

Welcome to the 2023 INDOT Highway Design Conference

Mark Bailey, Managing Director of Engineering

About today...

Completely Volunteer Run Event – Highway Design Office
in partnership with our Design Review Consultants

Share Useful Information

- Policy Updates
- Practical Design Topics
- Other Resources

Thank You

- All the Presenters
- Conference Chair Corey Pressler and the production team
- Survey Responders



Hybrid Format: How-To

Everyone

Presentations Posted to Web
<https://www.in.gov/indot/engineering/highway-design/>

PDH Certificates Emailed
LAST CALL: Week after email notification!

PLEASE Complete Survey

In-Person

Paper Sign-In Sheets (AM & PM)

Hold Questions until the End

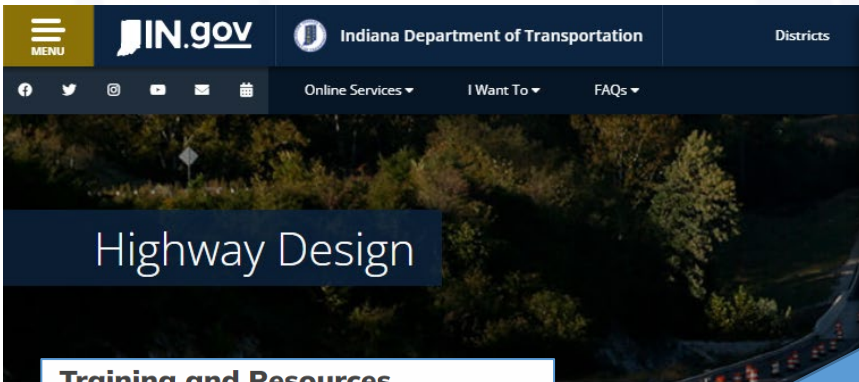
Virtual

Credit for Time in TEAMS Event

(group) create sign-in and email

Use Q&A Box (sooner the better)

Sign-off Before Event is Closed



Training and Resources

- [Design Memos 20-13 & 20-14 Q&A \(Updated 10/8/20\)](#)

Highway Design Conference 2023

- May 9, 2023, Indiana Government Center South

Highway Design Conference 2022

- [Welcome and Good Decision Making](#)
- [INDOT Policy Updates](#)
- [Pedestrian MOT Pavement Marking Updates](#)
- [Design Considerations for RCI Intersections](#)
- [Work Zone Safety: Improving Safety in WZ Transition Areas](#)

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Live event Q&A

Featured My questions Most recent

Ask a question

What's the plan?

- Level One Design Exceptions Refresher
- Policy Updates
 - Break: 9:30am - 9:45am
- Pedestrian MOT Hierarchy
- Subgrade Treatment Options
- Pavement Design 101

Lunch (Lunch is on your own): 11:45am - 1:00pm

- Traffic Project Creation in the Greenfield District
- Contract Revisions

Break: 2:30 pm - 2:45pm

- IDM Chapter 43 (Horizontal Alignment) Update
- Review Lessons Learned



MOT: Phases for Temporary Pavement

- Need Phase for MOT Pvt
 - No Shoulder Work Adjacent to Live Traffic
 - Must Shift Lanes
- Note a Standard Drawing
 - Only if Appropriate!
- Detail Layout
 - Provide Width for Barrels/Barrier
 - Protect Drop-Offs
 - IHCP Impacts



2023 INDOT Highway Design Conference

Source: <https://www.agpeltz.com/rcc-projects/285-shoulder-replacement/>

On the Radar:

Challenge:

Accounting for Utility Relocation in Environmental Impacts
Environmental Document @ STG2
Relocation Details @ STG3 (👉)

Complication:

Standard Spec Requirements for Construction Limits
Clearing for Utilities is Project Specific

Solution:

Discuss potential utility relocation areas relative to environmentally sensitive areas at the Preliminary Field Check.

Send Updated Plans to Utilities as additional Environmental Resources are discovered during project development.



No Inlet E-7's in median

203-4.04(12) "The type P inlet is used for median ditch drainage."

49-3.04(03) Drainage Inlet "Only a type N-12 or P-12A inlet will be permitted...."





General Questions



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