

DRPT Transit Capital Prioritization - Example SGR/Minor Enhancement Projects

Project	Project Type	Subtype	Application Description	Age/Mileage	Expected Useful Life	Ratio Age-to-Useful Life	Asset Condition Score	Service Quality: Reliability/ Service Frequency/ Travel Time	Service Quality: Operating Efficiency	Service Quality: Accessibility and/or Customer Experience	Service Quality: Safety and Security	Service Quality: TOTAL	Benefit Score
Bus Rehab/Renovation of Maint Facility	SGR	Admin/Maintenance Facilities	Facility is nearly 30-years old; proposed expansion and renovation to add bus storage bays, service bays and improvements to existing office space. Interior renovations to include improvement to existing plumbing, HVAC, and electrical systems, new interior finishes and painting entire facility.	33	10	3.3	60	5	5	1	5	16	76
Bus Rehab/Renovation of Maint Facility	SGR	Admin/Maintenance Facilities	necessary work to repair structure impairments of entrance and exit in the shop area ; (b) rehabilitation of Administration/Maintenance Facility to repair leaks to concrete to its entrance and exit ramps, repair and rewire diesel	7	10	0.7	10	1	5	1	5	12	22
Bus Rehab/Renov of Admin/Maint Facility	SGR	Admin/Maintenance Facilities	Replace asphalt at the entrance to bus yard with concrete; replace water heater (20 years in 2017); replace several large double-pane glass windows that have lost insulation.	18	10	1.8	45	1	5	1	5	12	57
Bus Rehab/Renovation of Admin/Maint Facility	SGR	Admin/Maintenance Facilities	10-yr old facility showing signs of normal wear and tear. Proposing replacement of flooring, outside painting, inside painting, replacement of all light fixtures in the outside parking areas with LED light (more efficient/better lighting for security reasons)	12	10	1.2	30	1	5	1	5	12	42
Bus Rehab/Renovation of Maint Facility	SGR	Admin/Maintenance Facilities	Repair and reseal parking lot (SGR)	20	10	2	45	1	1	1	5	8	53
Bus Stop and Shelters Program	SGR	Bus Shelters/Customer Facilities	Program of on-going capital maintenance and infrastructure improvements for bus stops. Funding will allow for replacement of 10 outdated shelters per year and will also provide program support to continue making improvements and upgrades to various customer information elements at bus stops.		10	0	30	1	1	10	5	17	47
Purchase Route Signage (Bus Stop Signs)	SGR	Bus Shelters/Customer Facilities	Bus stop signs (100) to replace old and broken signs at bus stops and trash cans (20)		3	0	30	1	1	10	5	17	47
Purchase Shop Equipment													
	SGR	Maintenance equipment & parts	Purchase vehicle computer diagnostic system (new) and air compressor for the garage (replacement)			n/a	30	5	5	1	5	16	46
Purchase Spare Parts, Hybrid Bus Batteries	SGR	Maintenance equipment & parts	"Refresh" five hybrid bus batteries (instead of full replacement)		n/a		30	5	5	1	5	16	46
Purchase Spare Parts, ACM Items	SGR	Maintenance equipment & parts	Purchase of spare parts and associated capital maintenance items: DPIM, hybrid battery refresh kits, transmission parts and replacements, differentials, DC power converters, turbo chargers, DDC, Diesel Particulate Filters, and other		n/a		30	5	5	1	5	16	46
Purchase ADP Software and Hardware	SGR	Technology - Administrative	Combines six funding application items: replacement/upgrade of IT network equipment; add and upgrade servers; upgrade/add/replace workstations and laptops; replace phone system; purchase printers and copiers; and purchase several software applications.		n/a		30	1	5	1	1	8	38
Purchase ADP Hardware - Upgrade of Server & (2) Copiers	SGR	Technology - Administrative	Replace copiers and IT equipment - upgrade the hard drive backup computers, (3) laptops and defective printer (upgrade equipment for efficiency and performance)	8	4	2	60	1	5	1	1	8	68
Purchase Replacement Vans	SGR	Vehicle - Revenue Vehicles	Replace six 15-passenger vans (#95, #99, #104, #106, #112, #113) and two 19-passenger BOC vans (#118 and #119).	6	4	1.5	45	10	10	10	5	35	80
Purchase Replacement Bus < 30-ft	SGR	Vehicle - Revenue Vehicles	Purchase four replacement vehicles (153, 160, 161, 162)	9	5	1.8	60	10	10	10	5	35	95
Purchase Replacement Bus 35-ft (3)	SGR	Vehicle - Revenue Vehicles	One of several funding request to replace outdated vehicle that have exceeded their useful life. New buses will be procured and delivered in a ready to run condition inclusive of state of the art equipment such as upgraded fareboxes, Automatic Passenger Counters, Radios, and Automatic Vehicle Locators as well as the latest fuel efficiency technology. Replacement includes: five 40-ft buses, four 35-ft buses, and eight 29-ft buses (this line item is for three 35-ft buses only)	17	12	1.42	45	10	10	10	5	35	80
Purchase Replacement Bus Commuter/Suburban	SGR	Vehicle - Revenue Vehicles	Replace 16 MCI buses, model year 2002 (buses 300-315)	14	12	1.17	30	10	10	10	5	35	65
Purchase Replacement Vans (5)	SGR	Vehicle - Revenue Vehicles	Replace five BOC Vans with lifts that have met useful life	8	4	2	60	10	10	10	5	35	95
Purchase Passenger Shelters (Bus Shelters)	Minor Enhancement	Bus Shelters/Customer Facilities	Three bus shelters at pick-up/drop off locations that are currently exposed to the elements.		10	n/a	0	1	1	10	5	17	17
Purchase Digital Bus Stop Signage	Minor Enhancement	Bus Shelters/Customer Facilities	Purchase of Digital Bus Stop Signage, including hardware, enclosure and installation for signs providing next bus arrival info. They also include information about delays or service changes.		10	n/a	0	1	1	10	5	17	17
Purchase Passenger Shelters (Bus Shelters)	Minor Enhancement	Bus Shelters/Customer Facilities	1% of 5307 allocation applied to enhancements to fund amenities program. Specific location for installations/replacements not identified.		10	n/a	0	1	1	10	5	17	17

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Purchase Route Signage (Bus Stop Signs)													
	Minor Enhancement	Bus Shelters/Customer Facilities	Upgrade bus stop signage agency-wide to inform customers how to access real-time arrival information over the phone or online while waiting for the bus. The project will upgrade approximately half of the bus stops (1,482 stops).	6	3	n/a	0	1	1	10	5	17	17
ADA Bus Stop Access Upgrades													
	Minor Enhancement	Bus Shelters/Customer Facilities	Placement of concrete pads between the existing sidewalks and curbs at bus stop landing areas region wide to improve access.		10	n/a	0	1	1	10	5	17	17
Bus Stop Accessibility Improvements													
	Minor Enhancement	Bus Shelters/Customer Facilities	Multi-year effort to bring all of the bus stops up to current ADA standards: encompasses planning, design, and construction of bus stop accessibility improvements.		10	n/a	0	1	1	10	5	17	17
Purchase Passenger Shelters (Bus Shelters)													
	Minor Enhancement	Bus Shelters/Customer Facilities	Two passenger shelters are needed in areas located on the fixed route where no other shelters exist.		10	n/a	0	1	1	10	5	17	17
Purchase Shop Equipment													
	Minor Enhancement	Maintenance equipment & parts	Purchase shop tools and equipment to support the daily operations in maintenance facility (ongoing expense)			n/a	0	5	5	1	5	16	16
Purchase ADP Hardware													
	Minor Enhancement	Technology - Administrative	Purchase of three computers (if funding is approved for new administrative building)			n/a	0	1	5	1	1	8	8
Purchase ADP Software													
	Minor Enhancement	Technology - Operations	Combines two software requests in FY17 funding application: (a) software to support mobile app that provide real-time bus info; and (b) upgrade of Microsoft Office software (currently using MS Office 2007).	7	2	n/a	0	5	10	5	5	25	25
ITS - Intelligent Transportation System													
	Minor Enhancement	Technology - Operations	Tools to improve required data collection and reporting. Includes: Automatic Vehicle Locators, System Administrator, Planning and Scheduling, Real-Time Passenger Information, Automatic Vehicle Announcements and Reporting		3	n/a	0	5	10	5	5	25	25
Purchase Surveillance/Security Equipment													
	Minor Enhancement	Technology - Operations	Update of video surveillance on four repurposed vehicles (acquired from neighboring transit agencies).			n/a	0	5	10	5	5	25	25
Purchase ADP Hardware (APCs for Fleet)													
	Minor Enhancement	Technology - Operations	Install automatic passenger counters to 40% of fleet that has not been upgraded, upgrade back end systems, replace modems and hardware.			n/a	0	5	10	5	5	25	25
Purchase Fare Collection Equipment (Fareboxes)													
	Minor Enhancement	Technology - Operations	Purchase and replacement of fare collection equipment.			n/a	0	5	10	5	5	25	25
Transit ITS and Security Program													
	Minor Enhancement	Technology - Operations	On-going program dedicated to the implementation and use of technology to improve transit operations and rider information systems and to identify and mitigate agency security and safety issues. This grant will help fund the planning, development, testing and deployment of a various technologies as planned in the CIP	36 months		n/a	0	5	10	5	5	25	25
19 Pass. Body on Chassis w/Wheelchair Lift (1)													
	Minor Enhancement	Vehicle - Revenue Vehicles	Purchase one vehicle to augment existing fleet of seven buses and provide adequate capacity in the fleet for maintenance purposes.			n/a	0	10	5	10	5	30	30
Purchase Expansion Buses 40-ft (2)													
	Minor Enhancement	Vehicle - Revenue Vehicles	Two expansion buses for TDP service enhancement recommendations (total number of buses needed = 22; application only for two)			n/a	0	10	5	10	5	30	30