

Question Asked	Answer Given
Is pressure injection commonly used to repair concrete cracks in bridges? How is it performed, and when would you choose epoxy for structural repair versus polyurethane to stop water leaks?	Gravity sealers should be used for bridge decks. Pressure injection can be used on substructure and superstructure. I've used them in large culverts to stop water infiltration. For concrete beams, only use this on non working cracks, such as mild High Load Hits.,Gravity sealers should be used for bridge decks. Pressure injection can be used on substructure and superstructure. I've used them in large culverts to stop water infiltration. For concrete beams, only use this on non working cracks, such as mild High Load Hits.
We at Illinois Tollway and GEC are using Open Gov / Cartegraph Enterprise asset management system that we have evolved over a period of years and GEC teams and inhouse agency personnel contributing to the growth, calibrations, and ideas to grow the system. We do deterioration modeling, and conscept cost estimateing from agency unit prices from recent contracts for repair recommendations development and annual reporting of different asset types for all assets, annual consultant report, reports for Maintenance districts, and support to Trimble / Ebuilder product project management.	
Thank you everyone	
Is the bridge management program a subscription (like the road management program) or is it free to use?	commercial systems are subscription based
Where do you come up with all the service life values?	Go to FHWA bridge management system workshop. There is a participant workbook and two modules. Generally the estimates are based on the condition of the bridge and the time expected to drop. Consider reaching out to DOTs for additional guidance.
Is the Michigan culvert rating guide from the Michigan Infrastructure Council? Does the MIC have any impact on how you're managing or reporting asset data?	Michigan DOT https://ctt.mtu.edu/sites/default/files/resources/paser/tamc-culvert-inspection-guide.pdf
Do you have bridge design webinar in the future? thanks	Thank you for the suggestion. We don't have this as existing, but it would be a good topic.
Do you have an Excel document that will help us manage our Non-NBI?	Note that Non-NBI has different definitions for different states. The general answer is that we'd apply the same methodology for NBI and non-NBI bridges.
What is the cost of the Dashboard software? One time cost or annually...	With Berrien county it is the cost of creating it and we work with them annually to help with all bridge and structure management needs.
How interchangeable is the NBI rating vs the Health Index and Sufficiency Rating?	I've seen quite a bit of variability in comparing the SR to the general bridge condition NBI. The SR was an attempt to provide a single score to quantify the overall sufficiency to remain in service. It is no longer used as it can at times not correlate with the bridge condition.,Or I should say FHWA no longer uses the sufficiency rating. Many local agencies are still using it to prioritize projects.
Can you provide an example of where the SR doesn't correlate with a bidge condition? We are using SR and HI to prioritize maintenance needs currently	
Do you recommend limiting a bridge asset mgmt program to only NBI structures (over 20')? Any advice on smaller structures?	Most agencies we work with also manage thier non-NBI structures also.
https://www.fhwa.dot.gov/bridge/management/	
What is used to seal the bridge deck?	There are several commercially available products to seal concrete decks. Common products include epoxy crack fillers and Silanes that make the concrete repel water. There are tons of different products. My suggestion is to check your local DOT's approved product list and they'll very likely have some products listed to consider.
Can you put a link to the downloadable SNBI data in the chat or questions? The one that xls, json, geojson format for each state?	https://infobridge.fhwa.dot.gov/
Pavementpreservation.org links seem to be down, just FYI!	Thanks for the response. MSU is aware of an issue and is working on resolving the problem.