Focus on communication of bridge preservation activities across the entire system to help coordinate different forms of maintenance activities.
17. Do not use a “worst first” approach, but rather use a preservation approach to maintaining the entire structure inventory.
18. A balanced structure management program that addresses preservation, rehabilitation, and replacement actions.
19. A program that is well funded, well thought out, and supported by upper management that fits in well with the replacement program

Q8 - In your opinion, what are the top three priorities that you would like to see the SEBPP pursue in the future and why?



Suggested Action Items for the SEBPP

1. Identify best practices for this region
2. Designate a certain percentage of bridge funds to bridge preservation
3. Develop an AMS for choosing preservation needs
4. Additional funding for preservation needs
5. Improve coating systems for steel superstructures
6. Assist national effort to develop reliable NDE methods for evaluating post tensioning.
7. Definition of exactly what determines when a bridge has reached the end of its useful service life
8. Information sharing on current state practices and how they overcame obstacles/challenges
9. Information sharing on how states developed deterioration curves and bridge preservation/maintenance activities (best practices)
10. Information sharing on how states develop a marketing/consistent message/program to get vital resources (funding) for bridge preservation to legislatures

Suggested Action Items for the SEBPP

11. Performance measures
12. Standardize the methodology for Preservation Needs Assessment
13. Educating designers, contractors, manufacturers and DOTs.
 - I. coordinate with universities to include at least two preservation courses in their curriculum. This way, when students transition to practicing engineers preservation will be in their “DNA”
14. Relaxation of federal rules especially for on-call contracts and consistent application of federal rules.
15. Less stringent lane closures.
16. Case studies of the value of bridge preservation.
17. Continue to compile, advance and promote research in the area of bridge preservation.
18. Continue to promote uniformity of specifications
19. Research on the long term performance of Prefabricated Bridge Elements

Suggested Action Items for the SEBPP

20. Develop bridge deterioration curves
21. Share information regarding state initiated research and training
22. Report on treatment successes/failures
23. Head off federal efforts to do away with dedicated bridge funding from the HBP.
24. If the HBP is retained work to establish more flexibility within the fund to allow for transfer of funds to different bridge activities (rehab, replacement, maintenance).
25. Develop a template that states could follow or modify to develop a fully integrated bridge maintenance program.

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