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Welcome	Agenda
<ul style="list-style-type: none"> • Nearly 200 Attendees <ul style="list-style-type: none"> • Central Office <ul style="list-style-type: none"> • Design • Asset Management • Research • Environmental • District <ul style="list-style-type: none"> • Capital Program • Technical Services • Construction • Federal Highway • LPA Representatives • Design Consultants • Contractors 	<p><u>8:15am—9:00am: General (S. Wagner, J. Hunter)</u></p> <p><u>9:00am—9:45am: Policy (E. Phillips)</u></p> <p><u>9:45am—10:15am: Break</u></p> <p><u>10:15am—11:00am: INDOT Plan Review (M. McCool, E. Spahr)</u></p> <p><u>11:00am—11:45am: Workzone MOT (INDOT Work Zone Safety Team)</u></p> <p><u>11:45am—1:00pm: Lunch (Lunch is on your own)</u></p> <p><u>1:00pm—2:00pm: Strut-Tie Modeling (C. Williams)</u></p> <p><u>2:00pm—2:30pm: Design Aid Updates (P. White)</u></p> <p><u>2:30pm—3:00pm: Break</u></p> <p><u>3:00pm—3:30pm: Madison 502 Tub Girders (T. Wolf)</u></p> <p><u>3:30pm—4:15pm: INDOT ABC Example Projects (S. Schickel)</u></p>

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A Little Housekeeping

- Restrooms
- Snack Shop
- Lunch on your own
 - Cafeteria Downstairs
 - Restaurants in Walking Distance
- PDH's Available
 - Sign Any Sheet!
- Presentations on web
(coming soon)



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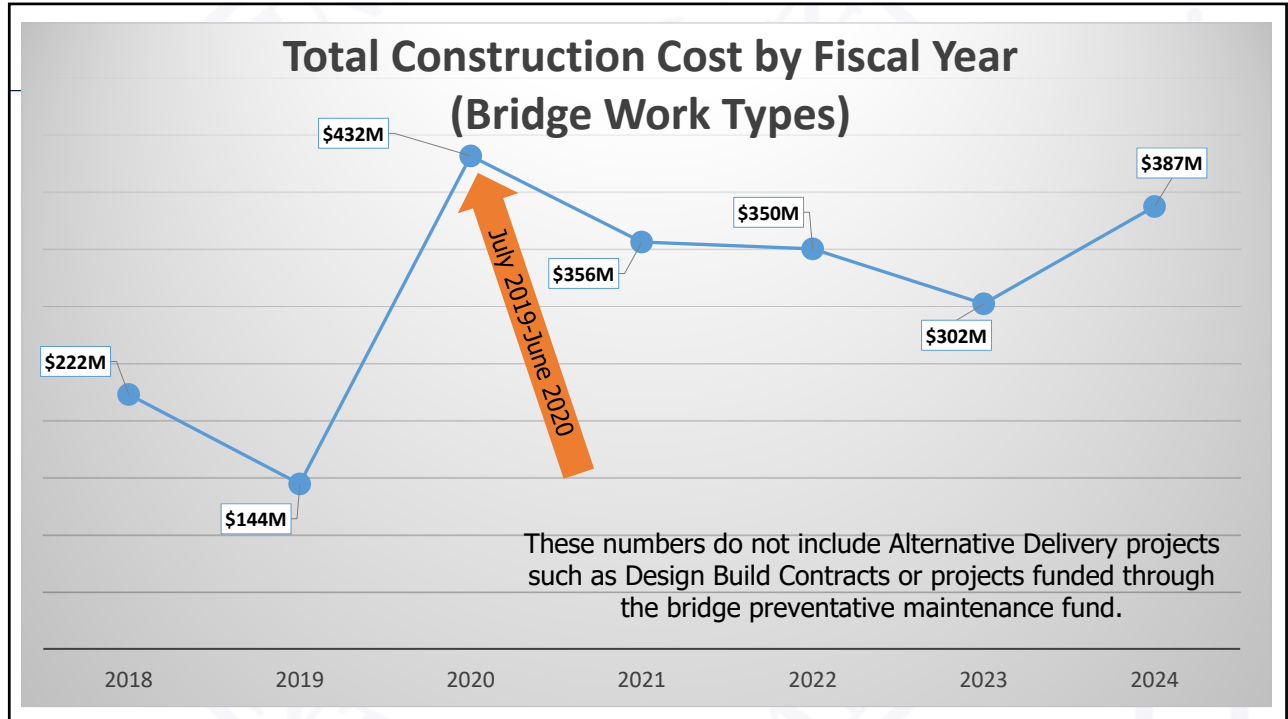
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Thank's
You

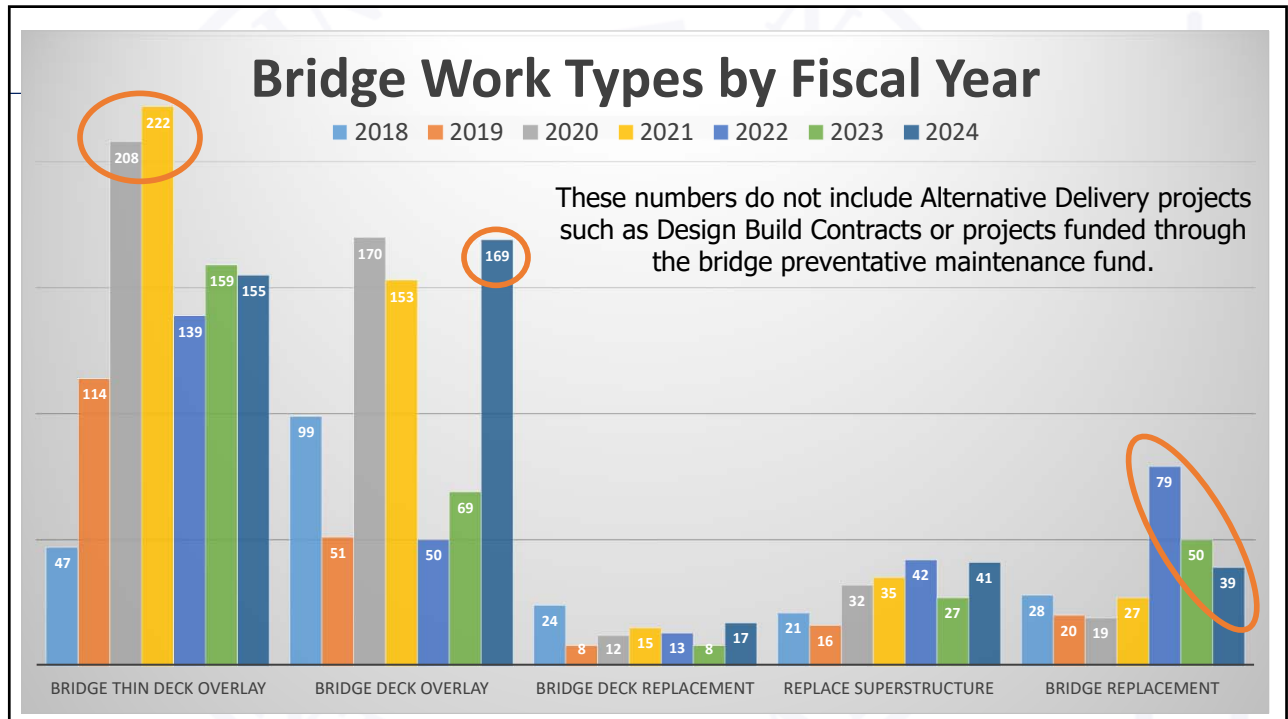
- INDOT Bridge Design Division
- Load Rating Engineers for the LPA's
- Coordination with our CO team
- All of our partners throughout the state
- Today's Presenters

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We're all in this together!

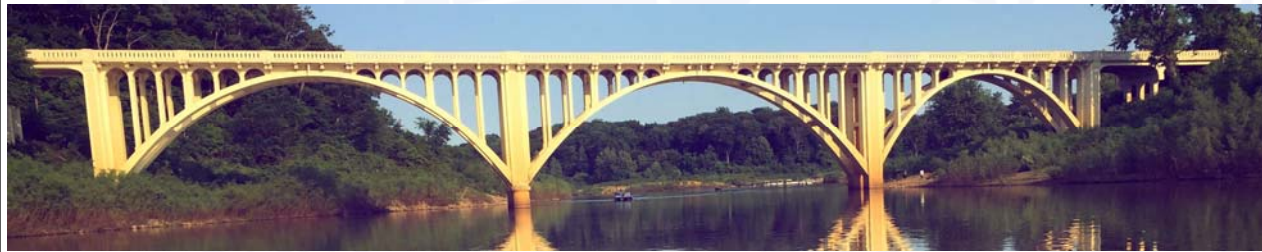
- Finding efficiencies in process
- Moving to a risk based review
- Responsibility of EOR
 - Technical Expertise
 - Documentation
 - Quality Control
- MOT is not an afterthought
- Stage 3 is 100% Plans



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Year in Review


- Shifting Roles in Bridge Design
- Pedestrian Bridges... are bridges too
- Bridge Aesthetic Policy - It's never too soon to start coordination!
- LMC-VE
- Single Row of Piles
- Hosting steel design courses in 2020
- Unit Cost by Sq. Ft. (based on 3-Part Estimator)



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BRIDGE TREATMENT	UNIT COST (\$/SFT) (3-Part Estimator)												
	(EA)	1,143 count		1,147 count		1,148 count		1,148 count		941 count		191 count	
	(SFT)	0	<= 2,650	>2,650	<= 4,590	> 4,590	<= 7,240	> 7,240	<= 11,525	> 11,525	<= 30,000	>30,000	Unlimited
	(WxL)	WxL 42 x 36		WxL 42 x 90		WxL 47 x 130		WxL 60 x 150		WxL 60 x 285		WxL 60 x 500	
	(SFT)	1512		3780		6110		9000		17100		30000	
BRIDGE PAINTING (INTER)		\$50.00		\$32.60		\$29.40		\$28.40		\$28.80		\$30.80	
BRIDGE PAINTING (NON)		\$36.00		\$26.00		\$21.60		\$18.70		\$14.80		\$12.00	
THIN DECK OVERLAY (INTER)		\$50.00		\$26.00		\$19.60		\$16.70		\$12.90		\$10.30	
THIN DECK OVERLAY (NON)		\$34.00		\$20.00		\$16.20		\$14.40		\$11.70		\$9.33	
DECK OVERLAY (RIGID) (INTER)		\$397.00		\$177.00		\$123.00		\$93.00		\$64.00		\$47.00	
DECK OVERLAY (RIGID) (NON)		\$258.00		\$125.00		\$90.00		\$71.00		\$51.00		\$40.00	


Send Thank You notes to: Erich Hart, Bridge Asset Engineer, INDOT



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BRIDGE TREATMENT	UNIT COST (\$/SFT) (3-Part Estimator)												
	(EA)	1,143 count		1,147 count		1,148 count		1,148 count		941 count		191 count	
	(SFT)	0	<= 2,650	>2,650	<= 4,590	> 4,590	<= 7,240	> 7,240	<= 11,525	> 11,525	<= 30,000	>30,000	Unlimited
	(WxL)	WxL 42 x 36		WxL 42 x 90		WxL 47 x 130		WxL 60 x 150		WxL 60 x 285		WxL 60 x 500	
	(SFT)	1512		3780		6110		9000		17100		30000	
DECK REPLACEMENT (INTER)		\$608.00		\$291.00		\$196.00		\$156.00		\$111.00		\$87.00	
DECK REPLACEMENT (NON)		\$357.00		\$190.00		\$139.00		\$111.00		\$88.00		\$73.00	
SUPER REPLACEMENT (INTER)		\$728.00		\$370.00		\$262.00		\$211.00		\$164.00		\$133.00	
SUPER REPLACEMENT (NON)		\$450.00		\$249.00		\$196.00		\$167.00		\$140.00		\$120.00	
BRIDGE REPLACEMENT (INTER)		\$1,521.00		\$741.00		\$540.00		\$422.00		\$280.00		\$240.00	
BRIDGE REPLACEMENT (NON)		\$728.00		\$397.00		\$327.00		\$278.00		\$205.00		\$200.00	

Send Thank You notes to: Erich Hart, Bridge Asset Engineer, INDOT



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INDOT/ASCE Structures Committee

- Responsible for
 - Research/Implement New Technology
 - Propose/Review Policy Changes
 - Develop this conference
 - Assist in IDM Maintenance
- Consultant Requirements
 - Licensed PE
 - ASCE Member
 - 10 Years Exp.
 - Active Designer
 - 1 Rep per Firm

- Members
 - INDOT
 - Bridge Design
 - Standards
 - Asset Management
 - Materials
 - Construction
 - Design Consultants (8)
 - FHWA (1)
 - Representatives (1 each)
 - Construction Industry
 - Precast Concrete
 - Fabrication
 - Steel



WE WANT YOU!

Google INDOT Structures Committee for info




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INDOT Bridge Design Conference

INDOT Update

January 21, 2020

Jeremy Hunter
INDOT Chief Engineer
Managing Director of Engineering



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Welcome

Meet someone you do not know



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INDOT Engineering Department



Chief Engineer,
Managing Director
of Engineering

Jeremy Hunter



Assistant Chief
Engineer, Director,
Standards & Policy

Elizabeth Phillips



Director, Bridge
Design

Stephanie Wagner



Director, Highway
Design

Vacant



Director,
Hydraulics
Engineering

Mark Bailey



Director,
Geotechnical
Services

Athar Khan



Pavement Design
Manager

Kumar Dave



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Industry Survey

[Designconsultants] Engineering Department 2019 Year In Review Customer Service survey

To designconsultants@its.in.gov

Message ATT00001.txt (453 B)

Good afternoon,

On behalf of the Engineering Department, I invite you to complete our 2019 year in review Engineering Customer Service survey. Your opinion matters to us as we strive to continuously improve and provide you with the best service.

[INDOT Engineering Customer Service Survey](#) The survey should only take 5 – 10 minutes and will close of February 28, 2020.

Please forward this email on to anyone within your group that has worked with one or more of our design disciplines (Roadway, Hydraulics, Pavement, Geotechnical Services, and Standards & Policy).

Thanks,
Elizabeth Phillips
Elizabeth Phillips
Standards and Policy Director
Engineering Department


INDOT Engineering Department

Customer Service Survey

We appreciate you taking the time to complete this short survey. Please provide us with examples for each question you rated so we can better understand what we are doing well and where we can improve our service.

1. On a scale from 1 - 5 how would you rate the overall level of service (quality of design/review, willingness to support your needs, etc.) that you received from our Central Office Bridge Design Team in 2019?

1 - Excellent
 2 - Very Good
 3 - Good
 4 - Fair
 5 - Poor



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Project Timeliness

Project milestone guidelines

- Stage 1 Review:
 - Project Design Criteria
 - Design Exceptions
- Stage 2 Review:
 - Right of Way limits
 - Traffic Maintenance Plan
 - Initial IHCP Exception reviewed
 - (if required for project)





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Project Timeliness

Project milestone guidelines

- Stage 3: What should be complete?
 - All design and plans
 - All design and policy exceptions complete, with all proposed mitigation measures incorporated into the plans
 - All project specifications
 - Permits

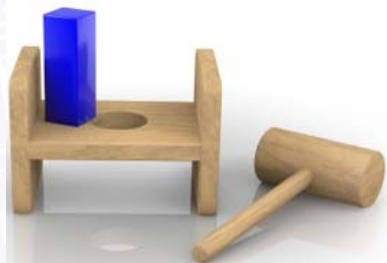
EVERYTHING

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Policy Exceptions

What should I do if I believe that an Indiana Design Manual Policy, or AASHTO Code requirement is not appropriate for my project?



Coordinate with the appropriate Engineering Department subject matter office



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Indiana Transportation Team <http://www.indianatransportationteam.org>



We, the members of the American Council of Engineering Companies of Indiana, Indiana Constructors Inc. and the Indiana Department of Transportation, through cooperation and collaboration, open and honest communication and trust, promise to strive for the safest, highest quality and best maintained transportation network in the country on behalf of all Hoosiers. In doing so, we promise to approach each and every problem as a teammate of the Indiana Transportation Team to foster and maintain a spirit of cooperation to serve Hoosiers and the traveling public.

We will continue to earn trust in each other while maintaining our membership on the Indiana Transportation Team by adhering to the following principles:

- Remembering our compensation always comes from the taxpayer.
- Endeavoring to make the most appropriate decisions while considering safety, constructability and general public welfare first and foremost.
- Believing that each problem has three teammates working towards a solution.
- Striving to make decisions at the lowest levels possible.
- Respecting the chain of command and elevating all disputes together in a transparent manner.
- Keeping in mind that INDOT, the State of Indiana and all Hoosiers are our customers.
- Enjoying professional relationships and having fun.

