



# Public Transportation Infrastructure: Critically Needed Investments

## Key Takeaways

1. **At least \$232 billion in critical public transportation investments are identified for funding by an infrastructure bill.**
2. **These investments are necessary to provide safe, reliable and convenient public transportation and to meet the mobility needs of communities of all sizes.**
3. **Public transportation investment yields a 4-to-1 return to the U.S. economy.**

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**Bipartisan efforts to enact an infrastructure investment bill will provide a critically important opportunity to address the nation's growing infrastructure needs. An essential element of any such plan must be to improve our nation's public transportation systems.**

The American Public Transportation Association (APTA) has identified a need for at least \$232 billion in public transportation projects around the nation that could benefit from such a package. This number was derived by combining the amount necessary to bring bus and rail assets to a state of good repair, projects currently in the Capital Investment Grants pipeline, and additional priority projects identified by public transit agencies around the nation.

## Addressing the National State of Good Repair Backlog

According to the 2015 *Status of the Nation's Bridges, Highways, and Transit: Conditions and Performance Report* produced by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA), there is a state of good repair backlog of \$89.9 billion for public transportation. This number represents the funding necessary to address the deferred maintenance needs of the nation's transit assets, a number which continues to grow each year. These assets include essential bus and rail capital, safety and operating repairs and upgrades to bridges, stations, power and signal systems, and maintenance facilities, as well as the replacement of overage buses and trains. Importantly, this number does not include projects to expand service; it's only to ensure optimal service from the systems in place.

## Funding the Capital Investment Grants Pipeline

The federal government's primary method to fund new public transit capacity is the FTA's Capital Investment Grant Program. Since 2012, the program averaged \$2.16 billion in annual appropriations. However, there are \$51.2 billion worth of projects in the pipeline waiting to receive funding. From a policy perspective it would make sense to address this gap in any infrastructure package.

## Supporting Priority Projects

APTA surveyed its membership to identify additional priority projects around the nation, in communities both large and small. Our members identified 169 additional projects from 55 public transportation agencies totaling \$91.0 billion.

These priority projects include the construction of downtown transit centers, expansion of bus garages, upgrades to dispatch centers, new park and ride lots, building of bus rapid transit and many more projects that improve the safety, convenience and reliability of public transit services.

There are important modernization and sustainability projects, including an effort to expand the nation's electric bus fleet and the associated electric charging infrastructure. APTA identified through its survey more than \$5 billion in cutting-edge electrification projects. Additional funding will help advance the progress already made—today 21 percent of the bus fleet is hybrid-electric, and many agencies plan to purchase battery electric buses.

Our survey also highlights the need to fund other advancements in technological deployment. The federal government, through its Better Utilizing Investments to Leverage Development (BUILD) program, has already begun to fund automated shuttle pilots. There is great interest in further deployment of automated technologies, which may be useful for: 1) closing the first and last mile gap between a station and the rider's destination, 2) addressing the needs of lower income riders in suburban areas, and 3) better reaching rural residents with reliable service. Deployment of new technologies also can help make traditional buses safer through pedestrian detection and crash avoidance technologies.

In addition, public transit agencies need fiscal support to better integrate fare technologies with emerging modes, such as transportation network companies (e.g., Uber and Lyft), bikeshare and other offerings. Public transit agencies are looking to adapt to the many ways that customers use smart-phone technologies to plan and pay for their travel needs.

## Travelers Want More Public Transit

Americans now have many ways to travel—bikeshare, carsharing and ride hailing, just to name a few—but 77 percent view public transit as the backbone of a lifestyle with many mobility choices. Nearly 70 percent of Americans favor increased federal support for public transportation. Importantly, while only 50 percent report having access to frequent public transportation, a majority say they would use it if it were available. Two-thirds of Millennials say they own a car more because they need one than because they enjoy owning one. Half of Americans and two-thirds of Millennials say they would be more likely to use public transportation if it was more convenient and accessible. The evidence is clear that public transportation is both politically popular and has high economic returns.

## Funding Will Yield High Economic Returns

In 2014, APTA analyzed the impact of investment in public transportation in our groundbreaking report, *Economic Impact of Public Transportation*. The report went beyond the traditional counting of hard hats and orange vests working on construction projects to include the long-term productivity enhancements resulting from transit investments which includes improved sales and workforce access. The result is a multiplier effect of four-times investment.

Including \$232 billion in any new infrastructure bill to address deferred maintenance and other critically important projects, spent over 10 years, would result in \$928 billion in economic activity over a 20-year period.

### Sources

Economic Impact of Public Transportation Investment, American Public Transportation Association, 2014 ([www.apta.com/resources](http://www.apta.com/resources))

The Transformation of the American Commuter, American Public Transportation Association, 2019 ([www.apta.com/resources](http://www.apta.com/resources))

2018 APTA Mobility Survey, Anzalone Liszt Grove Research, 2018

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## The American Public Transportation Association (APTA)

APTA is a nonprofit international association of more than 1,500 public and private sector organizations which represents a \$71 billion industry that directly employs 430,000 people and supports millions of private sector jobs. APTA members are engaged in the areas of bus, paratransit, light rail, commuter rail, subways, waterborne services, and intercity and high-speed passenger rail. This includes: transit systems; planning, design, construction, and finance firms; product and service providers; academic institutions; transit associations and state departments of transportation. APTA is the only association in North America that represents all modes of public transportation. APTA members serve the public interest by providing safe, efficient and economical transit services and products.

### APTA Vision Statement

APTA is the leading force in advancing public transportation.

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## Appendix: Project Examples

City	State	Agency	Description	Project Type	Cost (Millions)
Flagstaff	AZ	Northern Arizona Intergovernmental Public Transportation Authority	Transit Spine BRT	CIG	32.9
Flagstaff	AZ	Northern Arizona Intergovernmental Public Transportation Authority	NAIPTA Downtown Connection Center	Priority	8.0
Flagstaff	AZ	Northern Arizona Intergovernmental Public Transportation Authority	NAIPTA New BRT	Priority	25.0
Flagstaff	AZ	Northern Arizona Intergovernmental Public Transportation Authority	NAIPTA Electric Bus Expansion/Replacement	Priority	24.0
Flagstaff	AZ	Northern Arizona Intergovernmental Public Transportation Authority	NAIPTA On-Demand Pilot Program	Priority	3.0
Flagstaff	AZ	Northern Arizona Intergovernmental Public Transportation Authority	NAIPTA Capital Enhancements	Priority	10.0
Phoenix	AZ	Valley Metro	Tempe Streetcar	CIG	186.0
Phoenix	AZ	Valley Metro	South Central LRT Extension	CIG	704.5
Phoenix	AZ	Valley Metro	Northwest Extension Phase II	CIG	318.7
Alturas	CA	Modoc Transportation Agency	Modoc Vehicle Replacement	SGR Priority	0.2
Antioch	CA	Eastern Contra Costa Transit Authority	ECCTA Antioch Park & Ride	Priority	3.2
Antioch	CA	Eastern Contra Costa Transit Authority	ECCTA Oakley Park & Ride	Priority	3.2
Antioch	CA	Eastern Contra Costa Transit Authority	ECCTA Solar generation for electric vehicle charging	Priority	4.0
Antioch	CA	Eastern Contra Costa Transit Authority	ECCTA facility bus yard replacement	SGR Priority	1.3
Antioch	CA	Eastern Contra Costa Transit Authority	ECCTA Facility HVAC Replacement	SGR Priority	1.6
Davis	CA	Unitrans	Unitrans Electric Bus Program	Priority	12.0
Davis	CA	Unitrans	Unitrans Operations & Maintenance Facility Improvements	SGR Priority	4.0
Long Beach	CA	Long Beach Transit	LBT Infrastructure Electrification	Priority	15.0
Long Beach	CA	Long Beach Transit	LBT Expand and Modify Facilities	Priority	25.0
Long Beach	CA	Long Beach Transit	LBT Bus Stop Improvements	Priority	5.0
Long Beach	CA	Long Beach Transit	LBT Emergency/Redundant Power	Priority	5.0
Long Beach	CA	Long Beach Transit	LBT Bus Replacement Program	SGR Priority	100.0
Los Angeles	CA	City of Los Angeles Department of Transportation	Downtown Streetcar	CIG	295.4
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LA Metro Gold Line Foothill Extension	CIG	1,900.0
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LAX Airport Connector	CIG	2,700.0
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LA Metro West Santa Ana Branch	Priority	6,300.0

City	State	Agency	Description	Project Type	Cost (Millions)
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LA Metro Sepulveda Transit Corridor	Priority	8,600.0
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LA Metro I-910 South	Priority	5,800.0
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LA Metro Link Union Station	Priority	2,000.0
Los Angeles	CA	Los Angeles County Metropolitan Transportation Authority	LA Metro Vehicle Purchases	SGR Priority	3,800.0
Monterey	CA	Monterey-Salinas Transit	MST Monterey BRT Phase 2	Priority	40.0
Monterey	CA	Monterey-Salinas Transit	MST Line 23 Express BRT	Priority	10.0
Monterey	CA	Monterey-Salinas Transit	MST Bus Replacement	SGR Priority	6.3
Monterey	CA	Monterey-Salinas Transit	MST New Operations & Maintenance Facility	SGR Priority	18.0
Monterey	CA	Monterey-Salinas Transit	MST Transit Center	SGR Priority	10.0
Monterey	CA	Transportation Agency for Monterey County	Monterey County Rail Extension	CIG	137.0
Napa	CA	Napa Valley Transportation Authority	NVTA SR 29 Multi-Modal Corridor Improvements	Priority	16.0
Napa	CA	Napa Valley Transportation Authority	NVTA Fleet Electrification	Priority	14.0
Napa	CA	Napa Valley Transportation Authority	NVTA Fleet Expansion	Priority	7.5
Napa	CA	Napa Valley Transportation Authority	NVTA Autonomous Shuttle Project	Priority	3.0
Napa	CA	Napa Valley Transportation Authority	NVTA Vine Maintenance Facility	SGR Priority	32.0
Oakland	CA	Alameda-Contra Costa Transit District	AC Transit Facility Expansion	Priority	286.0
Oakland	CA	Alameda-Contra Costa Transit District	AC Transit Division 6 Facility Rehabilitations	SGR Priority	179.0
Oakland	CA	Alameda-Contra Costa Transit District	AC Transit Facility Repair	SGR Priority	12.0
Oakland	CA	Alameda-Contra Costa Transit District	AC Transit Lift Replacement	SGR Priority	6.0
Oakland	CA	Alameda-Contra Costa Transit District	AC Transit Maintenance Facility Rehabilitations	SGR Priority	10.0
Oakland	CA	San Francisco Bay Area Rapid Transit District	BART Transbay Corridor Core Capacity	CIG	3,500.0
Oakland	CA	San Francisco Bay Area Rapid Transit District	BART Caldecott Tunnel Seismic Retrofit and Alameda County Seismic Operability	Priority	3,500.0
Oakland	CA	San Francisco Bay Area Rapid Transit District	BART Transit Operations Facility	Priority	176.0
Oakland	CA	San Francisco Bay Area Rapid Transit District	BART New Transbay Rail Crossing Planning	Priority	100.0
Oakland	CA	San Francisco Bay Area Rapid Transit District	BART Hayward Maintenance Complex Phase 1	SGR Priority	801.0

City	State	Agency	Description	Project Type	Cost (Millions)
Oakland	CA	San Francisco Bay Area Rapid Transit District	BART Transbay Tube Internal Retrofit	SGR Priority	715.0
Oceanside	CA	North County Transit District	NCTD Del Mar Bluffs Stabilization	SGR Priority	72.0
Oceanside	CA	North County Transit District	NCTD San Onofre Bridge Replacements	SGR Priority	50.0
Oceanside	CA	North County Transit District	NCTD Rose Creek Bridge Replacements	SGR Priority	27.3
Oceanside	CA	North County Transit District	NCTD 5 Car Train Sets	SGR Priority	69.8
Sacramento	CA	Sacramento Regional Transit District	Downtown Riverfront Streetcar	CIG	209.0
San Bernardino	CA	San Bernardino County Transportation Authority	Arrow Redlands Passenger Rail Project	CIG	276.0
San Bernardino	CA	San Bernardino County Transportation Authority	West Valley Connector BRT	CIG	219.0
San Carlos	CA	Peninsula Corridor Joint Powers Board	Caltrain Corridor-Wide Grade Separations	Priority	5,000.0
San Carlos	CA	Peninsula Corridor Joint Powers Board	Caltrain Electrification Expansion	Priority	450.0
San Carlos	CA	Peninsula Corridor Joint Powers Board	Caltrain Sea Level Rise Resiliency	Priority	50.0
San Carlos	CA	Peninsula Corridor Joint Powers Board	Caltrain San Jose South Terminal Station and Maintenance Facility Reconstruction	SGR Priority	5,000.0
San Carlos	CA	Peninsula Corridor Joint Powers Board	Caltrain North Terminal Reconstruction	SGR Priority	
San Carlos	CA	San Mateo County Transit District	SamTrans Electric Bus Pilot	Priority	37.0
San Carlos	CA	San Mateo County Transit District	SamTrans Electric Charging Infrastructure	Priority	25.0
San Carlos	CA	San Mateo County Transit District	SamTrans Sea Level Rise Resiliency	Priority	50.0
San Carlos	CA	San Mateo County Transit District	SamTrans Revenue Vehicle Procurements	SGR Priority	120.0
San Diego	CA	San Diego Metropolitan Transit System	SDMTS Zero Emission Bus Electrical Infrastructure	Priority	74.8
San Diego	CA	San Diego Metropolitan Transit System	SDMTS New Bus Maintenance Facility	Priority	65.0
San Diego	CA	San Diego Metropolitan Transit System	SDMTS 3rd Track in El Cajon	Priority	10.0
San Diego	CA	San Diego Metropolitan Transit System	SDMTS Imperial Ave Transit Center Expansion	Priority	10.0
San Diego	CA	San Diego Metropolitan Transit System	SDMTS Light Rail Vehicle Replacement	SGR Priority	151.0
San Francisco	CA	San Francisco Municipal Transportation Agency	SFMTA Transition to Electric Bus/Hybrid Bus Fleet	Priority	800.0
San Francisco	CA	San Francisco Municipal Transportation Agency	SFMTA Muni Metro Southwest Subway	Priority	4,000.0



<b>City</b>	<b>State</b>	<b>Agency</b>	<b>Description</b>	<b>Project Type</b>	<b>Cost (Millions)</b>
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Muni Metro T Line Extension	Priority	2,000.0
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Caltrain/High Speed Rail Downtown Extension and Extended Tunnel	Priority	6,000.0
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Better Market Street	Priority	850.0
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Muni Metro Train Control System Replacement and Modernization	SGR Priority	250.0
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Rebuild Maintenance Facilities	SGR Priority	907.0
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Purchase of 45 Light Rail Vehicles	SGR Priority	220.0
<b>San Francisco</b>	CA	San Francisco Municipal Transportation Agency	SFMTA Vision Zero/Complete Streets	SGR Priority	1,500.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA BART Phase 2	CIG	4,900.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA Eastridge to BART Connector Rail Extension	Priority	453.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA Caltrain Corridor Separation	Priority	5,000.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA FAST Transit Program	Priority	10.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA Vasona LRT Extension & Double Track	Priority	340.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA Second Guadalupe Entrance	Priority	50.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA Diridon Station Reconfiguration	Priority	1,000.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA LRT Switch & Crossover Upgrades	SGR Priority	30.0
<b>San Jose</b>	CA	Santa Clara Valley Transportation Authority	VTA Light Rail Vehicle Replacement	SGR Priority	800.0
<b>Santa Cruz</b>	CA	Santa Cruz Metropolitan Transit District	SC Metro Replacement buses	SGR Priority	55.0
<b>Santa Cruz</b>	CA	Santa Cruz Metropolitan Transit District	SC Metro Paratransit facility	SGR Priority	15.0
<b>Santa Cruz</b>	CA	Santa Cruz Metropolitan Transit District	SC Metro Replacement bus transit terminal	SGR Priority	20.0
<b>West Covina</b>	CA	Foothill Transit	Foothill Transit Covina Park & Ride Transit Center	Priority	28.5
<b>West Covina</b>	CA	Foothill Transit	Foothill Transit Electric Bus Charging Infrastructure	Priority	12.0
<b>West Covina</b>	CA	Foothill Transit	Foothill Transit Mt. Sac Transit Center	Priority	9.7
<b>West Covina</b>	CA	Foothill Transit	Foothill Transit Bus Replacements	SGR Priority	45.4

City	State	Agency	Description	Project Type	Cost (Millions)
West Covina	CA	Foothill Transit	Foothill Transit Fleet Heavy Maintenance	SGR Priority	14.3
Glenwood Springs	CO	Roaring Fork Transportation Authority	RFTA Glenwood Maintenance Facility Expansion Project	Priority	33.0
Glenwood Springs	CO	Roaring Fork Transportation Authority	RFTA 27th St. Grade-Separated Pedestrian Crossing	Priority	8.6
Glenwood Springs	CO	Roaring Fork Transportation Authority	RFTA 27th St. Park & Ride Expansion	Priority	4.5
Glenwood Springs	CO	Roaring Fork Transportation Authority	RFTA Buttermilk Grade-Separated Pedestrian Crossing	Priority	8.1
Glenwood Springs	CO	Roaring Fork Transportation Authority	RFTA Town of Snowmass Village Transit Center	SGR Priority	12.9
Washington	DC	City of Alexandria	West End Transitway	CIG	140.0
Jacksonville	FL	Jacksonville Transportation Authority	First Coast Flyer Southwest Corridor BRT	CIG	33.2
Miami	FL	Miami-Dade Transportation and Public Works	Miami-Dade DTPW South Dade Transit Way Corridor	CIG	303.6
Miami	FL	Miami-Dade Transportation and Public Works	Miami-Dade DTPW North Corridor	Priority	2,490.0
Miami	FL	Miami-Dade Transportation and Public Works	Miami-Dade DTPW NW 25th Street Viaduct	Priority	56.0
Miami	FL	Miami-Dade Transportation and Public Works	Miami-Dade DTPW SMART Plan	Priority	3,296.0
Miami	FL	Miami-Dade Transportation and Public Works	Miami-Dade DTPW Roadway Repair and Resurfacing	SGR Priority	196.3
Orlando	FL	Florida Department of Transportation	SunRail Connector to the Orlando International Airport	CIG	225.0
Orlando	FL	Florida Department of Transportation	SunRail Phase II North	CIG	68.7
St. Petersburg	FL	Pinellas Suncoast Transit Authority	Central Avenue BRT	CIG	41.0
Tampa	FL	City of Tampa	Streetcar Extension Project	CIG	102.6
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA Campbellton Road Light Rail	Priority	200.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA Candler Road Bus Rapid Transit	Priority	150.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA Clayton Bus Rapid Transit	Priority	500.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA Clayton Commuter Rail	Priority	800.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA Clayton Maintenance Facility Site Acquisition	Priority	97.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA Clifton Corridor Light Rail	Priority	1,200.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA GA 400 Bus Rapid Transit	Priority	300.0
Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA I-20 East Bus Rapid Transit	Priority	300.0



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Atlanta	GA	Metropolitan Atlanta Rapid Transit Authority	MARTA South Fulton Parkway Bus Rapid Transit	Priority	200.0
Savannah	GA	Chatham Area Transit	CAT Facility Enhancements	Priority	2.0
Savannah	GA	Chatham Area Transit	CAT Bus Shelters	Priority	1.0
Savannah	GA	Chatham Area Transit	CAT Electric Bus Conversion Infrastructure	Priority	3.0
Savannah	GA	Chatham Area Transit	CAT Super Stops/Satellite Facility	Priority	15.0
Savannah	GA	Chatham Area Transit	CAT Fleet Replacement	SGR Priority	4.5
Honolulu	HI	Honolulu Authority for Rapid Transportation	Microtransit Integration	Priority	20.0
Honolulu	HI	Honolulu Authority for Rapid Transportation	UH and Kapolei Rail Transit Extensions	Priority	73.0
Des Moines	IA	Des Moines Area Regional Transit Authority	DART Acquire Electric Bus Fleet	Priority	12.0
Des Moines	IA	Des Moines Area Regional Transit Authority	DART Radio System Replacement	Priority	3.5
Des Moines	IA	Des Moines Area Regional Transit Authority	DART High Frequency Bus Route Infrastructure	Priority	25.0
Des Moines	IA	Des Moines Area Regional Transit Authority	DART Operations & Maintenance Facility Needs	SGR Priority	65.0
Des Moines	IA	Des Moines Area Regional Transit Authority	DART Bus Replacements	SGR Priority	14.5
Chicago	IL	Chicago Transit Authority	CTA Red Line Extension	Priority	2,300.0
Chicago	IL	Chicago Transit Authority	CTA All Stations Accessibility Program Strategic Plan (ASAP)	Priority	2,100.0
Chicago	IL	Chicago Transit Authority	CTA Electric Bus Program	Priority	103.1
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Service Enhancements	Priority	625.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Rock Island Electrification	Priority	550.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra 75th Street CIP/Rock Island Improvements	Priority	350.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra O'Hare Service	Priority	500.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Locomotive Purchases	SGR Priority	320.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Coach Purchases	SGR Priority	1,200.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Locomotive Conversions	SGR Priority	80.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Bridge Renewal	SGR Priority	400.0
Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra Station Improvements	SGR Priority	575.0

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Chicago	IL	Northeast Illinois Regional Commuter Railroad Corporation	Metra A-2 Interlocking Replacement	SGR Priority	400.0
Chicago	IL	Northern Indiana Commuter Transportation District	NICTD Double Track - Northwest Indiana	CIG	354.6
Chicago	IL	Northern Indiana Commuter Transportation District	West Lake Corridor Project	CIG	776.0
Chicago	IL	Pace Suburban Bus	Pace Pulse Dempster	CIG	10.0
Moline	IL	Rock Island County Metropolitan Mass Transit District	MetroLINK Autonomous Bus Garage	Priority	5.0
Moline	IL	Rock Island County Metropolitan Mass Transit District	MetroLINK Collision Avoidance System	Priority	0.3
Moline	IL	Rock Island County Metropolitan Mass Transit District	MetroLINK Bus Replacements	SGR Priority	13.3
Moline	IL	Rock Island County Metropolitan Mass Transit District	MetroLINK Centre Station Facility Upgrade	SGR Priority	2.0
Fort Wayne	IN	Fort Wayne Citilink	Citilink Bus Barn Solar Roof	Priority	2.2
Fort Wayne	IN	Fort Wayne Citilink	Northside Transit Hub	Priority	0.5
Fort Wayne	IN	Fort Wayne Citilink	Bus Replacements	SGR Priority	3.0
Indianapolis	IN	Indianapolis Public Transportation Corporation	IndyGo Purple Line BRT	CIG	140.0
Indianapolis	IN	Indianapolis Public Transportation Corporation	Blue Line Rapid Transit Project	CIG	150.0
Indianapolis	IN	Indianapolis Public Transportation Corporation	IndyGo Blue Line BRT	Priority	200.0
Indianapolis	IN	Indianapolis Public Transportation Corporation	IndyGo Bus Replacement	SGR Priority	25.0
Michigan City	IN	Northern Indiana Commuter Transportation District	NICTD Rolling Stock Acquisition	Priority	40.0
Michigan City	IN	Northern Indiana Commuter Transportation District	NICTD MED Improvement Projects	Priority	35.0
Michigan City	IN	Northern Indiana Commuter Transportation District	NICTD End-Life Rail Car Overhaul	SGR Priority	23.5
Michigan City	IN	Northern Indiana Commuter Transportation District	NICTD Mid-Life Rail Car Overhaul	SGR Priority	5.4
Michigan City	IN	Northern Indiana Commuter Transportation District	NICTD Catenary Signal Improvements	SGR Priority	6.3
Michigan City	IN	Northern Indiana Commuter Transportation District	NICTD Replacement Rail	SGR Priority	8.0
Muncie	IN	Muncie Indiana Transit System	MITS Electric Bus Infrastructure Improvements	Priority	2.2
Muncie	IN	Muncie Indiana Transit System	MITS Bus Replacement	SGR Priority	7.7
Muncie	IN	Muncie Indiana Transit System	MITS Maintenance Facility Upgrade	SGR Priority	0.6
Muncie	IN	Muncie Indiana Transit System	MITS Bus Replacement 2	SGR Priority	4.3

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New Orleans	LA	New Orleans Regional Transit Authority	St. Claude and Elysian Fields Streetcar Extensions	CIG	
New Orleans	LA	New Orleans Regional Transit Authority	Downtown Transit Center	Priority	22.4
New Orleans	LA	New Orleans Regional Transit Authority	St. Charles Streetcar- ADA Modifications	Priority	9.5
New Orleans	LA	New Orleans Regional Transit Authority	Paratransit Vehicle Purchase	Priority	2.4
New Orleans	LA	New Orleans Regional Transit Authority	New Bus Acquisition	SGR Priority	59.3
New Orleans	LA	New Orleans Regional Transit Authority	Bus Refurbishment	SGR Priority	6.4
Baltimore	MD	Maryland Transit Administration	MTA MARC Service Expansion	Priority	100
Baltimore	MD	Maryland Transit Administration	MTA MARC Penn-Camden Connector	Priority	80
Baltimore	MD	Maryland Transit Administration	MTA Revenue Fleet Expansion	Priority	150
Baltimore	MD	Maryland Transit Administration	MTA Light Rail and Metro Rail Replacement	SGR Priority	490
Baltimore	MD	Maryland Transit Administration	MTA Bus Facility Modernization and Rehabilitation	SGR Priority	300
Ann Arbor	MI	Ann Arbor Area Transportation Authority	AAATA Bus Garage Expansion	Priority	50.0
Ann Arbor	MI	Ann Arbor Area Transportation Authority	AAATA Blake Transit Center Expansion	Priority	10.0
Ann Arbor	MI	Ann Arbor Area Transportation Authority	AAATA Washtenaw Ave BRT	Priority	80.0
Ann Arbor	MI	Ann Arbor Area Transportation Authority	AAATA Ypsilanti Transit Centre Expansion	SGR Priority	10.0
Lansing	MI	Capital Area Transportation Authority	Capital Area Transportation Authority Bus Rapid Transit Project	CIG	141.9
Minneapolis	MN	Metropolitan Council	METRO Blue Line Extension	CIG	1,536.2
Minneapolis	MN	Metropolitan Council	METRO Orange Line BRT	CIG	150.7
St. Paul	MN	Metro Transit	METRO Gold Line Bus Rapid Transit	CIG	420.0
Kansas City	MO	Kansas City Area Transportation Authority	Kansas City Streetcar Expansion	CIG	263.0
Missoula	MT	Missoula Urban Transportation District	MUTD New Administration, Operations, & Maintenance Facility	Priority	40.0
Missoula	MT	Missoula Urban Transportation District	MUTD Bus Stop Master Plan	Priority	1.5
Missoula	MT	Missoula Urban Transportation District	MUTD Fleet Replacement	SGR Priority	5.4
Chapel Hill	NC	Chapel Hill Transit	Chapel Hill Transit North South BRT Construction	CIG	130.0
Chapel Hill	NC	Chapel Hill Transit	Chapel Hill Transit Final Design and Engineering for North South BRT	Priority	3.6

City	State	Agency	Description	Project Type	Cost (Millions)
Chapel Hill	NC	Chapel Hill Transit	Chapel Hill Transit Electric Buses (40')	SGR Priority	13.6
Chapel Hill	NC	Chapel Hill Transit	Chapel Hill Transit Electric Buses (60')	SGR Priority	5.6
Concord	NC	Concord Kannapolis Area Transit	CKAT Service Expansion	Priority	250.0
Concord	NC	Concord Kannapolis Area Transit	CKAT High Capacity Transit Implementation	Priority	1,250.0
Concord	NC	Concord Kannapolis Area Transit	CKAT Bus Replacements	SGR Priority	8.0
Concord	NC	Concord Kannapolis Area Transit	CKAT New Operations & Maintenance Facility	SGR Priority	15.0
Durham	NC	GoTriangle	GoTriangle Durham-Orange LRT	CIG	2,470.0
Durham	NC	GoTriangle	GoTriangle Durham-Wake Commuter Rail	Priority	1,400.0
Durham	NC	GoTriangle	GoTriangle Raleigh Union Station Bus Facility	Priority	46.0
Salisbury	NC	City of Salisbury	Salisbury Transit Security Improvements	Priority	0.1
Salisbury	NC	City of Salisbury	Salisbury Transit ADA Accessible Vehicle	Priority	0.1
Salisbury	NC	City of Salisbury	Salisbury Transit Fueling Station	Priority	0.1
Salisbury	NC	City of Salisbury	Salisbury Transit Bus Replacement	SGR Priority	3.6
Salisbury	NC	City of Salisbury	Salisbury Transit Facility Renovation & Upgrade	SGR Priority	0.1
Omaha	NE	Transit Authority of the City of Omaha	Omaha BRT	CIG	31.0
Espanola	NM	North Central Regional Transit District	NCRTD bus replacements	SGR Priority	0.9
Espanola	NM	North Central Regional Transit District	NCRTD Maintenance Facility	SGR Priority	5.0
Reno	NV	Regional Transportation Commission of Washoe County	Virginia Street BRT	CIG	80.0
Albany	NY	Capital District Transportation Authority	CDTA River Corridor BRT	CIG	45.0
Albany	NY	Capital District Transportation Authority	CDTA Washington-Western Corridor BRT	CIG	65.0
Albany	NY	Capital District Transportation Authority	CDTA New Transit Center(s)	Priority	20.0
Albany	NY	Capital District Transportation Authority	CDTA Electric Bus Purchases	Priority	20.0
Albany	NY	Capital District Transportation Authority	CDTA Facility Expansions	Priority	30.0
Buffalo	NY	Niagara Frontier Transportation Authority	NFTA DL&W Terminal Construction	Priority	43.2
Buffalo	NY	Niagara Frontier Transportation Authority	NFTA Fare Collection System Replacement	SGR Priority	23.6

City	State	Agency	Description	Project Type	Cost (Millions)
Buffalo	NY	Niagara Frontier Transportation Authority	NFTA Bus Replacements	SGR Priority	14.7
Buffalo	NY	Niagara Frontier Transportation Authority	NFTA LRV Mid-life Rebuild	SGR Priority	49.6
Buffalo	NY	Niagara Frontier Transportation Authority	NFTA Escalator Replacement/Rebuild	SGR Priority	10.7
New York	NY	Gateway Program Development Corporation	Portal North Bridge Project	CIG	1,562.7
New York	NY	Metropolitan Transportation Authority	Canarsie Line Power and Station Improvements	CIG	372.9
New York	NY	Metropolitan Transportation Authority	Second Avenue Subway Phase 2	CIG	6,000.0
New York	NY	Metropolitan Transportation Authority	Woodhaven Boulevard Select Bus Service	CIG	225.7
New York	NY	Port Authority of New York and New Jersey	Hudson Tunnel Project	CIG	13,599.5
Rochester	NY	Rochester Genesee Regional Transportation Authority	RTS Transfer Connection Hubs	Priority	4.5
Rochester	NY	Rochester Genesee Regional Transportation Authority	RTS Advanced Bus Repair Facility	Priority	7.6
Rochester	NY	Rochester Genesee Regional Transportation Authority	RTS Electric Bus Storage & Charging Garage	Priority	13.9
Rochester	NY	Rochester Genesee Regional Transportation Authority	RTS Electric Bus Purchase	Priority	4.4
Rochester	NY	Rochester Genesee Regional Transportation Authority	RTS Access Facility	SGR Priority	12.5
Rochester	NY	Rochester Genesee Regional Transportation Authority	RTS Operations Building Renovation	SGR Priority	3.9
Syracuse	NY	Central New York Regional Transportation Authority	CNYRTA Transit Bus Replacement	SGR Priority	10.4
Syracuse	NY	Central New York Regional Transportation Authority	CNYRTA Transit Bus Replacement 2	SGR Priority	46.0
Youngstown	OH	Western Reserve Transit Authority	WRTA Autonomous Vehicles	Priority	5.0
Youngstown	OH	Western Reserve Transit Authority	WRTA Autonomous Vehicle Facility	Priority	10.0
Portland	OR	Tri-County Metropolitan District of Oregon	TriMet Southwest Corridor Light Rail	CIG	2,800.0
Portland	OR	Tri-County Metropolitan District of Oregon	TriMet Division BRT	CIG	175.0
Portland	OR	Tri-County Metropolitan District of Oregon	TriMet Red Line Light Rail Upgrade & Expansion	Priority	215.0
Portland	OR	Tri-County Metropolitan District of Oregon	TriMet Electric Bus Procurement	Priority	53.0
Portland	OR	Tri-County Metropolitan District of Oregon	TriMet Light Rail Vehicle Replacement	SGR Priority	150.0
Salem	OR	Salem Area Mass Transit District	Cherriots Regional Transit Center Development	Priority	7.6

City	State	Agency	Description	Project Type	Cost (Millions)
Salem	OR	Salem Area Mass Transit District	Cherriots ITS Project- Green Light Extension	Priority	0.5
Salem	OR	Salem Area Mass Transit District	Cherriots New Operations & Maintenance Facility	Priority	20.0
Salem	OR	Salem Area Mass Transit District	Cherriots CNG Bus Replacement	SGR Priority	2.6
Salem	OR	Salem Area Mass Transit District	Cherriots CNG Station Replacement	SGR Priority	0.5
Lancaster	PA	South Central Transit Authority	SCTA Paratransit Facility	Priority	10.0
Lancaster	PA	South Central Transit Authority	SCTA Solar Expansion	Priority	2.0
Lancaster	PA	South Central Transit Authority	SCTA Bus Replacements	SGR Priority	7.2
Lancaster	PA	South Central Transit Authority	SCTA Paratransit Van Replacements	SGR Priority	0.9
Philadelphia	PA	Southeastern Pennsylvania Transportation Authority	SEPTA King of Prussia Rail Extension	Priority	1,188.0
Philadelphia	PA	Southeastern Pennsylvania Transportation Authority	SEPTA Market-Frankford Capacity Expansion	Priority	1,320.0
Philadelphia	PA	Southeastern Pennsylvania Transportation Authority	SEPTA Regional Rail Fleet Replacement & Service Improvements	SGR Priority	2,375.0
Philadelphia	PA	Southeastern Pennsylvania Transportation Authority	SEPTA Trolley Modernization	SGR Priority	1,555.0
Pittsburgh	PA	Port Authority of Allegheny County	Port Authority BRT	CIG	200.0
Pittsburgh	PA	Port Authority of Allegheny County	Port Authority New Bus Garage	Priority	140.0
Pittsburgh	PA	Port Authority of Allegheny County	Port Authority Electric Bus Vehicles & Infrastructure	Priority	288.0
Pittsburgh	PA	Port Authority of Allegheny County	Port Authority Rail Car Replacement	SGR Priority	200.0
Pittsburgh	PA	Port Authority of Allegheny County	Port Authority Rail Line Upgrade	SGR Priority	
York	PA	Rabbit Transit	CAT Facility	Priority	60.0
York	PA	Rabbit Transit	CAT Transfer Center	Priority	5.0
York	PA	Rabbit Transit	Rabbittransit Transfer Center	Priority	3.0
Columbia	SC	Central Midlands Regional Transit Authority	COMET Passenger Amenities	Priority	6.7
Columbia	SC	Central Midlands Regional Transit Authority	COMET Intermodal Transit Center	Priority	10.0
Columbia	SC	Central Midlands Regional Transit Authority	COMET Bus Replacement	SGR Priority	4.0
Austin	TX	Capital Metro	CapMetro PTC Installation	Priority	72.0
Austin	TX	Capital Metro	CapMetro Downtown MetroRail Station	Priority	48.0
Austin	TX	Capital Metro	CapMetro TIGER V Rail Improvements	Priority	35.2



City	State	Agency	Description	Project Type	Cost (Millions)
Austin	TX	Capital Metro	CapMetor Westgate Transit Center	Priority	4.5
Austin	TX	Capital Metro	CapMetro Bus Fleet Replacement	SGR Priority	15.8
Dallas	TX	Dallas Area Rapid Transit	DART Red and Blue Line Platform Extensions	CIG	149.2
Dallas	TX	Dallas Area Rapid Transit	DART Cotton Belt Passenger Rail	Priority	1,310.0
Dallas	TX	Dallas Area Rapid Transit	DART D2 Subway	Priority	1,400.0
Dallas	TX	Dallas Area Rapid Transit	Dallas CBD Rail Replacement	SGR Priority	14.0
El Paso	TX	City of El Paso	Montana RTS Corridor	CIG	47.0
Fort Worth	TX	Trinity Metro	Trinity Metro TRE Double Tracking	Priority	110.0
Fort Worth	TX	Trinity Metro	Trinity Metro TRE Bridge Replacement	SGR Priority	56.0
Fort Worth	TX	Trinity Metro	Trinity Metro Bus Replacement	SGR Priority	12.0
Fort Worth	TX	Trinity Metro	Trinity Metro Upgraded Facilities	SGR Priority	15.0
Houston	TX	Metropolitan Transit Authority of Harris County	Metro Rail Road Alert System	Priority	0.6
Houston	TX	Metropolitan Transit Authority of Harris County	Metro Dispatch Upgrade	Priority	0.1
Houston	TX	Metropolitan Transit Authority of Harris County	Metro Driver Protection System	Priority	3.4
Houston	TX	Metropolitan Transit Authority of Harris County	Metro Red Line Platform Pavers Rehabilitation	SGR Priority	2.0
Ogden	UT	Utah Transit Authority	Ogden/Weber State University BRT	CIG	79.0
Everett	WA	Community Transit	Swift Bus Rapid Transit Orange Line	CIG	77.0
Everett	WA	Community Transit	CT BRT Expansion	Priority	70.0
Everett	WA	Community Transit	CT BRT Extension	Priority	15.0
Everett	WA	Community Transit	CT Agency Base Expansion	Priority	80.0
Everett	WA	Community Transit	CT McCollum Transit Center	Priority	10.0
Everett	WA	Community Transit	CT Transit Asset Management Needs	Priority	200.0
Olympia	WA	Intercity Transit	Intercity BRT Project	Priority	34.0
Olympia	WA	Intercity Transit	Intercity Coaches Expansion	Priority	10.5
Olympia	WA	Intercity Transit	Intercity West Side Transit Center	Priority	17.5
Olympia	WA	Intercity Transit	Intercity Replacement Buses	SGR Priority	34.3
Olympia	WA	Intercity Transit	Intercity Base Facility Bus Yard Replacement & Stormwater Improvements	SGR Priority	12.0

City	State	Agency	Description	Project Type	Cost (Millions)
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Acceleration of Three Light Rail Stations	Priority	268.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Leverage I-405 Corridor High Capacity Transit Investments	Priority	985.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Acceleration of Everett Link Light Rail	Priority	3,026.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Acceleration of Sounder Commuter Rail Extension to Joint Base Lewis McChord/Dupont	Priority	325.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Addition of Sounder South Commuter Rail Service	Priority	1,550.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Purchase of New Fleet of Bus Rapid Transit Vehicles	Priority	100.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Enhance New Generation Regional Fare Medium	Priority	5.0
Seattle	WA	Central Puget Sound Regional Transit Authority	Sound Transit Increase Federal Share of Regional Light Rail System	Priority	4,400.0
Seattle	WA	City of Seattle Department of Transportation	Center City Connector	CIG	197.0
Seattle	WA	Seattle Department of Transportation	Madison Street Corridor Bus Rapid Transit	CIG	120.0
Seattle	WA	Seattle Department of Transportation	Roosevelt RapidRide Project	CIG	77.2
Seattle	WA	Sound Transit	Federal Way Link Extension	CIG	2,165.5
Spokane	WA	Spokane Transit Authority	Central City Line	CIG	72.0
Tacoma	WA	Pierce Transit	Pacific Avenue/SR 7 Corridor BRT	CIG	150.0
Vancouver	WA	Clark County Public Transit Benefit Area	Mill Plain Bus Rapid Transit	CIG	50.0
Wenatchee	WA	Link Transit	Link US Highway 2 BRT	Priority	16.0
Wenatchee	WA	Link Transit	Link Chelan Park & Ride	Priority	5.0
Wenatchee	WA	Link Transit	Link Rock Island Park & Ride	Priority	0.8
Wenatchee	WA	Link Transit	Link Wireless Electric Bus Charging	Priority	1.5
Wenatchee	WA	Link Transit	Link Battery Electric Vehicles	Priority	8.0
Milwaukee	WI	Milwaukee County Transit System	East-West BRT	CIG	54.0
Milwaukee	WI	Milwaukee County Transit System	MCTS Bus Storage Garage Maintenance	SGR Priority	5.5
Milwaukee	WI	Milwaukee County Transit System	MCTS Fleet Maintenance Facility Maintenance	SGR Priority	4.2
Milwaukee	WI	Milwaukee County Transit System	MCTS Bus Hoist Replacements	SGR Priority	2.0

<b>City</b>	<b>State</b>	<b>Agency</b>	<b>Description</b>	<b>Project Type</b>	<b>Cost (Millions)</b>
<b>Milwaukee</b>	WI	Milwaukee County Transit System	MCTS HVAC Replacements	SGR Priority	2.5
<b>Milwaukee</b>	WI	Milwaukee County Transit System	MCTS Replacement of 30 Buses	SGR Priority	30.0