



OFFICE *of* INSPECTOR GENERAL
NATIONAL RAILROAD PASSENGER CORPORATION

GOVERNANCE:

Quality Control Review of Amtrak's Single Audit for
Fiscal Year 2017

OIG-A-2018-009 | July 25, 2018

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Memorandum

To: Jeffrey R. Moreland
Chairman, Audit and Finance Committee, Amtrak Board of Directors

William N. Feidt
Executive Vice President and Chief Financial Officer

From: Tom Howard 
Inspector General

Date: July 25, 2018

Subject: *Governance: Quality Control Review of Amtrak's Single Audit for Fiscal Year 2017 (OIG-A-2018-009)*

Amtrak (the company) contracted with the independent public accounting firm of Ernst & Young LLP to audit its consolidated financial statements as of and for the fiscal year then ended, September 30, 2017, to provide a report on internal control over financial reporting and compliance with certain provisions of laws, regulations, contracts and grant agreements, and other matters.¹ The contract also required Ernst & Young to perform a Single Audit of the company's federal grants for the fiscal year ended September 30, 2017, in accordance with the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the company receives federal funding, it must obtain an audit performed in accordance with U.S. generally accepted government auditing standards. The objective of the Single Audit was to test internal control over compliance with major federal program award requirements and determine whether the company complied with the laws, regulations, and provisions of contracts or grant agreements that may have a direct and material effect on its major federal programs.

¹ Ernst & Young report titled *Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards*, dated January 26, 2018.

Amtrak Office of Inspector General
Governance: Quality Control Review of Amtrak's Single Audit for Fiscal Year 2017
OIG-A-2018-009, July 25, 2018

Major federal grant programs are those with the larger and highest risk grant fund expenditures, as determined using the Uniform Guidance. In fiscal year 2017, the company had one such grant program: the Department of Transportation (DOT) National Railroad Passenger Corporation Grants.

As authorized by the Inspector General Act of 1978, we monitored the audit activities of Ernst & Young to help ensure audit quality and compliance with auditing standards. Our review disclosed no instances in which Ernst & Young did not comply, in all material respects, with U.S. generally accepted government auditing standards and Uniform Guidance requirements. The key aspects of Ernst & Young's report² are discussed below.

Ernst & Young issued an unmodified compliance opinion on the major federal grant program it reviewed. However, Ernst & Young identified a significant deficiency³ in internal control over compliance relating to Equipment and Real Property Management for the DOT National Railroad Passenger Corporation Grant. This is a repeat finding. Ernst & Young made several recommendations to correct the significant deficiency. The company agreed with the recommendations and provided a detailed corrective action plan to address them.

We monitored Ernst & Young's audit activities by reviewing its reports, audit plans, detailed audit testing results, summary workpapers, audit quality controls, and auditor independence and qualifications. We observed Ernst & Young's equipment testing at selected field locations and attended key meetings.

Our monitoring activities, as differentiated from an audit in accordance with U.S. generally accepted government auditing standards, were not intended to enable us to express an audit opinion. Therefore, we do not express an opinion on compliance for the major program, conclusions about the effectiveness of internal control over compliance, or whether the Schedule of Expenditures of Federal Awards is fairly stated. Ernst & Young is responsible for its report dated June 22, 2018, and the conclusions expressed in the report.

² Ernst & Young report titled *Report of Independent Auditors on Compliance for the Major Federal Program; Report on Internal Control Over Compliance and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance*.

³ A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

*Amtrak Office of Inspector General***Governance: Quality Control Review of Amtrak's Single Audit for Fiscal Year 2017**

OIG-A-2018-009, July 25, 2018

If you have any questions, please contact me (Tom.Howard@amtrakoig.gov) or Stephen Lord, Assistant Inspector General, Audits, at (Stephen.Lord@amtrakoig.gov) or 202-906-4600.

OIG MISSION AND CONTACT INFORMATION

Mission

The Amtrak OIG's mission is to provide independent, objective oversight of Amtrak's programs and operations through audits and investigations focused on recommending improvements to Amtrak's economy, efficiency, and effectiveness; preventing and detecting fraud, waste, and abuse; and providing Congress, Amtrak management and Amtrak's Board of Directors with timely information about problems and deficiencies relating to Amtrak's programs and operations.

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**CONSOLIDATED FINANCIAL STATEMENTS
AND SINGLE AUDIT REPORT**

National Railroad Passenger Corporation and Subsidiaries (Amtrak)
Years Ended September 30, 2017 and 2016
With Report of Independent Auditors



National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Consolidated Financial Statements

Years Ended September 30, 2017 and 2016

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Report of Independent Auditors

The Board of Directors and Stockholders
National Railroad Passenger Corporation

Report on the Financial Statements

We have audited the accompanying consolidated financial statements of National Railroad Passenger Corporation and subsidiaries (Amtrak or the Company), which comprise the consolidated balance sheets as of September 30, 2017 and 2016, and the related consolidated statements of operations, comprehensive loss, changes in capitalization and cash flows for the years then ended, and the related notes to the consolidated financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in conformity with U.S. generally accepted accounting principles; this includes 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

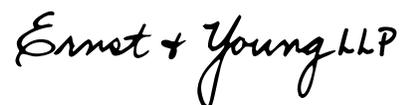
In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of National Railroad Passenger Corporation and subsidiaries at September 30, 2017 and 2016, and the consolidated results of their operations and their cash flows for the years then ended in conformity with U.S. generally accepted accounting principles.

Federal Government Funding

As explained in Notes 1 and 2 in the accompanying consolidated 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 consolidated financial statements, the Company is receiving Federal Government funding under the Continuing Appropriations Acts, 2018. The Company expects to receive additional interim Federal Government funding under Congressional continuing resolutions for fiscal year 2018 until the formal appropriations bill is signed into law. There are currently no Federal Government subsidies appropriated by law for any period subsequent to February 8, 2018. Without the receipt of Federal Government funding, Amtrak 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.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we also have issued our report dated January 26, 2018, on our consideration of the National Railroad Passenger Corporation and subsidiaries' internal control over financial reporting and on our tests of their compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the National Railroad Passenger Corporation and subsidiaries' internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering National Railroad Passenger Corporation and subsidiaries' internal control over financial reporting and compliance.



January 26, 2018

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Consolidated Balance Sheets

(In Thousands of Dollars, Except Share Data)

	September 30,	
	2017	2016
Assets		
Current Assets:		
Cash and cash equivalents, including restricted cash of \$8,435 and \$7,966 as of September 30, 2017 and 2016, respectively	\$ 1,101,694	\$ 760,454
Accounts receivable, net of allowances of \$7,296 and \$5,352 as of September 30, 2017 and 2016, respectively	336,361	294,548
Materials and supplies, net of allowances of \$28,476 and \$27,653 as of September 30, 2017 and 2016, respectively	269,221	255,095
Prepaid expenses	54,345	37,547
Other current assets	36,932	306,342
Total current assets	1,798,553	1,653,986
Property and equipment:		
Locomotives	2,045,794	2,127,329
Passenger cars and other rolling stock	3,312,883	3,247,105
Right-of-way and other properties	13,522,441	12,694,726
Construction-in-progress	2,262,063	1,713,510
Leasehold improvements	616,188	572,610
Property and equipment, gross	21,759,369	20,355,280
Less: Accumulated depreciation and amortization	(8,410,751)	(8,026,218)
Total property and equipment, net	13,348,618	12,329,062
Other assets, deposits, and deferred charges:		
Notes receivable on sale-leasebacks	56,397	55,833
Deferred charges, deposits, and other	48,978	43,544
Total other assets, deposits, and deferred charges	105,375	99,377
Total assets	\$ 15,252,546	\$ 14,082,425

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Consolidated Balance Sheets (continued)

(In Thousands of Dollars, Except Share Data)

	September 30,	
	2017	2016
Liabilities and capitalization		
Current liabilities:		
Accounts payable	\$ 471,944	\$ 579,686
Accrued expenses and other current liabilities	877,032	1,011,063
Deferred ticket revenue	150,456	143,565
Current maturities of long-term debt and capital lease obligations	136,170	215,999
Total current liabilities	1,635,602	1,950,313
Long-term debt and capital lease obligations:		
Capital lease obligations	189,704	664,099
Other long-term debt	863,041	289,404
Total long-term debt and capital lease obligations	1,052,745	953,503
Other liabilities and deferred credits:		
Deferred state capital payments	2,062,908	1,557,909
Casualty reserves	149,266	148,745
Deferred gain on sale-leasebacks	39,852	44,686
Postretirement employee benefits obligation	655,400	781,073
Environmental reserve	116,017	42,609
Deferred income taxes	53,159	51,049
Other liabilities	113,134	123,474
Total other liabilities and deferred credits	3,189,736	2,749,545
Total liabilities	5,878,083	5,653,361
Commitments and contingencies (Note 10)		
Capitalization:		
Preferred stock - \$100 par, 109,396,994 shares authorized, issued and outstanding at September 30, 2017 and 2016	10,939,699	10,939,699
Common stock - \$10 par, 10,000,000 shares authorized, 9,385,694 issued and outstanding at September 30, 2017 and 2016	93,857	93,857
Other paid-in capital	33,091,896	31,203,808
Accumulated deficit	(34,634,057)	(33,665,346)
Accumulated other comprehensive loss	(116,932)	(142,954)
Total capitalization	9,374,463	8,429,064
Total liabilities and capitalization	\$ 15,252,546	\$ 14,082,425

See accompanying notes.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Consolidated Statements of Operations

(In Thousands of Dollars)

	Year Ended September 30,	
	2017	2016
Revenues:		
Passenger related	\$ 2,543,899	\$ 2,495,410
Other	761,806	745,148
Total revenues	<u>3,305,705</u>	<u>3,240,558</u>
Expenses:		
Salaries, wages and benefits	2,084,564	2,087,609
Train operations	287,559	300,176
Fuel, power and utilities	239,742	230,369
Materials	165,347	157,943
Facility, communication and office related	179,939	174,936
Advertising and sales	106,949	104,438
Casualty and other claims	70,686	72,848
Depreciation and amortization	767,013	813,403
Other	454,442	468,625
Indirect cost capitalized to property and equipment	(145,846)	(149,079)
Total expenses	<u>4,210,395</u>	<u>4,261,268</u>
Loss before other (income) and expense	<u>904,690</u>	<u>1,020,710</u>
Other (income) and expense:		
Interest income	(9,055)	(4,376)
Interest expense	53,956	65,943
Loss on early extinguishment of debt	18,682	—
Other income, net	(1,672)	(3,615)
Other expense, net	61,911	57,952
Loss before income taxes	<u>966,601</u>	<u>1,078,662</u>
Income tax expense	2,110	1,827
Net loss	<u>\$ 968,711</u>	<u>\$ 1,080,489</u>

See accompanying notes.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Consolidated Statements of Comprehensive Loss

(In Thousands of Dollars)

	Year Ended September 30,	
	2017	2016
Net loss	\$ 968,711	\$ 1,080,489
Other comprehensive loss:		
Pension and other postretirement benefit items:		
Net gain arising during the period	(111,411)	(64,086)
Amortization of actuarial loss	(39,699)	(53,331)
Amortization of prior service credit	130,496	130,429
Settlement loss	(5,408)	—
Total pension and other postretirement benefit items	(26,022)	13,012
Comprehensive loss	\$ 942,689	\$ 1,093,501

See accompanying notes.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

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, 2015	\$ 10,939,699	\$ 93,857	\$ 29,672,867	\$ (32,584,857)	\$ (129,942)	\$ 7,991,624
Federal paid-in capital	—	—	1,530,941	—	—	1,530,941
Net loss	—	—	—	(1,080,489)	—	(1,080,489)
Total pension and other postretirement benefit items	—	—	—	—	(13,012)	(13,012)
Balance as of September 30, 2016	10,939,699	93,857	31,203,808	(33,665,346)	(142,954)	8,429,064
Federal paid-in capital	—	—	1,888,088	—	—	1,888,088
Net loss	—	—	—	(968,711)	—	(968,711)
Total pension and other postretirement benefit items	—	—	—	—	26,022	26,022
Balance as of September 30, 2017	\$ 10,939,699	\$ 93,857	\$ 33,091,896	\$ (34,634,057)	\$ (116,932)	\$ 9,374,463

See accompanying notes.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Consolidated Statements of Cash Flows

(In Thousands of Dollars)

	Year Ended September 30,	
	2017	2016
Cash flows from operating activities		
Net loss	\$ (968,711)	\$ (1,080,489)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	767,013	813,403
Deferred income taxes	2,110	1,827
Gain on sale of/recovery on property and equipment	(4,038)	(4,093)
Loss on early extinguishment of debt	18,682	—
Other	6,421	4,615
Changes in assets and liabilities:		
Accounts receivable	(47,078)	6,246
Materials and supplies	(16,030)	15,814
Prepaid expenses	(16,798)	(10,009)
Other current assets	269,410	(269,689)
Other assets, deposits and deferred charges	(5,998)	316,573
Accounts payable, deferred ticket revenue, accrued expenses and other current liabilities	(244,415)	577,433
Deferred state capital payments	(83,685)	(63,253)
Other liabilities and deferred credits	(32,746)	(400,331)
Net cash used in operating activities	<u>(355,863)</u>	<u>(91,953)</u>
Cash flows from investing activities		
Purchases and refurbishments of property and equipment	(1,586,398)	(1,446,634)
Insurance proceeds attributable to casualty losses related to property and equipment	10,523	9,336
Proceeds from disposals of property and equipment	1,452	2,744
Net cash used in investing activities	<u>(1,574,423)</u>	<u>(1,434,554)</u>
Cash flows from financing activities		
Proceeds from federal paid-in capital	1,888,088	1,530,941
Proceeds from state capital payments	382,974	297,233
Repayments of debt and capital lease obligations	(624,651)	(114,897)
Proceeds from issuance of debt	625,115	45,678
Net cash provided by financing activities	<u>2,271,526</u>	<u>1,758,955</u>
Net change in cash and cash equivalents, including restricted cash	<u>341,240</u>	<u>232,448</u>
Beginning balance of cash and cash equivalents, including restricted cash	760,454	528,006
Ending balance of cash and cash equivalents, including restricted cash	<u>\$ 1,101,694</u>	<u>\$ 760,454</u>
Supplemental disclosure of cash payments		
Interest paid, net of amount capitalized	\$ 56,721	\$ 69,936
Supplemental disclosure of non-cash investing and financing activities		
Other non-cash changes in property, includes accruals of amounts due for purchases	215,129	—
Debt and capital lease reduction through use of escrow deposits	34,770	—

See accompanying notes.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements

Years Ended September 30, 2017 and 2016

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, formerly through the FRA, and now through the National Surface Transportation and Innovative Finance Bureau of the Federal Government (also referred to as the Build America Bureau), also provides financing to Amtrak through the Railroad Rehabilitation and Infrastructure Financing (RRIF) Program.

See Notes 2, 4, 5, and 6 for additional information about Amtrak and its relationship with the Federal Government.

2. Annual Funding

On December 4, 2015, the President signed as Public Law 114-94, the Fixing America's Surface Transportation Act (the FAST Act). Title XI-Rail of the FAST Act, cited as the Passenger Rail Reform and Investment Act of 2015 (PRRIA 2015), authorizes funding to the Secretary of the DOT (the Secretary) for annual grants to Amtrak totaling \$8.1 billion for fiscal years (FY) 2016 through 2020. PRRIA 2015 directs \$2.6 billion of this support to Amtrak's Northeast Corridor (NEC) and \$5.5 billion to Amtrak's National Network as defined in the FAST Act, and it authorizes an additional \$2.2 billion for other rail grant programs in which Amtrak may participate. Although PRRIA 2015 provides that this structure, which separates funding for the NEC and the National Network, would begin for Amtrak's FY2016, the FY2016 Appropriations Law was drafted before the FAST Act was enacted, which deferred the implementation until FY2017. Accordingly, FY2017 was the first year that Amtrak received its funding in accordance with the FAST Act structure (i.e. an NEC grant and a National Network grant).

The Company was provided funding for FY2018 through the Continuing Appropriations Act, 2018, and Supplemental Appropriations for Disaster Relief Requirements Act, 2017 (Public Law 115-56), the making further Continuing Appropriations for Fiscal Year 2018, and for Other Purposes Act (Public Law 115-90), the Further Additional Continuing Appropriations Act, 2018 (Public Law 115-96) and the Extension of Continuing Appropriations Act, 2018 (Public Law 115-120), which was signed into law on January 22, 2018 to extend funding through February 8, 2018 (collectively, the Continuing Appropriations Acts, 2018). There are currently no federal funds appropriated for the Company for any period subsequent to February 8, 2018. Without such subsidies, Amtrak will not be able to continue to operate in its current form and significant

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

2. Annual Funding (continued)

operating changes, restructuring or bankruptcy may occur. Such changes or restructuring would likely result in asset impairments. The Company ultimately expects it will receive sufficient funds in the form of continuing resolutions (CRs) or other appropriations legislation to support its operations for the foreseeable future.

PRRIA 2015 mandates reforms for Amtrak and its grant programs. Requirements include the development of five-year plans for business lines and assets to be used as the basis for Amtrak's annual grants, separate financial reporting for the National Network and the NEC, and a process for transferring funds between the two accounts. Amtrak is the sole eligible entity for grant funds made pursuant to PRRIA 2015 and payments are advanced with 50% provided at the beginning of each fiscal year and 25% paid in each of the following two quarters. PRRIA 2015 directs the formation of committees and, where applicable, requires Amtrak to work in partnership with stakeholders including representatives of transit, state and federal rail transportation authorities to plan, implement, and fund certain rail programs. There are also competitive and partnership grant programs authorized to which Amtrak may apply: for FY2016 through FY2020, a total of \$1.1 billion is authorized for rail infrastructure and safety improvements, \$1.0 billion for Federal-State partnership grants for State-of-Good Repair projects, and \$100 million for rail restoration and enhancement grants. No funds were received through these programs in FY2016 or FY2017.

The table below provides information on funding for the Company's fiscal years ended September 30, 2018, 2017 and 2016 under CRs and the Consolidated Appropriations Act or Consolidated and Further Continuing Appropriations Act (collectively, Full Year Funding) related to those years (dollars in millions):

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

2. Annual Funding (continued)

	FY2018	FY2017	FY2016
Enactment dates for CRs	September 8, 2017 December 8, 2017 December 22, 2017 January 22, 2018	September 29, 2016 December 10, 2016 April 28, 2017	September 30, 2015
Public Law numbers for CRs	115-56 115-90 115-96 115-120	114-223 114-254 115-30	114-53
Enactment date for Full Year Funding	N/A	May 5, 2017	December 18, 2015
Public Law number for Full Year Funding	N/A	115-31	114-113
Appropriated capital and debt service funds			\$ 1,101.5
Appropriated operating service funds			288.5
Appropriated for National Network	\$ 416.0	\$ 1,167.0	
Appropriated for NEC	116.9	328.0	
Total funds appropriated	<u>532.9</u>	<u>1,495.0</u>	1,390.0
FRA authorized withholdings	(5.2)	(14.5)	(8.5) ³
Total appropriated funds designated for Amtrak	<u>\$ 527.7²</u>	<u>\$ 1,480.5</u>	<u>\$ 1,381.5³</u>
Funds received by Amtrak:			
In FY2016			\$ 1,069.6
In FY2017		\$ 1,480.5	252.2
In FY2018, as of January 26, 2018	\$ 447.2	—	59.7
Total funds received to date	<u>\$ 447.2</u>	<u>\$ 1,480.5</u>	<u>\$ 1,381.5</u>

¹ FY2018 Full Year Funding is not yet in place.

² Funding appropriated through February 8, 2018.

³ Reflects a \$2.0 million reduction of FRA withholding for FY2016 in FY2017.

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 subsidiaries, Chicago Union Station Company (CUS) (prior to its May 11, 2017 merger into the Company), Passenger Railroad Insurance, Limited (PRIL), Penn Station Leasing, LLC (PSL) and Washington Terminal Company (WTC). All intercompany balances and transactions have been eliminated.

CUS was incorporated on July 3, 1913 as the Union Station Company, for the purpose of constructing, operating and maintaining a new railroad terminal in the City of Chicago. The name was officially changed to Chicago Union Station Company on May 7, 1915. Amtrak acquired 50% stock ownership interest in CUS

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

in 1976 as part of the conveyance of the NEC and off-Corridor properties. Amtrak purchased the remaining 50% stock ownership in 1984. CUS's business is comprised of the following segments: provision of right-of-way and station access and use of intercity and commuter services; and lease and licensing of station space for retail services, display advertising, special events and other commercial uses. On May 11, 2017, CUS was merged into Amtrak.

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 also provides insurance and reinsurance coverage to third parties performing work on Amtrak property.

PSL was formed on April 17, 2001 to acquire and lease back to Amtrak the real property and improvements located in New York, commonly known as Penn Station. On June 14, 2017, Amtrak made the final mortgage payment for Penn Station. Amtrak expects to dissolve PSL in FY2018.

WTC was formed on December 6, 1901 and is comprised of buildings and rail yard adjacent to Washington Union Station. WTC provides switching services for passenger trains using the station or passing through the area.

Cash and Cash Equivalents

All short-term investments with original maturities of 90 days or less are considered cash and cash equivalents. These consist of bank deposits and money market fund investments. Cash and cash equivalents are maintained at various financial institutions and, at times, balances may exceed federally insured limits.

Restricted cash and cash equivalents consist primarily of funds received that are restricted for specific purposes or cash set aside and restricted for specific payments. Restricted cash and cash equivalents consists of a money market fund held in trust restricted from withdrawals based upon certain collateral requirements and funds restricted for certain operations of the Amtrak Police Department.

Accounts Receivable and Allowance for Doubtful Accounts

Accounts receivable in the Consolidated Balance Sheets include billed and unbilled accounts receivable. Billed accounts receivable represent amounts for which invoices have been sent to customers. These accounts receivable are recorded at the invoiced amount. Unbilled accounts receivable represent 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 \$68.4 million and \$101.4 million of unbilled accounts receivable as of September 30, 2017 and 2016, respectively.

The allowance for doubtful accounts is the Company's best estimate of the amount of probable credit losses in the Company's billed accounts receivable. To determine its allowance for doubtful accounts, the Company evaluates historical loss experience and the characteristics of current accounts, as well as general economic conditions and trends. Uncollectible billed accounts receivable is applied against the allowance.

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

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

allowance for shrinkage and obsolescence 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 three 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" 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. During FY2016, in connection with the delivery of new electric locomotives for use in the NEC, the Company removed from active service older electric locomotives. The Company concluded that the locomotives would not be returned to active service and, as a result, \$29.3 million in additional depreciation expense was recorded in FY2016. There were no significant premature retirements of depreciable property or disposals of land for which gains or losses were recorded in FY2017.

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 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 expense 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. Total interest cost incurred by the

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

Company was \$59.4 million and \$66.4 million for FY2017 and FY2016, respectively, of which interest cost capitalized on construction projects was \$5.4 million and \$0.5 million for FY2017 and FY2016, respectively.

The useful lives of locomotives, passenger cars, and other rolling stock assets for depreciation purposes range up to 40 years. Right-of-way and other properties (excluding land) are depreciated using useful lives ranging up to 105 years. Within other properties is other equipment including computers, office equipment, and maintenance equipment which are depreciated using useful lives ranging from three to 40 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.

The Company accounts for asset retirement obligations (AROs) in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) Topic 410, *Asset Retirement and Environmental Obligations*. The standard applies to legal obligations associated with the retirement of long-lived assets that result from the acquisition, construction, development and/or normal use of the asset. In accordance with FASB ASC Topic 410, the Company recognizes the fair value of any liability for conditional AROs, including environmental remediation liabilities, in the period in which it is incurred, which is generally upon acquisition, construction, or development and/or through the normal operation of the asset, if sufficient information exists with which Amtrak can reasonably estimate the fair value of the obligation. Amtrak capitalizes the cost by increasing the carrying amount of the related long-lived asset. The capitalized cost is depreciated over the useful life of the related asset and upon settlement of the liability Amtrak either settles the obligation for its recorded amount or incurs a gain or loss upon settlement. The asset retirement costs capitalized were \$10.1 million and \$10.0 million as of September 30, 2017 and 2016, respectively, and were included in "Right-of-way and other properties" in the Consolidated Balance Sheets.

Nonreciprocal Transfer of Asset

On February 17, 2010, Amtrak entered into a preliminary memorandum of understanding with two developers to redevelop a building adjacent to Penn Station to accommodate a combination of transportation, public, commercial and other facilities including the creation of the new Daniel Patrick Moynihan Station. One of the developers is responsible for securing public and private partners to assist in the financing of the project. Amtrak owns and uses Penn Station as a major transportation hub for Amtrak's Northeast Corridor service. In addition, Amtrak has ownership of the subsurface and train shed areas below the building.

The project is divided into two phases. In June 2017, the first phase of the development was completed and placed into service. Substantially all cost of the first phase work was paid for by one of the developers using federal and state funding grants. The title of certain improvements in the first phase was transferred to Amtrak in June 2017. In accordance with FASB ASC Topic 845, *Nonmonetary Transactions*, Amtrak recognized an asset of \$244.6 million at acceptance, which is the estimated fair market value of the transferred improvements. At the same time, a deferred gain of \$240.4 million was recorded, which will be amortized over the life of the asset using the straight-line method. For FY2017, a total of \$1.5 million was amortized and recognized in operating revenue.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

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 consistent with the historical funding levels discussed in Note 2. The Company believes funding at historical levels is the best estimate to be used of the future. At this approximate level of funding, the Company determined that no indicators of impairment existed as of September 30, 2017. If future Federal Government funding drops below historical levels, substantial impairment may occur as discussed in Note 2.

On October 29, 2012, Super Storm Sandy (Sandy) came ashore in the Northeast and mid-Atlantic region of the United States. Amtrak sustained damage to tunnels and other structures in New York and New Jersey. The Company determined that there was no impairment to the tunnels, but certain infrastructure assets would need to be replaced sooner than previously anticipated. Accordingly, the Company assigned unique group depreciation rates to these assets. As a result, depreciation expense totaling \$193.1 million is being accelerated over the remaining life of these assets. In FY2017, the Company determined the repairs will take longer for certain properties than previously expected, resulting in an extension of the remaining life of those assets. The acceleration of depreciation expense increased the Company's net loss by \$11.7 million and \$30.4 million in FY2017 and FY2016, respectively.

Casualty Losses and Claims

Provision is made for Amtrak's estimated actuarial liability for unsettled casualty and other claims. Personal injury liability and ultimate loss projections are undiscounted and estimated using standard actuarial methodologies. These actuarial estimates include an estimate for unasserted claims. As of September 30, 2017 and 2016, the reserve for casualty losses and claims was \$201.0 million and \$477.2 million, respectively. The reserve balance as of September 30, 2016 included the Company's best estimates of the liability for passenger and employee claims incurred related to the derailment of Amtrak's Train No. 188, which occurred on May 12, 2015 (the Train No. 188 Derailment). With the exception of one employee claim, all Train No. 188 derailment claims were settled and released by September 30, 2017. See Note 10 for additional information on the Train No. 188 Derailment. Of the total amount reserved as of September 30, 2017 and 2016, the estimated current claims liability included in "Accrued expenses and other current liabilities" in the Consolidated Balance Sheets was \$51.8 million and \$328.5 million, respectively. The balance of the reserve

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

as of both September 30, 2017 and 2016 is included in “Casualty reserves” in the Consolidated Balance Sheets.

Revenue Recognition

“Passenger related” revenue in the Consolidated Statements of Operations includes ticket revenue, state contribution revenue associated with requested service performed by Amtrak, and food and beverage revenue as follows (in millions):

	Year Ended September 30,	
	2017	2016
Ticket	\$ 2,180.8	\$ 2,136.1
State contribution	224.0	227.0
Food and beverage	139.1	132.3
Total passenger related revenue	<u>\$ 2,543.9</u>	<u>\$ 2,495.4</u>

These revenues are recognized as operating revenues when the related services are performed. Amounts received for tickets that have been sold but not used are reflected as “Deferred ticket revenue” in the Consolidated Balance Sheets.

“Other” revenue, for FY2017 and FY2016, includes (i) revenue from reimbursable engineering and capital improvement activities (these revenues are generally recognized as the associated costs are incurred); (ii) other transportation revenue from use of Amtrak-owned tracks and other services (these revenues are generally recognized when the related services are performed); (iii) revenue earned under contractual arrangements to operate various commuter rail services for a cost-based fee (these revenues are recognized when the related services are performed); (iv) amortization of state funds used to acquire depreciable assets (such payments are deferred when received and amortized over the estimated life of the related assets purchased with the funds, and the unamortized amounts are included in “Deferred state capital payments” in the Consolidated Balance Sheets); (v) commercial development revenue from retail, parking, advertising, real property leases/easements/sales, and access fees (these revenues are generally recognized as the services are performed); and (vi) freight access fee revenue from the use of Amtrak-owned tracks by freight railroad companies and other gains.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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,	
	2017	2016
Reimbursable	\$ 231.6	\$ 252.0
Other transportation	181.6	166.4
Commuter	121.2	120.8
Amortization of state capital payments	83.7	63.3
Commercial development	83.4	84.2
Freight access fees and other	60.3	58.5
Total other revenue	<u>\$ 761.8</u>	<u>\$ 745.2</u>

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 \$46.0 million and \$46.6 million for FY2017 and FY2016, 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 carry-forwards. Deferred tax assets and liabilities are 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 FY2017 and FY2016 (see Note 9).

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

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. Some of the more significant estimates include: allowance for doubtful accounts and obsolescence of material and supplies, estimated useful lives of property and equipment, calculation of accelerated depreciation related to Sandy, recoverability of long-lived assets, estimates of wrecked and damaged equipment, estimates of casualty reserves, pension and other postretirement employee benefits expense and obligations (including expected return on plan assets, discount rates, and health care cost trend rates), estimated costs for retroactive wages for union employees, estimated costs of asset retirement obligations, valuation allowance for deferred tax assets, estimated future valuation of certain assets in connection with the Company's tax planning strategy 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, 2017 and 2016, "Accumulated other comprehensive loss" consists of adjustments for pension and other postretirement liabilities.

Recently Adopted Accounting Pronouncements

In August 2014, the FASB issued Accounting Standards Updates (ASU) No. 2014-15, *Presentation of Financial Statements - Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern*. This ASU provides guidance about management's responsibility to evaluate whether there is substantial doubt about an entity's ability to continue as a going concern and to provide related footnote disclosures. The guidance is effective for the Company beginning with FY2017. As the Company expects to continue to receive funding from the Federal Government, the adoption of this ASU did not have an impact on its consolidated financial statements or disclosures.

In April 2015, the FASB issued ASU No. 2015-03, *Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs* (ASU 2015-03). Under the new guidance, the debt issuance costs related to a recognized debt liability will be presented on the balance sheet as a direct deduction from the carrying amount of that debt liability. The amortization of debt issuance costs will continue to be included in interest expense. The guidance, which is required to be applied retrospectively, was adopted by the Company in FY2017 and prior year balances have been reclassified accordingly. The adoption of the ASU did not have a material impact on its consolidated financial statements.

Recently Issued but Not Yet Adopted Accounting Pronouncements

In May 2014, the FASB issued ASU No. 2014-09, *Revenue from Contracts with Customers (Topic 606)*, which supersedes previous revenue recognition guidance. The new standard requires that a company recognize

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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

revenue when it transfers promised goods or services to customers in an amount that reflects the consideration the company expects to receive in exchange for those goods and services. Companies will need to use more judgment and estimates than under the guidance currently in effect, including estimating the amount of variable revenue to recognize over each identified performance obligation. Additional disclosures will be required to help users of financial statements understand the nature, amount and timing of revenue and cash flows arising from the contracts. The new standard will become effective for the Company beginning with the fiscal year ending September 30, 2020, and can be adopted either retrospectively to each prior reporting period presented or as a cumulative effect adjustment as of the date of adoption. The Company is currently evaluating the impact of adopting this new guidance on its consolidated financial statements.

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 is effective for the Company beginning with the fiscal year ending September 30, 2021, with early adoption permitted. The Company is currently evaluating the impact of adopting this new guidance. As the Company is and will continue to be involved in multiple leasing arrangements whereby the Company is either the lessee or the lessor, the adoption of the ASU is expected to have a significant impact on the Company's consolidated financial statements and disclosures.

In March 2017, the FASB issued ASU 2017-07, *Compensation—Retirement benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost*, to require that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. The other components of net benefit cost as defined are required to be presented in the income statement separately from the service cost component and outside a subtotal of income from operations, if one is presented. If a separate line item or items are used to present the other components of net benefit cost, that line item or items must be appropriately described. If a separate line item or items are not used, the line item or items used in the income statement to present the other components of net benefit cost must be disclosed. The amendments in this ASU also allow only the service cost component to be eligible for capitalization when applicable. The ASU will be effective for Amtrak beginning with the fiscal year ending September 30, 2020 and must be applied retrospectively for pension cost reporting and prospectively for the potential capitalization of service cost. The ASU allows a practical expedient that permits an employer to use the amounts disclosed in its pension and other postretirement benefit plan note for the prior comparative periods as the estimation basis for applying the retrospective presentation requirements. Disclosure that the practical expedient was used is required. The Company is currently evaluating the impact of adopting this new guidance on its consolidated financial statements.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

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 \$1.9 billion and \$1.5 billion for FY2017 and FY2016, 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.

In accordance with the Disaster Relief Appropriations Act, 2013 (Public Law No. 113-2, January 29, 2013), Amtrak was provided with grants totaling \$235.0 million for the Hudson Yards Concrete Encasement Project, of which Amtrak has cumulatively received \$231.4 million and \$219.1 million as of September 30, 2017 and 2016, respectively.

Since 2005, the Department of Homeland Security has awarded Amtrak a total of \$170.0 million in annual 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 \$164.9 million and \$156.8 million as of September 30, 2017 and 2016, respectively.

In May 2011, the DOT awarded Amtrak \$449.9 million in American Recovery and Reinvestment Act of 2009 High Speed Intercity Passenger Rail funding to upgrade its rail infrastructure to support more frequent and faster high-speed rail service, and to improve reliability of current service between New York and Washington. The funding supports the project to upgrade electrical power, signal systems, and track and overhead catenary wires between Trenton and New Brunswick, New Jersey — one of the busiest segments of the NEC and where the densest concentration of Acela Express high-speed rail operations occurs. Funding is provided on a reimbursable basis. As of September 30, 2017 and 2016, Amtrak cumulatively received \$440.9 million and \$333.7 million, respectively.

Additional appropriations are made to directly fund operations of Amtrak’s Office of Inspector General (OIG). \$23.3 million was appropriated in FY2017 to be spent by September 30, 2017. 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. During FY2017, Amtrak received \$21.8 million.

“Other paid-in capital”, included in the Consolidated Balance Sheets and 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, 2017 and 2016, 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, 2017 and 2016, 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. The Federal Government is entitled to repayment and interest in the event Amtrak ceases operations, is acquired by another entity, or seeks relief under bankruptcy or insolvency

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

4. Accounting and Reporting for Federal Payments (continued)

laws. The amount due to the Federal Government on the first note may be 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.

5. 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, 2017 and 2016, 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 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, 2017 and 2016, 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. The Act also required Amtrak to redeem at fair market value the shares of common stock outstanding as of December 2, 1997, by the end of FY2002. As required by the Act, Amtrak made an offer to the stockholders to redeem the stock for cash at a price of \$0.03 per share and by a letter, dated November 2, 2000, counsel for the four common stockholders rejected the offer. A subsequent lawsuit by the common stockholders to enforce the common stock redemption was dismissed by the federal courts.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

6. Mortgages and Debt

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

	September 30, 2017		September 30, 2016	
	Current	Long-Term	Current	Long-Term
Mortgage obligations:				
Penn Station mortgage	\$ —	\$ —	\$ 64,290	\$ —
High speed maintenance facilities	10,349	36,548	7,883	46,897
Frequency converter facility	10,920	117,870	46,825	88,290
Subtotal	21,269	154,418	118,998	135,187
Senior notes:				
Secured senior notes	25,500	331,680	— ¹	— ¹
Unsecured senior notes	16,000	119,000	— ¹	— ¹
Subtotal	41,500	450,680	— ¹	— ¹
PEDFA 30 th St. Garage Revenue Bonds	1,861	31,743	1,817	33,604
Term Loan A	18,671	54,075	18,164	72,746
Term Loan B	6,681	43,070	6,461	49,750
2016 RRIF loan	—	140,327	—	—
Principal amount of mortgages and debt	89,982	874,313	145,440	291,287
Less unamortized discount/premium/ issuance cost	(577)	(11,272)	(308) ²	(1,883) ²
Total mortgages and debt	\$ 89,405	\$ 863,041	\$ 145,132	\$ 289,404

¹ Debt obligation entered into in FY2017.

² Reflects adoption of ASU 2015-03.

Letters of Credit

The Company has an unsecured commercial letter of credit of \$2.5 million that supports the issuance of auto fleet insurance. As of September 30, 2017 and 2016, there were no draws against this letter of credit.

Commercial Paper

In February 2017, the Company completed an offering permitting it to borrow up to \$360 million in the commercial paper (CP) market. CP borrowings are backed by a direct-pay letter of credit issued by the dealer bank in the transaction. The Company may use the program to fund certain costs of the Next Generation High-Speed Trainsets project (see Note 10) at a lower interest rate and to defer for a period of time the payment of the credit risk premium for borrowings under the 2016 RRIF Loan. During FY2017, the Company borrowed and subsequently paid off \$217 million of CP notes and there are no CP notes outstanding as of September 30, 2017. The CP program was terminated on January 5, 2018.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

6. Mortgages and Debt (continued)

Revolving Credit Facility

On July 26, 2016, Amtrak entered into a Credit Agreement with three lenders for a \$100 million unsecured revolving credit facility. Borrowings under the facility will be used to enhance Amtrak's liquidity. The facility will expire on July 26, 2021. Borrowings under the facility have an interest rate based on the interest rate option selected by Amtrak. The Company may select (a) the base rate option, which is a variable rate equal to the highest of (i) the Federal Funds Open Rate plus 0.5%, (ii) the Prime Rate, and (iii) the Daily London Interbank Offered Rate (LIBOR) plus 1.0%, plus in all cases an applicable margin based on the Company's Standard & Poor's and Moody's ratings (Credit Ratings); or (b) the LIBOR rate option, which is equal to the LIBOR rate for the applicable period plus a margin based on the Company's Credit Ratings. Amtrak must pay a commitment fee on any undrawn portion of the revolving credit facility ranging between 8.5 and 25 basis points based on Amtrak's Credit Ratings. 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. As of September 30, 2017 and 2016, the Company has not made any draws under the facility.

Mortgage Obligations

Penn Station Mortgage

In June 2001, PSL mortgaged a substantial portion of improvements located at Penn Station in New York, New York for \$300.0 million at a fixed interest rate of 9.25% per annum, which increased to 9.50% effective October 2002. Approximately \$34.3 million was deposited into escrow for the benefit of the lender and was recorded in "Other current assets" in the Consolidated Balance Sheet as of September 30, 2016. The mortgage was fully paid off when it matured in June 2017 and the escrow deposit was released accordingly.

High Speed Maintenance Facilities

On October 30, 2012, Amtrak purchased the equity ownership interests related to leveraged lease agreements under which Amtrak leases three Acela maintenance facilities. As a result of the buyout, Amtrak no longer makes lease payments relating to the equity interest, but continues to make payments servicing the leveraged lease debt. Amtrak's obligations are collateralized by a pledge of Amtrak's interests in the maintenance facilities.

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.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

6. Mortgages and Debt (continued)

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

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, which was an effective rate of 0.80% as of September 30, 2016.

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 2.0% as of September 30, 2017. The Series B 2017 bonds will be repaid in equal quarterly payments of \$2.25 million over a five-year period, with the first payment made on May 15, 2017.

Amtrak's obligations in connection with the Series A Bonds and the Series B Bonds are cross-collateralized 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.

2011 RRIF Loan

On June 21, 2011, the Company entered into a \$562.9 million RRIF Loan financing agreement with the FRA (the 2011 RRIF Loan) and a related Master Lease Agreement with Wells Fargo Bank Northwest (Owner Trustee), to finance the purchase of 70 new electric locomotives, related spare parts, and improvements to existing maintenance facilities to service the new locomotives. Upon acceptance of each locomotive, the associated portion of the obligation under the 2011 RRIF Loan converted to a capital lease for accounting purposes. As of September 30, 2016, all locomotives had been delivered and accepted and, accordingly, the entire balance payable under the 2011 RRIF Loan at September 30, 2016 of \$465.0 million was recorded as a capital lease obligation as of that date. The 2011 RRIF Loan was fully paid off in FY2017 with the proceeds from the issuance of the Senior Notes (see below). In connection with the payoff of the 2011 RRIF Loan, the Company recorded a loss on extinguishment of debt of \$18.7 million.

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 the outstanding 2011 RRIF Loan capital lease obligation and other related project costs. The secured notes are secured by locomotives acquired under the 2011 RRIF Loan. The Company is repaying the Notes in semi-annual installments beginning in May of 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.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

6. Mortgages and Debt (continued)

PEDFA 30th St. Garage Revenue Bonds

On January 7, 2003, PEDFA issued \$50.0 million of Revenue Bonds (the 2003 PEDFA Garage Bonds) for the purpose of financing the construction and other related costs of a parking garage located at the 30th Street Station in Philadelphia, Pennsylvania (30th Street Station Garage).

On November 2, 2012, at Amtrak's request, PEDFA issued \$42.0 million of Revenue Bonds (the 2012 PEDFA Garage Bonds) to refinance the 2003 PEDFA Garage Bonds. At the date of issuance, the 2012 PEDFA Garage Bonds were remarketed to a commercial bank that agreed to hold them for a period of seven years. The 2012 PEDFA Garage Bonds mature in 20 years, with mandatory purchase by Amtrak at par plus accrued interest at the end of the seventh year unless an extension agreement is executed with the commercial bank that holds them. Interest accrues at a variable one month LIBOR rate. On November 2, 2012, Amtrak also entered into an interest rate swap agreement to manage the interest rate risk associated with the 2012 PEDFA Garage Bonds. As a result, the effective interest rate on the 2012 PEDFA Garage Bonds is 2.39%.

Amtrak's obligations with regard to the 2012 PEDFA Garage Bonds are collateralized by a pledge of Amtrak's interests in the 30th Street Station Garage.

Term Loan A and Term Loan B

On November 27, 2013, the Company entered into a \$130.0 million credit facility with PNC National Bank, N.A. (the Bridge Loan). On June 19, 2014, the Company converted the Bridge Loan into a \$200.0 million long-term loan, secured by certain of the Company's P-42 diesel locomotives, of which \$130.0 million was financed with PNC Equipment Finance, LLC (Term Loan A) and \$70.0 million was financed with RBS Asset Finance Inc. (Term Loan B). Under the terms of the agreement for Term Loan A, the Company incurs interest at a rate of LIBOR plus 1.0%. At the time that Term Loan A was entered into, the Company entered into an interest rate swap agreement, the impact of which made the effective interest rate on Term Loan A 2.76%. Under the agreement for Term Loan B, the Company incurs interest at a rate of 3.36%. Term Loan A and Term Loan B will mature on June 20, 2021 and June 20, 2024, respectively.

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 10 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 will be 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. Delivery of the Trainsets is expected to occur between December 2020 and March 2022. Amtrak is not required to begin making repayments on borrowings under the 2016 RRIF Loan until September 15, 2022.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

6. Mortgages and Debt (continued)

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

During FY2017, Amtrak drew \$137.5 million under the 2016 RRIF Loan, paid \$8.0 million in credit risk premiums and incurred interest cost of \$3.3 million, all of which was capitalized into Construction-in-progress. No amounts were borrowed prior to FY2017 and no amounts were repaid during FY2017.

Interest Rates

The annual weighted-average interest rates for all interest-bearing borrowings (inclusive of the impact of any interest rate swaps) are shown below:

	September 30,	
	2017	2016
Mortgage obligations	4.51 %	5.61 %
Senior notes	3.66	— ¹
PEDFA 30 th St. Garage Revenue Bonds	2.39	2.39
Term loans	3.00	2.99
2016 RRIF Loan	2.23	—
2011 RRIF Loan	N/A	4.04

¹ Debt obligation entered into in FY2017.

The overall weighted-average interest rate on all interest-bearing borrowings (inclusive of the impact of any interest rate swaps) is 3.5% and 4.5% per annum at September 30, 2017 and 2016, respectively.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

6. Mortgages and Debt (continued)

Scheduled Mortgages and Debt Maturities

On September 30, 2017, scheduled maturities of mortgages and debt are (in thousands):

Year Ending September 30,	
2018	\$ 89,982
2019	95,055
2020	92,824
2021	56,355
2022	29,603
Thereafter	600,476
Principal amount of mortgages and debt	964,295
Less unamortized discount/premium/issuance cost	(11,849)
Total mortgages and debt	<u>\$ 952,446</u>

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, 2017, the Company had satisfied all of its debt covenant obligations.

7. 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 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, 2017 and 2016, the gross amount of assets recorded under capital leases was \$1.3 billion and \$1.9 billion, respectively, with accumulated amortization of \$0.8 billion as of September 30 of both years.

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 6).

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

7. Leasing Arrangements (continued)

Future Minimum Lease Payments

As of September 30, 2017, future minimum lease payments under capital leases are (in thousands):

Year ending September 30,	
2018	\$ 64,827
2019	65,665
2020	60,863
2021	56,490
2022	33,310
Thereafter	16,742
Total minimum lease payments	<u>297,897</u>
Less: discounted to current period amount at interest rates ranging from 5.0% to 9.1%	(61,428)
Present value of minimum lease payments at September 30, 2017	<u>\$ 236,469</u>

The current portion of capital lease obligations as of September 30, 2017 and 2016, was \$46.8 million and \$70.9 million, respectively, and is presented in “Current maturities of long-term debt and capital lease obligations” in the Consolidated Balance Sheets.

Operating Leases

As of September 30, 2017, Amtrak is obligated for the following minimum rental payments under operating lease agreements (in thousands):

Year ending September 30,	
2018	\$ 17,390
2019	15,825
2020	13,363
2021	12,254
2022	11,832
Thereafter	48,516
Total	<u>\$ 119,180</u>

Rent expense for FY2017 and FY2016 was \$53.1 million and \$52.6 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.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

8. Fair Value Measurements

The estimated fair value of Amtrak's financial instruments, which were measured at amortized cost on the Company's Consolidated Balance Sheet, is as follows (in thousands):

	September 30, 2017		September 30, 2016	
	Principal Amount	Fair Value	Principal Amount	Fair Value
Mortgage obligations	\$ 175,687	\$ 188,548	\$ 254,185	\$ 287,287
Senior Notes	492,180	507,526	— ¹	— ¹
PEDFA 30 th St. Garage Revenue Bonds	33,604	34,005	35,421	33,297
Term Loan A	72,746	73,511	90,910	92,588
Term Loan B	49,751	51,116	56,211	58,746
2016 RRIF Loan	140,327	127,532	—	—
Total	\$ 964,295	\$ 982,238	\$ 436,727	\$ 471,918

¹ Debt obligation entered into in FY2017.

The estimated fair values of the financial instruments listed above are based upon discounted cash flow analyses using interest rates available to Amtrak at September 30, 2017 and 2016, for debt with the same remaining maturities.

For cash and cash equivalents, including restricted cash and cash equivalents; accounts receivable; accounts payable; and accrued expenses and other current liabilities, the carrying amounts approximate fair value given the short-term nature of the financial instruments.

9. Income Taxes

The Company recorded \$2.1 million and \$1.8 million of income tax expense for the years ended September 30, 2017 and 2016, respectively. In both years, income tax expense resulted from net deferred tax liabilities (DTLs) that arise in periods subsequent to the expiration of the Company's existing net operating losses (NOLs) calculated in accordance with the requirements of FASB ASC 740, *Income Taxes*.

A reconciliation of the expected amount computed by applying the U.S. federal statutory income tax rate of 35% to Amtrak's pretax loss to Amtrak's actual effective income tax rate for FY2017 and FY2016 is as follows:

	Year ended September 30,	
	2017	2016
U.S. federal statutory income tax rate	35.0 %	35.0 %
Valuation allowance	(35.1)	4.4
Book/tax basis difference	(1.2)	(31.2)
Adjustments to OCI	(0.9)	0.5
Federal operating grants	—	(10.9)
Other	2.0	2.0
Effective income tax rate	(0.2) %	(0.2) %

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

9. Income Taxes (continued)

The increase in the valuation allowance from FY2016 to FY2017 was due to a change in the tax treatment of federal grants and in tax depreciation on fixed assets acquired using federal grants.

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

	September 30,	
	2017	2016
Deferred tax assets:		
Net operating loss carryforward	\$ 2,827,329	\$ 2,633,165
Pension and other postretirement employee benefits	253,079	302,538
Accrued vacation and other compensation accruals	87,982	65,153
Capital leases	82,452	100,666
Claims reserves	67,394	73,038
Other accruals	34,641	32,405
Deferred gain on sale leaseback	13,948	15,640
Insurance recoveries	10,098	12,179
Inventory reserve	9,967	9,679
Bad debt reserve	2,554	1,873
Capitalized software	196	209
Gross deferred tax assets	<u>3,389,640</u>	<u>3,246,545</u>
Less: valuation allowance	<u>(386,798)</u>	<u>(47,676)</u>
Net deferred tax assets	<u>3,002,842</u>	<u>3,198,869</u>
Deferred tax liabilities:		
Fixed assets	(3,054,745)	(3,248,541)
Deferred rent	(1,256)	(1,377)
Gross deferred tax liabilities	<u>(3,056,001)</u>	<u>(3,249,918)</u>
Net deferred tax liability	<u>\$ (53,159)</u>	<u>\$ (51,049)</u>

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. In the current year, the valuation allowance increased by \$339.1 million.

NOL carryforwards were \$8.1 billion and \$7.5 billion as of September 30, 2017 and 2016, respectively. The carryforwards at September 30, 2017, will expire in various years from 2018 through 2037.

The Company is subject to examination by the Internal Revenue Service and other tax authorities in states in which it operates. The tax years still subject to examination are FY2014 and forward.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

10. 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 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, 2017, 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.

On August 8, 2016, the Company entered into a Purchase Agreement with a contractor for the acquisition of 28 Trainsets, to replace the Company's current *Acela Express* equipment which runs on the NEC (the Next-Generation High-Speed Trainsets Project). The base price of the contract is \$1.4 billion. Financing for the contract was obtained under the 2016 RRIF Loan (see Note 6). The Company issued a Notice to Proceed (NTP) to the contractor on August 16, 2016. The Company will make 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, 2017, Amtrak has received letters of credit for a total of \$434.9 million for which Amtrak is the beneficiary. Additional letters of credit will be issued during the construction period. As of September 30, 2017, the Company has incurred \$541.8 million in project related costs. Also on August 8, 2016, the Company entered into a technical support and spares supply agreement 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, expected in 2020. The base price for the technical support and spares supply agreement is \$637.6 million. As of September 30, 2017, the Company has incurred \$13.9 million in cost related to the agreement.

On August 3, 2010, the Company entered into a contract with a contractor to purchase 130 new long-distance single level cars. The Company issued an NTP to the contractor on September 7, 2010. As of September 30, 2017, the base price of the contract with change orders is \$299.5 million. The Company makes payments to the contractor pursuant to an approved payment schedule upon the contractor's successful completion of certain tasks (milestones), e.g. design, fabrication, testing and manufacturing of the cars, during the contract. As of September 30, 2017, the Company has incurred \$214.4 million in project-related costs. Deliveries of the cars started in December 2014. As of September 30, 2017, the Company has taken delivery of 78 cars. The contractor's most recent delivery schedule shows delivery of the final cars in December 2020.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

10. Commitments and Contingencies (continued)

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 FY2017 and FY2016 totaled \$141.9 million and \$155.7 million, respectively, and are included in “Train operations” in the Consolidated Statements of Operations.

Risk of Liability and Insurance

The Amtrak Reform and Accountability Act of 1997 limited the amount railroad passengers may recover from a single accident to an aggregate of \$200.0 million. In December 2015, the FAST Act increased the limit to \$295.0 million for the Train No. 188 Derailment (see below for additional disclosures on the derailment). The FAST Act also required the DOT Secretary to calculate a revised claim limit for all other railroad passenger claims from a single incident based on the consumer price index since December 2, 1997. On January 11, 2016, the DOT Secretary issued its calculation setting the new limit at \$294.3 million effective February 11, 2016. The FAST Act requires this to be adjusted every five years after the date of the FAST Act’s enactment, so this new claim limit will remain effective through 2020. As non-passenger liability is not limited and there is also a need to insure in the event of multiple occurrences per policy period, Amtrak purchases excess liability insurance limits beyond the statutory cap.

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 various insurance policies to cover its liability to employees and other parties for injury or damage resulting from accidents, to cover Amtrak’s loss resulting from damage to Amtrak property and to insure against catastrophic events. Losses within the self-insured retentions and deductibles under these policies are self-insured by Amtrak.

Train No. 188 Derailment

On May 12, 2015, Amtrak Northeast Regional Train No. 188 from Washington, D.C. bound for New York City derailed on a 50-mph curve along the NEC in the Port Richmond neighborhood of Philadelphia, Pennsylvania. Eight people were killed and over 200 were injured.

The court with jurisdiction over this matter (the Court) announced a settlement program for passenger liability claims resulting from the Train No. 188 Derailment (the Program). The Program provided for the establishment of a pool of \$265 million less certain deductions determined by the Court after consultation with Amtrak and the Plaintiff’s Management Committee (PMC). The Court order required plaintiffs who had filed lawsuits to declare whether they intended to participate in the Program by a certain date or pursue their claim separately. All plaintiffs elected to participate in the Program.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

10. Commitments and Contingencies (continued)

On July 31, 2017, the Court issued an order settling the Program and all claims under the Program were dismissed. As a result of the settlement, and subsequent disbursement of funds to the plaintiffs, the Company relieved the liability and receivable related to the passenger claims under the settlement. The Company paid out amounts in excess of its self-insured retention amount and as of September 30, 2017, recorded an insurance recovery receivable related to amounts paid by the Company that are covered under its liability insurance policies but weren't covered under the Program. Subsequent to September 30, 2017, the full amount recorded was collected.

In addition, Amtrak suffered property damage in the incident. The estimated replacement cost of property damaged is \$57.6 million. In October 2016, the Company reached settlement with its property insurers for a total payment of \$40.8 million (\$50.8 million total agreed upon loss less \$10.0 million self-insured retention amount). As of September 30, 2016, the Company had received insurance proceeds of \$25.5 million, and the Company received the remaining proceeds in FY2017. \$15.8 million received in FY2017 and \$6.8 million received in FY2016 were recorded as a recovery of business interruption losses in "Other expenses" in the Company's Consolidated Statements of Operations.

Labor Agreements

Excluding employees within Amtrak's OIG, approximately 84% of Amtrak's labor force is covered by labor agreements. Under the Railway Labor Act, labor contracts never expire but are instead opened periodically for renegotiation. Although there are no timeframes for negotiations to be completed, it is likely there could be retroactive wage increases in settlements, consistent with prior agreements. As of September 30, 2017, Amtrak was still negotiating labor contracts with all of its unionized workforce.

The Company has accrued \$125.9 million and \$44.0 million within "Accrued expenses and other current liabilities" in the Consolidated Balance Sheets as of September 30, 2017 and 2016, respectively, which represents its best estimate for retroactive wage increases resulting from settlements of such agreements for services through those dates.

Legal Proceedings

Amtrak is involved in various litigation and arbitration proceedings in the normal course of business, including but not limited to several distinct tort, contract, eminent domain and civil rights claims. The outcome of these matters cannot be predicted with certainty. 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 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 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 known.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

10. Commitments and Contingencies (continued)

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, 42 U.S.C. §12162(e). 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. The Company has developed a plan to bring the station components for which it is legally responsible into ADA compliance. This plan is 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 June 9, 2015, the Department of Justice (DOJ) provided Amtrak with a Letter of Findings and Conclusions regarding ADA compliance at Amtrak. DOJ has indicated, both in its Letter of Findings and in its communications with Amtrak's counsel, that DOJ intends to work cooperatively with Amtrak to negotiate a settlement or consent decree. 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 expenditures that will be incurred, and the effect on operating results, have not yet been fully analyzed. Accordingly, the accompanying financial statements do not reflect the costs of Amtrak becoming fully compliant with the ADA. As of September 30, 2017, Amtrak has spent a total of \$424.9 million on ADA-related projects. Approximately \$44.4 million and \$38.0 million of the expenditures were incurred during FY2017 and FY2016, respectively.

Positive Train Control

In 2008, Congress enacted the Rail Safety Improvement Act. The legislation included a mandate that all Class I railroads and each railroad hosting intercity or commuter rail passenger service have Positive Train Control (PTC) systems installed and operating by December 31, 2015, provided, however, that a Class I railroad is only required to install PTC on routes where there are five million or more gross tons of railroad traffic per year and the presence of either passenger trains or poison by inhalation hazardous materials. PTC is a system of functional requirements for monitoring and controlling train movements and is a type of train protection system. The FRA rules for PTC provide for exceptions to these PTC requirements, which are subject to FRA approval, on rail lines hosting passenger trains on which freight traffic volumes, and the number of passenger trains operated, do not exceed limits specified in the rule. In October 2015, Congress passed the Surface Transportation Extension Act of 2015, which included a three-year extension of the PTC deadline. Amtrak is working with federal authorities and commuter and freight railroads to ensure Amtrak trains are compliant with PTC systems adopted for use by host railroads. Additional funding to fully comply with PTC requirements is necessary and will be requested. Compliance with PTC requirements on the host railroads outside of the NEC could result in significant costs to Amtrak. Amtrak's contribution to PTC installation and maintenance on host railroad property has not yet been defined. Accordingly, the accompanying financial statements do not reflect an estimated liability for the cost of Amtrak becoming fully compliant with PTC.

The NEC rail line owned or controlled by the Company between Boston and Washington was fully PTC compliant by the original December 31, 2015 deadline, except for a few miles where technical issues are being resolved. Although all other Amtrak owned and/or operated rail lines, and Amtrak owned and controlled locomotives, are expected to be in compliance with the PTC requirements by December 31, 2018, it is possible

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

10. Commitments and Contingencies (continued)

that Amtrak service could be disrupted in areas on host railroads where PTC has not yet been fully implemented by the deadline. However, the possible impact of any such disruption cannot be estimated at this time. There is a provision in the Surface Transportation Extension Act of 2015 allowing railroads making sufficient progress installing PTC to seek an additional extension to December 31, 2020. As of September 30, 2017, Amtrak has spent \$196.5 million for PTC-related projects on Amtrak owned or controlled rail lines and equipment. Approximately \$16.7 million and \$18.2 million of the expenditures were incurred during FY2017 and FY2016, respectively.

Certain host railroads over which Amtrak operates its passenger trains have asserted material claims against Amtrak to recover costs of PTC installation and maintenance, and other host railroads may assert claims in the future. They may also assert future claims to recover from Amtrak certain PTC maintenance costs. The Company is in the process of analyzing the documents provided to date by the host railroads and evaluating the likelihood that Amtrak would be responsible for certain of the costs incurred by the host railroads in connection with their implementation of PTC on host railroad owned property. Amtrak believes that it may not be responsible for all costs claimed to date by the host railroads, and is evaluating the claims to ensure that all exemptions have been obtained and that the claimed costs are required to be paid by Amtrak pursuant to the terms of the operating agreements in place between Amtrak and its host railroads, and by statute.

As of September 30, 2017, Amtrak has accrued its best estimate of the liability associated with PTC installation related to host railroad PTC implementation for the incurred amounts determined to be both probable and reasonably estimable. Amtrak anticipates that additional accruals, which may be material, could be recorded in the future once the Company completes its analysis of those claims and its negotiations with the hosts. Accordingly, Amtrak believes that it is reasonably possible that it may incur additional material liability in excess of the amount recognized to date but such amounts cannot be estimated at this time. Accruals for amounts to be paid to these railroads will be reflected in the periods in which such liability becomes probable and estimable. In addition, Amtrak believes that it may be eligible to recover some of the amounts to be paid to the host railroads from the state agencies for which Amtrak has agreements to provide service; however, Amtrak has not recorded any amounts related to this potential recovery.

11. Environmental Matters

The Company is subject to extensive and complex federal and state environmental laws and regulations that can give rise to 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, 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

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

11. Environmental Matters (continued)

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.

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 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 as a result of any of the foregoing. Based upon information currently available, the Company believes its environmental reserves are adequate to fund remedial actions to comply with present laws and regulations, and that the ultimate liability for these matters, if any, will not materially affect its overall financial condition, results of operations, or liquidity. As of September 30, 2017 and 2016, the environmental reserve was \$135.5 million and \$66.9 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 \$19.5 million and \$24.3 million as of September 30, 2017 and 2016, respectively, and is reported in “Accrued expenses and other current liabilities” in the Consolidated Balance Sheets. Of the reserve, \$110.1 million and \$49.6 million, included in “Right-of-way and other properties” in the Consolidated Balance Sheets as of September 30, 2017 and 2016, respectively, relates to estimated future capital expenditures for environmental remediation.

The amounts included in “Environmental Reserve” 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.

12. 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. Prior to FY2016, 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.

On August 10, 2016, the Retirement Income Plan was amended to permit retirees with vested balances greater than \$1,000 and who are not actively receiving benefits from the plan to receive a lump sum payment equal to the actuarial equivalent of the retiree’s accrued benefit or an actuarial equivalent immediate annuity in the applicable normal annuity form under the plan. In December 2016 and January 2017, the Company made settlement payments totaling \$21.9 million. As a result of the settlement, in FY2017 the projected benefit

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

obligation was reduced by \$22.7 million, and the Company reclassified \$5.4 million related net loss from "Accumulated other comprehensive loss" on its Consolidated Balance Sheet to "Salaries, wages and benefits" expense on the Consolidated Statement of Operations.

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, 2017 and 2016 was as follows (in thousands):

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Reconciliation of projected benefit obligation:				
Obligation at October 1	\$ 495,789	\$ 479,630	\$ 794,748	\$ 869,177
Service cost	—	—	17,447	19,763
Interest cost	18,374	20,760	26,542	34,128
Actuarial (gain) loss	(5,220)	15,875	(92,823)	(74,127)
Employee contributions	—	—	2,797	2,641
Benefit payments	(43,827)	(20,476)	(54,489)	(56,834)
Obligation at September 30	<u>\$ 465,116</u>	<u>\$ 495,789</u>	<u>\$ 694,222</u>	<u>\$ 794,748</u>
Reconciliation of fair value of plan assets:				
Plan assets at October 1	\$ 426,142	\$ 399,264	\$ —	\$ —
Actual gain on plan assets	42,084	35,013	—	—
Employer contributions	14,000	14,000	51,692	54,192
Participant contributions	—	—	2,797	2,641
Medicare Part D subsidy	—	—	74	91
Benefit payments, net	(45,971)	(22,135)	(54,563)	(56,924)
Plan assets at September 30	<u>\$ 436,255</u>	<u>\$ 426,142</u>	<u>\$ —</u>	<u>\$ —</u>
Funded status:				
Net liability recognized in Consolidated Balance Sheets	<u>\$ (28,861)</u>	<u>\$ (69,647)</u>	<u>\$ (694,222)</u>	<u>\$ (794,748)</u>
Accumulated benefit obligation at September 30	<u>\$ (465,116)</u>	<u>\$ (495,789)</u>	<u>\$ (694,222)</u>	<u>\$ (794,748)</u>

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

Pension and other postretirement benefit amounts recognized in the Consolidated Balance Sheets as of September 30, 2017 and 2016 are as follows (in thousands):

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Current liabilities	\$ 14,000	\$ 23,558	\$ 53,683	\$ 59,764
Non-current liabilities	14,861	46,089	640,539	734,984
Net amount recognized	\$ 28,861	\$ 69,647	\$ 694,222	\$ 794,748

Pension and other postretirement benefit amounts recognized in accumulated other comprehensive loss in FY2017 and FY2016 are as follows (in thousands):

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Net loss	\$ 112,697	\$ 139,489	\$ 209,652	\$ 339,378
Prior service cost	—	—	(205,416)	(335,912)
Net amount recognized	\$ 112,697	\$ 139,489	\$ 4,236	\$ 3,466

Components of Net Periodic Benefit Cost

The following table provides the components of net periodic benefit cost for the plans for FY2017 and FY2016 (in thousands):

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Service cost	\$ 1,370	\$ 760	\$ 17,447	\$ 19,763
Interest cost	18,374	20,760	26,542	34,128
Expected return on plan assets	(27,942)	(28,281)	—	—
AOCI reclassification adjustment ¹ :				
Amortization of prior service credit	—	—	(130,496)	(130,429)
Amortization of net loss	2,796	3,255	36,903	50,076
Settlement loss	5,408	—	—	—
Net periodic benefit cost (income)	\$ 6	\$ (3,506)	\$ (49,604)	\$ (26,462)

¹ Reclassifications from Accumulated Other Comprehensive Income (AOCI) were recorded within “Salaries, wages, and benefits” expense in the Consolidated Statements of Operations.

The estimated net loss for the Retirement Income Plan that will be amortized from accumulated other comprehensive loss into net periodic benefit cost over the next year is \$2.8 million.

The estimated net loss and prior service cost for the other postretirement plans that will be amortized from accumulated other comprehensive loss into net periodic benefit cost over the next year are \$25.7 million and a credit of \$131.5 million, respectively.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

Plan Assets

The Company's pension plan asset allocation at September 30, 2017 and 2016, and initial target allocation for 2018, are as follows:

	Plan Assets		
	2018	2017	2016
Long-term fixed income securities	70.0 %	66.3 %	36.5 %
Domestic equity securities	14.0	15.0	32.6
Global asset allocation funds	11.0	11.6	20.6
Real estate investment trust	5.0	5.4	6.6
Money market funds	—	1.9	4.2
Derivatives	—	—	0.2
Other ¹	—	(0.2)	(0.7)
Total	100.0 %	100.0 %	100.0 %

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

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 investment objectives seek to reduce funded status volatility as the Retirement Income Plan's funded status increases and ultimately would position the Retirement Income Plan 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 level of the "return-seeking portfolio" (which includes domestic and international equity, global investment grade bonds, high yield bonds, bank loans, emerging market debt and real estate) and the structure of the long-term fixed income portfolio" (primarily longer duration investment grade fixed income securities denominated in U.S dollars) are the key elements of the asset-liability strategy for the pension investment program. The Retirement Income Plan's strategic allocation policy is based on the Retirement Income Plan's current funded status. The Retirement Income Plan's return requirements and risk tolerance will change over time. As a result of the Retirement Income Plan's asset allocation strategies, there are no significant concentrations of risk within the portfolio of investments.

FASB ASC Topic 820, *Fair Value Measurements and Disclosures*, clarifies the definition of fair value for financial reporting, establishes a framework for measuring fair value, and requires additional disclosures about the use of 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.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

- 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 following is a description of the valuation methodologies used for the investments measured at fair value, including the general classification of such instruments pursuant to the valuation hierarchy. The Company does not intend to sell any of its investments in funds at an amount different from net asset value (NAV) per share as of September 30, 2017, nor does the Company have any unfunded commitments related to these funds.

Fixed Income Securities

This investment category consists of U.S. government securities, corporate bonds, government bonds and municipal bonds. These assets are valued based on a compilation of primarily observable market information or a broker quote in a non-active market. These assets are classified as Level 2 investments.

Domestic Equity Securities

This investment category consists of common stock issued by U.S. corporations and American Depository Receipts (ADRs) issued by U.S. banks. Common stock and ADRs are traded actively on exchanges and price quotes for these shares are readily available.

The Vanguard Total Stock Market Index fund (fair value of \$65.4 million and \$138.6 million as of September 30, 2017 and 2016, respectively) seeks to closely track the performance of the Center for Research and Security Prices US Total Market Index, which is considered a gauge of small-, mid-, and large-cap growth and value stocks regularly traded on the New York Stock Exchange and NASDAQ.

This investment is classified as a Level 1 investment.

Global Asset Allocation Funds

At September 30, 2017 and 2016, investments in this category consisted of the Vanguard FTSE All World ex-US Index fund (Vanguard INTL) and the PIMCO Diversified Income Fund (PIMCO DIF).

The Vanguard INTL investment (fair value of \$34.4 million and \$67.8 million as of September 30, 2017 and 2016, respectively) seeks to track the performance of a benchmark index that measures the investment return of stocks of companies located in developed and emerging markets around the world, excluding the United States.

The PIMCO DIF investment (fair value of \$16.1 million and \$20.1 million as of September 30, 2017 and 2016, respectively) actively manages a portfolio that invests across a broad universe of fixed income instruments in the global credit markets.

Both funds in this category are actively traded; price quotes for these shares are readily available; and these assets are classified as Level 1 investments.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

Real Estate Investment Trust

This category consists of an investment in the Morgan Stanley Prime Property fund. The fair value of the investments in the Prime Property Fund has been estimated using the NAV of the Plan's ownership interest (units) in the partner's capital. The investment in the Prime Property Fund can be redeemed on a quarterly basis but with no guarantee that cash will be available at any particular time to fund the redemption request. If the cash is not available, the redemption will be deferred at the discretion of the fund manager until sufficient cash is available. There were no unfunded withdrawal requests as of September 30, 2017 or September 30, 2016. Investments in real estate investment funds are classified as Level 2 investments.

Money Market Funds

Money market funds generally transact subscription and redemption activity at a \$1.00 stable NAV. However, on a daily basis the fund's NAV is calculated using the amortized cost (not market value) of the securities held in the fund. Investments in the money market funds can be redeemed on a daily basis. There were no unfunded withdrawal requests as of September 30, 2017 or September 30, 2016. Investments in money market funds are classified as Level 2 assets. Amtrak's category of investments in money market funds consists of the JPMorgan 100% U.S. Treasury Securities Money Market Fund, which is consistent with significant accounting policy section of the JP Morgan's Money Market Funds Annual Report that states for the investment valuation for JPMorgan 100% U.S. Treasury Securities Money Market Fund that, "Each Fund has elected to use the amortized cost method of valuation pursuant to Rule 2a-7 under the 1940 Act provided that certain conditions are met, including that the Fund's Board of Trustees continues to believe that the amortized cost valuation method fairly reflects the market based NAV per share of the Fund."

Derivatives

At September 30, 2016, this investment category consisted of short U.S. treasury futures to shorten the duration of the underlying long-term fixed income portfolio and was classified as a Level 2 investment. The Company exited out of its derivative positions in FY2017 and does not have any outstanding positions as of September 30, 2017. The investment fair value as of September 30, 2016 was \$1.0 million which represented the value of the derivative exposure.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

The following table represents the fair values of the Company's pension assets by level within the fair value hierarchy as of September 30, 2017 and 2016 (in thousands):

	<u>Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
September 30, 2017				
U.S. government securities	\$ 10,173	\$ —	\$ 10,173	\$ —
Corporate bonds	239,014	—	239,014	—
Government bonds	19,897	—	19,897	—
Municipal bonds	20,543	—	20,543	—
Total fixed income	<u>289,627</u>	<u>—</u>	<u>289,627</u>	<u>—</u>
Large cap	58,611	58,611	—	—
Mid cap	5,676	5,676	—	—
Small cap	1,100	1,100	—	—
Total equity securities	<u>65,387</u>	<u>65,387</u>	<u>—</u>	<u>—</u>
Money market funds	8,147	—	8,147	—
Real estate investment trust	23,463	—	23,463	—
Global asset allocation funds	50,514	50,514	—	—
Total fair value investments	<u>437,138</u>	<u>\$ 115,901</u>	<u>\$ 321,237</u>	<u>\$ —</u>
Other ¹	(883)			
Total plan assets	<u>\$ 436,255</u>			

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

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

	Total	Level 1	Level 2	Level 3
September 30, 2016				
U.S. government securities	\$ 9,578	\$ —	\$ 9,578	\$ —
Corporate bonds	127,083	—	127,083	—
Government bonds	6,644	—	6,644	—
Municipal bonds	12,032	—	12,032	—
Asset-backed securities	101	—	101	—
Total fixed income	<u>155,438</u>	<u>—</u>	<u>155,438</u>	<u>—</u>
Large cap	122,471	122,471	—	—
Mid cap	13,370	13,370	—	—
Small cap	2,795	2,795	—	—
Total equity securities	<u>138,636</u>	<u>138,636</u>	<u>—</u>	<u>—</u>
Money market funds	17,981	—	17,981	—
Real estate investment trust	28,067	—	28,067	—
Global asset allocation funds	87,938	87,938	—	—
Derivatives	974	—	974	—
Total fair value investments	<u>429,034</u>	<u>\$ 226,574</u>	<u>\$ 202,460</u>	<u>\$ —</u>
Other ¹	(2,892)			
Total plan assets	<u>\$ 426,142</u>			

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 is expected to be approximately 6.25%.

Estimated Future Benefit Payments

Based upon the assumptions used to measure the pension and other postretirement benefit obligations as of September 30, 2017, including pension and 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):

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

	Pension Benefits	Other Benefits
Year ending September 30,		
2018	\$ 24,672	\$ 53,683
2019	25,715	54,083
2020	26,427	54,267
2021	27,052	52,741
2022	27,471	50,467
2023-2027	139,322	245,880

Contributions

In FY2018, Amtrak expects to contribute \$14.0 million to the defined benefit plan and \$53.7 million towards other postretirement benefits.

Assumptions

Weighted-average assumptions used to determine benefit obligations as of September 30, 2017 and 2016 are as follows:

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Discount rate	3.86 %	3.74 %	3.68-3.70 %	3.44-3.50 %

Weighted-average assumptions used to determine net periodic benefit cost for the years ended September 30, 2017 and 2016 are as follows:

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Discount rate	3.74-4.29 %	4.43 %	3.44-3.50 %	3.99-4.17 %
Expected long-term return on assets	7.00 %	7.25 %	N/A	N/A

Assumed health care cost trend rates are as follows:

	September 30,	
	2017	2016
Health care cost trend rate assumed for next year	7.71-8.89 %	7.25-8.00 %
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	2026	2026

Assumed health care cost trend rates have a significant effect on the amounts reported for the other defined benefit post retirement plans. A one-percentage-point change in assumed health care cost trend rates would have the following effects on the Other Benefits plans (in thousands):

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

12. Postretirement Employee Benefits (continued)

	1% Increase	1% Decrease
Effect on total of service and interest cost component	\$ 4,418	\$ (3,737)
Effect on postretirement benefit obligation	43,575	(38,182)

Prescription Drug Benefits

On December 8, 2003, the Medicare Prescription Drug, Improvement, and Modernization Act of 2003 (the Medicare Act) was signed into law. The Medicare Act introduced a prescription drug benefit under Medicare (Medicare Part D) as well as a federal subsidy to sponsors of retiree health care benefit plans that provide a benefit that is at least actuarially equivalent to Medicare Part D. Amtrak elected to record an estimate of the effects of the Medicare Act in accounting for its postretirement benefit plans and provide disclosures required by ASC Topic 715, *Compensation - Retirement Benefits*. Amtrak's accumulated pension benefit obligation for its other benefits is reduced by \$1.1 million and \$2.0 million for FY2017 and FY2016, respectively, for this prescription drug benefit.

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 \$18.4 million and \$17.8 million for FY2017 and FY2016, respectively.

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

13. Subsequent Events

Train No. 501 Derailment

On December 18, 2017, Amtrak Train No. 501, traveling from Seattle, WA to Portland, OR, derailed in the area of DuPont, WA. There were 77 passengers, five Amtrak employees and a technician on board. Three passengers were killed and many were injured. A number of lawsuits on behalf of passengers, employees and motorists have been filed and more are anticipated. The severity of the incident will result in property damages that will exceed the Company's property insurance deductible of \$0.1 million and passenger, employee and motorist claims that will likely exceed the Company's excess liability insurance self-insured retention of \$20.0 million. The Company's property and excess liability insurers have been placed on notice of claims arising from the derailment. Any amounts in excess of the property insurance deductible or self-insured retention amounts are expected to be covered by insurance. The cause of the incident is still under investigation.

Tax Cuts and Jobs Act

On December 22, 2017, the Tax Cuts and Jobs Act (the Tax Bill) was signed into law by President Trump. While the Company is still evaluating the impact of the Tax Bill, a number of its provisions will impact the

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Consolidated Financial Statements (continued)

13. Subsequent Events (continued)

amount and treatment of Amtrak's future NOLs as well as its recorded DTL. Specific provisions that are expected to impact the Company are as follows:

- NOLs arising in the Company's FY2018 and beyond will now be carried forward indefinitely and NOL deductions for losses arising in FY2018 and beyond will be limited to 80% of taxable income.
- The Tax Bill's reduction in the maximum federal corporate income tax from 35% to 21% beginning January 1, 2018 is expected to reduce the Company's recorded DTL. The Company's estimate is that its DTL will be reduced by approximately \$20 million in FY2018 associated with the decreased tax rate.
- The Tax Bill limits net interest expense deductions to 30% of earnings before interest, taxes, depreciation and amortization through 2021 and of earnings before interest and taxes thereafter. This change is expected to reduce or eliminate the Company's ability to claim tax deductions for future net interest expense.
- The Tax Bill contains a section on Insurance Reforms which may change how the Company's PRIL subsidiary computes its reserves for income tax reporting purposes. The Company is still evaluating the potential impact of this section.

Management's Evaluation

The Company has evaluated subsequent events through January 26, 2018, which is the date the financial statements were available to be issued. There were no other events that require adjustments to or disclosure in the Company's financial statements for FY2017.



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Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

The Board of Directors and Stockholders
National Railroad Passenger Corporation

We have audited, in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of National Railroad Passenger Corporation and subsidiaries (Amtrak or the Company), which comprise the consolidated balance sheet as of September 30, 2017, and the related consolidated statements of operations, comprehensive loss, changes in capitalization, and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated January 26, 2018.

Federal Government Funding

As explained in Notes 1 and 2 in the accompanying consolidated 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 consolidated financial statements, the Company is receiving Federal Government funding under the Continuing Appropriations Acts, 2018. The Company expects to receive additional interim Federal Government funding under Congressional continuing resolutions for fiscal year 2018 until the formal appropriations bill is signed into law. There are currently no Federal Government subsidies appropriated by law for any period subsequent to February 8, 2018. Without the receipt of Federal Government funding, Amtrak 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.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Amtrak's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Amtrak's internal control. Accordingly, we do not express an opinion on the effectiveness of Amtrak's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a

material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit, we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified. We did identify certain deficiencies in internal control described in Appendix A that we consider to be a significant deficiency.

Compliance and Other Matters

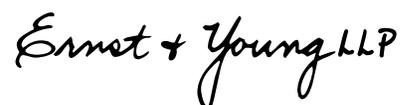
As part of obtaining reasonable assurance about whether Amtrak's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Amtrak's Response to Findings

Amtrak's response to the findings identified in our audit are described in the accompanying Appendix A. Amtrak's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it. The status of prior year instances of deficiencies is presented in Appendix B.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



January 26, 2018

Appendix A – Significant Deficiency in Internal Control Over Financial Reporting

Information Systems

Access and change management controls are fundamental to the integrity of all information systems. Such controls, including appropriately designed and implemented preventive controls and monitoring controls for proper assessment and timely remediation, can help manage risks such as unauthorized access and changes to critical data and programs. These controls include logical access restrictions and review of privileged access activities throughout the information system processes to validate that the integrity of Amtrak's information resources is not compromised.

As part of our fiscal year 2017 audit, we identified information technology general control deficiencies that when aggregated, result in a significant deficiency in the operation of information systems controls. Although certain control deficiencies were recurring from prior years, Amtrak designed and implemented compensating controls to mitigate the risk associated with the following deficiencies identified as the controls were not operating throughout the fiscal year.

- Deficiencies were identified over the administration of privileged IT access (referred to as Superuser access) and the monitoring of privileged IT activities. The following critical elements of the periodic privileged IT activity review were not consistently and appropriately implemented:
 - The criteria used by some reviewers were not precise to detect unusual activities or activities that would require further follow-up or investigation.
 - Some reviewers did not have sufficient documentation to support the considerations made and the conclusions reached as part of the review.
- Lack of timely removal or de-provisioning of user access.
- Lack of consistent execution of the periodic logical user access reviews, and the retention of relevant documentation evidencing the completeness and accuracy of data used in the review, the completeness of the review itself, the timely resolution of identified discrepancies and the mitigation of risk.
- Lack of comprehensive documentation to properly evaluate IT general controls for the financial reporting objectives.
- Inconsistency in executing control procedures to validate the completeness and accuracy of reports and other information produced to support the performance of the information technology general controls.

In the current fiscal year, Amtrak enhanced the design of controls to remediate the prior year control deficiencies and designed and implemented compensating monitoring controls to

Appendix A – Significant Deficiency in Internal Control Over Financial Reporting (continued)

demonstrate risk mitigation. Amtrak will need to continue to demonstrate improvement and consistency in the execution and operation of such controls. Consistent execution and operation of Amtrak's IT general controls should result in strengthened control, monitoring and oversight processes that will enhance the overall integrity of Amtrak's information systems.

The significant deficiency impacted application controls and IT-dependent manual controls, including management review controls relying on electronic data across transactions that were significant to the financial reporting process.

Recommendation:

Improvements are necessary in the controls over monitoring of compliance with Amtrak's policies, including the prevention of and monitoring for inconsistencies in access rights allowing potential inappropriate system activity and the monitoring of privileged activity in key systems. Examples of oversight processes that should be improved include the following:

- Consistently execute the monitoring of privileged activity and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies and the mitigation of associated risks.
- Follow relevant Amtrak policies related to the removal of user access and assignment of privileged access rights for all significant applications and supporting infrastructure.
- Consistently execute the periodic logical user access review process and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies and the mitigation of associated risks.
- Enhance the IT control documentation, including risk assessment and identification of controls and financially relevant applications to improve the effectiveness of IT general controls.
- Review and document the validation of the completeness and accuracy of the data used in the execution of its controls and retain such documentation.

Management's Response:

During the current fiscal year, Amtrak made significant efforts to remediate control deficiencies which resulted in a material weakness in internal control over financial reporting in prior years. We are committed to action plans to strengthen our internal control environment and feel confident that the appropriate corrective measures have been identified and are in the process of being implemented to remediate the information technology general control deficiencies that when aggregated, result in a significant deficiency in the operation of information systems controls.

Appendix B – Status of Prior Year Deficiencies

Process	Nature of Comment	Type of Comment in Fiscal Year 2016	Current Year Status
Information Systems	Information technology general controls that when aggregated result in a material weakness in the design and operation of the information systems controls.	Material weakness	Significant Deficiency for Information Systems – during fiscal year 2017, the Company enhanced the design of controls and designed and implemented compensating controls to demonstrate risk mitigation associated with certain information technology general controls that were not operating throughout the fiscal year.

SINGLE AUDIT REPORT

National Railroad Passenger Corporation and Subsidiaries (Amtrak)
Year Ended September 30, 2017
With Report of Independent Auditors

Ernst & Young LLP



National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Single Audit Report

Year Ended September 30, 2017

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Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

The Board of Directors and Stockholders
National Railroad Passenger Corporation

We have audited, in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of National Railroad Passenger Corporation and subsidiaries (Amtrak or the Company), which comprise the consolidated balance sheet as of September 30, 2017, and the related consolidated statements of operations, comprehensive loss, changes in capitalization, and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated January 26, 2018.

Federal Government Funding

As explained in Notes 1 and 2 in the accompanying consolidated 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 consolidated financial statements, the Company is receiving Federal Government funding under the Continuing Appropriations Act, 2018. The Company expects to receive additional interim Federal Government funding under Congressional continuing resolutions for fiscal year 2018 until the formal appropriations bill is signed into law. There are currently no Federal Government subsidies appropriated by law for any period subsequent to February 8, 2018. Without the receipt of Federal Government funding, Amtrak 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.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Amtrak's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Amtrak's internal control. Accordingly, we do not express an opinion on the effectiveness of Amtrak's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. *A material weakness* is a deficiency, or

combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. Given these limitations, during our audit, we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified. We did identify certain deficiencies in internal control described in Finding 2017-001 that we consider to be a significant deficiency.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Amtrak's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, non-compliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of non-compliance or other matters that are required to be reported under *Government Auditing Standards*.

Amtrak's Response to Findings

Amtrak's response to the findings identified in our audit are described the accompanying Schedule of Findings and Questioned Costs. Amtrak's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



January 26, 2018



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Report of Independent Auditors on Compliance for The Major Federal Program; Report on Internal Control Over Compliance and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

Management and the Board of Directors and Stockholders
National Railroad Passenger Corporation

Report on Compliance for the Major Federal Program

We have audited the compliance of National Railroad Passenger Corporation (Amtrak) with the types of compliance requirements described in the US Office of Management and Budget (OMB) *Compliance Supplement* that could have a direct and material effect on Amtrak's major federal program for the year ended September 30, 2017. Amtrak's major federal program is identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with the requirements of federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for Amtrak's major federal program based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about Amtrak's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for the major federal program. However, our audit does not provide a legal determination of Amtrak's compliance.

Opinion on the Major Federal Program

In our opinion, Amtrak complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended September 30, 2017.

Other Matters

The results of our auditing procedures disclosed instances of noncompliance which are required to be reported in accordance with the Uniform Guidance, and which are described in the accompanying schedule of findings and questioned costs as item 2017-002 relating to equipment and real property management. Our opinion on the major federal program is not modified with respect to these matters.

Amtrak's responses to the non-compliance finding identified in our audit are described in the accompanying schedule of findings and questioned costs. Amtrak's responses were not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

Report on Internal Control Over Compliance

Management of Amtrak is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered Amtrak's internal control over compliance with the requirements that could have a direct and material effect on the major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for the major program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Amtrak's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, non-compliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance such that there is a reasonable possibility that material non-compliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we identified certain deficiencies in internal control over compliance, as described in the accompanying schedule of findings and questioned costs as item 2017-002 relating to equipment and real property management for CFDA No. 20.315 – National Railroad Passenger Corporation Grants that we consider to be a significant deficiency.

Amtrak’s responses to the internal control over compliance finding identified in our audit are described in the accompanying schedule of findings and questioned costs. Amtrak’s responses were not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the consolidated financial statements of Amtrak as of and for the year ended September 30, 2017, and have issued our report thereon dated January 26, 2018, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming opinions on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects in relation to the consolidated financial statements as a whole.



June 22, 2018

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Expenditures of Federal Awards

(In Thousands of Dollars)

Year Ended September 30, 2017

Federal Grantor/Program or Cluster Title	Federal CFDA No.	Total Federal Expenditures
U.S. Department of Transportation		
Direct awards:		
National Railroad Passenger Corporation Grants	20.315	\$ 1,553,835
ARRA – High-Speed Rail Corridors and Intercity Passenger Rail Service – Capital Assistance Grants	20.319	69,038
Railroad Safety Technology Grants	20.321	302
Fiscal Year 2013 Hurricane Sandy Disaster Relief Grants to the National Railroad Passenger Corporation	20.323	12,168
Total U.S. Department of Transportation		<u>1,635,343</u>
U.S. Department of Homeland Security		
Direct award:		
Rail and Transit Security Grant Program	97.075	4,754
Total U.S. Department of Homeland Security		<u>4,754</u>
U.S. Department of Justice		
Direct award:		
Equitable Sharing Program	16.922	837
Total U.S. Department of Justice		837
Total expenditures of federal awards		<u>\$ 1,640,934</u>

The accompanying notes are an integral part of this schedule.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Notes to Schedule of Expenditures of Federal Awards

Year Ended September 30, 2017

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) includes the federal award activity of the National Railroad Passenger Corporation and subsidiaries (Amtrak) under programs of the federal government for the year ended September 30, 2017. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of Amtrak, it is not intended to and does not present the financial position, change in net assets, or cash flows of Amtrak.

Amtrak's reporting entity is defined in Note 3, "Basis of Presentation and Summary of Significant Accounting Policies," in Amtrak's consolidated financial statements.

2. Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance and OMB Circular A-87, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

3. Indirect Cost Rate

Amtrak has elected not to use the 10% de minimis indirect cost rate allowed under the Uniform Guidance.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs

Year Ended September 30, 2017

Section I – Summary of Auditor’s Results

Financial Statements

Type of report the auditor issued on whether the audited financial statements were prepared in accordance with GAAP (*unmodified, qualified, adverse or disclaimer*):

Unmodified

Internal control over financial reporting:

Material weakness identified?

 Yes X **No**

Significant deficiencies identified?

 X **Yes** **None reported**

Noncompliance material to financial statements noted?

 Yes X **No**

Federal Awards

Internal control over major federal programs:

Material weakness identified?

 Yes X **No**

Significant deficiencies identified?

 X **Yes** **None reported**

Type of auditor’s report issued on compliance for major federal programs (*unmodified, qualified, adverse or disclaimer*):

Unmodified

Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?

 X **Yes** **No**

Identification of Major Federal Programs

CFDA Number	Name of Federal Program or Cluster
20.315	National Railroad Passenger Corporation Grants

Dollar threshold used to distinguish between Type A and Type B programs:

\$ 4,922,800

Auditee qualified as low-risk auditee?

 Yes X **No**

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

Section II – Financial Statement Findings

Finding FS 2017-001: Information Systems

Criteria

Access and change management controls are fundamental to the integrity of all information systems. Such controls, including appropriately designed and implemented preventive controls and monitoring controls for proper assessment and timely remediation, can help manage risks such as unauthorized access and changes to critical data and programs. These controls include logical access restrictions and review of privileged access activities throughout the information system processes to validate that the integrity of Amtrak’s information resources is not compromised.

Condition

As part of our fiscal year 2017 audit, we identified information technology general control deficiencies that when aggregated, result in a significant deficiency in the operation of information systems controls. Certain control deficiencies were recurring from the prior years.

Context

Appropriate consideration of the design of controls over user access is essential to provide a suitable framework for subsequent implementation and operation of the controls. An improved governance-based approach should result in strengthened control, monitoring, and oversight processes that will enhance the overall integrity of Amtrak’s information systems.

Effect

The significant deficiency impacted application controls and IT-dependent manual controls, including management review controls relying on electronic data across all classes of transactions that were significant to the financial reporting process.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

Cause

- Deficiencies were identified over the administration of privileged IT access (referred to as Superuser access) and the monitoring of privileged IT activities. The following critical elements of the periodic privileged IT activity review were not consistently and appropriately implemented:
 - The criteria used by some reviewers were not precise to detect unusual activities or activities that would require further follow-up or investigation.
 - Some reviewers did not have sufficient documentation to support the considerations made and the conclusions reached as part of the review.
- Lack of timely removal or de-provisioning of user access.
- Lack of consistent execution of the periodic logical user access reviews, and the retention of relevant documentation evidencing the completeness and accuracy of data used in the review, the completeness of the review itself, the timely resolution of identified discrepancies and the mitigation of risk.
- Lack of a comprehensive documentation to properly evaluate IT general controls for the financial reporting objectives.
- Inconsistency in executing control procedures to validate the completeness and accuracy of reports and other information produced to support the performance of the information technology general controls.

In the current fiscal year, Amtrak enhanced the design of controls to remediate the prior year control deficiencies and designed and implemented compensating monitoring controls to demonstrate risk mitigation. Amtrak will need to continue to demonstrate improvement and consistency in the execution and operations of such controls. Consistent execution and operation of Amtrak's IT general controls should result in strengthened control, monitoring and oversight processes that will enhance the overall integrity of Amtrak's information systems.

Identification as a Repeat Finding

This finding was identified as a repeat finding in the immediate prior year as Finding 2016-001.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

Recommendation

Improvements are necessary in the controls over monitoring of compliance with Amtrak's policies, including the prevention of and monitoring for inconsistencies in access rights allowing potential inappropriate system activity and the monitoring of privileged activity in key systems. Examples of oversight processes that should be improved include the following:

- Consistently execute the monitoring of privileged activity and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies, and the mitigation of associated risks.
- Follow relevant Amtrak policies related to the removal of user access and assignment of privileged access rights for all significant applications and supporting infrastructure.
- Consistently execute the periodic logical user access review process and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies, and the mitigation of associated risks.
- Enhance the IT control documentation, including risk assessment and identification of controls and financially relevant applications to improve the effectiveness of IT general controls.
- Review and document the validation of the completeness and accuracy of the data used in the execution of its controls and retain such documentation.

Views of Responsible Officials and Planned Corrective Actions

During the current fiscal year, Amtrak has made significant efforts to remediate control deficiencies which resulted in a material weakness in internal control over financial reporting in prior years. We are committed to action plans to strengthen our internal control environment and feel confident that the appropriate corrective measures have been identified and are in the process of being implemented to remediate the information technology general controls deficiencies that when aggregated, result in a significant deficiency in the operation of information systems controls.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

Section III – Federal Awards Findings and Questioned Costs

Finding 2017-002: Equipment and Real Property Management (Repeat Finding 2016-002)

**Program Name: National Railroad Passenger Corporation Grants
CFDA No. 20.315**

**Federal Award No.: FR-AMT-0011-17
FR-AMT-0012-17
FR-AMT-0008-16
FR-AMT-0005-15**

Federal Agency: U.S. Department of Transportation

Criteria

The code of federal regulations – 2 CFR sections 200.313 Equipment require that:

1. Equipment, including replacement equipment, be used in the program or project for which it was acquired as long as needed, whether the project or program continues to be supported by the federal award or, when appropriate, under other federal awards; however, the non-federal entity must not encumber the equipment without prior approval of the federal awarding agency (2 CFR sections 200.313(c) and (e)).
2. Property records must be maintained that include a description of the property, a serial number or other identification number, the source of funding for the property (including the federal award identification number), who holds title, the acquisition date, cost of the property, percentage of federal participation in the project costs for the federal award under which the property was acquired, the location, use and condition of the property, and any ultimate disposition data, including the date of disposal and sales price of the property (2 CFR section 200.313(d)(1)).
3. A physical inventory of the property must be taken and the results reconciled with the property records at least once every two years (2 CFR section 200.313(d)(2)).
4. A control system must be developed to ensure adequate safeguards to prevent loss, damage, or theft of the property. Any loss, damage, or theft must be investigated (2 CFR section 200.313(d)(3)).

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

5. Adequate maintenance procedures must be developed to keep the property in good condition (2 CFR section 200.313(d)(4)).

Condition

The following exceptions to the criteria were observed during the performance of the audit procedures:

1. For two of the equipment samples reviewed, it was observed that the asset number and/or the serial number on the selected asset at the physical location could not be matched against the asset number and/or the serial number indicated in the accounting records or the accounting records did not contain a unique identifier.
2. It was also observed that for fifteen of the sampled equipment assets, the Condition data or Location field in the asset records was blank. We understand that was due to the assets records not being updated in a timely manner with the actual status of the equipment in the field.
3. During our procedures performed for five assets, we have identified that no inventory had occurred for an asset even though it had been a placed in service over two years prior and would have required an inventory prior to our observation. As this came to our attention after the inventory was required and during our observations procedures, we investigated further and could not obtain alternative evidence to support that an inventory had occurred within the two-year period.
4. For three assets observed, it was noted that the actual physical location of the asset did not match the information in the listing provided under the Location data field in the asset records.

Questioned Costs

None.

Context

We selected 60 equipment items for internal control and compliance testing of the above attributes. Exceptions as described in the Condition section above were noted for matter 2 and 3 in the criteria section above, indicating that internal controls were not functioning as designed. No exceptions were noted for matters 1, 4, or 5 in the criteria section above.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

Effect

Amtrak's procedures in place were not adequately followed to ensure assets purchased with federal funds were accurately identified.

Cause

The nature of much of Amtrak's equipment is composed of moving assets that are on the tracks and operating up and down the corridors or around the yards or moving from location to location in a geographical region to achieve daily operational objectives. Furthermore, Amtrak resources are deployed such that managers and supervisors oversee geographical regions and equipment that is located throughout various routes that often connect through multiple states with many unmanned and less traveled stations. Asset locations, including changes on short notice for where the asset will be used, and frequent inspections occur in order to keep the equipment operating safely; however, the system of record is not always updated or updated in a timely manner to reflect the location and condition of the asset in the records.

In reviewing management's controls, the key controls identified by management are not designed such that consistent and timely proactive monitoring and/or review occurs to ensure that an inventory occurs no less than once every two years. There is an identified control that stipulates "Capital Accounting staff contact personnel in each department to obtain updated information pertaining to the observation of every two year inventory process." This control as designed is not preventive and may not identify the non-compliance risk until after non-compliance occurs.

For the instances where the unique identifier did not match the asset records, this was caused by a clerical/human error in recording the asset details in the system.

Identification as a Repeat Finding

This finding was identified as a repeat finding in the immediate prior year as Finding 2016-002.

National Railroad Passenger Corporation and Subsidiaries (Amtrak)

Schedule of Findings and Questioned Costs (continued)

Year Ended September 30, 2017

Recommendation

We recommend that Amtrak continue to work toward a full integration or reconciliation between PowerPlan and the different equipment-tracking systems. We recommend that management consider redesigning one of its key controls to help ensure that the monitoring of the observations are occurring on a preventive basis to help identify any exposure to non-compliance before it occurs. In the interim, until such processes are fully implemented, Amtrak should enhance the current control procedures surrounding the asset documentation and ensure that field personnel are aware of and consistently and carefully update the asset records such that clerical/human errors are minimized and that the asset records contain the necessary asset details in order to properly track equipment by federal requirements.

Views of Responsible Officials and Planned Corrective Actions

Amtrak implemented the following corrective action plans to address the root causes of the noted conditions in the single audit report and the related recommendation: Amtrak has established processes to monitor and verify the completeness and accuracy of the existing reconciliation process of property management records to the source systems used by various departments. Amtrak is also developing augmented communication to key individuals in the process to reinforce the need to maintain proper records. In addition, Amtrak is working to identify possible new controls or improvements to existing controls that would address the causes for the control deficiencies identified in the equipment finding. The specific action plans are described in more detail in the separately issued Amtrak Corrective Action Plan.

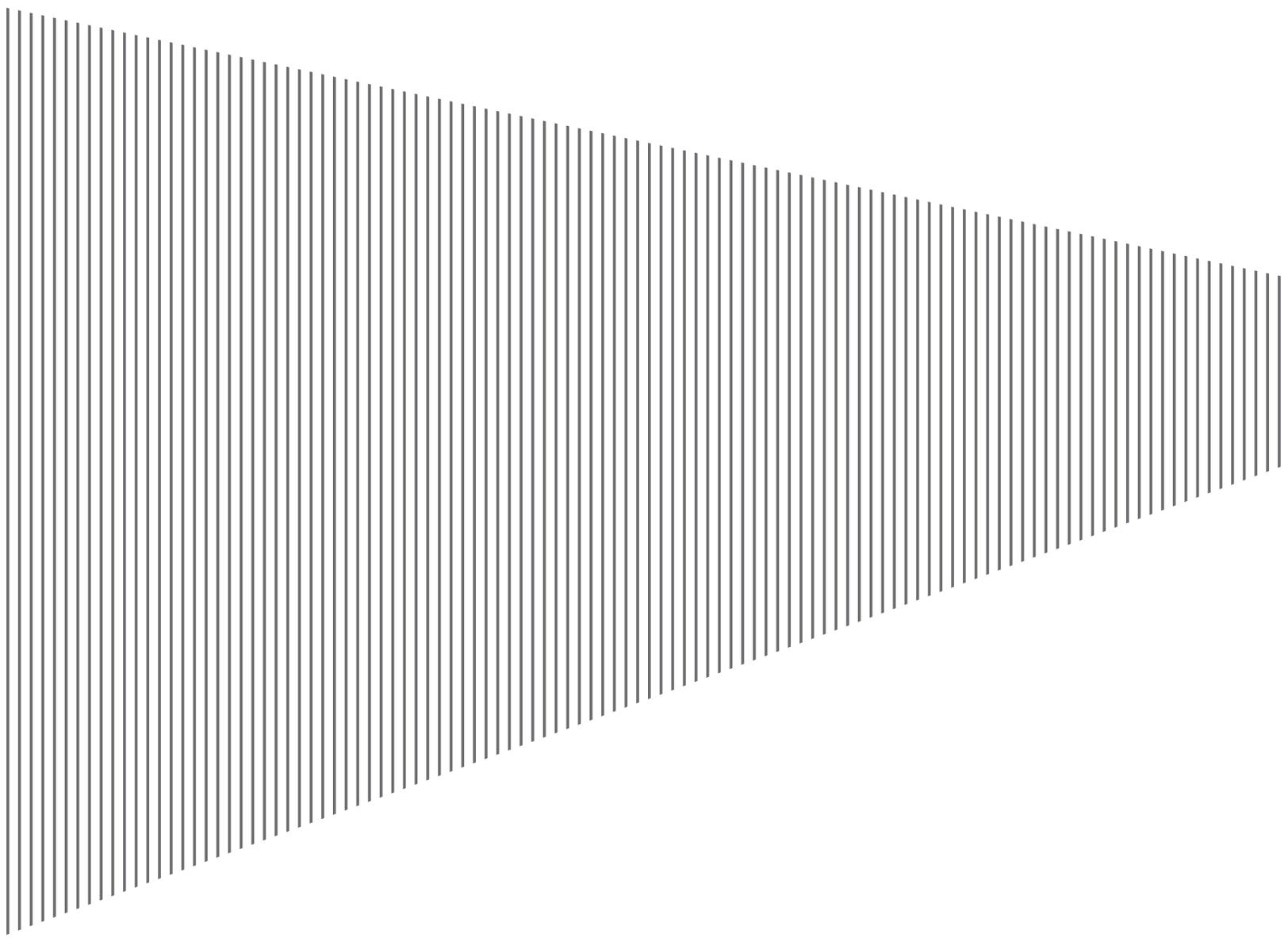
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Summary Schedule of Prior Audit Findings

Year Ended September 30, 2017

Finding Number: 2016-01

Program CFDA Number: N/A

Program Name: Financial Statement Finding

Type of Finding: Information Technology general control deficiencies – access and change management controls

Current Status: This is not corrected. This finding was repeated as current year finding 2017-001.

During the current fiscal year, Amtrak made significant efforts to remediate control deficiencies which resulted in a material weakness in internal control over financial reporting in prior years. We are committed to action plans to strengthen our internal control environment and feel confident that the appropriate corrective measures have been identified and are in the process of being implemented to remediate the information technology general control deficiencies that when aggregated, resulted in a significant deficiency in the operation of information systems controls. This has been a recurring issue since FY2014.

Process	Nature of Comment	Type of Comment in Fiscal Year 2016	Current Year Status
Information Systems	Information technology general controls that when aggregated result in a material weakness in the design and operation of the information systems controls.	Material weakness	Significant Deficiency for Information Systems – during fiscal year 2017, the Company enhanced the design of controls and designed and implemented compensating controls to demonstrate risk mitigation associated with certain information technology general controls that were not operating throughout the fiscal year.

Finding Numbers: 2016-002
Program CFDA Number: 20.315
Program Name: National Railroad Passenger Corporation Grants
Type of Finding: Equipment and Real Property Management: Lack of proper procedures to track and safeguard federally funded equipment
Current Status: This is not corrected. This finding was repeated as current year finding 2017-002.

The issues related to tracking of equipment status and the need to reduce errors in recorded serial numbers is applicable broadly throughout the organization. Given the human error associated with the inventory process and the discrepancy in multiple systems, this has been a recurring issue since FY2012.

With respect to the corrective action taken and planned, Amtrak has started a process to send annual reminder notices from senior management to key individuals to remind them of the existing controls and is developing other controls to strengthen this process.



Subject: Corrective Actions for FY 2017 Single Audit Findings

This memorandum provides Amtrak's response to the corrective actions taken to address the findings contained in Amtrak's single audit report for the fiscal year ended September 30, 2017. The single audit report includes two findings which are discussed below.

Finding FS 2017-001 – Information Systems

The single audit report included the following recommendation:

Improvements are necessary in the controls over monitoring of compliance with Amtrak's policies, including the prevention of and monitoring for inconsistencies in access rights allowing potential inappropriate system activity and the monitoring of privileged activity in key systems. Examples of oversight processes that should be improved include the following:

- *Consistently execute the monitoring of privileged activity and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies, and the mitigation of associated risks.*
- *Follow relevant Amtrak policies related to the removal of user access and assignment of privileged access rights for all significant applications and supporting infrastructure.*
- *Consistently execute the periodic logical user access review process and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies, and the mitigation of associated risks.*
- *Enhance the IT control documentation, including risk assessment and identification of controls and financially relevant applications to improve the effectiveness of IT general controls.*
- *Review and document the validation of the completeness and accuracy of the data used in the execution of its controls and retain such documentation.*

Identification as a repeat finding:

This finding was identified as a repeat finding in the immediate prior year as Finding 2016-001 and was reported initially in the FY 2014 Single Audit Report.

Management Response/Status of Action Plans:

Amtrak made significant efforts to remediate control deficiencies which resulted in a material weakness in internal control over financial reporting in prior years. We are committed to action plans to strengthen our internal control environment and feel confident that the appropriate corrective measures have been identified and are in the process of being implemented to remediate the information technology general control deficiencies that when aggregated, resulted in a significant deficiency in the operation of information systems controls in fiscal year 2017.

To date, a large number of the deficiencies noted in fiscal year 2017 have been remediated by Amtrak and corrective action measures are in the process of being implemented to address the remaining deficiencies.

The status of each action plan to the following recommendations is as follows:

- *Consistently execute the monitoring of privileged activity and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies, and the mitigation of associated risks.*

Amtrak management has reassessed the manner in which we use the SAP governance, risk and compliance (GRC) software tool to monitor and log the use of Firefighter IDs whereby FF ID activity is captured in real-time and the activity logged is required to be reviewed within two business days.

- *Follow relevant Amtrak policies related to the removal of user access and assignment of privileged access rights for all significant applications and supporting infrastructure.*

Amtrak management has recommunicated to its employees the importance of timely off-boarding and continues to strengthen the manner in which employee separations are reported and processed for the purpose of de-provisioning user accounts assigned to terminated employees.

- *Consistently execute the periodic logical user access review process and the retention of relevant documentation, the completeness of the review itself, the timely resolution of identified discrepancies, and the mitigation of associated risks.*

Amtrak management conducted user access review (UAR) training to reeducate employees on the manner in which quarterly UAR's are to be performed to ensure that all user accounts with access to significant applications and supporting infrastructure belong to active and

valid employees and the access privileges assigned are commensurate with the employees' job duties.

- *Enhance the IT control documentation, including risk assessment and identification of controls and financially relevant applications to improve the effectiveness of IT general controls.*

Amtrak management has adopted the COSO framework to assist with the design, implementation and maintenance of internal controls over financial reporting. Currently, management is in the process of identifying the IT related risks that threaten the achievement of Amtrak's financial reporting objectives which will then lead to the identification of the relevant information technology general controls (ITGCs) which mitigate such risks; in addition to COSO, other suitable frameworks (e.g. COBIT, NIST, etc.) may be used to assist management with the identification and maintained of an effective information technology control structure to support the achievement of our financial reporting objectives. Furthermore, risk and control matrices (RCMs) are being prepared and will be maintained to document the ITGC's supporting the financial statement audit and a formal monitoring program will be established to provide ongoing evaluations to test the operating effectiveness of key ITGCs.

- *Review and document the validation of the completeness and accuracy of the data used in the execution of its controls and retain such documentation.*

Amtrak management has established formal procedures addressing how system reports and supporting artifacts are to be assessed and maintained to provide reasonable assurance that data extracted from IT applications and used by Amtrak is accurate and complete.

We take all issues that may weaken our control environment very seriously. Therefore, we will continue to seek out improvement opportunities and prioritize ongoing remedial efforts to strengthen the design and effectiveness of IT general controls.

The contact for these items is Ghazal Parsa, the Senior Director Information Technology. We anticipate this finding will be fully remediated by November 2018.

Finding 2017-002 – Equipment and Real Property Management

The single audit report included the following recommendation:

We recommend that Amtrak continue to work toward a full integration or reconciliation between PowerPlan and the different equipment-tracking systems. We recommend that management consider redesigning one of its key controls to help ensure that the monitoring of the observations are occurring on a preventive basis to help identify any exposure to non-compliance before it occurs. In the interim, until such processes are fully implemented, Amtrak should enhance the

current control procedures surrounding the asset documentation and ensure that field personnel are aware of and consistently and carefully update the asset records such that clerical/human errors are minimized and that the asset records contain the necessary asset details in order to properly track equipment by federal requirements.

Identification as a repeat finding:

This finding was identified as a repeat finding in the immediate prior year as Finding 2016-002 and was reported initially in the FY 2012 Single Audit Report.

Management Response/Status of Action Plans:

Amtrak agrees with the recommendation to redesign key controls to help ensure that the monitoring of the observations happens on a preventive basis to help identify any exposure to non-compliance before it occurs. Amtrak will pursue new or upgraded inventory systems and processes. Until such systems and processes are fully implemented, Amtrak will enhance current control procedures for asset documentation and communicate policies and processes to field personnel to ensure they consistently and carefully update the asset records such that clerical/human errors are minimized and that the asset records contain the necessary asset details in order to properly track equipment per federal requirements. These solutions will take some time to implement and Amtrak has targeted to complete these changes by the end of FY2020.

Until such automated solutions are available, Amtrak implemented the following corrective action plans to address the root causes of the noted conditions in the single audit report and the related recommendation. The status of each action plan is explained after the description of each action plan:

1. Amtrak is in the process of reviewing controls to be implemented to strengthen the existing process of monitoring and verifying the completeness and accuracy of the existing reconciliation process, to ensure that the property records in PowerPlan (PP) are in agreement with the source systems used by the various departments (Maximo and WMS).
 - Management has prepared a detailed process document which contains the process for managing the reconciliation of the property records in PP to the source systems used by various operating departments.
 - PP is the primary source system used to generate the list of all equipment that meets the CFR requirements (e.g., purchased with Federal funds, cost in excess of \$5,000 per unit, and deemed to meet the criteria / definition of equipment). The Lead Financial Analyst exports all equipment data from PP into an Excel spreadsheet and manually determines the eligibility of the equipment. This determination is subsequently reviewed by the Senior Manager, Capital Accounting and Assistant Controller, Capital & Inventory Accounting.

- Once the initial equipment list is compiled, it is compared to the equipment data housed in the department's source system (e.g., unit number, serial number, model number, etc.) to verify the completeness and accuracy of the information in PP. If there are any discrepancies between what is contained in PP and what is noted in the source system, or if there is any missing property record information, the Lead Financial Analyst ensures that they are researched and addressed with the respective department and incorporated in the Equipment Spreadsheet.
 - The spreadsheet is updated periodically by the Lead Financial Analyst to incorporate newly acquired or disposed equipment, and is then reviewed by the Senior Manager, Capital Accounting and Assistant Controller, Capital & Inventory Accounting to ensure that the information included in the spreadsheet is accurate. Management within the Capital Accounting function periodically sends emails to the operating departments notifying them when equipment is out of compliance on the inventory date or if any descriptive information was missing from the asset record.
2. Amtrak will continue to stress the importance of controls to ensure the completeness, accuracy and existence of equipment records in communications with the applicable departmental personnel.
- In addition to the periodic communication Capital Accounting sends to the operating departments, management within Finance will communicate periodically with the operating departments regarding the importance of maintaining current inventory and equipment records. Most recently, Capital Accounting sent out emails to respective departments in March 2017. The emails contained an attachment of all equipment out of compliance with inventory requirements for purposes.
 - On an annual basis, the Controller will send out an email communication to Operations management for distribution to Department Equipment Managers. The email will stress the importance of compliance with 49 CFR Part 18.32(d) and internal policies. The email communication will be sent during June each calendar year.
 - Beginning October 1, 2017, the individuals performing station audits bring with them a briefcase computer to update equipment records at the station with Maximo. This computer contains a scanner and camera and enables the team to update inventory items in Maximo with these tools. The station audits cover 50 percent of the stations each year and their work includes revenue and other operating aspects of the stations that are not part of the equipment finding

addressed here. The coverage of the stations will permit Amtrak to have every station reviewed in a 2-year cycle.

3. Amtrak will identify, understand and resolve any control weaknesses that may prevent our achievement of our objective to ensure that equipment records are complete and accurate.
 - Management developed a working group to discuss the development of systems that will resolve the integration issues. These meetings have included the participation of representatives of Amtrak Capital Accounting, Operations, Finance and Amtrak Controls. This group last met in July 2017. Meetings were suspended with the restructuring and will resume later in 2018 with new participants.

Management realizes it will take time to develop and implement controls necessary to reduce errors on the front end. In the meantime, management will implement additional back-end, detective controls to increase the likelihood of early detection of non-compliance.

The contacts for this item are David Crowther, VP Financial Planning and Analysis and Carol Hanna, VP Controller. We anticipate due to the complexity of the issue identified that it will be fully remediated by September 2020.