



A bit of Housekeeping

In-person:

Restrooms

Exits

Lunch

Virtual:

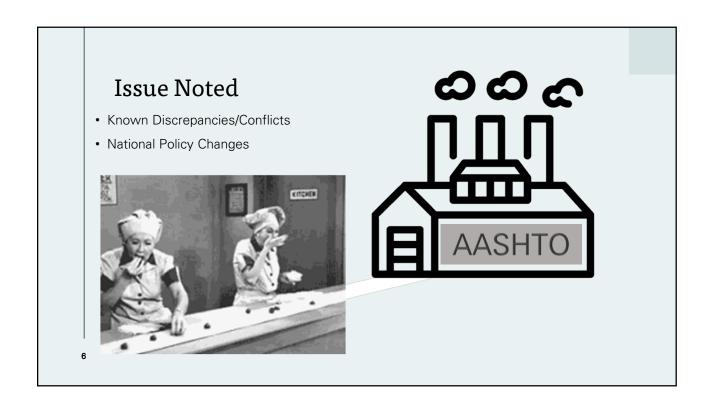
Tech ?'s → Teams Q&A



All: Presenter Questions use Slido (or raise your hand) Attendance Tracking and Survey at the End QR Code for both are on Name Tag







Issue Noted

- Known Discrepancies/Conflicts
- National Policy Changes
- Field Observation

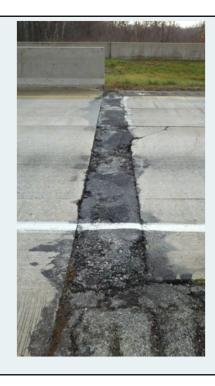




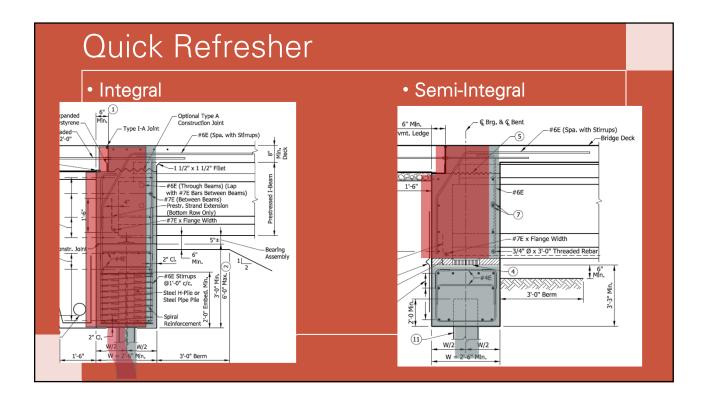


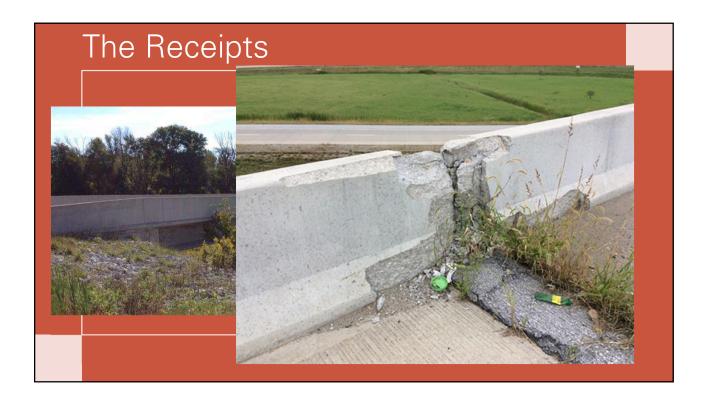
Investigate

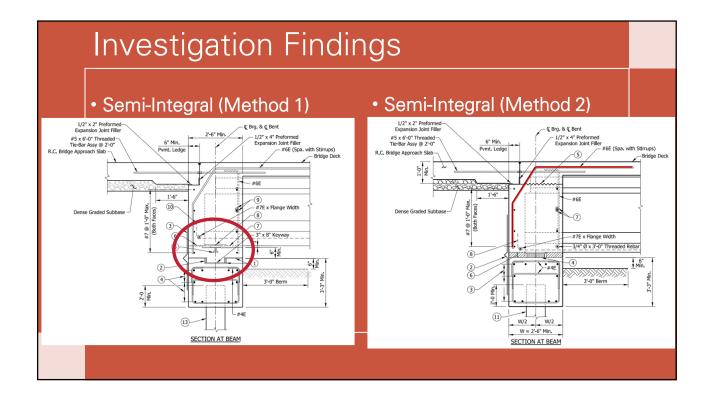
- Pull Data
 - Similar Structures/Details
- Historical Policy Changes
- Ask Around
 - INDOT
 - Partners
 - Neighbors
- Other Factors

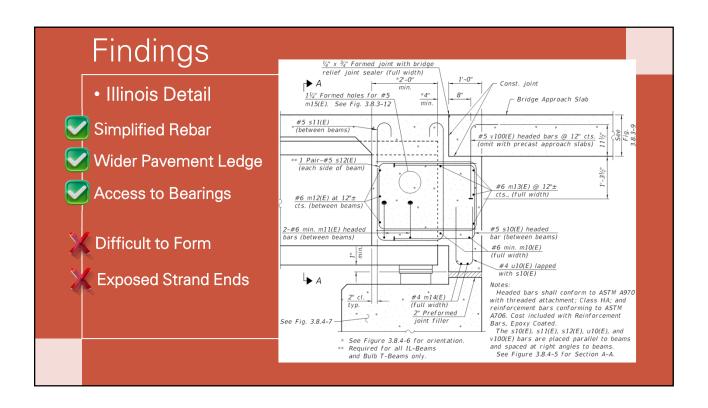


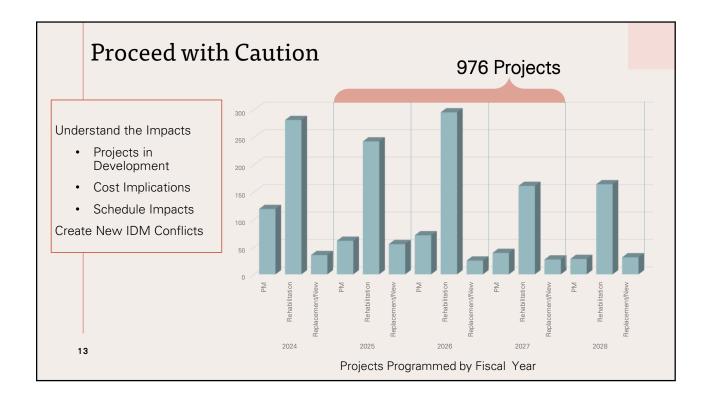
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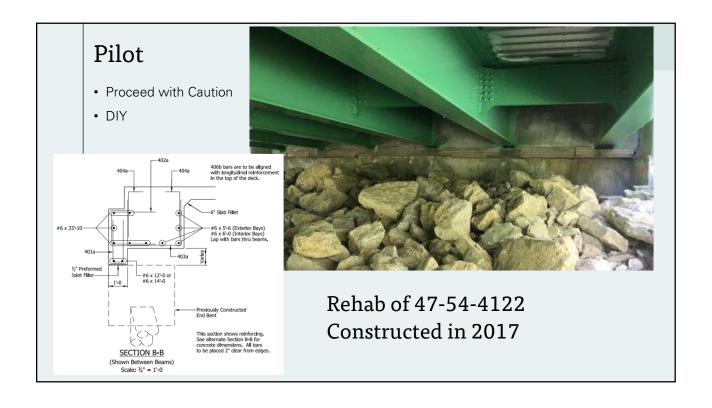


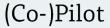












- Structures Committee
- Draft Details 2019-2023
- North Split/Section 5
 - Unique Opportunity for Contractor Feedback





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Standardize

- Capture a Majority of Scenarios
 - Rehabilitations increased the scenarios exponentially





New Construction = Design Manual



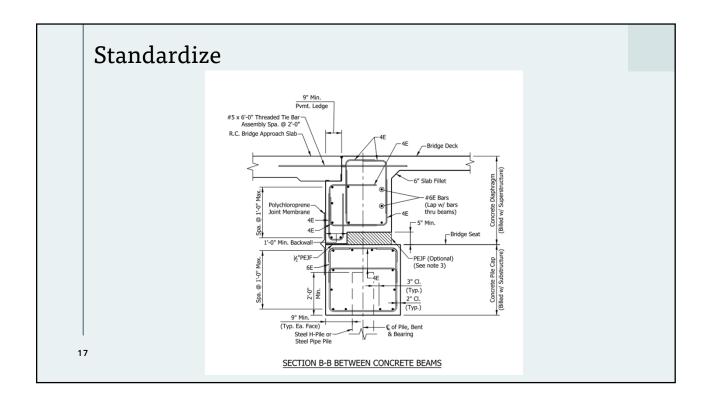
Formal Guidance

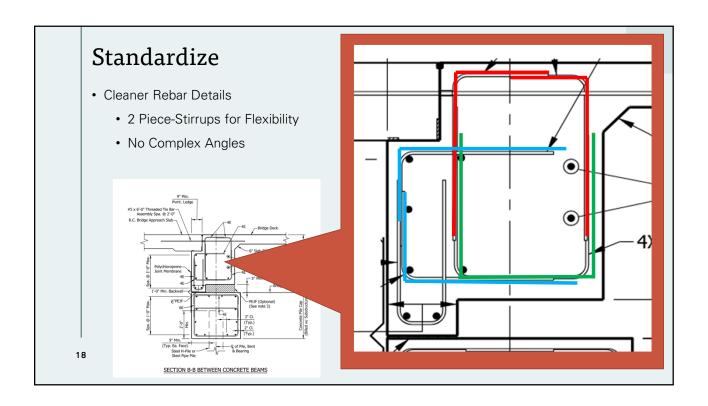
Rehabilitations - Bridge Design Aid

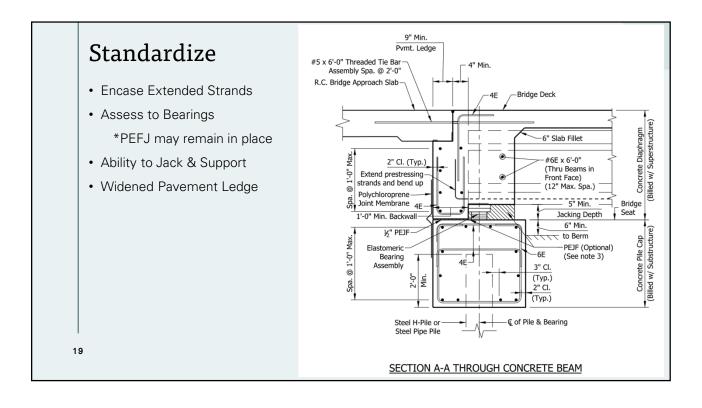


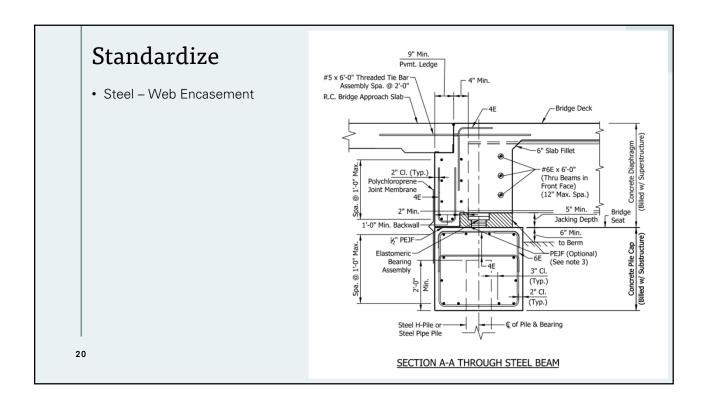
• Sharing Best Practices and Lessons Learned

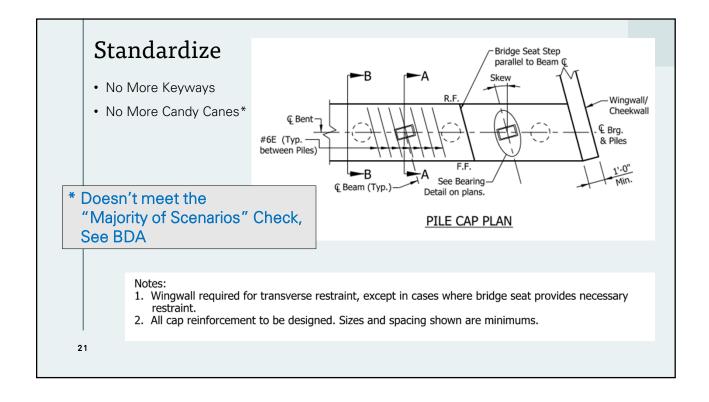
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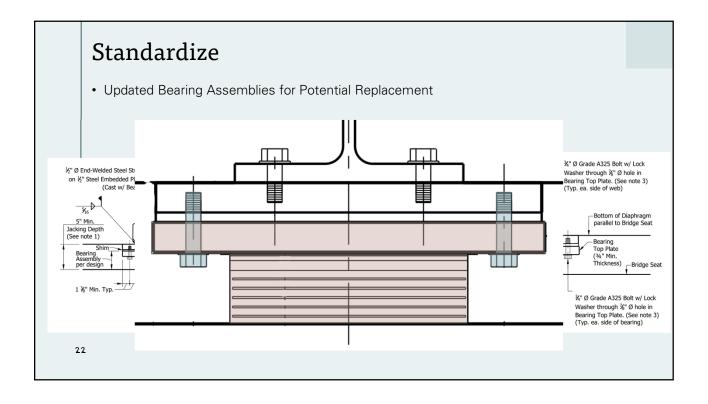


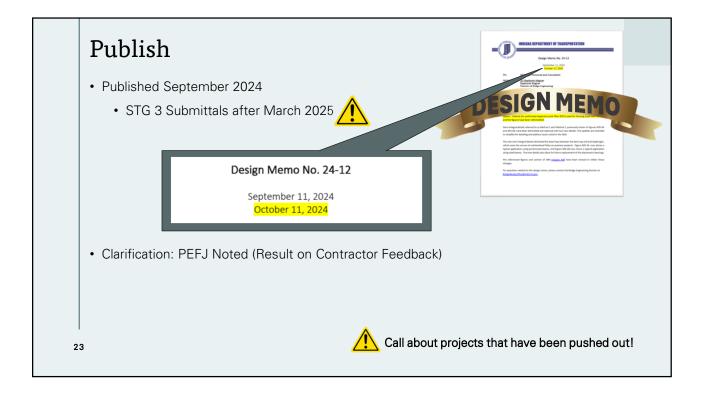


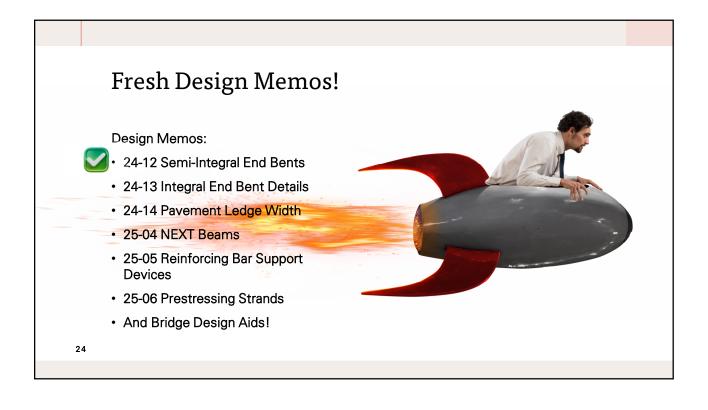


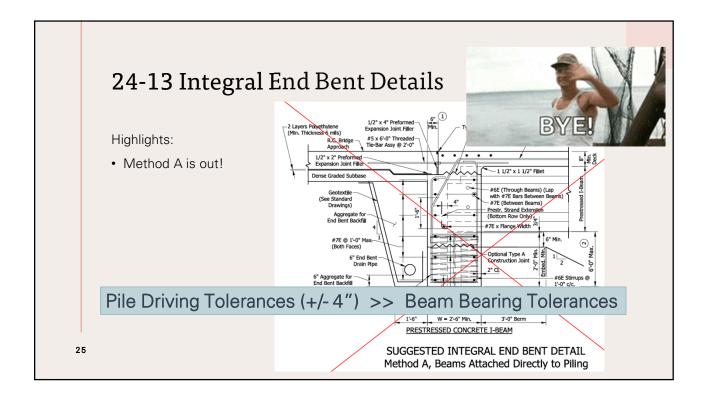


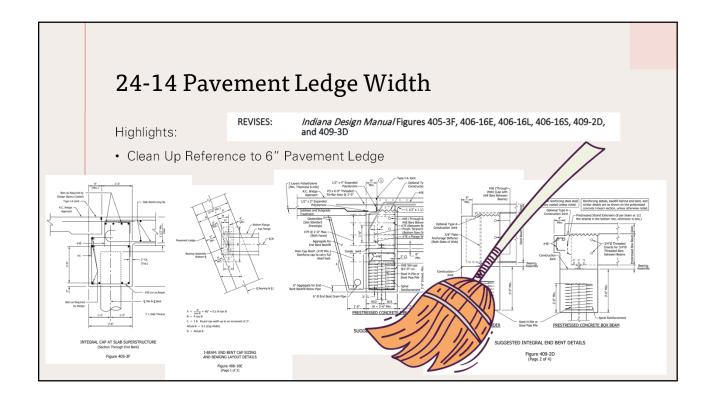












25-04 NEXT Beams

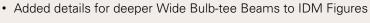


Highlights:

- FYI-RE: Standard Spec. 707 updates and Std.Dwg. 707-BPDF series to show Fabrication Tolerances for Next Beams
- Added NEXT Beams as acceptable Prestressed Beam Type (IDM 406-12.02)
- Reference PCI Northeast website for more now...
 - 2023 Design Conference Presentation
 - · 2024 Road School Presentation

Pilot Projects: B-42405 US 31 over Blue Lick Creek B-43129 SR 49 over Ahlgrim Ditch B-44138 SR 341 over Dry Run





• 72", 78" and 84"

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Beware of cost data: INDOT procured the beams outside of the contract.

Contractors are now required to limit the maximum distance between rebar supports to 4'. Need additional bars on 25-05 Reinforcing Bar Supports wide flange shapes to meet this requirement requirement. · Crankshaft Bars are Out · Fillet Reinforcement · Two bars Move away from term "Haunch" For Longitudinal Reinforcing, See Floor Plan, Sheet 32. 28 Don't be stingy, camber is tough to predict!

