Management's Discussion and Analysis of Financial Condition and Results of Operations and Consolidated Financial Statements With

Report of Independent Auditors

Fiscal Year 2022



Management's Discussion and Analysis of Financial Condition and Results of Operations

The following Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) is intended to provide readers with an understanding of our results of operations, changes in financial position, and liquidity. This MD&A should be read in conjunction with our audited Consolidated Financial Statements for the fiscal years ended September 30, 2022 (FY2022) and September 30, 2021 (FY2021) and the related notes included elsewhere in this report.

FORWARD-LOOKING STATEMENT DISCLOSURE

This MD&A contains forward-looking statements that may be identified by the use of words like "may," "will," "could," "believe," "expect," "estimate," "anticipate," "project," and similar expressions. These forward-looking statements reflect our good-faith evaluation of information currently available and are subject to risks and uncertainties, including but not limited to the risk factors set forth below.

Forward-looking statements reflect our expectations, forecasts, or predictions of future conditions, events, or results based on various assumptions as well as our business plans. Forward-looking statements are not guarantees of future performance and actual results may differ materially from those envisaged by such forward-looking statements. Accordingly, readers should not place undue reliance on any such forward-looking statements. Forward-looking statements are representative only as of the date this report was prepared, and we do not assume any obligation to update or revise any forward-looking statement, whether as a result of new information, future events and developments, or otherwise.

RISK FACTORS

The risks we face could adversely affect our business, results of operations, financial condition, liquidity, and net worth, and could cause our actual results to differ materially from our past results or the results contemplated by any forward-looking statements we make. We believe the risks described below and in the other sections of this report are the most significant we face; however, these are not the only risks we face. We may face additional risks and uncertainties not currently known to us or that we currently believe are immaterial.

• We have a history of recurring operating losses and are dependent on grants from the Federal Government to operate the national passenger rail system and maintain the underlying infrastructure. These grants are usually received through annual appropriations. Appropriated funds for Amtrak are generally provided to the United States (U.S.) Department of Transportation (the DOT), which through its agency the Federal Railroad Administration (the FRA) provides us those funds pursuant to annual grant agreements. If we do not receive sufficient Federal Government funding, our ability to operate in our current form may be adversely affected.

Through multiple continuing appropriations acts, and the Consolidated Appropriations Act, 2023, we have been provided funding of \$2.45 billion for FY2023, including \$1.26 billion for Northeast Corridor (NEC) grants and \$1.19 billion for National Network (NN) grants. Without such Federal Government subsidies, we will not be able to continue to operate in our current form and significant operating changes, restructuring, or bankruptcy may occur.

• On November 15, 2021, the Infrastructure Investment and Jobs Act (the IIJA) was signed into law (Public Law 117-58). The IIJA contains two rail-funding-related components. The first component provides us with \$22.0 billion in advance appropriations for capital investment for FY2022 through FY2026. These funds are largely not available to help cover operating costs. In addition, that first component of the IIJA includes another \$44.0 billion in advance appropriations for rail

programs over the next five years. We will be eligible to apply for or will otherwise benefit from the majority of this funding. The second rail-funding-related component of the IIJA is a reauthorization of rail funding for FY2022 through FY2026. The IIJA reauthorization component authorizes, subject to appropriations, a nonbinding target funding level for Amtrak of \$19.2 billion for FY2022 through FY2026 or \$3.8 billion annually on average. It also contains a similar target for FRA competitive grants of \$15.3 billion, or \$3.1 billion annually. Actual appropriations for FY2022 and FY2023 have been less than the authorized amounts.

IIJA provides us with an unprecedented level of funding for capital projects. It will allow us and our state and commuter partners, in partnership with the FRA, to begin modernizing our assets, including by constructing new tunnels, replacing major bridges, accelerating major station development programs, expanding track and platform capacity, replacing obsolete equipment used on Amtrak's routes, acquiring new information technology systems, improving equipment maintenance facilities, acquiring new maintenance-of-way (MOW) equipment, and making MOW facility upgrades. IIJA also provides the funding and process improvements - including development of a nationwide project pipeline for corridor development - that are needed to set in motion the expansion and improvement of our network to cities and smaller communities that are underserved, or not served at all, by us today.

The FRA is responsible for distributing and administering the IIJA funding in an expeditious, efficient, and accountable manner. IIJA provides FRA with the necessary financial resources to do so. IIJA funding has required us to make internal process changes to carry out projects more expeditiously and to create additional controls to ensure compliance with new rules and regulations. Execution of IIJA-funded projects will be challenged by physical and operational constraints (e.g., limitations on the amount of time tracks can be taken out of service for construction work without degrading train operations) and the need for agreements and extensive coordination with governmental and railroad partners, and will require us to augment our workforce with many additional employees required to have specialized skills to carry out projects. Deficiencies or delays in administering additional funding, implementing process changes, reaching agreements for and managing very complex projects in coordination with partners, and securing necessary personnel resources could hinder our ability to comply with grant administration requirements, present financial results in sufficient detail, maintain train operational performance, and advance and complete projects in a timely manner. This could negatively impact the company's financial performance, credibility and ability to secure additional public funding.

• We face various risks related to health epidemics, pandemics and similar outbreaks, including the ongoing impact of the coronavirus pandemic (COVID). The pandemic negatively impacted worldwide economic activity and affected demand for our services. The unprecedented and rapid spread of COVID, the uncertainty caused by new variants of the underlying virus, and the related travel restrictions and social distancing measures implemented previously resulted in unprecedented reduction in travel demands which adversely impacted our business, operating results, financial condition, and liquidity. Moreover, operations are negatively affected when a large number of employees are unable to work as the result of exposure to a contagious illness, which negatively affects our ability to provide rail service. While we received \$3.7 billion, in FY2020 and FY2021, in COVID emergency relief funding through the Coronavirus Aid, Relief, and Economic Security Act, the Coronavirus Response and Relief Supplemental Appropriations Act, 2021, which is part of the Consolidated Appropriations Act, 2021, and the American Rescue Plan Act of 2021 (collectively, the COVID Relief Acts), the current level of funding may not be sufficient to fund our operations and debt obligations.

The long-term impact of COVID on travel demand and preferences is not yet known and this may affect Amtrak's market and operations well beyond the end of the pandemic. COVID accelerated certain trends already occurring in the U.S., such as remote work and video conferencing displacing commuting and business travel. We had to rethink many of our business and commercial strategies in the face of very different travel needs and a constantly shifting landscape. We have utilized a variety of different marketing and pricing approaches to support business recovery. To the extent the changed behavior becomes the new normal after COVID, it will impact demand for Amtrak services.

- As travel demand returns, we expect to continue to build our current workforce and hire a significant number of new employees with highly specialized skills. If we are unable to screen, hire, and onboard new employees, we may be unable to meet demand for rail service, which could have a negative impact on our operational efficiency and otherwise have a material adverse effect on our results of operations and financial condition. Changes in workforce demographics, training requirements, and availability of qualified personnel, particularly for engineers, conductors and onboard service employees, could have a negative impact on our ability to meet short-term demand for rail service. Unpredicted increases in such demand may exacerbate such risks and could negatively impact our operational efficiency.
- A significant portion of our equipment fleet is at or nearing the end of its useful service life. Our passenger railcar fleet averages 36 years of age and diesel locomotives nearly 25 years of age. Our older equipment has outmoded mechanical designs and systems, limited parts availability, poor reliability, commercially outdated appearances and amenities, and high operating costs. If replacement equipment is not provided, these issues may decrease customer satisfaction and the competitiveness of our services, impair on-time performance, and drive up our expenses, impacting our results of operations.
- Most of the rights-of-way over which we operate are owned by freight and other railroads, known as host railroads. Because the host railroads make all dispatching decisions about which trains have priority in using their rail line, they have significant control over our operations. Failure of host railroads to provide Amtrak trains with acceptable on-time performance (OTP) and adhere to our agreed-upon passenger train schedules could have an adverse impact on our revenues. Some freight railroads have disregarded the statutory requirement that our trains be given preference over freight. Currently, judicial enforcement of this requirement lies exclusively with the Department of Justice, which has not exercised that authority since 1979. This results in poor OTP that reduces our revenues and increases our costs. Continued non-compliance with the law by host railroads could negatively affect our financial performance and jeopardize the continued operation of the impacted routes.
- Our current route map still closely resembles the service we provided when we began operations in 1971. The only Amtrak service in certain regions in the country (i.e., most of the South, Southwest and Mountain States) is provided by Long Distance trains that generally operate once a day or less, serve many major metropolitan areas in the middle of the night or not at all, have unreliable OTP, and continue to generate significant operating losses. In FY2021, we launched *Amtrak Connects US*, a vision to advance the development of more frequent, reliable and sustainable intercity passenger rail service to over 160 more communities and 20 million more passengers annually by 2035. While the enactment of the IIJA will enable the expansion of corridor service into new markets, the FRA is tasked with selecting specific corridors for funding, and we can provide no assurance that any portion of Amtrak's specific vision will be realizable. Our failure to develop and expand intercity passenger rail corridors around the nation in collaboration with our existing and new state partners to serve growing metropolitan areas and megaregions, in order to become

relevant to present and future travelers in these underserved or not served regions and corridors, could negatively impact future revenue growth and financial performance and hinder our ability to attract the state funding support that has historically enabled us to expand our operations and increase our attractiveness to potential customers in other regions. In addition, expanding service also comes with an investment of resources that is constrained by available funds or availability to obtain grants, participation by state partners, and willingness of host railroads.

- In FY2022, our State Supported services represented 44.5% of our ridership and generated \$329.1 million in State Supported route subsidy revenue. Continued operation of State Supported routes is subject to annual operating agreements and state legislative appropriations. Failure on the part of any of the states to secure the necessary operating and capital funds from their state legislatures or decisions by states to contract with service providers other than Amtrak could put some state corridor services at risk.
- Our business is subject to federal and certain state and local laws and regulations, including compliance with requirements from various grant agreements. Our non-compliance with applicable laws, regulations, or grant agreements could result in litigation, assessment of damages, imposition of penalties, or other consequences, any or all of which could harm our reputation and have an adverse effect on our financial results.
- Our business is subject to the impacts of climate change, including increased frequency of weather events, storm surges, heavy precipitation, and sea level rise, which could adversely impact our operations, infrastructure and facilities.
- We could experience adverse publicity, harm to our brand, reduced travel demand, and potential tort liability as a result of an accident, catastrophe, future disease outbreak, or incident that involves us, our state partners, or our host railroads, which may result in a material adverse effect on our business, operating results, and financial condition.
- Our business is subject to numerous operational risks such as equipment failure, disruption of our supply chain, information system failure or interruption, cybersecurity attacks or breaches, severe weather, natural disasters, acts of terrorism or war, criminal activity, and other events which could adversely impact our operations.
- Breaches or lapses in the security of our technology systems and the data we store could compromise passenger, employee, or business partner information and expose us to liability, possibly having a material adverse effect on our business. The compromise of our technology systems resulting in the loss, disclosure, misappropriation of, or unauthorized access to, our information or that of our customers, employees, or business partners or failure to comply with regulatory or contractual obligations with respect to such information could result in legal claims or proceedings, liability, or regulatory penalties under laws protecting the privacy of personal information, disruption to our operations, and damage to our reputation, any or all of which could adversely affect our business. In addition, the costs to remediate breaches and similar system compromises that do occur could be material.
- Large portions of our operating costs are driven by prices for diesel fuel and electricity. To protect against increases in the market prices of electricity, we enter into forward purchases of our forecasted electricity consumption, and to protect against increases in the market prices of diesel fuel, we may enter into forward purchases for a portion of our future fuel requirements. However, these programs may not be successful in mitigating higher fuel costs due to changes in our consumption, and any price protection provided may limit the benefit we would have received under favorable market conditions.

- Due to the capital-intensive nature of our business, a significant increase in the replacement cost of our assets due to inflation or other economic conditions could adversely impact our business operations and financial results.
- Most of our employees are represented by unions, and failure to negotiate reasonable collective bargaining agreements under the terms of the Railway Labor Act could eventually result in strikes, work stoppages, or substantially higher ongoing labor costs.
- Environmental liabilities incurred in the normal course of business could have an adverse effect on our results of operations.
- Catastrophic events, including train derailments, could result in liabilities exceeding our insurance coverage.
- Any decline in the economy that further reduces business travel or depresses consumer spending in the U.S. could have a negative impact on our revenues.

GENERAL BUSINESS DESCRIPTION

Amtrak is America's Railroad[®], the nation's intercity passenger rail service and its high-speed rail operator. Our principal business is to provide rail passenger service in the major intercity travel markets of the U.S. In addition to our core business of intercity passenger railroad operations, we engage in related ancillary businesses that include:

- operating commuter railroads on behalf of various states and transit agencies;
- providing infrastructure access to commuter agencies, freight railroads, and third parties such as private developers, utilities, and others that require right-of-way access;
- performing engineering and capital improvement activities for others, including commuter agencies and freight railroads, on a cost-reimbursable basis; and
- managing and leasing commercial real estate.

We operate a national rail network of more than 21,400 route miles serving more than 500 destinations in 46 states, the District of Columbia (D.C.), and three Canadian provinces. In late FY2022, we resumed service to Toronto, Ontario, Canada via the *Maple Leaf*, and returned service to Vancouver, British Columbia., Canada via the Amtrak Cascades. The *Adirondack* service, which previously provided service to Montreal, Canada, resumed service between New York City and Albany on December 5, 2022. We expect to resume the *Adirondack* full service in April 2023. Additionally, we offer up to 140 Thruway routes that provide guaranteed connection to trains via buses, vans, ferries, and other modes of transportation. This extends our service to hundreds of communities not served directly by Amtrak trains in 38 states and Canada.

The *Acela* travels on the NEC between Washington, D.C., and Boston, Massachusetts. It is the fastest train in the Western Hemisphere, with a maximum speed of 150 mph (241 kph) on sections of its route between Boston and New Haven, Connecticut. Its top speed between New York City and Washington, D.C., is 135 mph (217 kph). Nearly half of our trains operate at top speeds of 100 mph (160 kph) or greater. Amtrak is the only railroad in North America to maintain right-of-way for service at speeds in excess of 125 mph (201 kph) and our engineering forces maintain more than 375 route-miles of track for 100+ mph (160+ kph) service.

The NEC is the busiest rail line in North America. Prior to COVID, there were approximately 2,200 Amtrak, commuter, and freight trains operating over some portion of the Washington, D.C.- New York - Boston NEC main line each day. There are eight commuter rail operators on the NEC. In FY2022, when

customer ridership was adversely impacted by COVID for much of the year, customers made 9.2 million trips on Amtrak NEC services (*Acela* and *Northeast Regional*) compared to 4.4 million trips in FY2021, which was impacted by COVID for the entire year.

In FY2022, we received funding from 20 agencies representing 17 states for financial support of 28 short distance routes (750 miles or less). Section 209 of the Passenger Rail Investment and Improvement Act of 2008 (PRIIA) required Amtrak and its state partners to develop jointly a single, nationwide, and standardized cost-sharing methodology to charge states for State Supported intercity passenger rail service. In FY2022, 10.2 million trips were taken on our State Supported services routes as compared to 5.5 million trips in FY2021.

Six State Supported corridors had ridership of 500,000 or more in FY2022:

- Pacific Surfliner (San Diego-Los Angeles-San Luis Obispo) 1.6 million;
- *Empire Service/Maple Leaf* (New York-Albany-Buffalo-Toronto) 1.4 million;
- *Keystone Service* (Harrisburg-Philadelphia) 0.8 million;
- San Joaquins (Oakland/Sacramento-Bakersfield) 0.7 million;
- Capitol Corridor (San Jose-Oakland-Sacramento-Auburn) 0.7 million; and
- *Hiawatha* (Milwaukee-Chicago) 0.5 million.

Amtrak operates 15 Long Distance train routes (more than 750 miles), which accounted for 15% of Amtrak ridership (3.5 million trips) in FY2022 as compared to 18% of Amtrak ridership (2.2 million trips) in FY2021. Amtrak is the only intercity passenger transportation service in an increasing number of communities that lack intercity bus and airline service. Our Long Distance trains provide the only rail service at nearly half of the stations in the Amtrak system and are the only Amtrak trains in 23 of the 46 states in the network.

Impact of COVID and our Response

Following the onset of the COVID pandemic, we intensified our focus on ensuring the health and safety of our customers, including refreshing railcar interiors, and providing enhanced cleaning frequencies in stations and trains, to ensure a consistently safe and sanitized experience across our facilities. During FY2022 we saw a significant increase in ridership as customers became more comfortable traveling again. We expect the strong COVID recovery trends to continue despite the recessionary pressures in the macroeconomic environment.

We continue prioritizing safety and customer experience, while recovering service levels and ridership. We have taken actions to mitigate the effect of COVID on our business and improve our overall liquidity position. In our efforts to manage our financial losses, and continue to make investments in capital projects for future riders, we initiated or continued the following revenue generating and other measures:

- *Product upgrades*: We introduced new Cafe menus on NEC and National Network (NN) trains. In response to customer feedback, these new menus offer more high-quality, fresh and vegan items for all meals, as well as reduced prices for select items.
- *Improving customer experience*: We upgraded Wi-Fi equipment to improve the customer experience across existing fleets.
- *New high-speed equipment*: In FY2022, our supplier Alstom Transportation continued work on 28 new high-speed trainsets. The first 18 units of a total order of 125 new ALC-42 diesel locomotives

from Siemens Mobility went into revenue service. Cleaner, faster and more fuel efficient than their predecessors, the ALC-42s will form the new backbone of the NN fleet.

- *New programs*: We installed 175 new ticketing kiosks in more than 150 stations. Activated by touch, card swipe, barcode scan, or insertion of a headset, the kiosks provide an accessible, minimum-touch experience.
- *Adding new services*: We added several new, extended, or expanded state-supported corridor services, and advanced plans for others, that will utilize the on-order IIJA-funded Intercity Trainsets when they are delivered and the infrastructure is available. New services added or anticipated include:
 - In July 2022, we initiated two new State Supported services: the extension of the existing New York City to Rutland *Ethan Allen* to Burlington, Vermont and a seasonal weekend service from New York City to Pittsfield, Massachusetts.
 - In partnership with the Commonwealth of Virginia, we began operating additional trains from Washington, D.C. to Norfolk and Roanoke. This service expansion, which created many additional engineer and conductor jobs, is the first of many service additions that will result from the groundbreaking agreement Amtrak and Virginia reached with CSX in 2021 that will transform Virginia's passenger rail service. Amtrak and Virginia plan to pursue IIJA-funded grants for projects that agreement will make possible.
 - We reached an agreement with host railroad Canadian Pacific for their support of the operation of new trains from Chicago to Milwaukee and St. Paul and on a new route from New Orleans to Baton Rouge.
 - Following proceedings before the Surface Transportation Board, we reached an agreement in November 2022, subject to certain conditions, that would allow restoration of service along the Gulf Coast between New Orleans and Mobile, which we have not served since Hurricane Katrina in 2005.

During FY2022 we continued our efforts from FY2021 to ensure the health and safety of employees and passengers, while maintaining flexibility to respond to the ever-changing face of the virus, restoring train service levels in line with growing demand, continuing to build a strong foundation for modernization and growth, and judiciously spending the COVID Relief Acts funds provided to us to support operations and returning demand. With the addition of new customer services and amenities in FY2022, and our proposals for new corridor service in communities, we also put in motion key initiatives to support an enhanced national rail network capable of better serving new and existing customers. We remain extremely focused on taking all measures available to manage our business during this unprecedented time, consistent with the terms of the financial assistance we have received from the U.S. Government.

COVID Relief Acts Funding

Between March 2020 and March 2021, the COVID Relief Acts provided us with a total of \$3.7 billion in supplemental federal grants to help offset lost revenue related to COVID and to otherwise respond to the pandemic. The funding we received included a total of \$808.3 million to support our state partners in making their payments due to us under PRIIA Section 209 and for capital payments that our state and commuter agency partners would otherwise have had to make to us according to the requirements of the Northeast Corridor Commuter and Intercity Rail Cost Allocation Policy required under PRIIA Section 212. As of September 30, 2022, we spent a total of \$3.4 billion of the COVID Relief Acts funding, including \$747.0 million of the funds received to support our state and commuter agency partners.

FY2023 Outlook and Additional Funding

The \$22.0 billion in advance appropriations the IIJA provides to Amtrak - \$6.0 billion for the NEC and \$16.0 billion for our National Network of state-supported and long-distance routes - will partially fund long-deferred investments in Amtrak's infrastructure, equipment, stations, facilities, and information technology. Many of these types of investments, along with investments to expand service, will also be eligible for competitive grants that will be awarded by the FRA under the re-imagined Federal-State Partnership for the State of Good Repair program originally created by the Fixing America's Surface Transportation (FAST) Act, which is now called the Federal-State Partnership for Intercity Passenger Rail. The IIJA provides advance appropriations of \$36.0 billion for Federal-State Partnership grants, of which no more than \$24.0 billion may be used for NEC projects.

According to the NEC Commission, the PRIIA-created commission comprised of representatives of states, the District of Columbia, Amtrak and the DOT, the NEC has a state of good repair (SOGR) backlog of approximately \$65.9 billion. Some of the most critical projects - including the Hudson Tunnel - are part of the Gateway Program, a planned phased expansion and renovation of the NEC rail line between Newark, New Jersey, and New York City, New York. We are also advancing work to replace the Baltimore & Potomac Tunnel and Susquehanna River Bridge in Maryland. The IIJA funds provided to Amtrak are intended to address the long-standing backlog of SOGR project and Amtrak's modernization needs.

Rail passengers will not be the only beneficiaries of the IIJA. It will produce thousands of jobs, both within Amtrak and for the suppliers and contractors who will provide many billions of dollars in goods and services required for IIJA-funded projects. The IIJA will enhance communities small and large throughout the country that will benefit from the new and expanded Amtrak service it will produce, and the station and other infrastructure projects it will fund that will spur local development. Furthermore, the IIJA will help address climate change and reduce greenhouse gas emissions by allowing more travelers to use rail, a sustainable transportation mode.

We created a new Capital Delivery Department that is responsible for carrying out IIJA-funded infrastructure and equipment projects. We are staffing it with Amtrak employees experienced in delivering railroad capital projects and rail and construction industry leaders from outside the company attracted by the once-in-a-generation opportunities the IIJA will create.

For FY2023 operations, Congress has appropriated \$2.45 billion for Amtrak, including \$1.26 billion for NEC grants and \$1.19 billion for NN grants. Federal Government funding is critical to maintaining our business operations and to supporting our efforts to prepare for the growth needed to deliver the IIJA-funded projects.

The duration and severity of the COVID pandemic's economic effects remain uncertain. However, we believe customer confidence will continue to grow, leading to continued increased demand during FY2023. We expect business travel to continue to return as many companies are expected to expand "return to office" plans throughout 2023.

Fleet, Facilities and Infrastructure Assets

As of September 30, 2022, our fleet included 20 *Acela* high speed trainsets; 1,353 passenger cars including Amfleet, Superliner, Viewliner, Horizon, Talgo, and other types; 77 *Auto Train* vehicle carriers; 227 road diesel locomotives; and 67 ACS-64 electric locomotives. In FY2022 the first 18 units of the new ALC-42 diesel locomotives from Siemens Mobility went into revenue service.

We are focused on the modernization of our passenger car, locomotive, and trainset fleets. Our current fleet predominantly consists of custom-built equipment and there is a long lead-time to procure

replacement units. As part of our efforts to launch and/or complete major fleet initiatives to modernize our passenger car, locomotive, and trainset fleets, we have entered into the following agreements:

- In June 2021, we entered into an agreement to purchase certain intercity trainset equipment, including 73 base trainsets, 67 locomotives and 18 spare vehicles, with options to purchase additional trainsets.
- In December 2018, we entered into a contract to purchase 75 ALC-42 long-distance diesel-electric passenger locomotives. In May 2022, we executed options to purchase an additional 50 locomotives. Deliveries of the locomotives started in June 2021.
- In August 2016, we entered into a contract to purchase 28 Next Generation High Speed Trainsets that will replace our existing *Acela* trainsets.

We serve 528 stations in the U.S. and Canada. At certain of these stations, we own some or all of the station components (72 station structures, 47 platforms, and 38 parking facilities). In addition, there are 57 stations in the U.S. where we own one or more components but do not actually serve that station (instead leasing the component to other rail operators). We own most of the maintenance and repair facilities for our fleet.

Other property that we own and/or maintain includes:

- NEC: We own 363 miles of the 457-mile NEC main line which connects Washington, D.C., Philadelphia, New York City, and Boston. The NEC has more trains and higher speeds than any other rail line in the country, with trains regularly reaching speeds of 125-150 mph (201-241 kph). Two sections of the NEC are owned by others: (1) the New York Metropolitan Transportation Authority owns 10 miles and Connecticut Department of Transportation owns 46 miles on Metro-North Railroad between New Rochelle, New York, and New Haven, Connecticut and (2) the Commonwealth of Massachusetts owns 38 miles between the Massachusetts/Rhode Island border and Boston that is operated and maintained by Amtrak;
- *Springfield Line*: We own a 60.5-mile segment of up-to-110 mph (177 kph) track between New Haven, Connecticut, and Springfield, Massachusetts;
- *Harrisburg Line*: We own a 104.2-mile segment of up-to-110 mph (177 kph) track in Pennsylvania between Philadelphia and Harrisburg;
- *Michigan Line*: We own a 95.6-mile segment of up-to-110 mph (177 kph) track from Porter, Indiana to Kalamazoo, Michigan;
- *Michigan Right-of-Way:* We also operate, maintain, and dispatch a 135-mile line between Kalamazoo and Dearborn, Michigan owned by the state of Michigan. Michigan and Amtrak have completed a series of infrastructure improvements, including replacement of worn track and upgrades to the train signaling and communication system, to further integrate this section of railroad with Amtrak's Michigan Line; and
- *Hudson Line*: We operate, maintain, and dispatch approximately 94 miles of the Hudson Line, also known as the Empire Corridor, in New York state between Poughkeepsie and Hoffmans (near Schenectady), nearly all of which is owned by CSX Transportation and leased to Amtrak.

As part of these property interests, we own 18 tunnels consisting of 24 miles of track and 1,414 bridges.

Outside of the NEC, we generally contract with other railroads for the use of their tracks and other resources required to operate our trains, with incentives for on-time performance. These host railroads are

responsible for the condition of their tracks and for the dispatching on their tracks. Approximately 72 percent of Amtrak's train miles are run on tracks owned by the host railroads.

The six largest host railroads for Amtrak trains in FY2022, by train-miles traveled, were:

- BNSF Railway 5.9 million train-miles;
- Union Pacific Railroad 5.6 million train-miles;
- CSX Transportation 4.3 million train-miles;
- Norfolk Southern Railway 2.4 million train-miles;
- Metro-North Railroad 1.1 million train-miles; and
- Canadian National Railway 1.1 million train-miles.

Relationship with Federal Government

The Federal Government through the DOT owns all of our issued and outstanding preferred stock and also provides financing to us under the Railroad Rehabilitation & Improvement Financing (RRIF) loan program (see Note 7 to the Consolidated Financial Statements included elsewhere in this report for detailed information regarding our RRIF loan financing with the Federal Government).

Employees

Excluding Amtrak's Office of Inspector General (OIG), as of September 30, 2022, we had approximately 19,000 employees and approximately 81 percent of our labor force was covered by labor agreements.

Environmental, Social, and Governance (ESG)

FY2022 marked a year of significant progress for us in incorporating sustainability into our core business practices and witnessed our broader commitment to advancing Diversity, Inclusion, and Belonging (DI&B).

Our ESG highlights as of September 30, 2022 include the following:

- *Sustainability*: In FY2022, we pledged to achieve net-zero greenhouse gas emissions across our network by 2045, to achieve 100% carbon-free electricity by 2030, and to reduce diesel fuel use through advanced technologies. We also continued to take delivery of ALC-42 locomotives that are an important part of our sustainability initiative and are considerably more environmentally-friendly than their 1990s predecessors. They reduce emissions of nitrogen oxide by more than 89 percent and particulate matter by 95 percent, while consuming less fuel than the locomotives being retired, and reach a greater top speed, 125 mph.
- *DI&B*: we recognize everyone has unique needs and continue to create more inclusive health and wellness benefits for eligible employees that provide care and resources when they are needed most. Some examples include:
 - *Community Day*: Management employees may take up to eight hours of paid time off each year to participate in a community program.
 - *Floating Holidays*: Management employees are able to take time off to observe a cultural or religious holiday that is special and personal to them.

- *Employee Resource Groups (ERGs)*: six percent of our total workforce belongs to one or more ERGs, which are groups of employees who join together based on shared characteristics, interests, or life experiences. ERGs are voluntary, independent of any department, and are led by employees, for employees. They provide a way to connect, contribute and foster belonging. ERGs promote DI&B by raising awareness, ensuring group members have a voice in the organization, and allowing employees to participate directly with our ongoing DI&B initiatives.
- Diversity Recruiting: In FY2022, we hosted a Military Spouses Career Fair and a Women in Tech Career Fair. Each month our recruiting team celebrated a different diversity dimension and invited one to three Amtrak employees from the featured ERGs to talk about their experience at Amtrak with candidates. Events were advertised in the community, including handing out Amtrak giveaways for our Next Stop Amtrak - Celebrates Pride Month event at New York City and Washington, D.C. Prides as well as flyers at Fiesta DC for our Next Stop Amtrak - Celebrates Hispanic Heritage Month. These events had over 700 attendees and connected 412 candidates with recruiters to find their next job at Amtrak.

As part of our commitment to managing our business ethically and with integrity, we seek to identify and mitigate risks that could lead to potential legal or regulatory violations. We're committed to building organizational capabilities to enhance employee and leader awareness and accountability, and to conducting business ethically, honestly, and in compliance with applicable laws and regulations. Additionally, we are focusing on fostering an inclusive environment through celebrations and storytelling in partnership with employees and communities.

PRINCIPAL BUSINESS

Our principal business activity is to provide passenger rail service in the major intercity travel markets of the U.S. and our core operating revenue comes from passenger ridership on our trains. Our train operations are divided into three service lines:

Northeast Corridor

The NEC is a high-speed railroad developed over the course of a multi-decade partnership among Amtrak, the DOT, commuter railroads, and states. While portions of the right-of-way follow alignments that date back to the 1830s, Amtrak, the DOT, and the commuter railroads have created a network that supports an intense daily schedule of approximately 2,200 trains and provides hourly or near hourly high-speed service, with a top speed (on the Boston to New York route) of 150 mph (241 kph).

State Supported

Our State Supported routes operate on short-distance corridors (750 miles or less) outside of the NEC. These routes provide a travel alternative that is generally trip-time competitive with other modes for shorter distance trips and also provide connections to our national network at larger stations. State Supported services are vital links in the Amtrak national network. The power of increasing demand for passenger rail is recognized through state investments to improve service, speed, and safety. In addition, states and communities realize stations served by Amtrak are anchors for economic development, catalysts for historic preservation and tourism growth, sites for commercial and cultural uses, and points of civic pride.

Long Distance

We operate trains on 15 Long Distance routes, all but one offering sleeping car service in addition to coaches. Our Long Distance trains provide the only rail service at nearly half of the stations in the Amtrak system and are the only Amtrak trains in 23 of the 46 states in the network. Amtrak is the only intercity passenger transportation service in many communities that lack intercity bus and airline service. Operating over routes that range up to 2,728 miles in length, the Long Distance trains serve several purposes, connecting nearby communities with one another, with major metropolitan areas, and with other Amtrak services at hubs such as Chicago. The vast majority of passengers, particularly in coach, travel over only portions of these routes. In many places, Long Distance trains have helped to "incubate" short-distance corridor service on portions of their route, and most Long Distance trains provide additional service frequency on State Supported routes and the NEC, offering travelers a greater range of travel options. The vast majority of Long Distance train-miles are on host railroad tracks owned by freight railroads. Customer OTP, measured as the percentage of customers arriving on time compared to total customers traveling by Amtrak train, for our Long Distance routes has historically been the weakest in our network. The primary reason for delays has been freight train interference. Customer OTP declined in FY2022 to 43.8%, compared to 51.7% in FY2021. Long Distance routes also have the lowest operating cost recovery ratio in Amtrak's network, requiring substantial Federal Government funding.

OTHER BUSINESS ACTIVITIES

In addition to passenger-related revenue, we earn other revenue from contracts with customers, including (i) commuter and freight access fee and other revenue from the use of Amtrak-owned tracks by commuter agencies and freight railroad companies, and other revenue related to the use of Amtrak's infrastructure; (ii) revenue from reimbursable contracts, which represents amounts earned under contracts with customers pursuant to which Amtrak provides repair, maintenance, design, engineering, or construction services; (iii) revenue earned under contractual arrangements to operate various commuter rail services under commercial agreements; (iv) commercial development revenue from co-branding commissions and other sources.

Revenues from sources other than contracts with customers include (i) revenue from state partners for their State Supported route subsidy; (ii) revenue from state government capital assistance; (iii) reimbursable capital revenue; and (iv) rental income from lease contracts and miscellaneous other revenue.

RESULTS OF OPERATIONS

The following discussion presents an analysis of results of our operations for FY2022 and FY2021 (in millions):

		Year Ended S	Sept	ember 30,		
	_	2022	_	2021	\$ Change	% Change
Revenues:	_					
Revenue from contracts with customers	\$	2,448.4	\$	1,498.2	950.2	63.4 %
Other		549.1		566.3	(17.2)	(3.0)
Total revenues		2,997.5		2,064.5	933.0	45.2
Total operating expenses		4,827.6		4,048.5	779.1	19.2
Loss from operations		(1,830.1)		(1,984.0)	153.9	(7.8)
Non-operating income (expense), net		2.4		(23.1)	25.5	(110.4)
Net loss	\$	(1,827.7)	\$	(2,007.1)	5 179.4	(8.9) %

Our total revenue increased by \$933.0 million or 45.2% in FY2022, compared with FY2021, due to the ongoing recovery during FY2022 from the pandemic. Revenue from contracts with customers increased \$950.2 million and other revenue decreased \$17.2 million. The main driver of the increase in revenue from contracts with customers is increased travel demand and service restorations. The main driver of the decrease in other revenue is decreased billings on State Supported routes - as ticket revenue increased, the state partner funding decreased.

Our operating expenses increased by \$779.1 million or 19.2% in FY2022, compared with FY2021, primarily attributable to increases in salaries, wages, and benefits expense; an increase in spending in Engineering, Information Technology, and Human Resources professional fees; higher insurance expense; more expenditures in fuel, power, and utilities; and cost increases in train operations. The overall increase in salaries, wages, and benefits is mainly driven by higher headcount, increased train service resulting in more overtime expense, and higher employer tax liability due to increased headcount and the expiration of employee retention credits from the COVID Relief Acts.

Total Revenues (in millions)

	Year Ended September 30,					
		2022	 2021		\$ Change	% Change
Passenger related revenue:						
Ticket	\$	1,768.9	\$ 872.7	\$	896.2	102.7 %
Food and beverage		44.0	 23.0		21.0	91.3
Total passenger related revenue		1,812.9	 895.7		917.2	102.4
Commuter and freight access		244.5	244.5			—
Reimbursable operating		168.8	174.6		(5.8)	(3.3)
Commuter operations		136.9	122.4		14.5	11.8
Commercial development (non-lease)		47.2	40.2		7.0	17.4
Miscellaneous		38.1	20.8		17.3	83.2
Total revenues from contracts with customers		2,448.4	 1,498.2		950.2	63.4
State Supported route subsidy		329.1	352.8		(23.7)	(6.7)
Amortization of deferred state government capital assistance		141.5	139.7		1.8	1.3
Reimbursable capital revenue		49. 7	50.1		(0.4)	(0.8)
Lease and other revenue		28.8	23.7	l	5.1	21.5
Total revenues	\$	2,997.5	\$ 2,064.5	\$	933.0	45.2 %

¹ \$17.2 million included in Lease and other revenue for the year ended September 30, 2021 was reclassified to conform with the current year presentation to record both premiums earned and premiums paid within "Other" expenses.

Total passenger related revenue increased by \$917.2 million or 102.4% in FY2022, compared with FY2021. The increase is primarily because in FY2021 there was limited travel demand during the pandemic and also because most Long Distance trains were reduced to three days a week, rather than seven days a week, during most of the year. In FY2022, the Company experienced increased demand with travel restrictions being lifted and people gaining comfort with traveling.

Ridership and Gross Ticket Revenue

The following table provides a detailed analysis of our ridership and gross ticket revenue (in millions):

		Amtrak Ridership and Gross Ticket Revenue							
	Ridersh	Ridership (Number of Trips)			Gross Ticket Revenue (\$)				
	2022	2021	% Change		2022		2021	% Change	
NEC	9.2	4.4	109.1 %	\$	903.7	\$	339.0	166.6 %	
State Supported	10.2	5.5	85.5		359.4		206.9	73.7	
Long Distance	3.5	2.2	59.1		505.8		326.8	54.8	
Total	22.9	12.1	89.3 %	\$	1,768.9	\$	872.7	102.7 %	

NEC ridership and gross ticket revenue increased by 109.1% and 166.6%, respectively, in FY2022 compared with FY2021. Increased customer travel demand throughout FY2022 drove the increases over FY2021. In FY2022, *Acela* ridership and gross ticket revenue increased by 138.9% and 191.5%, respectively, and *Northeast Regional* ridership and gross ticket revenue increased by 102.1% and 152.3%, respectively. We do not expect this level of ridership and revenue increase to repeat in FY2023.

State Supported ridership and gross ticket revenue increased by 85.5% and 73.7%, respectively, in FY2022 compared with FY2021. State Supported routes also experienced increases in ridership in FY2022 due to the recovery from COVID. In FY2022, the top five State Supported routes with the largest gross ticket revenue were *Empire South, Pacific Surfliner, San Joaquins, Keystone Service,* and *Wolverine*.

Long Distance ridership and gross ticket revenue increased by 59.1% and 54.8%, respectively, in FY2022 compared with FY2021. Continuing from FY2020, we temporarily reduced Long Distance train frequencies and not all Long Distance frequencies were restored until June 2021. In FY2022, most Long Distance trains generally operated five or seven days a week, providing a significant boost to Long Distance. In FY2022, the top five routes with the largest gross ticket revenue were the *Auto Train, California Zephyr, Silver Star, Empire Builder,* and *Coast Starlight*.

Other revenues from contracts with customers increased by \$33.0 million in FY2022 compared with FY2021, primarily driven by an increase in co-brand commissions, commuter operations revenue and other miscellaneous revenue.

Revenues from sources other than contracts with customers decreased by \$17.2 million in FY2022 compared with FY2021, primarily driven by lower State Supported route funding of \$23.7 million or 6.7%. Section 209 of PRIIA required Amtrak and its state partners to develop jointly a single, nationwide, and standardized cost-sharing methodology to charge states for State Supported intercity passenger rail service. We receive payments from our state partners to compensate for most operating and some capital expenses which are not covered by paid ticket revenue. Increased ridership as we recover from the COVID pandemic resulted in higher ticket revenue on State Supported routes, which produced lower funding requirements from State Supported route partners. The COVID Relief Acts funding that we received between March 2020 and March 2021 included a total of \$588.7 million to support our state partners in making their payments to us in accordance with PRIIA Section 209.

	Year Ended	Sept	tember 30,		
	2022		2021	 \$ Change	% Change
Salaries, wages, and benefits	\$ 2,356.0	\$	1,930.5	\$ 425.5	22.0 %
Train operations	287.0		217.1	69.9	32.2
Fuel, power, and utilities	302.3		188.4	113.9	60.5
Materials	193.9		162.2	31.7	19.5
Facility, communication, and office related	212.8		176.5	36.3	20.6
Advertising and sales	87.3		56.2	31.1	55.3
Casualty and other claims	82.1		124.3	(42.2)	(34.0)
Depreciation and amortization	895.3		902.3	(7.0)	(0.8)
Other	582.4		440.0	142.4	32.4
Indirect cost capitalized to property and equipment	 (171.5)		(149.0)	 (22.5)	15.1
Total operating expenses	\$ 4,827.6	\$	4,048.5	\$ 779.1	19.2 %

Total Operating Expenses (in millions)

Salaries, wages, and benefits increased by \$425.5 million or 22.0% in FY2022 compared with FY2021, due to an increase in wages attributable to headcount growth and increased train service resulting in more overtime expense, and higher employer tax liability due to increased headcount and the expiration of employee retention credits from the COVID relief funding acts passed in prior years.

Train operations increased by \$69.9 million or 32.2% in FY2022 compared with FY2021, primarily driven by increased ridership and service. Service was reduced in the first half of FY2021 due to the COVID pandemic. In much of FY2021 most Long Distance (LD) trains operated only three days a week while in FY2022 most LD trains generally operated five or seven days a week. Also, more State Supported Trains operated in FY2022 compared to FY2021. FY2022's results reflect a return to traditional dining and increased capacity. Significant inflationary pressures in FY2022 increased the cost of operations and the need for higher priced product substitutions driven by supply chain constraints also impacted FY2022 results.

Fuel, power, and utilities increased by \$113.9 million or 60.5% in FY2022 compared with FY2021, primarily due to the increase in train fuel cost. Train fuel cost has both price and consumption components. Our average price per gallon for diesel increased from \$2.06 in FY2021 to \$3.56 in FY2022. Consumption also increased by 8.5 million gallons, a 21.1% increase year-over-year. The increase in gallons was driven by the restoration of service described previously. We also had increased power and utility costs. This also had price and consumption components with higher commodity costs and increased train frequencies in FY2022.

Materials increased by \$31.7 million or 19.5% in FY2022 compared with FY2021, primarily due to an increase in equipment repair and maintenance material consumption as a result of increases in levels of service and in production related activities.

Facility, communication, and office related increased by \$36.3 million or 20.6% in FY2022 compared with FY2021, primarily due to increases in facilities and data communication expenses.

Advertising and sales increased by \$31.1 million or 55.3% in FY2022 compared with FY2021, primarily due to new advertising campaigns to drive ridership and win back customers. Higher ticket and food and beverage sales contributed to an increase in payment card fees that are incurred based on sales.

Casualty and other claims expenses decreased by \$42.2 million or 34.0% in FY2022 compared with FY2021, primarily due to a \$41.2 million reduction in FY2022 for participation in an insurance program beginning in FY2022. The \$41.2 million reduction of "Casualty and other claims" expense is offset by an increase in "Other" expense due to the higher insurance premiums for participating in this insurance program.

Depreciation and amortization expense decreased by \$7.0 million or 0.8% in FY2022 compared with FY2021, primarily based on changes in depreciation estimates.

Other increased by \$142.4 million or 32.4% in FY2022 compared with FY2021, primarily due to an increase in spending in Engineering, Information Technology, and Human Resources professional fees and higher insurance expenses in FY2022.

Indirect cost capitalized to property and equipment increased by \$22.5 million or 15.1% in FY2022 compared with FY2021, primarily due to higher overhead rates in FY2022 compared to FY2021.

Non-operating Income (Expense) (in millions)

	Ye	ar Ended S	Septer	mber 30,		
		2022		2021	 \$ Change	% Change
Interest income	\$	21.8	\$	16.1	\$ 5.7	35.4 %
Interest expense		(17.0)		(23.6)	6.6	(28.0)
Other expense, net		(2.4)		(15.6)	 13.2	(84.6)
Total non-operating income, net	\$	2.4	\$	(23.1)	\$ 25.5	(110.4) %

Interest income increased by \$5.7 million or 35.4% in FY2022 compared with FY2021 primarily due to a significant increase in interest rates, partially offset by lower average cash investments in FY2022.

Interest expense decreased by \$6.6 million or 28.0% in FY2022 compared with FY2021, primarily due to a lower outstanding balance of debt and capital lease obligations, attributable to scheduled principal payments made and several capital lease terminations in FY2022.

Other expense, net decreased by \$13.2 million, from \$15.6 million in FY2021 to \$2.4 million in FY2022. The change is primarily due to being reimbursed in FY2022 for expense recorded in FY2016 related to an early termination of debt.

LIQUIDITY AND CAPITAL RESOURCES

Our business activities require that we maintain adequate liquidity to fund current and future needs for our business obligations and to provide for planned capital expenditures, including those to implement regulatory and legislative initiatives.

We rely on cash flows from operating activities and appropriations from the Federal Government to operate the national passenger rail system and to maintain the underlying infrastructure we own. Our primary uses of cash are to support operations; maintain and improve our infrastructure; service our debt; acquire new and maintain and/or modernize our existing locomotives, rolling stock, and other equipment; and meet other obligations.

Our grants from the Federal Government are generally (with the notable exception of the IIJA-provided advance appropriations) received through annual appropriations. Our regular annual federal appropriations totaled \$2.3 billion for FY2022 and \$2.0 billion for FY2021. In FY2022, the annual appropriation was \$1.5 billion for the NN and \$874.5 million for the NEC. In FY2021, the annual appropriation was \$1.3 billion for the NN and \$700.0 million for the NEC. In addition to our annual federal appropriations, we received an additional \$2.7 billion in FY2021 in COVID Relief Acts funding.

On December 29, 2022, the President signed the Consolidated Appropriations Act, 2023 (Public Law 117-328), which provides \$2.45 billion for Amtrak for FY2023, consisting of \$1.26 billion for the NEC and \$1.19 billion for the NN. FY2023 funding prior to December 29, 2022 was provided in several continuing resolutions. Federal Government subsidies are critical to maintaining our business operations.

See Note 2 to the Consolidated Financial Statements included elsewhere in this report for additional information regarding our annual funding.

In addition to grant funding, we entered into a debt financing arrangement in FY2016 with the Federal Government under the Railroad Rehabilitation and Infrastructure Financing (RRIF) loan program to finance the acquisition of 28 Next Generation High-Speed Trainsets. In FY2021, we made a voluntary

prepayment of \$39.0 million to reduce capitalized interest that had increased principal outstanding for the RRIF loan. Scheduled principal and interest payments began in September 2022. We also have debt financing arrangements with third parties. See Note 7 to the Consolidated Financial Statements included elsewhere in this report for more detailed information regarding our debt financing arrangements.

Overview of Cash Flow (in millions)

	Year Ended Ser	ptember 30,		
	2022	2021	\$ Change	% Change
Cash flows (used in) provided by:				
Operating activities	\$ (1,078.7) \$	(971.1)	\$ (107.6)	11.1 %
Investing activities	(1,574.0)	(3,141.0)	1,567.0	(49.9)
Financing activities	 2,459.9	4,194.8	(1,734.9)	(41.4)
Net change in cash and cash equivalents, including restricted cash	(192.8)	82.7	(275.5)	(333.1)
Beginning balance of cash and cash equivalents, including restricted cash	491.9	409.2	82.7	20.2
Ending balance of cash and cash equivalents, including restricted cash	\$ 299.1 \$	491.9	\$ (192.8)	(39.2) %

Operating Cash Flows

Net operating cash outflows for FY2022 increased by \$107.6 million to \$1.1 billion, compared with \$971.1 million in FY2021. The higher FY2022 operating cash outflow was primarily due to usage of COVID Relief Acts funding received for PRIIA Section 209 State Supported routes and for partners' PRIIA Section 212 obligations, and an increase in casualty claim payments made, which were partially offset by \$179.4 million lower net loss in FY2022 attributable to business recovery from COVID.

Investing Cash Flows

Cash flows relating to investing activities consist primarily of capital expenditures on property and equipment and activities related to our available-for-sale and short-term investment securities. Net cash used in investing activities decreased by 49.9% to \$1.6 billion in FY2022 compared with \$3.1 billion in FY2021. Investing activities decreased primarily due to no supplemental COVID Relief Acts funding received in FY2022, comparing to \$2.7 billion received in FY2021 and subsequently invested in short-term investments and available-for-sale securities in FY2021.

Financing Cash Flows

Cash flows from financing activities consist primarily of receipt of federal grant funds, state capital payments, and issuance and repayment of long-term debt and capital lease obligations. Financing activities provided cash of \$2.5 billion in FY2022, \$1.7 billion less than the \$4.2 billion in FY2021. The decrease was primarily due to COVID Relief Acts funding received in FY2021.

Financing cash flows for FY2022 and FY2021 are discussed in more detail below:

• Net financing cash inflows for FY2022 were \$2.5 billion. Annual appropriations from the Federal Government provided funding of \$2.3 billion and we did not receive any supplemental Federal funding. See Note 2 to the Consolidated Financial Statements included elsewhere in this report for detailed information on annual funding from the Federal Government. In addition, we received \$229.6 million in state government capital assistance. Offsetting these inflows were debt and capital lease obligation payments of \$125.7 million.

• Net financing cash inflows for FY2021 were \$4.2 billion. Annual appropriations from the Federal Government provided funding of \$2.0 billion. In addition, we received \$2.7 billion of COVID Relief Act funds, of which \$2.1 billion was recorded as financing cash flows. In addition, we received \$242.1 million in state government capital assistance. Offsetting these inflows were debt and capital lease obligation payments of \$193.7 million.

We are subject to various covenants and restrictions under our borrowing arrangements. A default by us or acceleration of our indebtedness may result in cross-default with other debt and may have a material adverse effect on us. As of September 30, 2022, we satisfied all of our covenant obligations.

Overview of Contractual Obligations and Capital Expenditures

Contractual Obligations

We have contractual obligations related to long-term debt and leases, including off-balance sheet arrangements in the form of operating leases, that we have entered into to facilitate our business operations and to supplement our funding requirements. Refer to Note 7 to the Consolidated Financial Statements included elsewhere in this report for information on our long-term debt financing and related scheduled maturities and Note 8 for information on our capital and operating leasing arrangements and related future minimum lease payment obligations.

In the normal course of business, we enter into long-term contractual commitments for future services needed for the operations of our business. Such commitments are not in excess of expected requirements and are not reasonably likely to result in performance penalties or payments that would have a material adverse effect on our liquidity. See Note 11 to the Consolidated Financial Statements included elsewhere in this report for additional information.

Capital Expenditures

Our business is capital-intensive, requiring significant amounts of capital to fund the acquisition of assets. Our capital spending programs have been designed to assure our ability to provide safe, efficient, and reliable transportation services. We receive funds from state and local entities and from federal appropriations for our capital spending programs, including state of good repair spending on our infrastructure and modernization of our passenger car, locomotive, and trainset fleets.

The following table summarizes major capital expenditures by department for FY2022 and FY2021 (in millions):

	Year	Year Ended September 30,			
	20	2021			
Engineering	\$	720.3 \$ 579.3			
Gateway and Trainsets		441.5 594.3			
Mechanical		304.0 435.4			
Other		567.9 439.3			
Total	\$ 2	,033.7 \$ 2,048.3			

• *Engineering* major capital expenditures in FY2022 included \$626.3 million for right-of-way (track, signals, substations, etc.) replacement and upgrade projects; \$54.1 million for construction of and upgrades to bridges, tunnels, and culverts; and \$37.8 million for station and facility upgrades. Included within the right-of-way projects are \$137.8 million related to Amtrak system tie and timber

replacement and undercutting, surfacing, and turnout renewal programs; \$73.7 million for New York infrastructure renewal and track programs; and \$57.2 million for major equipment purchases.

- *Gateway and Trainsets* major capital expenditures in FY2022 included \$185.1 million for the *Acela* trainsets, \$150.2 million for the intercity trainsets and \$106.2 million of Gateway project costs.
- *Mechanical* major capital expenditures in FY2022 included \$96.6 million for diesel locomotive acquisitions, \$91.0 million for overhauls and replacement of Amfleet cars (single-level passenger cars built in the 1970s and 1980s), \$44.2 million for overhauls and modifications on Superliners (bi-level passenger cars built in the 1970s, early 1980s and 1990s and used primarily on Long Distance trains that do not operate over the NEC), \$34.7 million for new or overhauls and modifications of other locomotives, sleeper and baggage cars, and \$27.8 million for lease buyouts, other passenger or baggage car overhauls and facilities repairs and improvements.
- *Other* major capital expenditures in FY2022 included \$100.7 million for projects to comply with the Americans with Disabilities Act, \$91.2 million for customer-focused station facility improvements, \$76.7 million of right-of-way projects with host railroads or state partners, \$41.2 million in safety related initiatives, and \$37.9 million for Baltimore and Potomac Tunnel project costs.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

The preparation of our Consolidated Financial Statements in accordance with GAAP requires us to make judgments, estimates, and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses, and related disclosure of contingent assets and liabilities. We base these judgments and estimates on historical experience and on various other assumptions that we believe to be reasonable under the circumstances. Actual results may differ from these estimates.

Understanding the extent to which we use management judgment and estimates in applying our accounting policies is integral to understanding our financial statements. See Note 3 to our Consolidated Financial Statements included elsewhere in this report for a detailed discussion of our significant accounting policies and related management judgments and estimates.

We believe the following accounting policies require significant judgments and assumptions about material and inherently uncertain matters and the use of reasonably different estimates and assumptions could have a material impact on our results of operations or financial condition:

Property, Equipment, and Depreciation

Due to the highly capital-intensive nature of the railroad industry, capitalization and depreciation of property and equipment are substantial components of our financial statements. Property and equipment, including leasehold improvements, comprised 78.5% of our total assets at the end of FY2022, and related depreciation and amortization comprised 18.5% of total operating expenses in FY2022.

Except as described below, property and equipment that we own are carried at cost and are depreciated using the group method of depreciation (group method) in which a single composite depreciation rate is applied to the gross investment in a particular class of property or equipment, despite differences in the service life or salvage value of individual property units within the same class. This excludes computer equipment and software, which are stated at cost and are individually depreciated on a straight-line basis over their estimated useful lives, which are generally four to ten years. Properties held under capital leases and leasehold improvements are depreciated over the shorter of their estimated useful lives or their respective lease terms. Land is carried at cost.

We periodically engage a civil engineering firm with expertise in railroad property usage to conduct a study to evaluate depreciation rates for assets subject to the group method. In addition to the adjustment to group depreciation rates because of periodic depreciation studies, certain other events might occur that could affect our estimates and assumptions related to depreciation. Unforeseen changes in operations or technology or assets' physical conditions could substantially alter assumptions regarding our ability to realize the return of investment on our operating assets and, therefore, affect the amount of current and future depreciation expense. Because group method depreciation expense is a function of analytical studies made of property and equipment, subsequent studies could result in different estimates of useful lives and net salvage values. If future group method depreciation studies yield results indicating that assets have shorter lives because of obsolescence, physical condition, changes in technology, or changes in net salvage values, the depreciation expense for assets under the group method could increase. Likewise, if future studies indicate that assets have longer lives, the depreciation expense for assets under the group method could decrease.

Casualty Losses and Claims

We record an estimated liability for unsettled casualty and other open claims, including personal injury, occupational injury, passenger liability, and miscellaneous liability claims. Our projections for personal injury liability and ultimate loss are undiscounted and estimated using standard actuarial methodologies, including estimates for provisions for unasserted claims. We also record insurance recovery receivables for the estimated liability for passenger and/or employee claims in excess of our self-insured retention amount. Our insurance recovery receivables represent our best estimate of insurance proceeds we believe are probable of recovery.

Revenue Recognition

We recognize revenue from contracts with customers as operating revenues when the related performance obligations are performed. For passenger-related revenue, amounts received for tickets that have been sold but not used are initially recorded as deferred ticket revenue and then recognized in revenue when travel occurs and the service has been provided.

In our experience, there is always a small percentage of tickets purchased by customers which expire unused. For non-refundable tickets that expire unused, we recognize revenue upon departure of the train on the date of the scheduled travel. Refundable tickets that expire unused are recognized in revenue upon departure of the train on the scheduled travel date if the customers do not request a refund or exchange prior to the departure dates. We issue vouchers good for future travel within one year upon request for exchange and record revenue on issued vouchers that are estimated to expire unused (breakage). These estimates are generally based on analysis of our historical data.

Amtrak Guest Rewards Program

The Amtrak Guest Rewards (AGR) program generates customer loyalty by rewarding customers with incentives on transactions with Amtrak or its partners. This program allows AGR members to earn AGR points by purchasing a ticket and traveling on Amtrak or from transactions with other participating AGR partner companies such as credit card companies, hotels, and car rental agencies. Points can be redeemed for Amtrak travel or for non-travel rewards such as partner gift cards or hotel stays and car rentals. We also sell AGR points to members and partners.

When customers who are enrolled in our AGR program purchase tickets, these customers (i) earn AGR points; and (ii) receive transportation provided by Amtrak. We first value the AGR points earned and the remaining sales proceeds are allocated to transportation provided by us. To value the AGR points earned, we use the market approach to estimate the value per point and also factor in an estimated breakage for

AGR points that are not likely to be redeemed. We recognize the associated value proportionally during the period in which the remaining AGR points are estimated to be redeemed. We engage an independent external actuary who uses statistical models to estimate breakage based on both historical and forecasted future redemption patterns. A change in assumptions as to the period over which AGR points are expected to be redeemed, the actual redemption activity for AGR points, or the estimated fair value of AGR points expected to be redeemed could have an impact on revenues in the year in which the change occurs and in future years.

Environmental Matters

As further described in Note 12 to the Consolidated Financial Statements included elsewhere in this report, we are subject to extensive and complex federal and state environmental laws and regulations regarding environmental issues. As a result of our operations and acquired properties, we are from time to time involved in administrative and judicial proceedings and administrative inquiries related to environmental matters. Our policy is to accrue estimated liabilities and capitalize such remediation costs if they (i) extend the life, increase the capacity, or improve the safety or efficiency of the property, (ii) mitigate or prevent environmental contamination that has not occurred but may result from future operations, (iii) are incurred in preparing the property for sale, or (iv) are incurred on property acquired with existing environmental conditions, and to expense other remediation costs. The liability is periodically adjusted based on our present estimate of the costs we will incur related to these sites and/or actual expenditures made. Some of our real estate properties may have environmentally regulated wastes or materials present. If these properties undergo excavations or major renovations or are demolished, certain environmental regulations that are in place may specify the manner in which the wastes or materials must be assessed, handled, and disposed. We have identified a number of locations for which excavations and major renovations are planned and liabilities have been recorded. In the future, we may plan other excavations, demolitions, major renovations, or other construction activities that affect similar wastes or materials.

At some locations, although a potential liability exists for the removal or remediation of environmentally regulated materials, sufficient information is not available currently to estimate the liability, as the range of time over which we may settle these obligations is unknown or the cost of remediation cannot be reasonably estimated at this time. Although we believe we have appropriately recorded reserves for known and estimable future environmental costs, we could incur significant costs that exceed reserves or require unanticipated cash expenditures.

The amounts included in the environmental reserve reflect only our estimate of our portion of the gross liability. The ultimate liability for environmental remediation is difficult to determine with certainty due to, among other factors, the number of potentially responsible parties, site-specific cost sharing arrangements, the degree and types of contamination, potentially unidentified contamination, developing remediation technology, and evolving statutory and regulatory standards related to environmental matters. In addition, for certain known sites, the ultimate liability cannot be estimated until the results of the remedial investigation phase are known. We believe that additional future remedial actions for known environmental matters will not have a material adverse effect on our results of operations or financial condition and that our environmental reserves are adequate to fund remedial actions to comply with present laws and regulations.

Postretirement Employee Benefits

Accounting for pension and other postretirement benefits requires us to make several estimates and assumptions. These include estimates and assumptions regarding the discount rates used to measure the

future obligations and interest expense component of pension and other postretirement benefit expense, long-term rate of return on plan assets, health care cost trend rates, mortality rates, and other assumptions.

We engage an independent external actuary to compute the amounts of liabilities and expenses relating to these plans subject to the assumptions that we select. We review the discount rate, long-term rate of return on plan assets, health care cost trend rates, and mortality rates on an annual basis and make modifications to the assumptions based on current rates and trends as appropriate. We have a qualified, non-contributory defined benefit retirement plan (the Retirement Income Plan) whose assets are held in trust covering certain nonunion employees and certain employees who at one time held nonunion positions. Effective June 30, 2015, the Retirement Income Plan was closed to new entrants and frozen for future benefit accruals. See Note 13 to the Consolidated Financial Statements included elsewhere in this report for additional information on our postretirement employee benefit obligations.

Discount Rates

Discount rates affect the amount of liability recorded and the interest expense component of pension and other postretirement benefit expense. Discount rates reflect the rates at which pension and other postretirement benefits could be effectively settled, or in other words, how much it would cost us to buy enough high-quality bonds to generate sufficient cash flow equal to our expected future benefit payments. We determine the discount rate based on the market yield as of each fiscal year end for high quality corporate bonds whose maturities match the plans' expected benefit payments. Each year, these discount rates are reevaluated and adjusted to reflect the best estimate of the currently effective settlement rates. If interest rates generally decline or rise, the assumed discount rates will change.

Long-term Rate of Return on Plan Assets

The expected long-term rate of return on plan assets reflects the average rate of earnings expected on the funds invested, or to be invested, to provide for benefits included in the projected benefit obligation. Several factors are considered in developing the estimate for the long-term expected rate of return on plan assets. These include historical rates of return over the past three-, five-, and ten-year periods as well as projected long-term rates of return obtained from pension investment consultants.

Health Care Cost Trend Rates

Health care cost trend rates are based on recent plan experience and industry trends. We use guidance from employee benefits and actuarial consultants, Amtrak-specific claims trends, and health care cost studies to substantiate the inflation assumption for health care costs.

Other Assumptions

The calculations made by the actuaries also include assumptions relating to mortality rates, turnover, and retirement age. These include assumptions related to future mortality improvement, anticipated future retirement experience for our agreement and non-agreement populations, and expected employee turnover.

LEGAL PROCEEDINGS

We are involved in various litigation and arbitration proceedings in the normal course of business, including but not limited to tort, contract, eminent domain, and civil rights claims. When we conclude it is probable that a liability has been incurred and the amount of the liability can be reasonably estimated, we accrue it through a charge to earnings. While the ultimate amount of liability incurred in any of these lawsuits and claims is dependent on future developments, in our opinion, recorded liabilities, where applicable, are adequate to cover the future payment of such liabilities and claims. However, the final outcome of any of these lawsuits and claims cannot be predicted with certainty, and unfavorable or

unexpected outcomes could result in additional accruals that could be material to our results of operations in a particular year. Any adjustments to the recorded liability will be reflected in earnings in the periods in which such adjustments are probable and reasonably estimable. See Note 11 to the Consolidated Financial Statements included elsewhere in this report for additional information on our legal matters.

CONSOLIDATED FINANCIAL STATEMENTS

National Railroad Passenger Corporation and Subsidiaries (Amtrak) Years Ended September 30, 2022 and 2021 With Report of Independent Auditors



Consolidated Financial Statements

Years Ended September 30, 2022 and 2021

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Report of Independent Auditors

The Board of Directors and Stockholders National Railroad Passenger Corporation

Opinion

We have audited the consolidated financial statements of National Railroad Passenger Corporation and subsidiaries (the Company), which comprise the consolidated balance sheets as of September 30, 2022 and 2021, and the related consolidated statements of operations, comprehensive loss, changes in capitalization and cash flows for the years then ended, and the related notes (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Company at September 30, 2022 and 2021, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Federal Government Funding

As explained in Notes 1 and 2 to the financial statements, the Company has a history of operating losses and is dependent upon substantial Federal Government subsidies to sustain its operations and maintain its underlying infrastructure. As further explained in Note 2 to the financial statements, the Company is receiving Federal Government funding under the Continuing Appropriations and Ukraine Supplemental Appropriations Act and the Infrastructure Investment and Jobs Act. There are currently no Federal Government operating funds appropriated by law for any period subsequent to December 16, 2022. Without the receipt of Federal Government funding, the Company will not be able to continue in its current form and significant operating changes, restructurings or bankruptcy might occur. Our opinion is not modified with respect to this matter.



Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free of material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstance, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.



• Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Ernst + Young LLP

December 14, 2022

Consolidated Balance Sheets

(In Thousands of Dollars, Except Share Data)

	September 30,	
	2022	2021
Assets:		
Current Assets:		
Cash and cash equivalents, including restricted cash	\$ 299,058	\$ 491,945
Short-term investments, including restricted investments	123,917	390,176
Available-for-sale securities, including restricted securities	2,900,521	3,265,920
Accounts receivable, net	189,789	159,293
Materials and supplies, net	291,881	254,381
Prepaid expenses	102,767	86,659
Other current assets	196,058	179,308
Total current assets	4,103,991	4,827,682
Property and equipment:		
Locomotives	1,981,391	1,894,171
Passenger cars and other rolling stock	3,693,016	3,643,138
Right-of-way and other properties	17,920,253	17,288,470
Construction-in-progress	3,600,298	2,702,960
Leasehold improvements	1,228,883	1,114,087
Property and equipment, gross	28,423,841	26,642,826
Less: Accumulated depreciation and amortization	(11,026,711)	(10,325,233)
Total property and equipment, net	17,397,130	16,317,593
Other assets:		
Restricted investments	107,053	218,463
Deferred charges, deposits, and other	565,692	111,894
Total other assets	672,745	330,357
Total assets	\$ 22,173,866	\$ 21,475,632

Consolidated Balance Sheets (continued)

(In Thousands of Dollars, Except Share Data)

	September 30,		
		2022	2021
Liabilities and capitalization:			
Current liabilities:			
Accounts payable	\$	816,060	\$ 548,079
Accrued expenses and other current liabilities		1,020,478	1,309,403
Deferred ticket revenue		201,243	131,663
Current maturities of long-term debt and capital lease obligations		128,853	36,729
Total current liabilities		2,166,634	2,025,874
Other liabilities:			
Long-term debt and capital lease obligations		841,263	958,572
Deferred state government capital assistance		2,741,867	2,653,845
Amtrak guest rewards program liability		84,884	100,717
Casualty reserves		214,375	185,093
Postretirement employee benefits obligation		421,370	565,597
Environmental reserve		142,954	141,955
Other liabilities		250,327	147,690
Total other liabilities		4,697,040	4,753,469
Total liabilities		6,863,674	6,779,343
Commitments and contingencies (Note 11)			
Capitalization:			
Preferred stock - \$100 par, 109,396,994 shares authorized,			
issued and outstanding		10,939,699	10,939,699
Common stock - \$10 par, 10,000,000 shares authorized, 9,385,694			
issued and outstanding		93,857	93,857
Other paid-in capital		46,371,911	44,015,913
Accumulated deficit		(41,966,670)	(40,138,982)
Accumulated other comprehensive loss		(128,605)	(214,198)
Total capitalization		15,310,192	14,696,289
Total liabilities and capitalization	\$	22,173,866	\$ 21,475,632

Consolidated Statements of Operations

(In Thousands of Dollars)

		Year Ended September 30,			
	2022			2021	
Revenues:					
Revenue from contracts with customers	\$	2,448,357	\$	1,498,234	
Other		549,137		566,322	
Total revenues		2,997,494		2,064,556	
-					
Expenses:					
Salaries, wages, and benefits		2,356,015		1,930,523	
Train operations		287,043		217,140	
Fuel, power, and utilities		302,312		188,395	
Materials		193,896		162,222	
Facility, communication, and office related		212,822		176,543	
Advertising and sales		87,307		56,178	
Casualty and other claims		82,072		124,345	
Depreciation and amortization		895,326		902,268	
Other		582,449		439,957	
Indirect cost capitalized to property and equipment		(171,697)		(149,018)	
Total operating expenses		4,827,545		4,048,553	
Loss from operations		(1,830,051)		(1,983,997)	
Non-operating income (expense):					
Interest income		21,766		16,054	
Interest expense		(17,038)		(23,574)	
Other expense, net		(2,365)		(15,556)	
Total non-operating income (expense), net	_	2,363		(23,076)	
Net loss	\$	(1,827,688)	\$	(2,007,073)	

Consolidated Statements of Comprehensive Loss

(In Thousands of Dollars)

Net loss	\$ 2022	 2021	
	\$ (1.037.(00)	2021	
	(1,827,688)	\$ (2,007,073)	
Other comprehensive income (loss):			
Pension and other postretirement benefit plans:			
Actuarial gain arising during the period, net	115,495	26,726	
Amortization of net actuarial loss reclassified into earnings	14,807	18,794	
Amortization of prior service credit reclassified into earnings		 (9,939)	
Total change from pension and other postretirement benefit plans	 130,302	35,581	
Changes in unrealized losses on available-for-sale securities, net of reclassifications into earnings due to sales and maturities	(44,709)	(7,256)	
Total other comprehensive income	85,593	28,325	
Total comprehensive loss	\$ (1,742,095)	\$ (1,978,748)	

Consolidated Statements of Changes in Capitalization

(In Thousands of Dollars)

	Preferred Stock	Common Stock	Other Paid-in Capital	Accumulated Deficit	Accumulated Other Comprehensive Loss	Total
Balance as of September 30, 2020	\$ 10,939,699	\$ 93,857	\$ 39,869,509	\$ (38,131,909)	\$ (242,523)	\$ 12,528,633
Federal paid-in capital			4,146,404			4,146,404
Net loss			_	(2,007,073)	_	(2,007,073)
Other comprehensive income			_	_	28,325	28,325
Balance as of September 30, 2021	10,939,699	93,857	44,015,913	(40,138,982)	(214,198)	14,696,289
Federal paid-in capital	_	—	2,355,998	_	—	2,355,998
Net loss	_	—	_	(1,827,688)	_	(1,827,688)
Other comprehensive income	_	_	_	_	85,593	85,593
Balance as of September 30, 2022	\$ 10,939,699	\$ 93,857	\$ 46,371,911	\$ (41,966,670)	\$ (128,605)	\$ 15,310,192

Consolidated Statements of Cash Flows

(In Thousands of Dollars)

	Year Ended September 30			ember 30,
		2022		2021
Cash flows from operating activities:				
Net loss	\$	(1,827,688)	\$	(2,007,073
Adjustments to reconcile net loss to net cash used in operating activities:				
Amortization of deferred state government capital assistance		(141,548)		(139,656
Depreciation and amortization		895,326		902,268
Loss on sale of property and equipment		30,757		5,208
Non-cash investment loss (income)		54,055		(17,505
Other		20,377		26,146
Changes in assets and liabilities:				
Accounts receivable		(36,876)		(36,067
Materials and supplies, prepaid expenses, and other current assets		2,696		(139,478
Other assets		(191,370)		66,033
Accounts payable, deferred ticket revenue, and accrued expenses and other current liabilities		58,609		442,155
Other liabilities		56,940		(73,086
Net cash used in operating activities		(1,078,722)		(971,055
Cash flows from investing activities:		-0		
Purchases of short-term investments		(7,467,732)		(10,735,010
Proceeds from sales and maturities of short-term investments		7,773,380		10,477,538
Purchases of available-for-sale securities		(5,340,023)		(9,660,932
Proceeds from sales and maturities of available-for-sale securities		5,678,646		8,764,087
Purchases and refurbishments of property and equipment		(2,221,546)		(1,996,304
Proceeds from disposals of property and equipment and other		3,290		9,613
Net cash used in investing activities		(1,573,985)		(3,141,008
Cash flows from financing activities:				
Proceeds from federal paid-in capital		2,355,998		4,146,404
Proceeds from state government capital assistance		229,570		242,070
Repayments of debt and capital lease obligations		(125,748)		(193,650
Net cash provided by financing activities		2,459,820		4,194,824
Net change in cash and cash equivalents, including restricted cash		(192,887)		82,761
Beginning balance of cash and cash equivalents, including restricted cash		491,945		409,184
Ending balance of cash and cash equivalents, including restricted cash	\$	299,058	\$	491,945
Supplemental disclosure of cash payments:				
Interest paid, net of amount capitalized	\$	20,564	\$	32,300
Supplemental disclosure of non-cash investing and financing activities:				
Other non-cash changes in property, including accruals of amounts due for purchases	\$	78,063	\$	52,255

Years Ended September 30, 2022 and 2021

1. Nature of Operations

The National Railroad Passenger Corporation (Amtrak or the Company) was incorporated in 1971 pursuant to the Rail Passenger Service Act of 1970 and is authorized to operate a nationwide system of passenger rail transportation. The United States government (the Federal Government) through the Secretary of the United States Department of Transportation (the DOT) owns all issued and outstanding preferred stock. Amtrak's principal business is to provide rail passenger transportation service in the major intercity travel markets of the United States. The Company also operates commuter rail operations on behalf of certain states and transit agencies, provides equipment and right-of-way maintenance services, and has leasing operations.

The Company has a history of recurring operating losses and is dependent on subsidies from the Federal Government to operate the national passenger rail system and maintain the underlying infrastructure. These subsidies are usually received through annual appropriations. Appropriated funds for Amtrak are generally provided to the DOT, which through its agency the Federal Railroad Administration (the FRA) provides those funds to Amtrak pursuant to annual grant agreements. Amtrak's ability to continue operating in its current form is dependent upon the continued receipt of subsidies from the Federal Government. The DOT, through its National Surface Transportation and Innovative Finance Bureau (also referred to as the Build America Bureau), also provides financing to Amtrak through the Railroad Rehabilitation and Infrastructure Financing (RRIF) Program.

The 2019 coronavirus (COVID) pandemic (the pandemic) continues to impact the Company's fiscal year (FY) 2022 financial results. Although demand for both leisure and business travel increased in FY2022 as compared to FY2021, the effects of the pandemic are ongoing and continue to impact business operations and resource availability.

In FY2021, Amtrak received significant supplemental financial assistance from the Federal Government to respond to and recover from the pandemic. To alleviate the effect of the pandemic, the Company made adjustments to train service, including service frequency reductions. Service has been restored for many routes in FY2022; however, service reductions still occur on some routes, mainly due to COVID-related employee absences.

The Company evaluated if its ongoing operating losses raise substantial doubt about Amtrak's ability to continue as a going concern in the foreseeable future, considered to be through the end of December 2023, and concluded that the Company's forecasted cash flows, including anticipated Federal and state funding and credit arrangements, are sufficient to cover Amtrak's operations for the next year. Without Federal Government funding, Amtrak will not be able to continue to operate in its current form and significant operating changes, restructuring, or bankruptcy may occur. Such changes or restructuring would likely result in asset impairments.

See Notes 2, 4, 5, and 7 for additional information about Amtrak and its relationship with the Federal Government, including funding received to assist the Company in responding to the pandemic under the Coronavirus Aid, Relief, and Economic Security Act, the Emergency Coronavirus Relief Act of 2020, which is part of the Consolidated Appropriations Act, 2021, and the American Rescue Plan Act of 2021 (collectively, the COVID Relief Acts).

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

2. Annual Funding

On December 4, 2015, Public Law 114-94, the Fixing America's Surface Transportation Act (the FAST Act), was enacted. Title XI - Rail of Division A of the FAST Act, cited as the Passenger Rail Reform and Investment Act of 2015, authorized funding to the Secretary of the DOT (the Secretary) for annual grants to Amtrak totaling \$8.1 billion for FY2016 through FY2020. Of the five-year total authorized for Amtrak, \$2.6 billion was for the Northeast Corridor (NEC) and \$5.5 billion was for Amtrak's National Network (NN), as defined in the FAST Act. The FAST Act also authorized an additional \$2.2 billion over five years for other competitive rail grant programs in which Amtrak could participate.

FAST Act extensions through December 3, 2021 were enacted as part of the Continuing Appropriations Act, 2021 and Other Extensions Act (Public Law 116-159); the Surface Transportation Extension Act of 2021 (Public Law 117-44); and the Further Surface Transportation Extension Act of 2021 (Public Law 117-52).

Congress provided Amtrak with annual appropriations over the relevant period (although not always at the exact authorized amount); this included \$2.0 billion for FY2021 via the Consolidated Appropriations Act, 2021 (Public Law 116-260) and \$2.3 billion for FY2022 via the Consolidated Appropriations Act, 2022 (Public Law 117-103).

Between March 2020 and March 2021, the Company was also provided a combined \$3.7 billion in supplemental appropriations via the COVID Relief Acts, which sought to help Amtrak prevent, prepare for, and respond to the pandemic. Of this total, \$2.7 billion was received in FY2021 and \$1.0 billion was received in FY2020.

The COVID Relief Acts funding received by Amtrak and intended for Amtrak's state and agency partners was recorded as an advance payment from the states and agencies. The balance of the COVID Relief Acts funding was recorded as other paid-in capital. As of September 30, 2022, \$269.7 million of COVID Relief Acts funding remained to be spent.

On November 15, 2021, the Infrastructure Investment and Jobs Act (the IIJA) was signed into law (Public Law 117-58). The IIJA contains two rail-funding-related components. The first component provides \$22.0 billion in advance appropriations for Amtrak for capital investment for FY2022 through FY2026. These funds are largely not available to help cover operating costs. In addition, the first component of the IIJA includes another \$44.0 billion in advance appropriations for rail programs. Amtrak will be eligible to apply for or will otherwise benefit from the majority of this funding. Congress does not have to take any additional action through the annual appropriations process in order for Amtrak to receive these advance appropriations.

The second rail-funding-related component of the IIJA is a reauthorization of rail funding for FY2022 through FY2026, which replaces the FAST Act (as extended). The IIJA reauthorization component authorizes a non-binding target funding level for Amtrak of \$19.2 billion for FY2022 through FY2026, or \$3.8 billion annually on average. It also contains a similar target for FRA competitive grants of \$15.3 billion, or \$3.1 billion annually. Additionally, the bill's policy provisions largely continue structures and processes established by the FAST Act.

2. Annual Funding (continued)

On September 30, 2022, President Biden signed into law the Continuing Appropriations and Ukraine Supplemental Appropriations Act, 2023 (Public Law 117-180), which appropriated funding for Amtrak at FY2022 levels until December 16, 2022. Congress has not specifically appropriated any FY2023 operating funds for the Company for the period subsequent to December 16, 2022.

The table below provides information on funding for the Company's FY2023, FY2022, and FY2021 as provided by various continuing resolutions (CRs), the Consolidated Appropriations Act (Full Year Funding) related to those years, the IIJA appropriations, and the COVID Relief Acts described above (dollars in millions):

2. Annual Funding (continued)

	FY2023			FY2022		FY2021
Enactment dates for CRs and COVID Relief Acts funding	Septembe	r 30, 2022	Dee Feb	ember 30, 2021 ember 3, 2021 ruary 18, 2022 arch 11, 2022	Dece Dece Dece Dece Dece	ober 1, 2020 mber 11, 2020 mber 18, 2020 mber 20, 2020 mber 22, 2020 mber 27, 2020 rch 11, 2021
Public Law (PL) numbers for CRs and COVID Relief Acts funding	PL 11	.7-180		PL 117-43 PL 117-70 PL 117-86 PL 117-95	P P P P	L 116-159 L 116-215 L 116-225 L 116-226 L 116-246 L 116-260 PL 117-2
Enactment date for Full Year Funding	Ν	/A		arch 15, 2022	Dece	mber 27, 2020 ²
PL number for Full Year Funding	Ν	/A	1	PL 117-103	Р	L 116-260 ²
The IIJA			Nov	ember 15, 2021		
PL number for IIJA funding				PL 117-58		
Appropriated for NN	\$	307.4	\$	1,456.9	\$	2,374.2
Appropriated for NEC		184.5		874.5		2,325.8
Total funds appropriated		491.9		2,331.4		4,700.0
FRA authorized withholdings		(2.7)		(12.7)		(21.0)
Total appropriated funds designated for Amtrak	\$	489.2	\$	2,318.7	\$	4,679.0
Funds received by Amtrak:						
In FY2021					\$	4,679.0
In FY2022			\$	2,318.7		—
In FY2023, as of December 14, 2022	\$					
Total funds received, as of December 14, 2022	\$		\$	2,318.7	\$	4,679.0

¹ FY2023 full year funding is not yet enacted.

² The Consolidated Appropriations Act, 2021, PL 116-260, provided both annual appropriations for FY2021 and additional supplemental funding for the Company's response to the pandemic.

See Note 4 for information on additional grants received by the Company.

3. Basis of Presentation and Summary of Significant Accounting Policies

Method of Accounting

The accompanying Consolidated Financial Statements are presented using the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

Principles of Consolidation

The Consolidated Financial Statements reflect the consolidated operations of Amtrak and its wholly owned subsidiaries, NERI PCC, Inc. (NERI), Passenger Railroad Insurance, Limited (PRIL), and Washington Terminal Company (WTC). All intercompany balances and transactions have been eliminated.

NERI was incorporated on March 28, 2022 under the laws of District of Columbia. NERI is a protected cell captive insurance company structured to take self-insured construction liability risks for certain Amtrak infrastructure projects.

PRIL was incorporated on December 18, 1996 under the laws of Bermuda to provide excess liability and property insurance coverage to Amtrak. In addition, PRIL provides insurance and reinsurance coverage to third parties performing work on Amtrak property. Beginning in FY2022, the Company also uses PRIL's participation in a treaty reinsurance agreement as part of its risk management program. The treaty includes other third-party participants. The reinsurance agreement is one year in duration, and new agreements are entered into by each participant at their discretion at the commencement of the next calendar year. The participant agreements and practices of the reinsurance program limit a participating member's individual risk. In the event PRIL leaves the reinsurance program, PRIL retains its primary obligation to the policyholders for prior activity. PRIL receives direct premiums from the treaty by providing reinsurance for its share of the treaty risk, and the Company reports the reinsurance premiums and related expenses net within the "Other" expense line in its Consolidated Statements of Operations.

WTC was formed on December 6, 1901 and its assets are comprised of buildings and rail yard adjacent to Washington Union Station. This entity has no operations.

Cash and Cash Equivalents

Short-term highly liquid investments that have a maturity at the date of acquisition of three months or less and are readily convertible to known amounts of cash without incurring penalties are generally considered cash equivalents. Cash and cash equivalents are maintained at various financial institutions and, at times, the balance may exceed federally insured limits.

The Company considers funds that are set aside and restricted for specific purposes as restricted cash and cash equivalents. As of September 30, 2022 and 2021, the Company's cash and cash equivalents include restricted cash of \$20.3 million and \$20.9 million, respectively. The Company's restricted cash and cash equivalents consist of funds held in trust restricted from withdrawals based upon certain collateral requirements and funds restricted for certain operations of the Amtrak Police Department.

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

Short-Term Investments

Short-term investments are investments in money market funds that seek to preserve the investment by maintaining stable market net asset value (NAV) of \$1. These investments include \$13.0 million and \$283.0 million, as of September 30, 2022 and 2021, respectively, of restricted investments acquired using the COVID Relief Acts funding provided for the purpose of supporting Amtrak's state partners in making their State Supported route subsidy payments and capital payments due to Amtrak.

Money market funds are accounted for as equity securities and are carried at market NAV. Because of their stable NAV of \$1, there are no realized gains or losses on sale or unrealized gains or losses on market value adjustments on these investments. Return on investment in the form of dividends is recorded within "Interest income" in the Consolidated Statements of Operations.

Available-for-Sale Securities

Available-for-sale securities are comprised of investments in marketable debt securities that when acquired are classified and accounted for as available-for-sale securities. These securities include restricted investments, \$61.7 million and \$37.5 million as of September 30, 2022 and 2021, respectively, that represent available-for-sale securities acquired using COVID Relief Acts funding provided for the purpose of supporting Amtrak's state and agency partners in making their State Supported route subsidy payments and capital payments due to Amtrak.

Available-for-sale securities are measured at fair value in the Consolidated Balance Sheets and unrealized gains and losses are included in the Consolidated Statements of Comprehensive Loss. Realized gains and losses are recognized when the securities are sold based on the specific identification method and realized gains and losses, interest, and dividends are recorded within "Interest income" in the Consolidated Statements of Operations.

Fuel Purchase Agreements

The Company periodically enters into agreements to purchase fuel in the future to manage a portion of its exposure to fluctuating energy prices. These agreements, which inherently contain market risk, are generally effective in reducing fluctuations in cash flows. The Company does not enter into energy agreements for trading or speculative purposes.

The Company does not designate these agreements as hedging instruments. Realized and unrealized gains and losses on these agreements are recorded in current earnings as a component of "Fuel, power, and utilities" in the Consolidated Statements of Operations.

During FY2022 and FY2021, the Company recorded \$13.7 million and \$5.7 million, respectively, in realized gains on its fuel purchase agreements. The Company had no outstanding fuel future purchase agreements as of September 30, 2022.

Accounts Receivable

Accounts receivable includes billed and unbilled accounts receivable. Billed accounts receivable represents amounts for which invoices have been sent to customers. These accounts receivable are

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

recorded at the invoiced amount. Unbilled accounts receivable represents amounts recognized as revenue for which invoices have not yet been sent to customers but for which services and work have been performed. The Company recorded \$38.9 million and \$48.5 million of unbilled accounts receivable as of September 30, 2022 and 2021, respectively. The Company does not extend credit and payment is always due at the point of sale for passenger tickets, food and beverage, and related services sold to customers. With regard to non-passenger-related sales, the Company generally provides payment terms that typically range from 30 to 60 days. The Company does not require collateral from customers. Customer accounts outstanding longer than the payment terms are considered past due.

Materials and Supplies

Materials and supplies, which are stated at weighted-average cost, net of allowance for shrinkage and obsolescence, consist primarily of items for repairs and maintenance of property and equipment. The allowance for shrinkage and obsolescence, \$55.3 million and \$53.4 million as of September 30, 2022 and 2021, respectively, is recorded based on specific identification and expected usage rates.

Property, Equipment, and Depreciation

Except as described below, property and equipment owned by the Company are carried at cost and depreciated using the group method of depreciation (group method) in which a single composite depreciation rate is applied to the gross investment in a particular class of property or equipment, despite differences in the service life or salvage value of individual property units within the same class. This excludes computer equipment and software, which are stated at cost and are individually depreciated on a straight-line basis over their estimated useful lives, which are generally four to ten years. Properties held under capital leases and leasehold improvements are depreciated over the shorter of their estimated useful lives or their respective lease terms, and the related depreciation expense is reported within "Depreciation and amortization" in the Consolidated Statements of Operations. Land is carried at cost.

For assets depreciated under the group method, upon normal sale or retirement, the cost less the net salvage value is applied to "Accumulated depreciation and amortization" in the Consolidated Balance Sheets and no gain or loss is recognized. Gains or losses on the disposal of land and accelerated depreciation related to significant premature retirements of assets under the group method are recorded in the Consolidated Statements of Operations at the time of occurrence. There were no significant premature retirements of depreciable property or disposals of land for which gains or losses were recorded in FY2022 or FY2021.

Amtrak periodically engages an outside civil engineering firm with expertise in railroad property usage to conduct a study to evaluate depreciation rates for assets subject to the group method. In addition to the adjustment to group depreciation rates because of periodic depreciation studies, certain other events might occur that could affect Amtrak's estimates and assumptions related to depreciation. Unforeseen changes in operations or technology could substantially alter assumptions regarding Amtrak's ability to realize the return on its investment in operating assets and, therefore, affect the amounts of current and future depreciation expense. Because group method depreciation expense is a function of analytical studies made of property and equipment, subsequent studies could result in different estimates of useful lives and net salvage values. If future group method depreciation studies yield results indicating that assets have shorter

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

lives because of obsolescence, physical condition, changes in technology, or changes in net salvage values, the depreciation expense for assets under the group method could increase. Likewise, if future studies indicate that assets have longer lives, the depreciation expense for assets under the group method could decrease.

Construction-in-progress is stated at cost and includes direct costs of construction and interest capitalized during the period of construction of major facilities, locomotives, and passenger cars. Construction-in-progress is transferred to property and equipment when substantially all the activities necessary to prepare such assets for their intended use are completed, at which time depreciation commences. When constructed assets are funded through long-term debt, capitalized interest is recorded as part of the asset to which it relates and is depreciated over the asset's useful life. Constructed assets funded through government grants are not qualifying expenditures subject to interest capitalization. Total interest incurred by the Company was \$31.1 million and \$38.1 million for FY2022 and FY2021, respectively, of which \$14.1 million and \$14.5 million was capitalized for FY2022 and FY2021, respectively.

The useful lives of locomotives, passenger cars, and other rolling stock assets for depreciation purposes range up to 40 years. Depreciable right-of-way and other properties are depreciated using useful lives ranging up to 90 years. Within other properties is computers, office equipment, and maintenance equipment which are depreciated using useful lives ranging from four to 53 years. Expenditures that significantly increase asset values or extend useful lives are capitalized, including major overhauls. Repair and maintenance expenditures, including preventive maintenance, are charged to operating expense when the work is performed. The cost of internally developed software is capitalized and amortized over its estimated useful life, which is generally five to ten years.

Indirect Cost Capitalized to Property and Equipment

Capitalized overhead cost represents the indirect support expenses related to specific geographic regions and departments that are involved in particular capital projects. These indirect costs, which include fringe benefits allocable to direct labor, are capitalized along with the direct costs of labor, material, and other direct costs. Amtrak's overhead rates are updated at the end of each fiscal year based upon the actual activity and costs incurred during the fiscal year.

Impairment of Long-Lived Assets

Properties and other long-lived assets are reviewed for impairment whenever events or business conditions indicate that their carrying amounts may not be recoverable. Initial assessments of recoverability are based on an estimate of undiscounted future net cash flows. If impairment indicators are present, the assets are evaluated for sale or other disposition, and their carrying amounts are reduced to fair value based on discounted cash flows or other estimates of fair value.

In performing its impairment analysis, the Company assumes future Federal Government subsidies at levels that are at least consistent with the historical funding levels, excluding the COVID Relief Acts funding, discussed in Note 2. With the passage of the IIJA, the Company's future funding levels will be significantly higher than historical funding levels. At its anticipated level of funding, the Company determined that no indicators of impairment existed as of both September 30, 2022 and 2021.

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

Restricted Investments

Restricted investments consist of (1) investments acquired using the funds received under a settlement agreement with one of the Company's state partners that requires the Company to utilize the funds only for certain agreed-upon capital projects and (2) deposits into a debt service reserve account to meet requirements established by the 2016 RRIF Loan (see Note 7). These investments have been classified as restricted and non-current. Once the 2016 RRIF Loan debt service reserve account is fully funded, any excess funds in that account can be withdrawn by the Company for general use, provided that Amtrak is not in default under the 2016 RRIF Loan and that withdrawal requests can only be made once per year. These investments are accounted for as available-for-sale securities, except for \$3.4 million and \$42.8 million in money market funds that are accounted for as equity securities as of September 30, 2022 and 2021, respectively.

Casualty Losses and Claims

Provision is made for Amtrak's estimated liability for unsettled casualty claims. Unsettled casualty claims of \$0.3 million or less are covered under PRIL's participation in a reinsurance treaty entered into in October 2021, for which premiums are recorded in "Other" expenses in the Consolidated Statement of Operations. An insurance recovery receivable is recorded per incident for the estimated liability for passenger and/or employee claims in excess of the Company's self-insured retention amount. The insurance recovery expected to be collected within one year is recorded in "Other current assets" and amounts expected to be collected beyond one year are recorded in "Deferred charges, deposits, and other" in the Consolidated Balance Sheets. These receivables represent the Company's best estimate of insurance proceeds it believes are probable of recovery.

Personal injury liability and ultimate loss projections are undiscounted and estimated using standard actuarial methodologies. The actuarial estimates include an estimate for unasserted claims. As of September 30, 2022 and 2021, the reserve for casualty losses and claims was \$367.3 million and \$387.6 million, respectively. Of the total amount reserved as of September 30, 2022 and 2021, the estimated current claims liability included in "Accrued expenses and other current liabilities" in the Consolidated Balance Sheets was \$152.9 million and \$202.5 million, respectively. The remaining reserve as of both September 30, 2022 and 2021 is included in "Casualty reserves" in the Consolidated Balance Sheets.

Revenue Recognition

"Revenue from contracts with customers" in the Consolidated Statements of Operations includes (i) all passenger related revenue (i.e. ticket and food and beverage sales); (ii) commuter and freight access fee and other revenue from the use of Amtrak-owned tracks by commuter agencies and freight railroad companies, and other revenue related to the use of Amtrak's infrastructure; (iii) revenue from reimbursable contracts, which represents amounts earned under contracts with customers pursuant to which the Company provides repair, maintenance, design, engineering, or construction services; (iv) revenue earned under contractual arrangements to operate various commuter rail services for a cost-based fee; (v) commercial development revenue from co-branding commissions and other sources.

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

The components of Revenue from contracts with customers are as follows (in millions):

	Yea	Year Ended September 30,						
		2022	2021					
Ticket	\$	1,768.9	\$	872.7				
Food and beverage		44.0		23.0				
Total passenger related revenue		1,812.9		895.7				
Commuter and freight access		244.5		244.5				
Reimbursable operating		168.8		174.6				
Commuter operations		136.9		122.4				
Commercial development (non-lease)		47.2		40.2				
Miscellaneous		38.1		20.8				
Total revenue from contracts with customers	\$	2,448.4	\$	1,498.2				

Revenue from contracts with customers is recognized as operating revenues when the related performance obligations are performed. For passenger related revenue, amounts received for tickets that have been sold but not used are reflected initially as "Deferred ticket revenue" in the Consolidated Balance Sheets then recognized in revenue when travel occurs. Commuter and freight access revenues are recognized when the access service has been provided for the period. Reimbursable revenues are recognized when related costs are incurred. Commuter operations revenues are recognized as commuter operating services are provided to the customers. Commercial development (non-lease) revenues are recognized when the related services are provided to customers.

Non-refundable tickets expire and are recognized in revenue on the date of the scheduled travel. Refundable tickets expire and are recognized in revenue on the scheduled travel dates if the customers do not request a refund or exchange prior to travel in accordance with the Company's refund and exchange policy. The Company issues vouchers good for future travel within one year upon request for exchange and records revenue on issued vouchers that are estimated to expire unused (breakage). The Company uses its historical experience to estimate voucher breakage.

"Other" revenue in the Consolidated Statements of Operations includes income from sources other than contracts with customers and includes (i) revenue from state partners for their State Supported route subsidy; (ii) revenue from state government capital assistance; and (iii) rental income from lease contracts and miscellaneous other revenue.

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

The components of Other revenue are as follows (in millions):

	Year Ended September 30,							
		2022	2021					
State Supported route subsidy	\$	329.1	\$	352.8				
Amortization of deferred state government capital assistance		141.5		139.7				
Reimbursable capital revenue		49.7		50.1				
Lease and other revenue		28.8		23.7 1				
Total other revenue	\$	549.1	\$	566.3 ¹				

¹ \$17.2 million included in Lease and other revenue for the year ended September 30, 2021 was reclassified to conform with the current year presentation to record both premiums earned and premiums paid within "Other" expenses.

State Supported route subsidy and reimbursable capital revenue are recognized in revenue in the periods when the related expenses are incurred. State government capital assistance is recorded as "Deferred state government capital assistance" in the Company's Consolidated Balance Sheets when received and is then amortized into revenue to offset the related asset's depreciation expense over the estimated life of the related asset.

For revenue transactions that involve more than one performance obligation, the Company defers the revenue associated with any unsatisfied performance obligation until the obligation is satisfied, which is considered to occur when control of a product is transferred to the customer or a service is completed.

Amtrak Guest Rewards Program

The Amtrak Guest Rewards (AGR) program generates customer loyalty by rewarding customers with incentives to travel on Amtrak. This program allows AGR members to earn AGR points by traveling on Amtrak or from transactions with other participating AGR partner companies such as credit card companies, hotels, and car rental agencies. Points can be redeemed for Amtrak travel or for non-travel such as partner gift cards or hotel stays and car rentals. Amtrak also sells AGR points to members and partners.

To reflect the AGR points earned, the loyalty program includes two types of transactions that are considered revenue arrangements with multiple performance obligations: (1) AGR points earned with travel and (2) AGR points sold to members/partners.

AGR points earned with travel

When customers enrolled in the AGR program purchase tickets, these customers (1) earn AGR points and (2) receive transportation provided by Amtrak. Amtrak values AGR points earned first and the remaining sales proceeds are allocated to Amtrak transportation. To value the AGR points earned, the Company uses the market approach to estimate the value per point and also factors in an estimated breakage for AGR points that are not likely to be redeemed. The Company uses statistical models to estimate breakage based on both historical and forecasted future redemption patterns. A change in assumptions as to the actual

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

redemption activity for AGR points or the estimated price per point expected to be redeemed could have a material impact on the Company's revenue in the year in which the change occurs and in future years.

For each passenger ticket sold to a customer who is an AGR member, the Company records the portion of the ticket price allocable to AGR points earned but not yet redeemed, net of estimated breakage, as "Amtrak guest rewards program liability" on the Consolidated Balance Sheets and the remaining portion of the passenger ticket sale for currently booked travel as "Deferred ticket revenue" on the Consolidated Balance Sheets. The "Deferred ticket revenue" is then recorded to "Revenue from contracts with customers" on the Consolidated Statements of Operations when Amtrak provides transportation or if the ticket goes unused and is forfeited.

The AGR liability is recognized in revenue based on the redemption types: (1) Amtrak travel redemption and (2) partner gift cards/certificates/points redemption. Upon redemption by a customer of AGR points for future Amtrak travel, Amtrak reclassifies the AGR liability to "Deferred ticket revenue" and then recognizes it within "Revenue from contracts with customers" when Amtrak provides transportation or if the ticket goes unused and is forfeited. When customers redeem AGR points for partner gift cards/ certificates/points, Amtrak considers itself to be an agent of the transaction and recognizes revenue on a net basis at points redemption.

AGR points sold to members/partners

Customers may earn AGR points based on their spending with participating companies such as credit card companies, hotels, and car rental agencies with which the Company has marketing agreements to sell AGR points. Amtrak sells AGR points to those partner companies at agreed-upon rates. Payments are typically due monthly based on the volume of points sold during the period. AGR members may also purchase AGR points from the Company. Amtrak recognizes in "Amtrak guest rewards program liability" in the Consolidated Balance Sheets the payments collected from partners and members. The AGR liability is recognized in revenue based on the redemption types as described above.

As of September 30, 2022 and 2021, the Company's AGR program liability was \$125.9 million and \$149.3 million, respectively. The current portion of the liability was \$41.0 million and \$48.6 million as of September 30, 2022 and 2021, respectively, and is reported in "Accrued expenses and other current liabilities" in the Consolidated Balance Sheets.

Advertising Expenses

The Company records advertising expenses as incurred and reports these amounts in "Advertising and sales" in the Consolidated Statements of Operations. Advertising expenses were \$40.6 million and \$32.6 million for FY2022 and FY2021, respectively.

Income Taxes

The Company accounts for its income taxes in accordance with FASB ASC Topic 740, *Income Taxes*, which requires recognition of deferred tax assets and liabilities for future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled.

Management evaluates its potential exposures from tax positions taken that have been or could be challenged by taxing authorities. These potential exposures result because taxing authorities may take positions that differ from those taken by management in the interpretation and application of statutes, regulations, and rules. Management considers the possibility of alternative outcomes based upon historical experience, previous actions by taxing authorities (e.g., actions taken in other jurisdictions), and advice from tax experts. The Company has evaluated income tax positions taken in prior years and believes that all positions are more likely than not to be sustained in an audit.

Pursuant to the provisions of Title 49 of the United States Code, Section 24301, Amtrak is exempt from all state and local taxes, including income and franchise taxes that are directly levied against the Company. Accordingly, there is no provision for state and local income or franchise taxes recorded in the Consolidated Financial Statements for FY2022 and FY2021. The provisions of the COVID Relief Acts and IIJA described in Note 2 did not materially impact the Company's accounting for income taxes.

See Note 10 for additional information.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclose contingent assets and liabilities at the date of the financial statements, and report amounts of revenues and expenses during the reporting period. The Company bases these estimates on historical experience, the current economic environment, and various other assumptions that are believed to be reasonable under the circumstances. However, uncertainties associated with these estimates exist and actual results may differ from these estimates. The Company's significant estimates include: estimated useful lives of property and equipment, estimates of casualty reserves, estimates of insurance liabilities, estimate of AGR program liability, pension and other postretirement employee benefits cost and obligations (including expected return on plan assets, discount rates, and health care cost trend rates), and environmental reserves.

Comprehensive Loss

Amtrak reports a comprehensive loss in the Consolidated Statements of Comprehensive Loss. Comprehensive loss is defined as changes in equity of a business enterprise during a period from transactions and other events and circumstances from non-owner sources. As of September 30, 2022 and 2021, "Accumulated other comprehensive loss" consists of adjustments for pension and other postretirement liabilities and unrealized gains and losses on available-for-sale securities.

Recently Adopted Accounting Pronouncements

On October 1, 2021, the Company adopted Accounting Standards Update (ASU) No. 2018-15, *Intangibles* - Goodwill and Other - Internal-Use Software (Subtopic 350-40): Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract (ASU

3. Basis of Presentation and Summary of Significant Accounting Policies (continued)

2018-15) on a prospective basis. ASU 2018-15 requires a customer in a cloud computing arrangement that is a service contract to follow the internal-use software guidance in Accounting Standard Codification 350-40 to determine which implementation costs to defer and recognize as an asset. Upon adoption, the Company classified the capitalized implementation costs in the same manner as the prepaid fees for the associated hosting arrangement, in its Consolidated Financial Statements. Prior to the adoption of the ASU, such costs were recorded within "Property and equipment" on the Consolidated Balance Sheets and classified as investing activities in the Consolidated Statements of Cash Flow. In addition, prior to adoption, the amortization of such implementation costs was recorded in "Depreciation and amortization" expense in the Consolidated Statements of Operations. The adoption of the new ASU did not have a material impact on the Company's Consolidated Financial Statements.

Issued but Not Yet Adopted Accounting Pronouncements

In February 2016, the FASB issued ASU No. 2016-02, *Leases (Topic 842)*. The ASU was issued to increase transparency and comparability among companies by requiring most leases to be included in the balance sheet and by expanding disclosures on leasing arrangements. This ASU, along with subsequently issued ASUs providing guidance and practical expedients for implementation, are effective for the Company on October 1, 2022. The Company has evaluated the impact of the guidance and is in the process of completing its identification of the population of lease arrangements that are within the scope of the guidance. The Company has selected and is implementing a system to prepare the required calculations and disclosures. Upon adoption, the Company expects to recognize a lease liability of approximately \$129 million, a right of use asset of approximately \$124 million, and deferred rent of approximately \$5 million. The Company does not expect the guidance to have a material impact on its Consolidated Statements of Cash Flows.

Prior Year Reclassification

Certain prior year amounts have been reclassified to conform to the current year presentation. Prior to FY2022, PRIL's transactions with third parties were immaterial, and PRIL reported premiums earned within "Other" revenue and premiums paid within "Other" expenses in the Company's Consolidated Statements of Operations. Starting in FY2022, Amtrak reports both PRIL's third-party premiums earned and third-party premiums paid within "Other" expenses in the Consolidated Statements of Operations. As a result, the Company's FY2021 "Other" revenue and "Other" expense were both reduced by \$17.2 million.

4. Accounting and Reporting for Federal Payments

Certain funds are provided to Amtrak during the year through federal payments. These federal payments, which are recorded when received in "Other paid-in capital" in the Consolidated Balance Sheets and Consolidated Statements of Changes in Capitalization, totaled \$2.4 billion and \$4.1 billion for FY2022 and FY2021, respectively.

Note 2 provides information on the Company's annual funding. Additional federal funding received by the Company, all of which was recorded within "Other paid-in capital" when received, is described below.

4. Accounting and Reporting for Federal Payments (continued)

Since FY2005, the Department of Homeland Security has awarded Amtrak a total of \$235.5 million in grants from the Intercity Passenger Rail Grants Program, American Recovery and Reinvestment Act Rail and Transit Security Grant Program, and other security grants. Funding is provided on a reimbursable basis. Amtrak has cumulatively received \$195.7 million and \$186.0 million as of September 30, 2022 and 2021, respectively.

Appropriations are made to directly fund operations of Amtrak's Office of Inspector General (OIG). Amtrak and the OIG entered into a service agreement on January 8, 2010, whereby Amtrak would continue to provide accounting and financial management services for the OIG. Amtrak is reimbursed for expenses incurred upon the submission of invoices to the OIG. Amtrak was appropriated \$26.2 million and \$25.3 million for FY2022 and FY2021, respectively, and Amtrak received \$25.2 million and \$23.6 million in FY2022 and FY2021, respectively.

"Other paid-in capital", included in the Consolidated Balance Sheets and Consolidated Statements of Changes in Capitalization, also includes the effects of certain funding received from the Federal Government for the acquisition of and improvements to property and equipment. In exchange for this funding, Amtrak issued two promissory notes to the United States of America. The first note has a balance of \$4.0 billion as of September 30, 2022 and 2021, was issued in 1976 and matures on December 31, 2975, and is secured by the real and personal property of Amtrak, WTC, and PRIL. The second note has a balance of \$1.1 billion as of September 30, 2022 and 2021, was issued in 1983 and matures on November 1, 2082, with successive 99-year automatic renewal terms, if the note has not been paid at maturity or accelerated in accordance with its terms, and is secured by all rolling stock owned by Amtrak. Neither of the notes bears interest, unless prepaid, which Amtrak does not intend to do, or unless the note is accelerated by enactment of federal law or upon the occurrence of various actions concerning an Amtrak bankruptcy, reorganization, or assignment for the benefit of creditors. The Federal Government is entitled to repayment and interest under the second note in the event Amtrak ceases operations, is acquired by another entity, or seeks relief under bankruptcy or insolvency laws.

5. Capitalization

Preferred and Common Stock

For funds received from the Federal Government prior to December 2, 1997, the Rail Passenger Service Act (49 U.S.C. 24304) required Amtrak to issue to the Secretary preferred stock equal in par value to all federal operating payments and most federal capital payments received subsequent to October 1, 1981, as well as capital and certain operating payments received prior to that date. As of September 30, 2022 and 2021, 109,396,994 shares of \$100 par value preferred stock were authorized, all of which were issued and outstanding. All issued and outstanding preferred shares are held by the Secretary for the benefit of the Federal Government. The Amtrak Reform and Accountability Act of 1997 (the Act) resulted in significant modifications to Amtrak's capital structure. The Act abolished the voting rights and the liquidation preference of the preferred stockholder and abolished the requirement that additional preferred stock be issued by Amtrak in exchange for federal grants received. At the time of enactment of the Act, the minimum undeclared cumulative preferred dividend in arrears for all series issued and currently

5. Capitalization (continued)

outstanding approximated \$5.8 billion and ranged between \$0.02 and \$97.08 per share. Each share of preferred stock is convertible into ten shares of common stock at the option of the preferred stockholder.

As of September 30, 2022 and 2021, 10,000,000 shares of \$10 par value common stock were authorized, of which 9,385,694 shares were issued and outstanding. The common stockholders, who acquired their stock from four railroads whose intercity rail passenger operations Amtrak assumed in 1971, have voting rights for amendments to Amtrak's Articles of Incorporation proposed by the Board of Directors and for certain other extraordinary events.

Accumulated Other Comprehensive Loss

The Company's accumulated other comprehensive loss consists of balances related to pension and other postretirement benefit plans and net unrealized gains or losses associated with available-for-sale securities. The balance related to pension and other postretirement benefit plans primarily consists of a net actuarial loss. The reclassifications from accumulated other comprehensive loss include amortization of prior service credits (net) based on average remaining service period of eligible employees, amortization of actuarial loss (net) based on life expectancy, and unrealized gains and losses on available-for-sale securities reclassified into earnings based on the specific identification method upon sales, maturities, and redemptions.

The table below presents the changes in the accumulated other comprehensive loss balances, by components, and the amounts reclassified into earnings (in thousands):

	Pension and Other Postretirement Benefit Plans	Available-for- Sale Securities	Total
Balance as of September 30, 2020	\$ (249,621)	\$ 7,098	\$ (242,523)
Other comprehensive income (loss) before reclassifications	26,726	(7,922)	18,804
Amounts reclassified from accumulated other comprehensive loss into earnings	8,855	666	9,521
Net change	35,581	(7,256)	28,325
Balance as of September 30, 2021	 (214,040)	(158)	 (214,198)
Other comprehensive income (loss) before reclassifications	115,495	(43,615)	 71,880
Amounts reclassified from accumulated other comprehensive loss into earnings	 14,807	(1,094)	 13,713
Net change	 130,302	(44,709)	85,593
Balance as of September 30, 2022	\$ (83,738)	\$ (44,867)	\$ (128,605)

6. Available-for-Sale Securities

The Company's investments in debt securities are accounted for as available-for-sale securities and are recorded as "Available-for-sale securities" and "Restricted investments" in the Consolidated Balance Sheets. These investments are recorded at fair value with unrealized gains and losses recorded as a component of comprehensive loss in the Consolidated Statements of Comprehensive Loss.

The amortized cost, gross unrealized gains and losses, and fair value by major security type of availablefor-sale securities are as follows (in thousands):

	September 30, 2022										
		Total Amortized Cost		Gross Unrealized Losses		Gross Unrealized Gains		Total Fair Value			
Corporate bonds	\$	1,100,498	\$	(25,222)	\$	2	\$	1,075,278			
U.S. Treasury securities		740,589		(5,201)		113		735,501			
Commercial paper		616,069		(500)				615,569			
Certificates of deposit		183,794		(152)		3		183,645			
Other		408,069		(13,940)		30		394,159			
Total available-for-sale securities	\$	3,049,019	\$	(45,015)	\$	148	\$	3,004,152			

	 September 30, 2021											
	Total Amortized Cost		Gross Unrealized Losses		Gross Unrealized Gains		Total Fair Value					
Corporate bonds	\$ 1,600,607	\$	(827)	\$	807	\$	1,600,587					
Commercial paper	961,726		(4)		21		961,743					
U.S. Treasury securities	273,793		(57)		313		274,049					
Certificates of deposit	167,362				8		167,370					
Other	438,244		(471)		51		437,824					
Total available-for-sale securities	\$ 3,441,732	\$	(1,359)	\$	1,200	\$	3,441,573					

The gross realized gains, gross realized losses, and sales proceeds, excluding proceeds received on maturities, of available-for-sale securities are as follows (in thousands):

	Year End	Year Ended September 30,						
	2022		2021					
Gross realized gains	\$ 5	23 \$	2,150					
Gross realized losses	(1,6	ó4)	(66)					
Total proceeds	845,9	52	2,103,478					

6. Available-for-Sale Securities (continued)

The amortized cost and fair value of the available-for-sale securities by remaining contractual maturity are as follows (in thousands):

	September 30, 2022						
	Amo	rtized Cost	Fair Value				
Within one year	\$	2,196,632	\$	2,186,574			
After one year through five years		852,256		817,447			
After five years through ten years		_		_			
After ten years		131		131			
Total available-for-sale securities	\$	3,049,019	\$	3,004,152			

The fair value and gross unrealized losses for available-for-sale securities aggregated by major security type and the length of time the individual securities have been in a continuous unrealized loss position are as follows (in thousands):

	September 30, 2022											
	Less Than Twelve Months					Fwelve Mont	hs o	or Longer	Total			
	τ	Gross Inrealized Losses	F	air Value	τ	Gross Unrealized Losses		Fair Value		Gross Jnrealized Losses	Fair Value	
Corporate bonds	\$	(12,053)	\$	760,630	\$	(13,169)	\$	312,490	\$	(25,222)	\$ 1,073,120	
U.S. Treasury securities		(4,542)		447,788		(659)		46,174		(5,201)	493,962	
Commercial paper		(500)		460,128				_		(500)	460,128	
Other		(4,999)		288,587		(9,093)		179,987		(14,092)	468,574	
Total	\$	(22,094)	\$ 1	1,957,133	\$	(22,921)	\$	538,651	\$	(45,015)	\$ 2,495,784	

	September 30, 2021												
	L	Less Than Twelve Months				Fwelve Mont	hs or	Longer	Total				
	Ur	Gross nrealized Losses	F	Fair Value	τ	Gross Unrealized Losses		Fair Value		Gross nrealized Losses	F	air Value	
Corporate bonds	\$	(827)	\$	975,905	\$	_	\$	_	\$	(827)	\$	975,905	
Commercial paper		(4)		142,844						(4)		142,844	
U.S. Treasury securities		(57)		80,201		(1)		2,336		(58)		82,537	
Other		(470)		304,464				91		(470)		304,555	
Total	\$	(1,358)	\$	1,503,414	\$	(1)	\$	2,427	\$	(1,359)	\$	1,505,841	

The Company does not believe that any individual unrealized loss in available-for-sale securities as of September 30, 2022 represents a credit loss. The Company does not intend to sell the debt securities in an unrealized loss position as of the balance sheet date. Additionally, it is not more likely than not that the Company will be required to sell the debt securities before the anticipated recovery of its remaining amortized cost of the debt securities in an unrealized loss position at September 30, 2022. There were no impairment losses recognized in earnings on available-for-sale securities in FY2022 or FY2021.

7. Long-term Debt

Total long-term debt is recorded at amortized cost in the Consolidated Balance Sheets and consists of the following (in thousands):

	 Septemb	er :	30, 2022	 September 30, 2021			
	Current		Long-Term	Current		Long-Term	
Mortgage obligations:							
Frequency converter facility	\$ 77,840	\$	—	\$ 6,765	\$	77,840	
Other	—		—	986			
Subtotal	77,840		_	7,751	_	77,840	
Senior notes:		_					
Secured senior notes	12,000		254,680	5,000		266,680	
Unsecured senior notes	 10,000		69,948	 6,000		79,948	
Subtotal	 22,000		324,628	11,000		346,628	
Secured promissory note	7,553		104	8,293		7,656	
2016 RRIF loan	21,141		540,138	5,186		551,921	
Principal amount of long-term debt	128,534		864,870	32,230		984,045	
Less: unamortized discount/premium/ issuance cost	(2,421)		(24,786)	(2,721)		(27,205)	
Total long-term debt	\$ 126,113	\$	840,084	\$ 29,509	\$	956,840	

Letters of Credit

The Company has unsecured commercial letters of credit of \$23.4 million that support its obligations related to a station and \$4.5 million that support the issuance of auto fleet insurance. As of September 30, 2022 and 2021, there were no draws against these letters of credit.

Revolving Credit Facility

On October 7, 2020, the Company entered into a \$250 million unsecured revolving credit facility with four lenders for working capital and to enhance Amtrak's liquidity. The facility expires on October 7, 2023. Borrowings under the facility will have an interest rate based on the interest rate option selected by Amtrak from the following options: (a) the Base Rate Option, which is a variable rate equal to the highest of (i) the Prime Rate, (ii) the Federal Funds Rate plus 0.5%, and (iii) the LIBOR Index Rate, plus 1.0%; or (b) the LIBOR Rate Option, equal to the LIBOR rate for the applicable period set on the date of determination plus an applicable margin based on the Company's Standard & Poor's and Moody's ratings (Credit Ratings). Both the Base Rate Option and the LIBOR Rate Option have a minimum rate of 0.25%. Amtrak must pay a commitment fee on any undrawn portion of the revolving credit facility of 15 basis points and subject to increase based on Amtrak's Credit Ratings. The facility provides for use of an agreed-upon replacement rate in case LIBOR is no longer available and the use of the Base Rate Option until such agreement is reached. Under the facility, Amtrak is subject to restrictive covenants and financial covenants that require the Company and its subsidiaries to maintain certain financial ratios on a consolidated basis. The Company has not made any draws under the facility.

7. Long-Term Debt (continued)

Mortgage Obligations

Frequency Converter Facility

During FY2001, the Pennsylvania Economic Development Financing Authority (PEDFA) completed two issues, Series A and Series B, of exempt facilities revenue bonds, the net proceeds of which were used to finance part of the costs associated with Amtrak's construction of a frequency converter facility (the Facility). Amtrak procured the bond proceeds of each issue through a structured financing arrangement with PEDFA. Under this arrangement, Amtrak leased the Facility to PEDFA until November 2041, under a long-term ground lease, in exchange for the total net proceeds. Simultaneously, Amtrak leased the Facility back from PEDFA through June 2033, with an option to extend this term through November 2041. PEDFA also has the right to extend Amtrak's leaseback term through November 2041.

On March 31, 2012, PEDFA issued \$95.1 million of PEDFA exempt facilities revenue refunding bonds (Series A 2012 bonds), with varying maturities between November 1, 2013 and 2041, to refund the Series A of 2001. The interest rates on the Series A 2012 bonds ranged from 3.0% to 5.0% (yields ranging from 1.1% to 4.7%). During November 2022, the Company repaid the bonds and the debt was extinguished.

On February 15, 2012, the Series B bonds were reissued to a commercial bank for a period of five years (Series B 2012 bonds). The Series B 2012 Bonds continued to have a November 2041 maturity date, but the bond documents provided for a mandatory redemption on February 15, 2017. The interest rate was converted to a tax-effected fraction of the sum of one-month LIBOR plus the applicable spread (based on Amtrak's credit rating) per annum.

On February 15, 2017, at the Company's direction, PEDFA issued \$45 million of PEDFA exempt facilities revenue refunding bonds (Series B 2017 bonds) to redeem the Series B 2012 bonds. The Series B 2017 bonds were issued to the same commercial bank for another period of five years with an interest rate of a tax-effected fraction of the sum of three-month LIBOR plus the applicable spread based on the Company's credit rating, which was an effective rate of 0.85% as of September 30, 2021. The Series B 2017 bonds were being repaid in equal quarterly payments of \$2.25 million over a five-year period, with the first payment made on May 15, 2017. The final payment was made in FY2022.

Amtrak's obligations in connection with the Series A Bonds and the Series B Bonds were crosscollateralized by a pledge of Amtrak's interest in the Facility. In addition, Amtrak guaranteed all principal and interest payments by PEDFA on the Series A and Series B bonds.

7. Long-Term Debt (continued)

Senior Notes

On December 6, 2016, the Company issued 3.60% senior secured notes for \$365 million due November 15, 2033 and 3.81% senior unsecured notes for \$135 million due November 15, 2031 (the Notes). The proceeds from the Notes were used to pay off an outstanding capital lease obligation and other related project costs. The secured notes are secured by locomotives acquired by the original capital lease obligation. The Company is repaying the Notes in semi-annual installments beginning in May 2017 and continuing each May 15 and November 15 thereafter to and including November 15, 2033 for the senior secured notes and November 15, 2031 for the senior unsecured notes.

Secured Promissory Note

On December 23, 2020, the Company issued a promissory note for \$23.7 million. The proceeds from the note were used to pay off certain outstanding capital lease obligations. The note is secured by a cash collateral deposit of the same amount. The Company is repaying the note from February 22, 2021 through March 24, 2024 according to a payment schedule. The promissory note bears no explicit interest. The imputed incremental borrowing rate for the promissory note is 1.75%.

2016 RRIF Loan

On August 16, 2016, the Company entered into a \$2.45 billion financing agreement with the Federal Government under the RRIF Loan program to finance the acquisition of 28 Next Generation High-Speed Trainsets (the Trainsets), related spare parts, and improvements to existing facilities and properties (the 2016 RRIF Loan). Amtrak's obligations under the 2016 RRIF Loan are collateralized by a pledge of the Trainsets, spare parts, and the debt service reserve account required under the financing agreement. See Note 11 for a description of the contracts issued to a vendor for the construction and delivery of the Trainsets and related services.

Starting June 15, 2021, the Company is required to fund and maintain a restricted debt service reserve account equal, over time, to increasing percentages of the projected first year debt service payments to support future debt service. The Company deposited \$7.5 million and \$36.1 million, to the debt service reserve account in FY2022 and FY2021, respectively.

All borrowings under the 2016 RRIF Loan bear interest at a rate of 2.23% per annum. The Company also pays a credit risk premium (CRP) of 5.80% for all amounts borrowed under the 2016 RRIF Loan. The amortization of the CRP is recognized as interest expense. The Company is capitalizing all interest expense recognized during the construction period allocated to the Trainsets as part of "Construction-in-progress" in the Consolidated Balance Sheets.

During FY2022 and FY2021, no amounts were borrowed and \$5.2 million and \$39.0 million was repaid, respectively. Total interest incurred in FY2022 was \$14.5 million, of which \$14.1 million was capitalized within "Construction-in-progress" in the Consolidated Balance Sheets. In FY2021, total interest incurred was \$14.8 million, of which \$14.5 million was capitalized within "Construction-in progress".

7. Long-Term Debt (continued)

Interest Rates

The annual weighted-average interest rates for all interest-bearing borrowings are shown below:

	Septemb	er 30,
	2022	2021
Mortgage obligations	5.00 %	4.78 %
Senior notes	3.65	3.65
Secured promissory note	1.75	1.75
2016 RRIF Loan	2.23	2.23

The overall weighted-average interest rate on all interest-bearing borrowings is 2.94% per annum at each of September 30, 2022 and 2021.

Scheduled Long-Term Debt Maturities

On September 30, 2022, scheduled maturities of long-term debt are as follows (in thousands):

Year Ending September 30,	
2023	\$ 128,534
2024	48,213
2025	50,111
2026	50,600
2027	50,660
Thereafter	 665,286
Principal amount of long-term debt	993,404
Less: unamortized discount/premium/issuance cost	(27,207)
Total long-term debt	\$ 966,197

Amtrak is subject to various covenants and restrictions under its borrowing arrangements. A default by Amtrak or acceleration of Amtrak's indebtedness may result in cross-default with other debt and may have a material adverse effect on the Company. As of September 30, 2022, the Company had satisfied all of its debt covenant obligations.

8. Leasing Arrangements

Amtrak leases equipment, primarily passenger cars and locomotives, and related maintenance infrastructure under capital leasing arrangements. Amtrak has entered into various lease transactions in which the lease structure contains variable interest entities (VIEs). These VIEs were created solely for the purpose of doing lease transactions and have no other activities, assets, or liabilities outside of the lease transactions. In some of the arrangements, Amtrak has the option to purchase some or all of the assets at a fixed price, thereby creating variable interests for Amtrak in the VIEs.

Amtrak maintains and operates the assets based on contractual obligations within the lease arrangements, which set specific guidelines consistent with industry standards. As such, Amtrak has no control over

8. Leasing Arrangements (continued)

activities that could materially impact the fair value of the leased assets. Amtrak does not hold the power to direct the activities of the VIEs and, therefore, does not control the ongoing activities that have a significant impact on the economic performance of the VIEs. Additionally, Amtrak does not have the obligation to absorb losses or the right to receive benefits of the VIEs.

As of September 30, 2022 and 2021, the gross amount of assets recorded under capital leases was \$243.0 million and \$479.3 million, respectively, with accumulated amortization of \$125.1 million and \$304.0 million, respectively. During FY2022 and FY2021, Amtrak terminated several capital leases with total outstanding principal of \$0.9 million and \$41.3 million, respectively. Amtrak paid the lease terminations and related claims through either a cash settlement or cash collateralization of the remaining rent. In connection with the lease terminations, Amtrak acquired legal or beneficial ownership of the equipment under these terminated capital leases.

Amtrak is subject to various covenants and restrictions under its leasing arrangements. Amtrak has given guarantees or entered into reimbursement agreements in connection with certain of these lease transactions. A default by Amtrak or acceleration of Amtrak's indebtedness may result in cross-default to other Amtrak indebtedness, and may have a material adverse effect on the Company (see Note 7).

Future Minimum Lease Payments

As of September 30, 2022, future minimum lease payments under capital leases are as follows (in thousands):

Year ending September 30,	
2023	\$ 2,878
2024	84
2025	86
2026	87
2027	88
Thereafter	 2,822
Total minimum lease payments	6,045
Less: discounted to current period amount at interest rates ranging from 6.6% to 8.2%	(2,126)
Present value of minimum lease payments at September 30, 2022	\$ 3,919

The current portion of capital lease obligations as of September 30, 2022 and 2021 was \$2.7 million and \$7.2 million, respectively, and is presented in "Current maturities of long-term debt and capital lease obligations" in the Consolidated Balance Sheets.

8. Leasing Arrangements (continued)

Operating Leases

As of September 30, 2022, Amtrak is obligated for the following minimum rental payments under operating lease agreements (in thousands):

Year ending September 30,	
2023	\$ 37,219
2024	27,521
2025	21,145
2026	16,419
2027	14,824
Thereafter	 26,436
Total	\$ 143,564

Rent expense for FY2022 and FY2021 was \$76.7 million and \$63.7 million, respectively.

Amtrak leases offices, operating areas, stations, and other terminal space. These leases often contain renewal options to enable the Company to retain the use of facilities. Some of the leases contain escalation clauses that increase the rents based on a fixed or variable rate, such as an inflation factor index. Under certain leases, the Company is obligated to pay additional amounts based on the facility's operating expenses.

9. Fair Value Measurement

FASB ASC Topic 820, *Fair Value Measurement*, defines fair value for financial reporting, establishes a framework for measuring fair value, and requires disclosures about fair value measurements. FASB ASC Topic 820 established a three-level valuation hierarchy for disclosure of fair value measurements. The valuation hierarchy is based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date.

The three levels are defined as follows:

- Level 1 observable market inputs that are unadjusted quoted prices for identical assets or liabilities in active markets.
- Level 2 other significant observable inputs (including quoted prices for similar securities, interest rates, credit risk, etc.).
- Level 3 significant unobservable inputs (including the Company's own assumptions in determining the fair value of investments).

The fair value measurement of an asset or liability is assigned a level based on the lowest level of any input that is significant to the fair value measurement.

9. Fair Value Measurements (continued)

Financial Instruments Measured at Fair Value

The Company's financial instruments measured at fair value on a recurring basis on the Consolidated Balance Sheets as of September 30, 2022 and 2021 are as follows (in thousands):

	Fair Value Measurement as of September 30, 2022								
		Level 1	Level 1 Level 2			Total			
Available-for-sale securities:									
Corporate bonds	\$	—	\$	1,075,278	\$	1,075,278			
U.S. Treasury securities		—		735,501		735,501			
Commercial paper		_		615,569		615,569			
Certificates of deposit		_		183,645		183,645			
Other		1,116	1	393,043		394,159			
Total available-for-sale securities		1,116		3,003,036		3,004,152			
Money market funds		127,339				127,339			
Total financial instruments, at fair value	\$	128,455	\$	3,003,036	\$	3,131,491			

¹ Includes receivables and payables related to unsettled transactions.

	Fair Value Measurement as of September 30, 2021								
		Level 1	Level 2		Total				
Available-for-sale securities:									
Corporate bonds	\$	— \$	1,600,587	\$	1,600,587				
Commercial paper			961,743		961,743				
U.S. Treasury securities		—	274,049		274,049				
Certificates of deposit			167,370		167,370				
Other		23,009 1	414,815		437,824				
Total available-for-sale securities		23,009	3,418,564		3,441,573				
Money market funds		432,986			432,986				
Total financial instruments, at fair value	\$	455,995 \$	3,418,564	\$	3,874,559				

¹ Includes receivables and payables related to unsettled transactions.

Valuation Techniques

The fair values of the Company's available-for-sale debt securities and money market funds are measured using prices received from pricing services, prices received from alternative pricing sources, and mathematically derived calculated prices using market observable inputs. Pricing methodologies used in determining the fair value incorporate terms and conditions of the security, current performance data, proprietary pricing models, real-time quotes from contributing dealers, trade prices, and other market data.

9. Fair Value Measurements (continued)

The following is a description of the valuation techniques and inputs used for the fair value measurement of the Company's financial instruments, including the general fair value hierarchy classification of each category:

Financial Instruments	Valuation Techniques and Inputs Used	Fair Value Hierarchy Level
Corporate bonds	Market approach using prices from pricing services	Level 2
U.S. Treasury securities	Market approach using prices from pricing services	Level 2
Commercial paper	Cost approach using calculated prices based on amortization schedule	Level 2
Certificates of deposit	Cost approach using calculated prices based on amortization schedule	Level 2
Other (cash, receivables, payables and other securities, including agency discount notes, asset-backed securities, and sovereign bonds)	Cash, receivables, and payables - carrying value Securities - market approach using prices from pricing services	Cash, receivables, and payables - Level 1 Other securities - Level 2
Money market funds	Market approach using market observable fixed net asset value of \$1	Level 1

See Note 13 for fair value measurements for assets held by the Company's Retirement Income Plan.

10. Income Taxes

The Company recorded no income tax expense in FY2022 and FY2021. A reconciliation of the actual effective income tax rate for FY2022 and FY2021 to the expected amount computed by applying the U.S. federal statutory income tax rate to Amtrak's pretax loss is as follows:

	Year Ended Sept	tember 30,
	2022	2021
U.S. federal statutory income tax rate	21.0 %	21.0 %
Impact of:		
Valuation allowance	(11.4)	(9.0)
Expiration of net operating loss (NOL)	(9.6)	(12.6)
Other	(1.1)	(0.5)
State government capital assistance	1.1	1.1
Effective income tax rate	<u> </u>	— %

10. Income Taxes (continued)

Deferred income tax assets and liabilities were comprised of the following (in thousands):

	September 30,					
	2022		2021			
Deferred tax assets:						
NOL carryforward	\$ 2,069,312	\$	1,913,332			
Deferred state government capital assistance	244,369		205,205			
Postretirement employee benefits obligation	96,485		127,997			
Claims reserves	56,031		52,462			
Accrued vacation and other compensation accruals	45,741		36,604			
Amtrak guest rewards program liability	26,440		31,353			
Other accruals	15,202		18,883			
Materials and supplies reserves	11,617		11,224			
Other	 8,814		13,162			
Gross deferred tax assets	 2,574,011		2,410,222			
Less: valuation allowance	(1,151,750)		(943,863)			
Net deferred tax assets	 1,422,261		1,466,359			
Deferred tax liabilities:						
Property and equipment	(1,422,261)		(1,466,359)			
Gross deferred tax liabilities	(1,422,261)		(1,466,359)			
Net deferred tax liability	\$ _	\$				

Amtrak has recorded valuation allowances against net deferred tax assets as it is more likely than not that the results of future operations will not generate sufficient taxable income to realize deferred tax assets, which primarily relate to NOL carryforwards. In FY2022, the valuation allowance increased by \$207.9 million.

NOL carryforwards were \$9.9 billion and \$9.1 billion as of September 30, 2022 and 2021, respectively. An NOL carryforward of \$0.8 billion from FY2002 and \$1.2 billion from FY2001 expired unused during FY2022 and FY2021, respectively. The remaining NOL carryforwards generated from years through FY2017 of \$4.9 billion will expire in various years from FY2023 through FY2037. The NOLs generated beginning in FY2018 of \$5.0 billion may be carried forward indefinitely and will not expire; however, they can only be used to offset 80% of taxable income in any given future year.

The Company is subject to examination by the Internal Revenue Service and tax authorities in other jurisdictions in which it operates. Generally, the Company's tax years still subject to examination are FY2019 and forward.

11. Commitments and Contingencies

Financial Assistance

Amtrak receives significant financial assistance from the Federal Government in the form of grants and entitlements. The right to these resources, including the funding received under the IIJA and the COVID Relief Acts described in Note 2, is generally conditioned upon compliance with terms and conditions of the grant agreements and applicable federal regulations, including the expenditure of the resources for eligible purposes. Substantially all grants are subject to financial and compliance audits by the grantors. Any disallowances because of these audits become a liability of the Company. The Company does not believe that the liabilities that may result from such audits for periods through September 30, 2022, would have a material effect on its financial position or the results of operations.

Commitments

Amtrak has various purchase commitments related to capital improvements pertaining to the ordinary conduct of business. In addition, Amtrak has entered into various agreements with states, cities, and other local transportation authorities and private companies pursuant to which Amtrak is required to fund various railroad facility and infrastructure improvements, and to fund the remanufacture and supply of railroad passenger equipment. Such commitments are not in excess of expected requirements and are not reasonably likely to result in performance penalties or payments that would have a material adverse effect on the Company's liquidity.

Penn Station Access Agreement

On December 22, 2021, Amtrak entered into a Design/Build Phase and Cost Share Agreement (the Agreement) for the Penn Station Access Project (the Project) with the Metropolitan Transportation Authority (MTA). Under the Agreement, MTA is committed to fund and lead the design and construction of the Project and Amtrak will contribute up to \$500 million towards the Project plus up to \$50 million in costs arising solely from any Amtrak-caused delays to the Project. The objective of the Project is to provide MTA commuter rail service access into and out of Penn Station, New York, NY. The Project will also benefit Amtrak as the provider of intercity passenger rail service on the NEC and the owner of the right-of-way on which many of the Project improvements will be built. As of September 30, 2022, the Company has incurred \$68.2 million, \$55.9 million of which was capitalized under "Construction-in-progress" in the Consolidated Balance Sheets, and \$12.3 million of which was expensed as incurred in FY2022 in the Consolidated Statements of Operations. The Project is expected to be completed in 2027.

Philadelphia 30th Street Redevelopment

On January 22, 2021, the Company entered into a Ground Lease and Development Agreement with a master developer (the Developer) to redevelop the William H. Gray III 30th Street Station, Philadelphia, Pennsylvania (the Station Redevelopment). In addition to the Station Redevelopment, the Developer also is providing operating and maintenance service to the station. The base price of the Station Redevelopment is approximately \$0.5 billion. Amtrak is financing the Station Redevelopment through the Developer by repaying the Station Redevelopment costs over a 50-year term pursuant to an approved payment schedule. The notice to proceed for the Station Redevelopment was issued on October 1, 2021 after completion of a series of post-due-diligence tasks. As the Station Redevelopment progresses, at each month end starting from September 2021, the Company recognizes "Construction-in-progress" and an

11. Commitments and Contingencies (continued)

associated liability to the Developer. The Company has recognized \$60.3 million and \$11.7 million at September 30, 2022 and 2021, respectively, in construction and other project-related costs, all of which were capitalized as part of "Construction-in-progress" in the Consolidated Balance Sheets. The Station Redevelopment is expected to be fully completed by May 30, 2026.

Virginia Funding Agreement

On March 26, 2021, Amtrak entered into a funding agreement with the Commonwealth of Virginia under which Virginia is committed to undertake a program of investments and Amtrak will contribute \$944 million towards the construction of certain key elements under the first two phases of the program. The objective of the program is to develop and expand passenger rail service in Virginia and beyond. The Company makes quarterly payments to Virginia to help fund design and construction. The Company has incurred \$50.8 million and \$13.1 million related to the program as of September 30, 2022 and 2021, respectively, substantially all of which was capitalized under "Construction-in-progress" in the Consolidated Balance Sheet as of September 30, 2022 and 2021, respectively. The first two phases of the program are expected to be completed by September 30, 2031.

ICT Equipment Purchase

On June 24, 2021, Amtrak entered into an agreement with a contractor to purchase certain intercity trainsets (ICT) equipment, including 73 base trainsets, 67 locomotives and 18 spare vehicles, with options to purchase additional trainsets. As of September 30, 2022, the base price for the ICT equipment purchase contract is \$2.6 billion. The Company makes payments to the contractor pursuant to an approved payment schedule upon the contractor's successful completion of certain tasks (milestones) during the contract. The Company has incurred \$278.5 million and \$133.5 million in construction and other project-related costs as of September 30, 2022 and 2021, respectively, all of which were capitalized under "Construction-in-progress" in the Consolidated Balance Sheets.

Also on June 24, 2021, the Company entered into a technical support, spares, and supply agreement (TSSSA) with the same contractor to provide technical support, spares, and other related services commencing with the issuance of Notice to Proceed (NTP) and ending twenty years after the expiration of the three year warranty period of the first trainset. The base price for the TSSSA is estimated at \$1.0 billion. As of September 30, 2022, the Company has incurred \$2.3 million in costs related to the TSSSA. These costs were either recorded within "Deferred charge, deposits, and other" and will be amortized into expense over time or were expensed in FY2022 and reported in the Consolidated Statements of Operations. No costs had been incurred as of September 30, 2021.

Long Distance Diesel-electric Locomotives Purchase

On December 20, 2018, Amtrak entered into an agreement with a contractor to purchase 75 long distance diesel-electric passenger locomotives. On May 17, 2022, the Company executed options to purchase an additional 50 locomotives. As of September 30, 2022, the base price with change orders for the 125 locomotives is \$891.5 million. The Company makes payments to the contractor pursuant to an approved payment schedule upon the contractor's successful completion of certain tasks (milestones) during the contract. As of September 30, 2022 and 2021, the Company has incurred \$304.2 million and \$288.2 million, respectively, in construction and other project-related costs which were capitalized when incurred

11. Commitments and Contingencies (continued)

under "Construction-in-progress" in the Consolidated Balance Sheets. Deliveries of the locomotives started in June 2021. As the locomotives are placed in service, the associated cost is moved from "Construction-in-progress" to "Locomotives" in the Consolidated Balance Sheet.

Also on December 20, 2018, the Company entered into a TSSSA with the same contractor to provide technical support, spares, and other related services for the twenty-three year period commencing upon the acceptance of the first locomotive. Acceptance of the locomotive follows the delivery and testing by Amtrak and the FRA. The combined (base and options) price without escalation for the TSSSA is approximately \$426 million plus overhaul material costs within the contract period. As of September 30, 2022, the Company has incurred \$1.1 million cost related to the TSSSA. No costs had been incurred as of September 30, 2021.

New Acela Trainsets Purchase

On August 8, 2016, the Company entered into a Purchase Agreement with a contractor for the acquisition of the Trainsets to replace the Company's current *Acela Express* equipment which runs on the NEC. The base price of the contract with change orders is \$1.5 billion. Financing for the contract was obtained under the 2016 RRIF Loan (see Note 7). The Company makes payments to the contractor pursuant to an approved milestone payment schedule upon the contractor's successful completion of certain tasks (milestones) during the contract. The Company has incurred \$1.14 billion and \$1.05 billion in construction and other project-related costs as of September 30, 2022 and 2021, respectively. Of the total cost incurred, \$1.12 billion and \$1.03 billion were capitalized as part of "Construction-in-progress" in the Consolidated Balance Sheets as of September 30, 2022 and 2021, respectively. The remaining costs were either recorded within "Deferred charge, deposits, and other" and will be amortized into expense over time or were expensed in the year incurred and reported in the Consolidated Statements of Operations for those years.

Also on August 8, 2016, the Company entered into a TSSSA with the same contractor to provide technical support, spares, and other related services for the fifteen-year period commencing upon acceptance of the first trainset. Acceptance of the Trainset follows the delivery and testing by Amtrak and the FRA. The base price for the TSSSA with change orders is \$637.0 million. The Company incurred \$65.5 million and \$63.0 million in cost related to the agreement as of September 30, 2022 and 2021, respectively which is recorded in Deferred charges, deposits and other.

Host Railroad Agreements

Most of the rights-of-way over which Amtrak operates are owned by other railroads. Amtrak operates over such rights-of-way under agreements with these railroads. The terms of the agreements range up to twenty years, although they may remain in effect longer if neither party seeks to renegotiate. Payments to these railroads vary based on levels of usage and performance. The total amount incurred by Amtrak for operations over the right-of-way during FY2022 and FY2021 totaled \$155.2 million and \$133.2 million, respectively, and are included primarily in "Train operations" in the Consolidated Statements of Operations.

11. Commitments and Contingencies (continued)

Risk of Liability and Insurance

The Amtrak Reform and Accountability Act of 1997 (the Act) limited the amount railroad passengers may recover from a single accident to an aggregate of \$200.0 million. The FAST Act required the Secretary to increase the limit on passenger liability claims based on the change in the consumer price index since December 2, 1997. On January 11, 2016, the Secretary issued its calculation setting the new limit at \$294.3 million effective February 11, 2016. The FAST Act requires the limit to be adjusted every five years after the date of the FAST Act's enactment. On February 25, 2021, the limit was increased to \$322.9 million. Amtrak purchases excess liability insurance for passenger liability claims subject to the statutory cap and for non-passenger liability not limited by the Act.

Amtrak operates a majority of its passenger rail service on tracks owned by freight railroads. Amtrak indemnifies these railroads for certain liabilities that arise as a result of its operations on freight tracks. Its indemnity generally applies to bodily injury and property damage claims made by its employees, passengers, and third parties struck by its trains, and for damage to its equipment. The freight railroads generally indemnify Amtrak for bodily injury and property damage claims made by freight railroad employees and third parties, and for damage to freight railroad equipment, lading, and property.

Amtrak maintains insurance for its liability to employees and other parties for injury or damage to their property and for damage to Amtrak property. Amtrak self-insures a portion of these liabilities.

Derailment

On June 27, 2022, eastbound Amtrak train No. 4 traveling from Los Angeles to Chicago, derailed after striking a truck that was obstructing a public crossing near Mendon, Missouri (the Derailment). There were 270 passengers and 12 crew members onboard. Three passengers and the truck driver were killed and multiple passengers and crew members were injured. 24 lawsuits have been filed on behalf of the employees, passengers and the truck driver. Two locomotives and eight cars were involved in the Derailment and are currently under legal hold.

The National Transportation Safety Board (NTSB) is the lead agency in the investigation of the Derailment. On July 21, 2022, the NTSB issued its preliminary report. The preliminary report indicates that (1) the maximum allowable speed on this section of track was 90 mph for passenger trains, (2) preliminary data from the leading locomotive's event recorder showed that train No. 4 was traveling 89 mph when its emergency brakes were activated, (3) the positive train control system was enabled and operating at the time of the derailment, (4) weather was clear with no precipitation at the time of the accident, and (5) future investigative activity will focus on highway railroad grade crossing design specifications, railcar design, survival factors, and passenger railcar crashworthiness. The NTSB investigation is still ongoing.

As of September 30, 2022, the Company has accrued its best estimate of its liabilities for passenger and employee claims. The expected claim payments to be made during FY2023 were recorded within "Accrued expenses and other current liabilities" on the Company's Consolidated Balance Sheets. The remaining claim reserve liability was recorded within "Casualty reserves".

11. Commitments and Contingencies (continued)

Labor Agreements

Excluding employees within Amtrak's OIG, 81.1% of Amtrak's labor force is covered by labor agreements. Under the Railway Labor Act, labor contracts never expire but are instead opened at agreed-upon times for mandatory bargaining, known as Section 6, as referenced in the Railway Labor Act. Although there are no timeframes for negotiations to be completed, it is almost certain there will be retroactive wage increases in the settlements, consistent with prior agreements. On January 1, 2022, all of Amtrak's labor contracts except for the one with the Fraternal Order of Police (FOP) were opened for mandatory bargaining. The FOP contract was opened on October 1, 2022. As of December 14, 2022, Amtrak was still negotiating labor contracts with all of its unionized workforce.

The Company has accrued \$15.7 million within "Accrued expenses and other current liabilities" in the Consolidated Balance Sheet as of September 30, 2022, which represents its best estimate for retroactive wage increases resulting from settlements of such agreements for services through that date. As all of the unions had ratified contracts as of the end of FY2021, no accrual for retroactive wage increases was recorded as of September 30, 2021.

Legal Proceedings

Amtrak is involved in various litigation and arbitration proceedings in the normal course of business, including but not limited to tort, contract, eminent domain, and civil rights claims. When management concludes that it is probable that a liability has been incurred and the amount of the liability can be reasonably estimated, it is accrued through a charge to earnings. While the ultimate amount of liability incurred in any of these lawsuits and claims is dependent on future developments, in management's opinion, recorded liabilities, where applicable, are adequate to cover the future payment of such liabilities and claims. However, the outcome of any of these lawsuits and claims cannot be predicted with certainty, and unfavorable or unexpected outcomes could result in additional accruals that could be significant to Amtrak's results of operations in a particular year. Any adjustments to the recorded liability will be reflected in earnings in the periods in which such adjustments are probable and reasonably estimable.

Americans with Disabilities Act Compliance

Under the Americans with Disabilities Act (ADA), stations in the intercity rail transportation system served by Amtrak were required to be readily accessible to and usable by individuals with disabilities no later than July 26, 2010. This requirement applies to all components of a station used by the general public, including passenger platforms, designated waiting areas, ticketing areas, restrooms, and in some cases, concession areas. In 2010, the Company developed a plan to bring the station components for which it is legally responsible into ADA compliance. This plan has been regularly updated and adjusted based on new information and external factors, such as direction the Company receives from the FRA and other government agencies. On December 2, 2020, the Department of Justice and Amtrak entered into a joint settlement agreement pursuant to which the Company agreed, among other things, to bring into compliance the station components for which it is legally responsible subject to an agreed-upon set of progress milestones. Amtrak is working to obtain sufficient funding to achieve full ADA compliance of all station components for which it is responsible under the ADA. The extent of these estimated costs and effects of non-compliance on operations cannot be determined at this time. Further, the nature of all

11. Commitments and Contingencies (continued)

expenditures that will be incurred, and the effect on operating results, have not yet been fully analyzed. Accordingly, the accompanying Consolidated Financial Statements do not reflect the costs of Amtrak becoming fully compliant with the ADA. As of September 30, 2022 and 2021, Amtrak has spent a total of \$848.0 million and \$746.4 million, respectively, on ADA-related projects. Approximately \$101.6 million and \$89.9 million of the expenditures were incurred during FY2022 and FY2021, respectively.

Washington Union Station Leasehold Eminent Domain Acquisition

In April 2022, Amtrak exercised its statutory authority to acquire by eminent domain the leasehold interest at Washington Union Station. The Company deposited \$250 million, which it estimated to be just compensation for the leasehold interest, with the United States District Court for the District of Columbia (the Court) when Amtrak filed its eminent domain action. As of December 14, 2022, the case is still pending the Court decision on whether the Company's taking of the property was within the scope of its authority under the applicable statute. If the Court agrees that the taking was authorized, then the Court will determine the appropriate amount of just compensation that Amtrak must pay to the prior leaseholder. As of September 30, 2022, the \$250 million deposit was recorded within "Deferred charge, deposits, and other" in the Company's Consolidated Balance Sheets.

12. Environmental Matters

The Company is subject to extensive and complex federal and state environmental laws and regulations regarding environmental issues. As a result of its operations and acquired properties, Amtrak is from time to time involved in administrative and judicial proceedings and administrative inquiries related to environmental matters. Amtrak's policy is to accrue estimated liabilities and capitalize such remediation costs if they extend the life, increase the capacity, or improve the safety or efficiency of the property; mitigate or prevent environmental contamination that has not occurred but may result from future operations; are incurred in preparing the property for sale; or are incurred on property acquired with existing environmental conditions; and to expense other remediation costs. The liability is periodically adjusted based on Amtrak's present estimate of the costs it will incur related to these sites and/or actual expenditures made. Some of the Company's real estate properties may have the presence of environmentally regulated wastes or materials. If these properties undergo excavations or major renovations or are demolished, certain environmental regulations that are in place may specify the manner in which the wastes or materials must be assessed, handled, and disposed. The Company has identified a number of locations for which excavations and major renovations are planned and liabilities have been recorded. In the future, the Company may plan other excavations, demolitions, major renovations, or other construction activities that affect similar wastes or materials.

At some locations, although a potential liability exists for the removal or remediation of environmentally regulated materials, sufficient information is not available currently to estimate the liability, as the range of time over which the Company may settle these obligations is unknown or the cost of remediation cannot be reasonably estimated at this time. Although the Company believes it has appropriately recorded current and long-term reserves for known and estimable future environmental costs, it could incur significant costs that exceed reserves or require unanticipated cash expenditures.

12. Environmental Matters (continued)

As of September 30, 2022 and 2021, the environmental reserve was \$151.4 million and \$154.1 million, respectively. These reserves for estimated future environmental costs are undiscounted and include future costs for remediation and restoration of sites as well as any significant ongoing monitoring costs. The current portion of the reserve was \$8.4 million and \$12.1 million as of September 30, 2022 and 2021, respectively, and is reported in "Accrued expenses and other current liabilities" in the Consolidated Balance Sheets. The balance of the reserve as of both September 30, 2022 and 2021 is reported as "Environmental reserve" in the Consolidated Balance Sheets. Costs related to estimated future capital expenditures for environmental remediation were \$128.0 million and \$133.5 million as of September 30, 2022 and 2021, respectively, and are included in "Right-of-way and other properties" in the Consolidated Balance Sheets.

The amounts included in environmental reserves in the Consolidated Balance Sheets reflect only Amtrak's estimate of its portion of the gross liability. The ultimate liability for environmental remediation is difficult to determine with certainty due to, among other factors, the number of potentially responsible parties, site-specific cost sharing arrangements, the degree and types of contamination, potentially unidentified contamination, developing remediation technology, and evolving statutory and regulatory standards related to environmental matters. In addition, for certain known sites, the ultimate liability cannot be estimated until the results of the remedial investigation phase are known.

Amtrak's management and legal counsel believe that additional future remedial actions for known environmental matters will not have a material adverse effect on the Company's results of operations or financial condition and that its environmental reserves are adequate to fund remedial actions to comply with present laws and regulations.

13. Postretirement Employee Benefits

Amtrak has a qualified non-contributory defined benefit retirement plan (the Retirement Income Plan) whose assets are held in trust covering certain nonunion employees and certain union employees who at one time held nonunion positions. Effective June 30, 2015, the Retirement Income Plan was closed to new entrants and frozen for future benefit accruals. Amtrak provides medical benefits to its qualifying retirees and life insurance to some retirees in limited circumstances under its postretirement benefits program.

Obligations and Funded Status

The liability of the Company's pension benefits under its Retirement Income Plan as well as other postretirement benefits plans as of September 30, 2022 and 2021 is as follows (in thousands):

13. Postretirement Employee Benefits (continued)

	Pension Benefits			Other Benefits			nefits	
		2022		2021	_	2022		2021
Reconciliation of projected benefit obligation:								
Obligation at October 1	\$	519,029	\$	529,553	\$	560,053	\$	596,052
Service cost				—		11,779		12,066
Interest cost		14,465		13,929		14,893		14,764
Actuarial (gain) loss		(116,332)		2,677		(139,106)		(16,787)
Employee contributions				n		1,764		1,530
Benefit payments		(27,955)	_	(27,130)		(40,695)	_	(47,572)
Obligation at September 30	\$	389,207	\$	519,029	\$	408,688	\$	560,053
Reconciliation of fair value of plan assets:								
Plan assets at October 1	\$	469,573	\$	461,891	\$	—	\$	_
Actual return on plan assets		(117,459)		35,672		—		
Employer contributions		15,000		_		38,931		46,042
Participant contributions		—				1,764		1,530
Medicare Part D subsidy		_		—		29		57
Benefit payments, net		(28,674)		(27,990)		(40,724)		(47,629)
Plan assets at September 30	\$	338,440	\$	469,573	\$		\$	
Funded status:								
Accumulated benefit obligation at September 30	\$	(389,207)	\$	(519,029)	\$	(408,688)	\$	(560,053)
Projected benefit obligation at September 30		(389,207)		(519,029)		(408,688)		(560,053)
Fair value of plan assets		338,440		469,573				
Net unfunded status of the plans	\$	(50,767)	\$	(49,456)	\$	(408,688)	\$	(560,053)
Net liability recognized in Consolidated Balance Sheets	\$	(50,767)	\$	(49,456)	\$	(408,688)	\$	(560,053)

13. Postretirement Employee Benefits (continued)

Pension and other postretirement benefit amounts recorded in the Consolidated Balance Sheets as of September 30, 2022 and 2021 are as follows (in thousands):

	Pension Benefits					Other Benefits			
		2022		2021		2022	_	2021	
Accrued expenses and other current liabilities	\$	29	\$	30	\$	38,056	\$	43,882	
Postretirement employee benefits obligation		50,738		49,426		370,632		516,171	
Net amount recognized	\$	50,767	\$	49,456	\$	408,688	\$	560,053	

Pension and other postretirement benefit amounts recognized in accumulated other comprehensive loss in FY2022 and FY2021 are as follows (in thousands):

	Pension Benefits					Other Benefits				
		2022 2021				2022		2021		
Net actuarial loss (gain)	\$	165,564	\$	146,218	\$	(81,826)	\$	67,821		
Net amount recognized	\$	165,564	\$	146,218	\$	(81,826)	\$	67,821		

Components of Net Periodic Benefit Cost

The following table provides the components of net periodic benefit cost for the plans for FY2022 and FY2021 (in thousands):

	 Pension	Benefits		efits		
	2022	2021		2022		2021
Service cost	\$ 	\$	\$	11,779	\$	12,066
Interest cost	14,465	13,929		14,893		14,764
Expected return on plan assets	(22,684)	(23,374)		_		
Accumulated Other Comprehensive Loss reclassification adjustment:						
Amortization of prior service credit	_					(9,939)
Amortization of actuarial loss	4,266	4,780		10,540		14,014
Other expenses	952	1,204		_		—
Net periodic benefit (income) cost	\$ (3,001)	\$ (3,461)	\$	37,212	\$	30,905

Service cost is recorded in "Salaries, wages, and benefits" on the Consolidated Statements of Operations. All other components of net periodic benefit costs are recorded in "Other expense, net" on the Consolidated Statements of Operations.

During FY2022, the Retirement Income Plan incurred a net actuarial gain of \$116.3 million, consisting primarily of a \$115.0 million gain due to an increase in the discount rate because of increases in the corporate bond rates in FY2022, and a \$1.3 million experience gain. During FY2021, the Retirement

13. Postretirement Employee Benefits (continued)

Income Plan incurred a net actuarial loss of \$2.7 million, consisting primarily of a \$10.7 million experience loss and a \$1.5 million loss due to changes in the mortality table, partially offset by a \$9.5 million gain due to an increase in the discount rate because of increases in the corporate bond rates in FY2021.

During FY2022, the other postretirement benefits plans incurred a combined net actuarial gain of \$139.1 million, consisting primarily of a \$114.7 million gain from an increase in discount rates, along with favorable changes in claims of \$28.4 million and in actual versus expected plan experience of \$1.0 million, partially offset by \$5.0 million loss from change in trend rates. During FY2021, the other postretirement benefits plans incurred a combined net actuarial gain of \$16.8 million, consisting primarily of a \$10.4 million gain from an increase in discount rates, along with favorable changes in claims of \$8.9 million and in actual versus expected plan experience of \$7.8 million, partially offset by \$7.9 million change in other demographic assumptions (e.g. retirement rates, withdrawal rates), \$1.5 million loss from change in trend rates and elimination of excise tax, and \$0.9 million due to changes in the mortality table.

Plan Assets

The Company's pension plan asset allocation at September 30, 2022 and 2021, and initial target allocation for FY2023, are as follows:

	Plan Assets			
	2023	2022	2021	
Fixed income debt securities	60.0 %	58.0 %	60.2 %	
Commingled funds	22.0	20.2	21.8	
Mutual funds	8.0	7.2	7.6	
Money market fund	9.0	6.4	6.9	
Cash	1.0	6.8	0.9	
Other ¹		1.4	2.6	
Total	100.0 %	100.0 %	100.0 %	

¹ Other consisted of receivables and payables related to unsettled transactions.

13. Postretirement Employee Benefits (continued)

The long-term objective for assets held by the Retirement Income Plan is to generate investment returns that, in combination with funding contributions from the Company, provide adequate assets to meet all current and future benefit obligations of the Retirement Income Plan. The Retirement Income Plan seeks to maintain or reduce investment risk levels unless the funded status decreases significantly, with the ultimate goal to be in a position to defease the pension liability. Over the long term, it is anticipated that asset-liability management strategy will be the key determinant of the returns generated by the pension assets and the associated volatility of returns and funded status. In particular, the allocation and structure of the "growth portfolio" and the structure of the long-term fixed income portfolio (longer duration fixed income securities and similar investments) are the key elements of the asset-liability strategy for the pension investment program. In the growth portfolio, the Plan invests in Commingled funds and Mutual funds, which include equity securities and similar investments. The Retirement Income Plan's asset allocation strategy is primarily based on the Retirement Income Plan's current funded status. The Retirement Income Plan's asset allocation strategies, there are no significant concentrations of risk within the portfolio of investments.

Following is a description of the valuation techniques and inputs used for the investments measured at fair value, including the general classification of such instruments pursuant to the valuation hierarchy.

Level 1 Investments

Money Market Fund

Money market funds generally transact subscription and redemption activity at a \$1.00 stable NAV. Investments in the money market funds can be redeemed on a daily basis. Amtrak's investment in money market funds consists of the JPMorgan 100% U.S. Treasury Securities Money Market Fund. The fund's NAV is published regularly and the fair value is deemed readily determinable.

Level 2 Investments

Fixed Income Debt Securities

This investment category consists of corporate bonds, government bonds, municipal bonds, and U.S. government securities. These investments are valued using prices provided by independent pricing services based on compilation of primarily observable market information or broker quotes in a non-active market.

Commingled Funds

This category consists of global stocks and a diversified portfolio of assets. Investments in commingled funds are valued at the NAV of units held at the end of the period based upon the value of the underlying investments as determined by quoted market prices or by a pricing service.

13. Postretirement Employee Benefits (continued)

Mutual Funds

This category consists of Goldman Sachs Multi-Manager Funds and Tactical Tilts. The Multi-Manager funds include investments in non-core fixed income and real assets. Tactical Tilts are implemented using a combination of different investment vehicles and instruments, including Goldman Sachs Asset Management funds, exchange-traded funds, options, futures, forwards, and swaps. These investments are valued at the NAV of units held at the end of the period based upon the value of the underlying investments as determined by quoted market prices or by a pricing service.

The following tables present the fair values of the Company's pension investments by level within the fair value hierarchy (as described in Note 9) as of September 30, 2022 and 2021 (in thousands):

	Total		Level 1		Level 2	
September 30, 2022						
Fixed income debt securities:						
Corporate bonds	\$	171,531	\$		\$	171,531
Government bonds		9,263				9,263
Municipal bonds		7,769				7,769
U.S. government securities		7,685	_			7,685
Total fixed income debt securities		196,248				196,248
Commingled funds		68,285				68,285
Mutual funds		24,437				24,437
Money market funds		21,589		21,589		
Total investments, at fair value	\$	310,559	\$	21,589	\$	288,970
Cash		22,899				
Other ¹		4,982				
Total plan assets	\$	338,440				

¹ Other primarily consisted of receivables and payables related to unsettled transactions.

13. Postretirement Employee Benefits (continued)

	Total	Level 1		Level 2
September 30, 2021				
Fixed income debt securities:				
Corporate bonds	\$ 229,801	\$		\$ 229,801
U.S. government securities	28,137			28,137
Government bonds	13,910			13,910
Municipal bonds	10,992			 10,992
Total fixed income debt securities	282,840		_	282,840
Commingled funds	102,281			102,281
Mutual funds	35,614			35,614
Money market funds	32,395		32,395	
Total investments, at fair value	\$ 453,130	\$	32,395	\$ 420,735
Cash	4,026			
Other ¹	12,417			
Total plan assets	\$ 469,573			

¹ Other primarily consisted of receivables and payables related to unsettled transactions.

Rate of Return

Several factors are considered in developing the estimate for the long-term expected rate of return on plan assets. These include historical rates of return over the past three-, five- and ten-year periods as well as projected long-term rates of return obtained from pension investment consultants.

In the short term, there may be fluctuations of positive and negative yields year over year, but over the long term, the return based on target asset allocation is expected to be approximately 5.5%.

Estimated Future Benefit Payments

Based upon the assumptions used to measure the pension and other postretirement benefit obligations as of September 30, 2022, including other postretirement benefits attributable to estimated future employee service, Amtrak expects that pension benefits and other postretirement benefits to be paid over the next ten years will be as follows (in thousands):

13. Postretirement Employee Benefits (continued)

	Pension Benefits		Other Benefits
Year ending September 30,			
2023	\$	30,401	\$ 38,055
2024		29,939	36,699
2025		30,041	36,424
2026		30,148	35,664
2027		30,101	35,530
2028-2032		146,250	169,319

Contributions

In FY2023, Amtrak does not expect to contribute to the Retirement Income Plan and expects to contribute \$38.1 million towards other postretirement benefits.

Assumptions

Weighted-average assumptions used to determine benefit obligations as of September 30, 2022 and 2021 are as follows:

Pension Be	nefits	Other Benefits	
2022	2021	2022	2021
5.45 %	2.87 %	5.40-5.45 %	2.65-2.88 %

Weighted-average assumptions used to determine net periodic benefit cost for the years ended September 30, 2022 and 2021 are as follows:

	Pension Be	nefits	Other Benefits		
	2022	2021	2022	2021	
Discount rate	2.87 %	2.71 %	2.65-2.88 %	2.49-2.68 %	
Expected long-term rate of return	5.00 %	5.25 %	N/A	N/A	

Assumed health care cost trend rates are as follows:

	September 30,		
	2022	2021	
Health care cost trend rate assumed for next year	6.85-7.28 %	6.25-6.84 %	
Rate to which the cost trend rate is assumed to decline (the ultimate trend rate)	5.00 %	5.00 %	
Year that the rate reaches the ultimate trend rate	2028	2028	

401(k) Savings Plans

Amtrak provides a 401(k) savings plan for nonunion employees. Under the plan, Amtrak matches a portion of employee contributions up to seven percent of the participant's salary, subject to applicable limitations. Amtrak's expenses under this plan were \$25.1 million and \$19.0 million for FY2022 and FY2021, respectively.

13. Postretirement Employee Benefits (continued)

Additionally, Amtrak provides a 401(k) savings plan for union employees. Amtrak does not match any portion of the employee contributions under this plan.

14. Subsequent Events

The Company has evaluated subsequent events through December 14, 2022, which is the date the financial statements are available to be issued, and concluded that there were no additional subsequent events requiring disclosure.



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