



FY2018 & FY2019–2022 Capital Program Overview

Metra Board of Directors

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2018 – 2022: Capital Program Funding

Funding Sources (in \$Millions)

Federal Base Program	2018	2019-2022	<u>Total</u>
State of Good Repair (5337)/ Formula (5307)	\$171.6	\$706.1	\$877.7
Sub–Total Federal Base Program	\$171.6	\$706.1	\$877.7
Supplemental			
Federal Congestion Mitigation & Air Quality (CMAQ)	0.0	45.1	45.1
RTA Innovation, Coordination, and Enhancement (ICE)	4.9	10.2	15.1
RTA State of Good Repair Bonds	0.0	71.1	71.1
Metra Farebox Capital	20.3	128.4	160.5
Sub–Total Federal Base Program	\$ 25.2	\$254.8	\$280.0
Capital Program Total*	\$196.8	\$960.9	\$1,157.7

* May Not Total Due To Rounding

Major Capital Projects for 2018

<u>Project</u>	<u>2018</u>
Locomotive Rehabilitation	\$20.5 M
Car Rehabilitation	18.5 M
New Gallery Cars	23.7 M
PTC	30.0 M
Bridges	9.0 M
Total*	\$101.7 M

Major Capital Projects account for 52% of the total 2018 Capital Program.

*May Not Total Due To Rounding

Innovation, Coordination, Enhancement - ICE

<u>Project</u>	<u>2018</u>
GPS/Train Tracking	\$3.0 M
LED Conversion – Amerail Cars	0.9 M
Downtown Terminals- Info Displays	0.9 M
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Total*	\$4.8 M

* May Not Total Due To Rounding

Capital Program Overview By Asset Category

<u>Asset Categories</u>	<u>2018</u> <u>(in \$Millions)</u>	<u>2019-2022</u> <u>(in \$Millions)</u>	<u>TOTAL</u>
Rolling Stock	\$71.7	\$531.4	\$603.1
Track and Structure	39.6	135.5	175.1
Signal, Electrical and Communication	39.7	100.0	139.7
Facilities and Equipment	24.4	67.0	91.4
Stations and Parking	5.5	57.1	62.6
Support Activities	15.9	69.9	85.8
Total *	\$196.8	\$960.9	\$1,157.7

*May Not Total Due To Rounding

2018 Capital Program – Rolling Stock

<u>PE</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> (in \$Millions)
5201	TRACTION MOTORS	MET	1.6
5202	LOCOMOTIVE & CAR IMPROVEMENTS	MET	1.0
5203	WHEEL REPLACEMENT	MET	3.0
5208	LED CONVERSION – AMERAIL (ICE)	MET	0.9
5205	LOCOMOTIVE REHABILITATION	MET	20.0
5006	NEW GALLERY CAR PURCHASE	MET	23.7
5007	CAR REHABILITATION (NIPPON SHARYO P-2)	MET	5.9
5207	CAR REHABILITATION (NIPPON SHARYO P-3)	MET	12.6
5204	LOCOMOTIVE REBUILD	MET	0.5
5010	CAR AND LOCOMOTIVE CAMERAS	MET	2.5
Rolling Stock Total*			\$71.7

* May Not Total Due To Rounding



2018 Capital Program – Track & Structure

<u>PE</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> (in \$Millions)
5211	TIES, BALLAST & SW HEATERS	BNS	3.0
5212	TIES AND BALLAST	MED	2.5
5213	TIES AND BALLAST	MWD	3.0
5214	TIES AND BALLAST	RID	2.5
5215	TIES AND BALLAST	UPR	1.5
5222	UNDERCUTTING & SURFACING	MED	0.1
5223	UNDERCUTTING & SURFACING – 50/50	MWD	0.3
5224	UNDERCUTTING & SURFACING	MWD	0.2
5225	UNDERCUTTING & SURFACING	RID	0.4
5227	RAIL REPLACEMENT	BNS	2.4
5228	RAIL REPLACEMENT	MED	2.0
5230	RAIL REPLACEMENT	MWD	1.0
5231	RAIL REPLACEMENT	RID	1.5
5232	RAIL REPLACEMENT	UPR	1.0
Track & Structure Sub-Total 1*			\$21.4

*May Not Total Due To Rounding



2018 Capital Program – Track & Structure

<u>PE</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> (in \$Millions)
5220	NCS IMPROVEMENTS	NCS	0.8
5234	CROSSINGS (ROAD & TRACK)	MED	2.0
5237	CROSSINGS (ROAD & TRACK)	RID	1.0
5236	CROSSINGS (ROAD & TRACK)	MWD	1.0
5238	CROSSINGS (ROAD & TRACK)	UPR	0.5
5239	BRIDGES & RETAINING WALLS	BNS	3.0
2112	NORTH LINE BRIDGES (PHASED)	UPR	3.0
5244	CATENARY STRUCTURE REHAB	MED	0.8
5247	RIGHT OF WAY FENCING	MET	0.1
5240	BRIDGE A-32	MWD	6.0
Track & Structure Sub-Total 2			\$18.2
Track & Structure Sub-Total 1			\$21.4
Track & Structure Total*			\$39.6

*May Not Total Due To Rounding



2018 Capital Program – Signal, Electrical & Communications

<u>PE</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> (in \$Millions)
4343	POSITIVE TRAIN CONTROL	MET	30.0
5149	LAKE STREET INTERLOCKER	UPR	1.5
5253	SIGNAL SYSTEM UPGRADES	MED	0.5
5254	SIGNAL SYSTEM UPGRADES	MWD	0.5
5255	SIGNAL SYSTEM UPGRADES	RID	0.5
5256	SIGNAL SYSTEM UPGRADES	UPR	0.5
4842	16 th STREET INTERLOCKER	RID	1.5
4254	TRACTION POWER SUBSTATIONS	MED	0.5
5257	RONDOUT INTERLOCKING RENEWAL	MWD	3.0
5285	DOWNTOWN TERMINALS INFO DISPLAY (ICE)	MET	0.9
4746	IMPEDANCE BONDS	MED	0.3
Signal, Electrical & Communications Total*			\$39.7

*May Not Total Due To Rounding



2018 Capital Program – Facilities & Equipment

<u>PE*</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> <u>(in \$Millions)</u>
5260	YARD IMPROVEMENTS	BNS	2.4
5261	YARD IMPROVEMENTS	MED	0.9
5262	YARD IMPROVEMENTS	MWD	1.0
5264	YARD IMPROVEMENTS	RID	0.8
5265	YARD IMPROVEMENTS	UPR	0.7
5266	CREW FACILITY	UPR	0.5
5269	RIGHT OF WAY EQUIPMENT	MET	1.5
5271	EQUIPMENT & VEHICLES MECHANICAL	MET	1.0
5268	POLICE VEHICLES	MET	0.5
5270	OFFICE EQUIPMENT	MET	0.3
5272	IT COMPONENTS & SERVICES	MET	2.2
5273	POLICE DISASTER & SECURITY CENTER	MET	0.5
5267	547 BUILDING IMPROVEMENTS	MET	0.2
5171	GPS/TRAIN TRACKING	MET	4.0
5171	GPS/TRAIN TRACKING (ICE)	MET	3.0
4852	FINANCIAL SYSTEM REPLACEMENT	MET	4.9

Facilities & Equipment Total*

\$24.4

*May Not Total Due To Rounding



2018 Capital Program – Stations & Parking

<u>PE</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> (in \$Millions)
5280	ADA IMPROVEMENTS	MET	3.0
5281	SYSTEMWIDE STATION IMPROVEMENTS	MET	1.0
5282	STATION FACILITY IMPROVEMENTS	MED	1.5
Station and Parking Total*			\$5.5

*May Not Total Due To Rounding



2018 Capital Program – Support Activities

<u>PE</u>	<u>Project Name</u>	<u>Rail Line</u>	<u>Amount</u> (in \$Millions)
5290	INFRASTRUCTURE ENGINEERING	BNS	1.0
5291	INFRASTRUCTURE ENGINEERING	MED	1.0
5292	INFRASTRUCTURE ENGINEERING	MWD	2.0
5293	INFRASTRUCTURE ENGINEERING	RID	3.0
5294	INFRASTRUCTURE ENGINEERING	UPR	1.0
5296	UNANTICIPATED CAPITAL	MET	1.6
5297	LOCALLY FUNDED PROJECTS/MATCH	MET	1.0
5298	PROJECT ADMINISTRATION	MET	1.5
5095	METRA CAPITAL FUNDING	MET	2.4
5299	CONTINGENCIES	MET	1.4
Support Activities Total*			\$15.9

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