

	ORIGINAL ISSUE DATE: 01/31/2025	NUMBER EP4000
	REVISED DATE: 02/21/2025	PAGE Page 1 of 2
	RECOMMENDED: Director Facilities Design David R. Pittman	DATE: 01/31/25
	RECOMMENDED: Deputy Chief Engineer Structures Paul DeSignore	DATE: 01/31/25
TITLE AMTRAK ENGINEERING STRUCTURES STANDARD DESIGN PRACTICES (SDP)	APPROVED: AVP Engineering & Design Steven Humes	DATE: 01/31/25

EP4000 Structures Standard Design Practice (SDP) Sub-Component Description	Revision Date	Approved By:	SDP No.
Section 0 - General			
Table of Contents	01/31/25	D. Pittman	0.00
Introduction and Glossary	01/31/25	D. Pittman	0.01
Section 1 – Design Contract Technical Delivery Requirements			
Design Contract Technical Delivery	02/21/25	D. Pittman	1.00
Section 2 – Adopted Codes and Standards			
Amtrak Adopted Codes and Standards	02/21/25	D. Pittman	2.00
Section 3 – Minimum Technical Requirements			
Introduction to Minimum Technical Requirements	01/31/25	D. Pittman	3.00
Chapter 1 – General Design Requirements	01/31/25	D. Pittman	3.01
Chapter 2 – Existing Conditions (no content)	01/31/25	D. Pittman	3.02
Chapter 3 – Concrete	01/31/25	D. Pittman	3.03
Chapter 4 – Masonry	01/31/25	D. Pittman	3.04
Chapter 5 – Metals	01/31/25	D. Pittman	3.05
Chapter 6 – Woods, Plastics, and Composites	01/31/25	D. Pittman	3.06
Chapter 7 – Thermal and Moisture Protection	01/31/25	D. Pittman	3.07
Chapter 8 – Openings	01/31/25	D. Pittman	3.08
Chapter 9 – Finishes	01/31/25	D. Pittman	3.09
Chapter 10 – Specialties	01/31/25	D. Pittman	3.10
Chapter 11 – Equipment (no content)	01/31/25	D. Pittman	3.11
Chapter 12 – Furnishings	01/31/25	D. Pittman	3.12
Chapter 13 – Special Construction	01/31/25	D. Pittman	3.13
Chapter 14 – Conveying Equipment	01/31/25	D. Pittman	3.14
Chapters 15 through 20 (no content)	N/A	N/A	N/A
Chapter 21 – Fire Suppression	01/31/25	D. Pittman	3.21
Chapter 22 – Plumbing	01/31/25	D. Pittman	3.22
Chapter 23 – Heating, Ventilation, and Air Conditioning (HVAC)	01/31/25	D. Pittman	3.23
Chapters 24 through 25	N/A	N/A	N/A
Chapter 26 – Electrical	01/31/25	D. Pittman	3.26
Chapter 27 – Communications (no content)	01/31/25	D. Pittman	3.27
Chapter 28 – Electronic Safety and Security	01/31/25	D. Pittman	3.28
Chapters 29 through 30	N/A	N/A	N/A
Chapter 31 – Earthwork	01/31/25	D. Pittman	3.31
Chapter 32 – Exterior Improvements	01/31/25	D. Pittman	3.32
Chapter 33 – Utilities	01/31/25	D. Pittman	3.33
Chapter 34 – Transportation	01/31/25	D. Pittman	3.34
Chapter 51 - Accessibility	01/31/25	D. Pittman	3.51
Discipline Chapter 52 –Tunnels	00/00/20xx	<>	3.52
Discipline Chapter 53 – Bridges, Culverts & Miscellaneous Structures	00/00/20xx	<>	3.53
Discipline Chapter 54 – Discipline Guidance – Stations	00/00/20xx	<>	3.54

	ORIGINAL ISSUE DATE: 01/31/2025	NUMBER EP4000
	REVISED DATE: 02/21/2025	PAGE Page 2 of 2
	RECOMMENDED: Director Facilities Design David R. Pittman	DATE: 01/31/25
	RECOMMENDED: Deputy Chief Engineer Structures Paul DeSignore	DATE: 01/31/25
	APPROVED: AVP Engineering & Design Steven Humes	DATE: 01/31/25
	TITLE AMTRAK ENGINEERING STRUCTURES STANDARD DESIGN PRACTICES (SDP)	

EP4000 Structures Standard Design Practice (SDP) Sub-Component Description	Revision Date	Approved By:	SDP No.
Regional Chapter 55 – Regional Guidance (NYP, WUS, etc.)	00/00/20xx	<>	3.55
Section 4 – Commissioning			
<future placeholder>	00/00/20xx	<>	4.xx