

Attachment C - FY 19 List of Programming for Rehabilitation and Capital Projects

RANK	PROJECT No.	METRO COST	DESCRIPTION	COMMENTS
FY 18 All Share	247	\$ 399,190	Rail Grinding Systemwide	
FY 18 All Share	485	\$ 552,473	MOW Vehicle Replacement	Purchase of a total 10 hy-rail trucks and MOW vehicles
FY 18 All Share	1039	\$ 56,858	Replace Public Address System	
FY 18 All Share	1058	\$ 132,820	Replace Car shop Jacks at CMF	
FY 18 All Share	1221	\$ 450,063	PTC Lab Systems Support and Testing	
FY 18 All Share	1223	\$ 283,813	Back Office Systems Upgrades and Testing Support	
FY 18 All Share	1247	\$ 522,500	PTC On-Board Software Upgrades, Hardware Repair	
FY 18 All Share	1091	\$ 36,159	Condition Based Maintenance Tools, PC and Analysis Software	Consider more urgent track & structure Rehab. Refer to sampling of track & structure rehab in Attachment D
FY 18 All Share	1222	\$ 536,750	Back Office Hardware & Software Replacement	Consider more urgent track & structure Rehab. Refer to sampling of track & structure rehab in Attachment D
FY 18 All Share	1041	\$ 471,568	Trapeze Maintenance Management System Software Upgrade	Consider more urgent track & structure Rehab. Refer to sampling of track & structure rehab in Attachment D
FY 18 All Share	1274	\$ 356,250	Preform SOGR Engineering, Track Measurements and Prioritization	Consider more urgent track & structure Rehab. Refer to sampling of track & structure rehab in Attachment D
FY18 River	310	\$ 252,605	Grade Crossing Rehab - 2 Locations on River Sub	Coordination and execution should be through the LINK US project.
FY18 River	311	\$ 483,089	Signal System Rehab	Coordination and execution should be through the LINK US project.
FY18 River	312	\$ 475,000	Phase 1 - Signal System Rehab at CP Terminal	Coordination and execution should be through the LINK US project.
FY18 River	1155	\$ 47,785	Replace Worn Electrical Switch Lock at 140.080 West Bank	Coordination and execution should be through the LINK US project.
FY18 River	1167	\$ 159,572	Signal System Rehab at CP Capital	
FY18 River	1237	\$ 47,500	Wayside Communication System Replacement Parts	Coordination and execution should be through the LINK US project.
FY18 River	1285	\$ 893,950	LA Union Station Track Rehabilitation	Coordination and execution should be through the LINK US project.
FY 18 ALL SHARE & RIVER SUBTOTAL		\$ 6,157,945		
FY18 Line	178	\$ 917,940	Replacement of the turnouts on the San Gabriel Sub	
FY18 Line	318	\$ 557,480	Grade Crossing Rehab - 2 Locations on Valley Sub	
FY18 Line	1233	\$ 45,000	Wayside communication System Replacement Parts	
FY18 Line	1235	\$ 60,000	Wayside communication System Replacement Parts	
FY18 Line	1240	\$ 100,000	Wayside communication System Replacement Parts	
FY18 Line	1244	\$ 50,000	Wayside communication System Replacement Parts	
FY18 Line	1164	\$ 329,160	Grade Crossing Rehab - 2 Locations on San Gabriel Sub	
FY18 Line	308	\$ 305,760	Grade Crossing Rehab - San Gabriel Sub	
FY18 Line	1099	\$ 250,800	Station Pedestrian Crossing Rehab	
FY18 Line	1218	\$ 1,535,250	Ventura Track Rehab	
FY18 Line	317	\$ 307,164	Rehab Worn or Defective Cables on the San Gabriel Sub	
FY 18 LINE SUBTOTAL		\$ 4,458,554		
FY 19 All Share	1348	\$ 95,000	TVM End of Life Components	
FY 19 All Share	1408	\$ 278,477	Rialto Avenue - Grade Crossing Warning Equip Rehab	
FY 19 All Share	1409	\$ 278,477	Walnut Street- Grade Crossing Warning Equip Rehab	
FY 19 All Share	1342	\$ 316,113	Replace rubber window gaskets in 50 ROTEM Cars	
FY 19 All Share	1343	\$ 528,248	HVAC Overhaul in 40 ROTEM Cars	
FY 19 All Share	1344	\$ 274,313	Overhaul side door motors in 50 ROTEM Cars	
FY 19 All Share	1496	\$ 473,385	Rail Grinding Systemwide	
FY 19 All Share	1109	\$ 272,700	ADA enhancements	
FY 19 All Share	272	\$ 402,563	PTC Lab Systems Support and Testing	
FY 19 All Share	1064	\$ 455,157	Purchase Electric Train Car mover for EMF	
FY 19 All Share	1389	\$ 344,328	Systemwide Track Asset Condition Assessment	
FY 19 All Share	1346	\$ 1,656,325	ROTEM Passenger Rail Cars Push Back Coupler Overhaul	
FY 19 All Share	1061	\$ 522,441	Locomotive and Cab car Camera & DVR Replacement	
FY 19 All Share	1313	\$ 265,639	Phase 2 - Replace Car Shop Jacks at CMF	
FY 19 All Share	133	\$ 118,608	Switch Rehab Projects for SCRRA's business network on age base assessment	
FY 19 All Share	300	\$ 93,998	Purchase Hy-Rail Bucket Truck	
FY 19 All Share	1054	\$ 432,630	Renovate Restrooms, partitions & gates at CMF and MOC	
FY 19 All Share	1798	\$ 218,013	Vehicle Replacements (Trucks & Hy-Rail Truck)	
FY 19 All Share	1394	\$ 559,075	Enterprise Asset Management Migration - Systemwide	
FY 19 All Share	237	\$ 593,750	Arroyo Seco Bridge Replacement	
FY 19 ALL-SHARE SUBTOTAL		\$ 8,179,240		
FY 19 River	1518	\$ 35,522	Wayside Communications Software	
FY 19 River	1166	\$ 30,514	Signal Replace Battery Cells	Coordination and execution should be through the LINK US project.
FY 19 River	1411	\$ 41,591	Signal Replace Control Point System	Coordination and execution should be through the LINK US project.
FY 19 River	1414	\$ 858,705	Signal System Rehab	Coordination and execution should be through the LINK US project.
FY 19 River	1388	\$ 1,343,775	Replace Worn Rail Sections and Turnouts	
FY 19 River	1239	\$ 26,641	Wayside Communications System Design and Slot Planning	
FY 19 River	1349	\$ 287,375	LAUS West Portal Ticket Booth Expansion	Consider more urgent track & structure Rehab. Refer to sampling of track & structure rehab in Attachment D
FY 19 River	1347	\$ 380,000	CMF Drainage Re-direction Phase II	
FY 19 River	1536	\$ 2,386,875	Union Station Track & Signal Rehab	Coordination and execution should be through the LINK US project.
FY 19 River	349	\$ 313,330	Signal System Rehab	Coordination and execution should be through the LINK US project.
FY 19 River	1154	\$ 2,742	Signal Replace AC Meter	Coordination and execution should be through the LINK US project.
FY 19 RIVER SUBTOTAL		\$ 5,707,070		
FY 19 Line	1399	\$ 326,436	Signal Grade Crossing Rehab	
FY 19 Line	1401	\$ 326,436	Signal Grade Crossing Rehab	
FY 19 Line	1426	\$ 144,980	Signal Replace Power Supply	
FY 19 Line	1428	\$ 358,710	Signal Replacement Equipment Shelter	
FY 19 Line	998/418	\$ 223,850	ROW Grading and Ditching	
FY 19 Line	998/420	\$ 223,850	ROW Grading and Ditching	
FY 19 Line	1459	\$ 90,000	Communications Upgrade CIS	
FY 19 Line	1386	\$ 3,098,100	Track Rehab	
FY 19 Line	1405	\$ 326,436	Signal Grade Crossing Rehab	
FY 19 Line	1407	\$ 326,436	Signal Grade Crossing Rehab	
FY 19 Line	1384	\$ 464,400	Structures Bridge Replacement	
FY 19 LINE SUBTOTAL		\$ 5,909,634		
FY 19 Special	1120	\$ 9,618,750	Bombardier (Sentinel) Passenger Rail Cars Midlife Overhaul	
FY 19 LINE SUBTOTAL		\$ 9,618,750		
SUBTOTAL		\$ 40,031,193	(\$10,616,499 for FY 18 and \$29,414,694 for FY 19)	

DEFERRED REVENUE REPROGRAMMING UNDER SEPARATE BOARD ACTION				
RANK	PROJECT No.	METRO COST	DESCRIPTION	COMMENTS
FY 19 Line	1212	\$ 750,000	Tunnel 25 Urgent Track, Ties and Drainage Rehab	Through field assessment and SCRRA coordination
FY 19 Capital	219	\$ 950,000	CMF Tail Tracks (Design Only)	
SUBTOTAL		\$ 1,700,000		
TOTAL		\$ 41,731,193		