

DBT Pavement Operations

October 18th 9:30 am to Noon

AM Session Question and Answer Record

Source	Type	Identity	Timestamp	Content
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:16	Good morning. We will start at 9:30 am
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:28	Good morning, Welcome to Pavment Operations!
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:28	We will start at 9:30
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:29	Class materials, adgenda and survey are on the web site. Links will be posted here shortly
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:30	Can you post the website link?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:38	Yes, it has been posted(Can you post the website link?)
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:32	Can you post a link to the website for the materials in the chat?
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:32	http://mdotwiki.state.mi.us/design/index.php/Category:Design_Basic_Training#2020_Pavement_Operations
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:35	Here is the link for the web site (http://mdotwiki.state.mi.us/design/index.php/Category:Design_Basic_Training#2020_Pavement_Operations)
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:36	The web site was done for while, but should be up now or very soon(http://mdotwiki.state.mi.us/design/index.php/Category:Design_Basic_Training#2020_Pavement_Operations)
Attendee	Question	Moideen Mathari, PE (Unverified)	8/18/2020 13:32	By joining anonimous, how can I get my PDH?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:36	It is recommended that you join with your name so it appears in the transcript of this session(Moideen Mathari, PE (Unverified) asked "By joining anonimous, how can I get my PDH?")

Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:35	Ask any questions here or you can text my cell phone at 517.256.3576
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:36	http://mdotwiki.state.mi.us/design/index.php/Category:Design_Basic_Training#2020_Pavement_Operations
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:38	The web site was down earlier. It should be back up now or will be soon(http://mdotwiki.state.mi.us/design/index.php/Category:Design_Basic_Training#2020_Pavement_Operations)
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:37	Are we muted by default?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:40	yes, attendees are muted by Microsoft Teams LIVE. That is how the platform is set up. Please send questions through this Q&A here. Thanks(Are we muted by default?)
Attendee	Question	Moideen Mathari, PE (Unverified)	8/18/2020 13:38	By joining anonymous, how can I get my PDH?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:41	It is recommended that you join using your name for CEH purposes. That way you will show up in the transcript of the session(Moideen Mathari, PE (Unverified) asked "By joining anonymous, how can I get my PDH?")
Attendee	Question	Moideen Mathari, P.E (Unverified)	8/18/2020 13:41	It won't allow me to sign in with my name
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:47	Your name shows up here. I believe you are logged in with your name(Moideen Mathari, P.E (Unverified) asked "It won't allow me to sign in with my name")
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:42	Are the Industry Partner Meetings published?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:48	I'm not sure. We can reach out to Curtis or the other presenters(Are the Industry Partner Meetings published?)
Attendee	Question	Patricia Johnson (Unverified)	8/18/2020 13:42	Present
Attendee	Question	Ivy (Unverified)	8/18/2020 13:43	When you press the share icon, it should give you the option to share with audio
Attendee	Question	Mike Torres (Unverified)	8/18/2020 13:43	how do I know if I've joined the meeting?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:54	Mike Torres I see your name here. You have joined(Mike Torres (Unverified) asked "how do I know if I've joined the meeting?")

Attendee	Response	Mike Torres (Unverified)	8/18/2020 13:56	thanks(Mike Torres (Unverified) asked "how do I know if I've joined the meeting?")
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:45	How do we get our continuing education credit
Attendee	Question	Margaret S (Unverified)	8/18/2020 13:45	Can you post the link to YouTube
Attendee	Question	Margaret S (Unverified)	8/18/2020 13:46	Can you post the link to YouTube video you showed.
Attendee	Question	Margaret S (Unverified)	8/18/2020 13:47	Can you post the link to YouTube video you showed.
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 13:48	https://www.youtube.com/watch?v=vd8rT7iZgAk (Margaret S (Unverified) asked "Can you post the link to YouTube video you showed. ")
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:49	Is this session being recorded?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 13:50	Yes. You will be able to watch the recording using the same link.(Is this session being recorded?)
Attendee	Response	Anonymous (Unverified)	8/18/2020 13:52	Thank you!(Is this session being recorded?)
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:50	Is this session being recorded?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 13:51	Yes, You will be able to watch it using the same link.(Is this session being recorded?)
Attendee	Question	Anonymous (Unverified)	8/18/2020 13:53	I am watching through TEAMS, but was never asked to sign in using my name. I would like the credits. How can I get to the sign in?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:04	It records your log in info when you select JOIN. We don't recommend choosing anonymous(I am watching through TEAMS, but was never asked to sign in using my name. I would like the credits. How can I get to the sign in?)
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:55	It is recommended that you join the session as yourself versus anonymous for CEH purposes.
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:57	Teams LIVE keeps a record of who logs in and when. We will be posting that record on the website within a week or two after the session.
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 13:57	Use the adgenda and the record of attendance to record your CEH credits
Attendee	Question	I just sent you a text Julie (Unverified)	8/18/2020 13:57	I just sent you a text Julie
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:05	I see this message. I'm going back and forth between here and my cell(I just sent you a text Julie (Unverified) asked "I just sent you a text Julie")

Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:05	Your name here is "I just sent you a text Julie"(I just sent you a text Julie (Unverified) asked "I just sent you a text Julie")
Attendee	Question	Margaret S (Unverified)	8/18/2020 14:00	Should we remove the automatic 1 year loss of RSL?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:06	I will ask at the end of Dan's presentation(Margaret S (Unverified) asked "Should we remove the automatic 1 year loss of RSL? ")
Attendee	Question	Margaret S (Unverified)	8/18/2020 14:00	Curtis Mentioned RSL of) should be based on DI of 50?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 14:02	Yes, A DI of 50 = an RSL of 0(Margaret S (Unverified) asked "Curtis Mentioned RSL of) should be based on DI of 50?")
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:01	Does the presentation team believe there would be benefit to the entire state road network (including local roads) if MDOT was the overall governing agency?
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:06	I will ask at the end of Dan's presentation(Does the presentation team believe there would be benefit to the entire state road network (including local roads) if MDOT was the overall governing agency?)
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:07	There are alot of great skills in this House!
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 14:08	Yes! Thank you!(There are alot of great skills in this House!)
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:07	Could we please get the link/content for today's info - would love to have for records - great stuff!
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:08	It was posted in the Q & A earlier. I will repost through the session as I continue(Could we please get the link/content for today's info - would love to have for records - great stuff!)
Attendee	Response	Anonymous (Unverified)	8/18/2020 14:10	Thank you! :) (Could we please get the link/content for today's info - would love to have for records - great stuff!)
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:09	Is there any movement towards officially adopting the PASER rating system for our trunkline?
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:13	How do you enter the meeting as not anonymous?
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:14	You are muted
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:14	back on now
Attendee	Question	I just sent you a text Julie (Unverified)	8/18/2020 14:17	Thank you, Julie
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:17	Is there any movement towards officially adopting the PASER rating system for our trunkline?

Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:22	I will ask when Justin is done. Thanks(Is there any movement towards officially adopting the PASER rating system for our trunkline?)
Attendee	Response	Anonymous (Unverified)	8/18/2020 14:23	Thanks so much - so sorry trying to figure out how to post to the group vs. private and haven't had luck yet. Thanks for the help! :)(Is there any movement towards officially adopting the PASER rating system for our trunkline?)
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:23	I think you intended this Q to be for Dan. Is that correct?(Is there any movement towards officially adopting the PASER rating system for our trunkline?)
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:19	can't hear him very well
Moderator	Announcement	Mark Shulick (ShulickM@michigan.gov)	8/18/2020 14:19	Here is the link to our online survey. Any feedback will be reviewed and appreciated.
Moderator	Announcement	Mark Shulick (ShulickM@michigan.gov)	8/18/2020 14:19	https://www.research.net/r/N9RVTH7
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:24	I hear nothing now
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:24	I will check on that. My audio is fine(Al Kaltenthaler (Unverified) asked "I hear nothing now")
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:26	Al - I'm thinking it might be your system(Al Kaltenthaler (Unverified) asked "I hear nothing now")
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:26	We are not getting other audio comments. We have someone listening from the attendee standpoint to check what the attendees experience(Al Kaltenthaler (Unverified) asked "I hear nothing now")
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:25	I still hear nothing
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:27	Maybe leave the session and rejoin. See if that helps(Al Kaltenthaler (Unverified) asked "I still hear nothing")
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:26	should I sign back in? I touched nothing
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:27	should I sign out and sign back in?
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:27	I did...but it wasn't seen in time before we switched presenters...i'm so sorry.
Moderator	Response	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:40	no worries(I did...but it wasn't seen in time before we switched presenters...i'm so sorry.)
Attendee	Response	Anonymous (Unverified)	8/18/2020 14:51	Great - thanks so much! :) (I did...but it wasn't seen in time before we switched presenters...i'm so sorry.)

Attendee	Question	Marshall Grazioli (Unverified)	8/18/2020 14:28	I have always been curious as to how a crush and shape base has a higher layer coefficient (0.20) than a dense grade aggregate base (0.14).It always seemed to me that it should be less. Thoughts?
Moderator	Response	Michael Eacker (Eackerm@michigan.gov)	8/18/2020 14:46	Hi Marshall. With crush and shape we can get a long-term melding of the crushed HMA pieces. This typically leads to a stiffer layer which we are seeing when we test with the falling-weight deflectometer. Resilient modulus values backcalculated from the FWD are in the range of 30,000 psi for dense graded bases, while for crush and shaped HMA layer are usually higher - as high as 100,000 psi. Thanks for the question. Mike Eacker(Marshall Grazioli (Unverified) asked "I have always been curious as to how a crush and shape base has a higher layer coefficient (0.20) than a dense grade aggregate base (0.14).It always seemed to me that it should be less. Thoughts?")
Attendee	Response	Marshall Grazioli (Unverified)	8/18/2020 14:47	I thought that something like that may be happening, but I've never seen any numbers put to it. Thanks. That helps.(Marshall Grazioli (Unverified) asked "I have always been curious as to how a crush and shape base has a higher layer coefficient (0.20) than a dense grade aggregate base (0.14).It always seemed to me that it should be less. Thoughts?")
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:29	that worked! Thx
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 14:29	Great!(that worked! thx)
Moderator	Announceme	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:31	Link to the survey is above. I will post the link to the web site next
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:34	Does MDOT use the same trucks for pavement design that they use for bridge design?
Moderator	Response	Michael Eacker (Eackerm@michigan.gov)	8/18/2020 14:47	We use data collected from Weigh-In-Motion and other permanent traffic recorders which measure actual truck axle weights and classifications.(Al Kaltenthaler (Unverified) asked "Does MDOT use the same trucks for pavement design that they use for bridge design?")
Moderator	Announceme	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:38	http://mdotwiki.state.mi.us/design/index.php/category:Design_Basic_Training#Presentations

Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:39	We will take a 15 minute break when Justin is done
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:39	What testing is used for water table?
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:40	Is seasonal water table data recommended?
Moderator	Announcement	Mark Shulick (ShulickM@michigan.gov)	8/18/2020 14:47	Here is the link to our website where the agenda, presentation, survey, etc. will be available. The attendance transcript will be made available in the next couple weeks. All materials for this training will be under the heading '2020 Pavement Operations'. http://mdotwiki.state.mi.us/design/index.php/Category:Design_Basic_Training
Attendee	Question	Al Kaltenthaler (Unverified)	8/18/2020 14:48	Does MDOT use the same trucks for pavement design that they use for bridge design?
Attendee	Question	Marshall Grazioli (Unverified)	8/18/2020 14:48	I have always been curious as to how a crush and shape base has a higher layer coefficient (0.20) than a dense grade aggregate base (0.14).It always seemed to me that it should be less. Thoughts?
Attendee	Question	where is the best location to quickly find PR Numbers? (Unverified)	8/18/2020 14:50	How is "nominal size" determined for aggregates?
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:50	Are you looking at the number of superloads on the route? some routes have many million pound plus loads continuously transporting
Moderator	Response	Michael Eacker (Eackerm@michigan.gov)	8/18/2020 14:52	No, not during the pavement design stage.(Are you looking at the number of superloads on the route? some routes have many million pound plus loads continuously transporting)
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:52	Are you looking at the number of superloads on the route? some routes have many million pound plus loads continuously transporting
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 14:53	No, not during the pavement design stage(Are you looking at the number of superloads on the route? some routes have many million pound plus loads continuously transporting)
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:53	if it helps to post to the group: here's the PR finder: https://www.mcgi.state.mi.us/prfinder/MCGI.aspx
Attendee	Question	Anonymous (Unverified)	8/18/2020 14:53	if it helps to post to the group: here's the PR finder: https://www.mcgi.state.mi.us/prfinder/MCGI.aspx

Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 14:54	We will be back about 11:07 with Ben Krom
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 15:06	We will be resuming shortly
Moderator	Announcement	Julie Townsend (TownsendJ@michigan.gov)	8/18/2020 15:07	Welcome back !
Attendee	Question	I (Unverified)	8/18/2020 15:20	If pavement values from scoping estimates point toward needing a LCCA (X>\$1.5M) - who typically coordinates/faciliates the effort from the Region/TSCs to work w/ Ben?
Moderator	Response	Michael Eacker (Eackerm@michigan.gov)	8/18/2020 15:28	We generally recieve life-cycle information from the Project Managers and/or the Region Soils Engineers.(I (Unverified) asked "If pavement values from scoping estimates point toward needing a LCCA (X>\$1.5M) - who typically coordinates/faciliates the effort from the Region/TSCs to work w/ Ben? ")
Attendee	Response	I (Unverified)	8/18/2020 15:31	Thank you! :(I (Unverified) asked "If pavement values from scoping estimates point toward needing a LCCA (X>\$1.5M) - who typically coordinates/faciliates the effort from the Region/TSCs to work w/ Ben? ")
Attendee	Question	Ivy (Unverified)	8/18/2020 15:26	Is the real discount rate the same as the inflation rate?
Attendee	Question	Margaret (Unverified)	8/18/2020 15:26	so how are we currently including the MOT costs for the LCCA evaluation.
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:27	is there reason we wouldn't compare no maint? it is simpler, and as \$ and repair methods change over time, it seems better
Attendee	Question	I (Unverified)	8/18/2020 15:28	If pavement values from scoping estimates point toward needing a LCCA (X>\$1.5M) - who typically coordinates/faciliates the effort from the Region/TSCs to work w/ Ben?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:34	We generally recieve life-cycle information from the Project Managers and/or the Region Soils Engineers.(I (Unverified) asked "If pavement values from scoping estimates point toward needing a LCCA (X>\$1.5M) - who typically coordinates/faciliates the effort from the Region/TSCs to work w/ Ben? ")
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:30	also it seems the public would like us to think of no mobility impacts
Attendee	Question	Margaret (Unverified)	8/18/2020 15:31	so how are we currently including the MOT costs for the LCCA evaluation.
Attendee	Question	Marshall Grazioli (Unverified)	8/18/2020 15:32	Do you forsee the LCCA process being required for LAP projects?

Attendee	Question	Anonymous (Unverified)	8/18/2020 15:32	Should the \$1.5M threshold be updated for inflation?
Attendee	Question	Ivy (Unverified)	8/18/2020 15:33	Is the real discount rate the same as the inflation rate?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:33	No, the Real discount rate has the inflation component removed.(Ivy (Unverified) asked "Is the real discount rate the same as the inflation rate?")
Attendee	Question	Marshall Grazioli (Unverified)	8/18/2020 15:35	Do you foresee the LCCA process being required for LAP projects?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:36	Not sure. The State LCCA Law would need to be changed first to require it. Locals could run one on their own, if they so choose.(Marshall Grazioli (Unverified) asked "Do you foresee the LCCA process being required for LAP projects?")
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:36	Should the \$1.5M threshold be updated for inflation?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:37	That would be great! But the LCCA Law would need to be updated to allow that. The original Law was \$1M, but was updated to \$1.5M in 2016 by an amendment to the Law.(Should the \$1.5M threshold be updated for inflation?)
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:38	is there reason we wouldn't compare no maint? it is simpler, and as \$ and repair methods change over time, it seems better
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:40	It would be simpler, but we include future maintenance costs (including future user delay costs) for all LCCAs. We do bring all maintenance costs into present day dollars before we perform the averaging calculation.(is there reason we wouldn't compare no maint? it is simpler, and as \$ and repair methods change over time, it seems better)
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:38	Where are we at with Cost/Benefit for GGSP/SMA? Is it currently worth it?
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:40	also it seems the public would like us to think of no mobility impacts
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:41	Correct, but in some cases that isn't possible or would be cost prohibitive.(also it seems the public would like us to think of no mobility impacts)
Attendee	Question	Patricia Johnson (Unverified)	8/18/2020 15:42	what about the newly added work types?
Moderator	Response	Benjamin Krom (KromB@michigan.gov)	8/18/2020 15:43	Could you please clarify your question?(Patricia Johnson (Unverified) asked "what about the newly added work types?")
Attendee	Response	Patricia Johnson (Unverified)	8/18/2020 16:32	He addressed my question.(Patricia Johnson (Unverified) asked "what about the newly added work types?")
Attendee	Question	Anonymous (Unverified)	8/18/2020 15:55	Mototcycles on milled pavement cause some safety concerns