



TITLE	RAIL-ASCE-40LB	UNITS	INCH	SCALE	1:1	DRAWN	JMS	DATE	5/14/2021
	RAIL					SPLICE BAR			CROSS SECTION
SECTION #	4040	STD LENGTH	20"	AREA	IN ²				3.94
STD LENGTH	30'	LBS / PAIR	9.09	SEC. MODULUS HEAD	IN ³				3.59
STD DRILLING	2-1/2"x5" w 7/8" HOLES	PAIRS / NET TON	5.0	SEC. MODULUS BASE	IN ³				3.90
CLIP No.	103, 114, 120	PAIRS / TRACK MILE	352.0	MOM. INERTIA	IN ⁴				6.54
TRACK FT / NET TON	75.	BHON TRACK BOLT	3/4"x3"	ALL WEIGHTS BASED ON THEORETICAL VALUES					
NET TONS / TRACK MILE	70.4	LBS / BOLT, LW & NUT	0.74						