

AREMA Committee 6 – Building and Support Structures

Fall Meeting Minutes

Date: Monday, October 25, 2021 at 3:00 pm Eastern.

Location: In Person / Conference Call

Subject: AREMA Committee 6 – General Discussion

Meeting Attendees:

Ryan Gottsch	Jim Michel	Glen Smith	Eric Lechowicz
Tom Srodin	Kelly Giblin	Monoj Sircar	Al Kostelnik
Kelly Ortiz	Cassie Gougar	Trent Hudak	Anamaria Bonilla
Joe Bajalia	Sam Issa		

Members who advised that they are unable to participate in the meeting:

John Lyon	Bobby Bishop	Wayne Bostic	John Smith
Eric Kaplan	Derek Brown	Jerad Harmsen	Phil Hartzel
Chris Rand	Kevin Driver	Ken Hanson	Josh Cardin
Angelo Crisafulli			

1. Call to Order
  - a. Previous month's meeting minutes – no exceptions.
2. Old Business
  - a. Subcommittee Reports:
    - Parts will be assigned when updates are needed. Yellow highlighted parts below are overdue and require a Chair to be assigned to update.
    - Look to review at least one part during the Fall and Spring meetings.
    - AREMA looks to parts to be reviewed / updated every 7 years.

Part 1	Specifications and General Design Criteria for Railway Buildings			
	Chair:	Monaj Sircar	Vice Chair:	
	Last Update:	2003	Scheduled Update:	Overdue
	Notes:	Ballot passed. To be reviewed at next board meeting.		
Part 2	Design Criteria for Office Buildings			
	Chair:	Bobby Bishop	Vice Chair:	Eric Lechowicz
	Last Update:	1991	Scheduled Update:	Overdue
	Notes:	Progressing edits. Did not have time to review at Fall Meeting.		
Part 3	Design Criteria for Spot Repair Shops			
	Chair:	Ryan Gottsch	Vice Chair:	
	Last Update:	2021	Scheduled Update:	2028
	Update:	N/A		
Part 4	Design Criteria for Diesel Repair Facilities			
	Chair:	Al Kostelnik	Vice Chair:	
	Last Update:	2012	Scheduled Update:	Overdue
	Notes:	Progressing Updates.		
Part 5	Energy Conservation and Audits			
	Chair:	Eric Lechowicz	Vice Chair:	Tom Srodin
	Last Update:	2018	Scheduled Update:	2025
	Notes:	Progressing updates. How do we look to sustainable design perspectives?		

		Change title to sustainability, then Energy could become a subset. Resiliency? How do we manage the topics without feeling like we are biting of more than we can chew. Develop an outline of topics.		
Part 6	Locomotive Sanding Facilities			
	Chair:	Sam Issa	Vice Chair:	
	Last Update:	2011	Scheduled Update:	Overdue
	Notes:	Ballot passed. To be reviewed at next board meeting.		
Part 7	Design Criteria for Railway Materials Management Facilities			
	Chair:	Ryan Gottsch	Vice Chair:	
	Last Update:	1999	Scheduled Update:	Overdue
	Update:	No progress.		
Part 8	Design Criteria for Railway Passenger Stations			
	Chair:	Jim Michel	Vice Chair:	
	Last Update:	2014	Scheduled Update:	2021
	Update:	Ballot passed. To be reviewed at next board meeting.		
Part 9	Design Criteria for Centralized Maintenance-of-Way Equipment Repair Shops			
	Chair:		Vice Chair:	
	Last Update:	2020	Scheduled Update:	2027
	Update:	Looking for volunteer to chair.		
Part 10	Design Criteria for Observation Towers			
	Chair:		Vice Chair:	
	Last Update:	2018	Scheduled Update:	2025
	Notes:	Looking for volunteer to chair.		
Part 11	Design Criteria for CTC Centers			
	Chair:	Jim Michel	Vice Chair:	
	Last Update:	2021	Scheduled Update:	2028
	Update:	N/A		
Part 12	Design Criteria for Locomotive Washing Facility			
	Chair:	Ryan Gottsch	Vice Chair:	Bobby Bishop
	Last Update:	2015	Scheduled Update:	2022
	Notes:	No progress.		
Part 13	Passenger Rail (Coach)/Locomotive Maintenance, Repair and Servicing Facilities			
	Chair:	Nathan Reinard	Vice Chair:	
	Last Update:	2003	Scheduled Update:	Overdue
	Update:	To start progressing updates again. Jim to send information to Nathan. Look to work with APTA on review. Look to set up a separate call with the committee to get input. Do we look to pull create a separate propulsion section/part?		
Part 14	Roofing Systems Descriptions and Recommendations for Selection			
	Chair:	Joe Bajalia	Vice Chair:	
	Last Update:	2010	Scheduled Update:	Overdue
	Notes:	In progress. Getting close to sending out to group for initial review.		
Part 15	Inspection of Railway Buildings			
	Chair:	Anamaria Bonilla	Vice Chair:	
	Last Update:		Scheduled Update:	Overdue
	Notes:	Progressing updates. Review completed at meeting. Edits to be updated and sent back out to team for review by end of year.		
Part 16	Design Criteria for Main Line Fueling Facilities			
	Chair:	Glen Smith	Vice Chair:	
	Last Update:	2002	Scheduled Update:	Overdue

	Update:	Were able to review through half of the part. Potentially complete in at Decembers monthly meeting.		
Part 17	Design Criteria for New Rail Yard Plant Utilities			
	Chair:	John Smith	Vice Chair:	Eric Kaplan
	Last Update:	1990	Scheduled Update:	Overdue
	Update:	In Progress. Close to finalizing draft for review.		
Part 18	Yard Air			
	Chair:	Eric Kaplan	Vice Chair:	Chris Chapman
	Last Update:	N/A	Scheduled Update:	N/A
	Update:	In progress.		

b. Open Ballots – No Open Ballots

Part #	Ballot			[Ballot Close Date]
	Approve:	Not Approve:	DNV:	
Part #	Ballot			[Ballot Close Date]
	Approve:	Not Approve:	DNV:	
Part #	Ballot			[Ballot Close Date]
	Approve:	Not Approve:	DNV:	

3. New Business

a. AREMA Updates:

- The AREMA 2021 Virtual Conference is now available On Demand and you can still register to obtain 14.25 Professional Development Hours (subject to the individual's state board's final authority). Thank you to all who attended – you still have access to the Conference On Demand!
- Save the Date for AREMA 2022 Annual Conference & Expo, August 28-31 in Denver, Colorado at the Colorado Convention Center. The 2022 Call for Papers is now accepting Abstracts on subjects of interest to the railway engineering community. The deadline to submit is December 10, 2021.
- Membership Renewal Season is now open and we encourage you and your colleagues to renew your dues. If members have colleagues that aren't members, encourage them to participate and get involved with Committees. See Committee Recruitment Flyer attached.
- AREMA now has 30 AREMA Technical Committees with the addition of Committee 35 – Information Technology. Pass these details to IT Professionals so they can get involved and be part of the formation of recommended practices related to Information Technology. The purpose of Committee 35 is to continually review current and new information technology applications for monitoring and maintaining wayside infrastructure and passenger facilities, service and assistance systems and to recommend associated industry practices with the overall goal of improving the safety, efficiency, reliability and quality of train operations and services.
- The 2022 AREMA Educational Foundation Scholarship application is now open online. The deadline to apply is December 3, 2021. Please donate to the AREMA Educational Foundation by the end of the year (Your gift is tax deductible to the fullest extent of current law). See Educational Foundation flyer attached or donate online. Thank you for supporting the next generation.
- Review our new Educational Page that highlights upcoming and On Demand educational opportunities.

- The success of the AREMA Podcast, Platform Chats has been immeasurable. Walt Bleser (Principal, Unabridged Structures, LLC), the Host serves as Director, Structures - Functional Group on the Board of Directors. We currently have seven episodes streaming. Feel free to link this on personal social media outlets (Twitter, LinkedIn, etc). It's been very successful, but we need more listeners and promotion would be appreciated. Send this to folks new to the industry or to potential new members as a recruitment tool. AREMA Podcast: Platform Chats
    - 25 Focused podcasts
    - 30 – 45 min each typical
    - Looking to stay relevant by utilizing technology perspectives.
  - b. Alternate Fuels and Committee 6's role?
    - Alternate fuels themselves fall under LMOA.
    - Look to develop facility considerations for use of alternate fuel
      - Code perspectives, Connection Points, UL Listable
    - Create guidelines for best practices on different options. As these develop, options will come and go until an industry standard is developed.
    - To reach out to LMOA to see their opinion.
  - c. Carbon Reduction as a perspective?
    - How do we look at alternate construction methods or materials?
    - A presentation topic for different industries to present. Pros & Cons of different methods and materials.
  - d. Watford Fellowship
    - Sponsoring another webinar, Jan 22, Network Rail & Irish Rail
    - 8:00 am Eastern, 90 – 120 min.
    - Committee 6 has open invitation
    - AREMA Watford Fellow, applications open.
  - e. Additional Business
    - None
  - f. Trent's Comments
    - Virtual Conference attendance was up this year from 2020.
    - Webinars are on the increase. Many are conversions from seminars.
    - Listen to the Podcasts!
4. Next Meeting:
- a. November Monthly call cancelled (Nov 3).
  - b. December Conference Call: December 1, 2021
5. Part Review:
- a. Part 15 – Inspection of Railway Buildings
    - Review completed. To update comments.
  - b. Part 16 – Design Criteria for Mainline Fueling Facilities
    - Was able to review through half of the part.
  - c. Part 2 – Design Criteria for Office Buildings
    - No review performed.

The above represents the writer's interpretation of the points raised and discussions held. If any corrections and/or additions/deletions are required please bring them to my attention by the close of business on November 5, 2021.

Regards, Ryan Gottsch, PE