## Transportation Electrification

AECOM's Role in Decarbonizing Transportation

August 2021

Delivering a better world

## **Disclosures**

#### **Forward-Looking Statements**

All statements in this communication other than statements of historical fact are "forward-looking statements" for purposes of federal and state securities laws, including any statements of the plans, strategies and objectives for future operations, profitability, strategic value creation, coronavirus impacts, risk profile and investment strategies, and any statements regarding future economic conditions or performance, and the expected financial and operational results of AECOM. Although we believe that the expectations reflected in our forward-looking statements, or industry results to differ materially from estimates or projections contained in our forward-looking statements include, but are not limited to, the following: our business is cyclical and vulnerable to economic downturns and client spending reductions; impacts caused by the coronavirus and the related economic instability and market volatility, including the reaction of governments to the coronavirus, including any prolonged period of travel, commercial or other similar restrictions, the delay in commencement, or temporary or permanent halting of construction, infrastructure or other projects, requirements that we remove our employees or personnel from the field for their protection, and delays or reductions in planned initiatives by our governmental or comply with laws or regulations applicable to our busines; limited control over operations run through our joint venture entities; liability for misconduct by our employees or consultants; failure to comply with laws or regulations applicable to our busines; mantaging and encultain and guarantees; exposure to Brexit; exposure to political and economic risks in different countries; currency exchange rate fluctuations; retaining and carcellations related to our backlog; partners and third parties who may fail to satisfy their legal obligations; AECOM Capital real estate development projects; managing pension cost; cybersecurity issues, IT outages and data privacy; that certain contingent purchase pr

#### **Non-GAAP Financial Information**

This communication contains financial information calculated other than in accordance with U.S. generally accepted accounting principles ("GAAP"). The Company believes that non-GAAP financial measures such as adjusted EPS, adjusted EBITDA, adjusted net/operating income, adjusted tax rate, net service revenue and free cash flow provide a meaningful perspective on its business results as the Company utilizes this information to evaluate and manage the business. We use adjusted EBITDA, adjusted EPS, adjusted net/operating income and adjusted tax rate to exclude the impact of non-operating items, such as amortization expense, taxes and non-core operating losses to aid investors in better understanding our core performance results. We use free cash flow to represent the cash generated after capital expenditures to maintain our business. We present net service revenue to exclude subcontractor costs from revenue to provide investors with a better understanding of our operational performance. We present segment adjusted operating margin to reflect segment operating performance of our Americas and International segments, excluding AECOM Capital.

Our non-GAAP disclosure has limitations as an analytical tool, should not be viewed as a substitute for financial information determined in accordance with GAAP, and should not be considered in isolation or as a substitute for analysis of our results as reported under GAAP, nor is it necessarily comparable to non-GAAP performance measures that may be presented by other companies. A reconciliation of these non-GAAP measures is found in the Regulation G Information tables at the back of this communication.



## We are the world's trusted infrastructure consulting firm

## Launched new strategy Think & Act Globally to capture inherent competitive advantages:

- Unrivalled technical expertise and scale
- Established history of delivering on our clients' most complex projects
- Proven agility to perform through periods of uncertainty
- Substantial backlog and visibility
- ✓ Highly cash generative business model

#### Evolving our strategy to capitalize on our strengths:

- Broadening our focus to advise on strategy and program management to drive efficiency in the future of design
- Partnering with our clients beyond advisory and program management to deliver our core design, engineering and other professional
- Investing in growth through our improved margins

#### **Unparalleled technical expertise:**



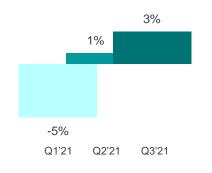
Source: 2020 and 2021 ENR Rankings, reflecting global revenue.



## **Key Performance Highlights**

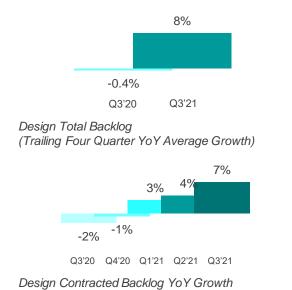
Accelerating NSR Growth

NSR in our Design business increased by 3%, including growth in the Americas design business



2 Positively Inflecting Backlog

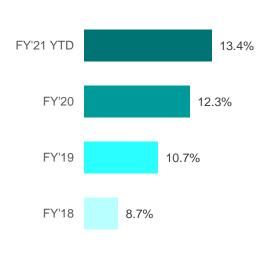
Backlog in our design business increased by 8%, including 7% growth in contracted backlog



Design NSR<sup>1</sup> YoY Growth

3 Continued Margin Expansion

Delivered record margins across Professional Services and in both of our segments, while investing in growth and innovation



Segment<sup>2</sup> Adjusted<sup>3</sup> Operating Margin

Double-Digit Earnings Growth

Both adjusted EBITDA and adjusted EPS increased by double digits over the prior year

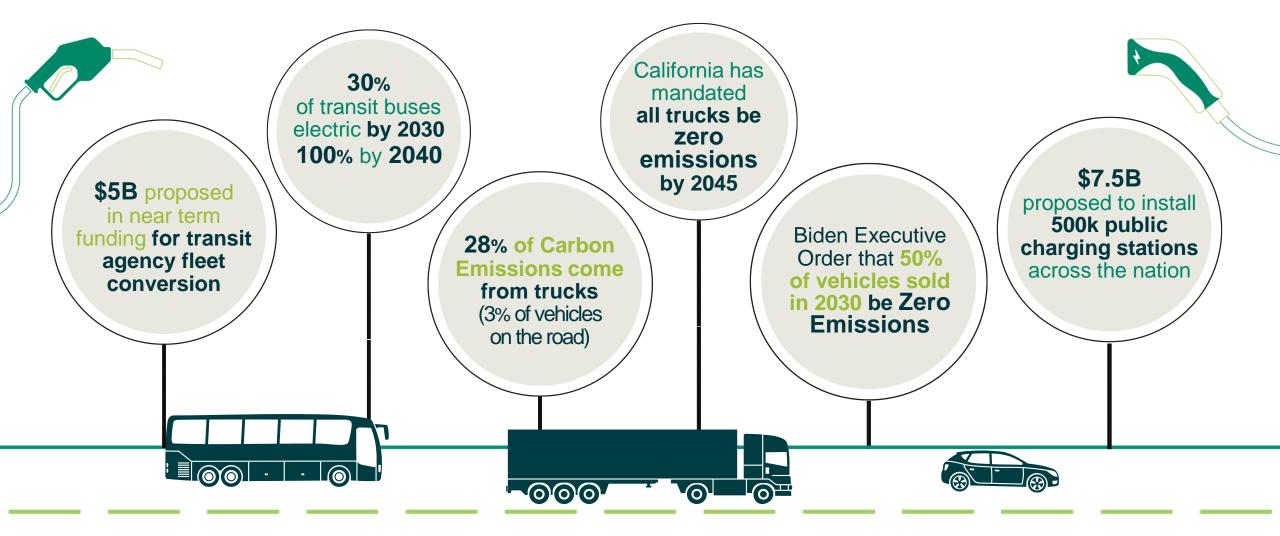
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Fully Diluted Shares Outstanding (millions)



## **The Transportation Electrification Journey Ahead**





## Why Electrification, Why AECOM?



## Alignment with AECOM's Sustainable Legacies strategy

- Supporting how our clients reduce their carbon footprint
- Shifting AECOM vehicles to zero emissions



Transportation and Energy Infrastructure Nexus

- Unique capabilities in both transportation and energy infrastructure
- Able to leverage experience with renewables, distributed energy resources



AECOM's Client Focused Approach

- Coordinating across silos and boundaries to help meet decarbonization goals
- Working with various stakeholders to drive infrastructure efficiencies

## Embedding ESG in All Aspects of AECOM



## The Future Vision of Zero Emissions Transportation

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#### TRANSIT AGENCY FLEET CONVERSION AND INFRASTRUCTURE

- ► Transit Fleet Conversion
- Bus Charging Facility Retrofits
- ► Expansion to other public fleets

### ENERGY GRID MODERNIZATION AND INFRASTRUCTURE DEVELOPMENT

 Modernized grid that can support the quickly accelerating demand for energy
Innovative solutions like distributed energy resources that can advance both transportation and energy infrastructure

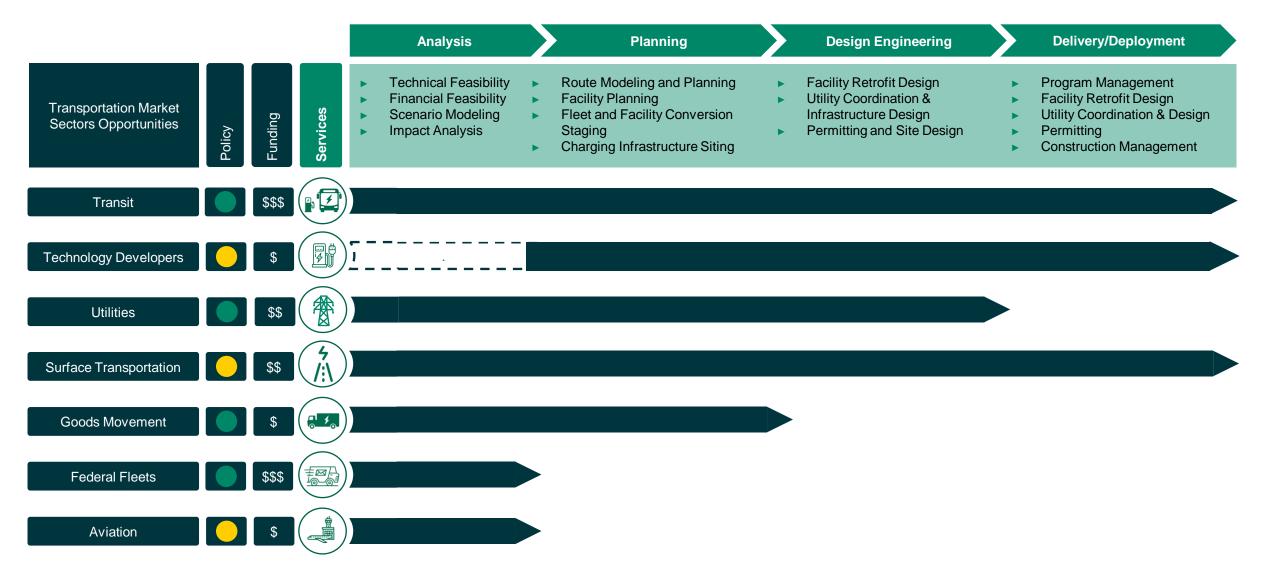
#### PUBLIC AND PRIVATE FLEET CONVERSION AND INFRASTRUCTURE

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- Equitable deployment of public charging infrastructure
- Infrastructure support for technology companies
- City support for interoperable charging networks

AECOM positioned to deliver to all aspects of the ecosystem

## **AECOM's Role in Transportation Electrification**





## **AECOM's Experience Today with Transportation Electrification**

### **AECOM's Comprehensive Experience with Transportation Electrification:**

- National Organizations, Transit Operators, States, and Utilities
- From feasibility planning to infrastructure deployments
- Vehicle, charging infrastructure, and energy infrastructure focused



#### NATIONAL ORGANIZATIONS

#### American Public Transportation Association (APTA) Bus Specification Update

- Updated federal specification to include battery electric buses
- Specification leveraged by agencies across the nation as a starting point for battery electric bus procurement



#### STATES & MPOs

#### State of Vermont Agency of Transportation Transit Electrification

- Developing framework to guide 7 transit agencies approach at decarbonization
- Encourages and promotes statewide interoperability, resilience, and collaboration



#### TRANSIT FLEET OPERATORS

Los Angeles Department of Transportation Bus Facility Electrification

- Retrofit of 5 transit facilities to support growing electric fleet
- Develop scalable strategies to accelerate charging infrastructure availability



#### UTILITIES

#### NYPA Terminal 5 JetBlue EV Charging Infrastructure

 Utility focused approach to support and accelerate EV adoption





## **AECOM's Role in Accelerating the Industry**

#### Thought Leadership



#### **Technology Development**



#### **Expanded Capabilities & Services**

## ev•readI™





## **EV-Readi**

## ev•readı™

#### Our proprietary electrification modeling tool.

#### Meet EV-Readi™

EV-Readi<sup>™</sup> is an AECOM-developed electrification modeling tool that supports transportation electrification related efforts for utilities, cities, transit agencies, and others seeking to understand and quantify impacts of increased electrification on their infrastructure investments, planning, capital projects, and operations. It features capabilities for existing EV conditions, EV adoption forecasting, EV charger infrastructure siting, and grid impacts as a result of electrification.

EV-Readi<sup>™</sup> allows users to input their localized priorities in the technical analysis in order to produce a customized output. The process is streamlined, automated, and can be easily updated to reflect new opportunities and priorities. Users බිදු Utilities AECOM

Municipalities

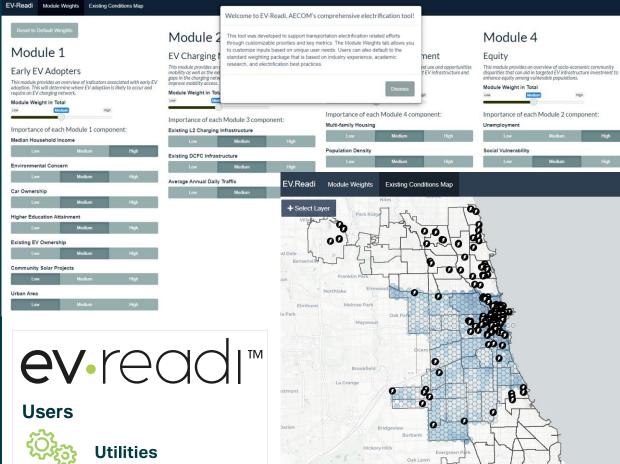
Governments

#### Model Considerations

- Early EV adopters
- State of the current EV charging
- Land use and environment
- Equity considerations

#### Outputs

- Maps integrating algorithm & data outputs
- Priority locations for EV charging infrastructure installation
- Areas of grid impact based on EV charging infrastructure installation



© Existing EV Station

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#### Municipalities



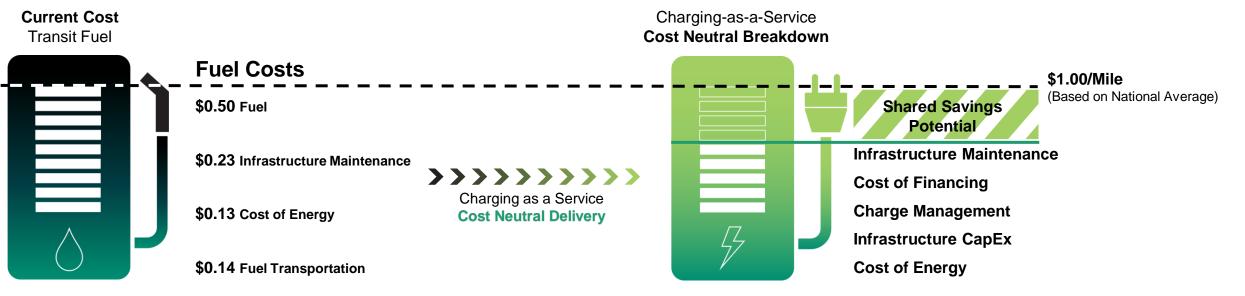


## Charging as a Service

How Charging-as-a-Service (CaaS) Can Deliver a Cost Neutral Electrification Demonstration Project\* 3B

At scale, managing the charging of vehicles around their duty cycles takes concerted effort and is not a trivial task. Fleet managers should expect to prepare detailed operational plans for building charging infrastructure and managing charging, or consider outsourcing this to "charging-as-a-service" providers.

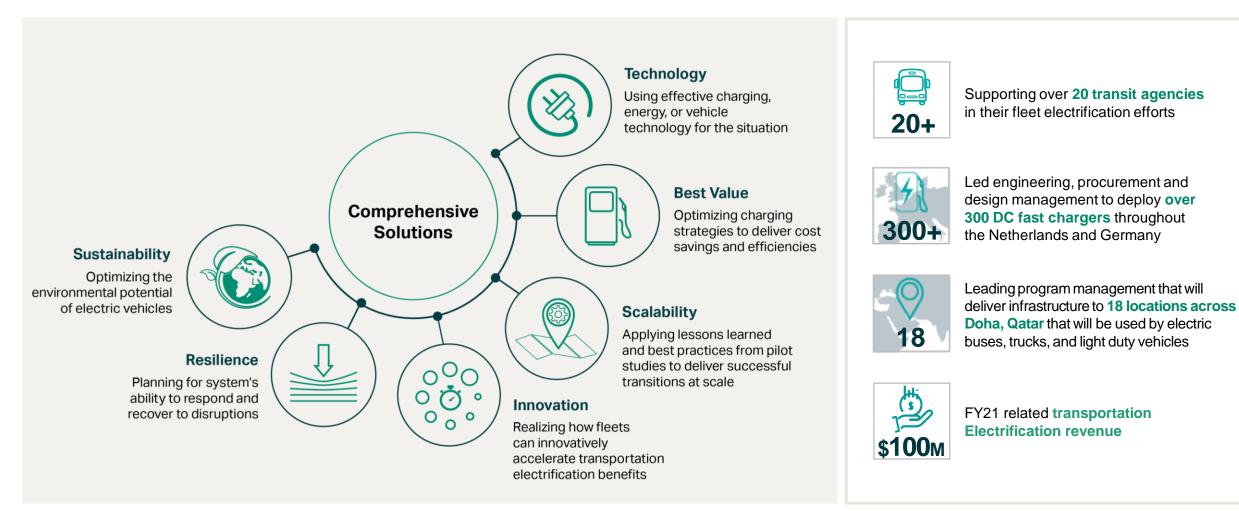
-Rocky Mountain Institute



- Predictable Energy Costs
- Facility and Infrastructure Capital Costs Included
- Charge Management for Infrastructure availability guarantee
- Infrastructure Maintenance
- Accelerated Bus Maintenance Savings



## **AECOM's Future Focused Solutions**







## Thank you.

### **Andrew Bui**

Vice President, Transportation Electrification

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### **Footnotes**

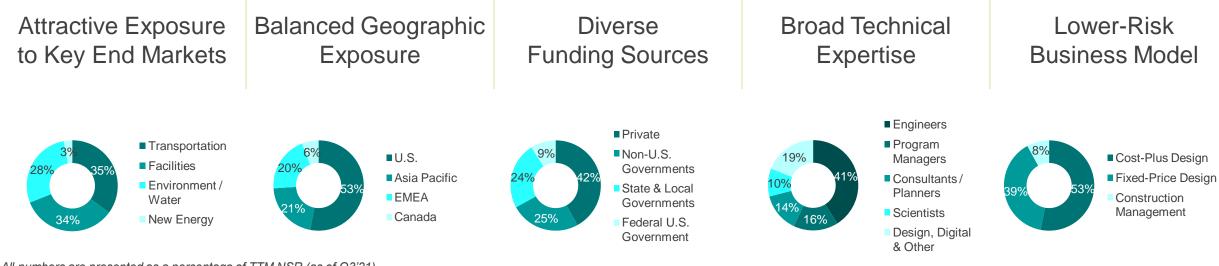
<sup>1</sup> Revenue, less pass-through revenue.

<sup>2</sup> Reflects segment operating performance, excluding AECOM Capital.

<sup>3</sup> Excludes the impact of non-operating items, such as non-core operating losses and transaction-related expenses, restructuring costs and other items. See Regulation G Information for a reconciliation of Non-GAAP measures.



## As a Professional Services Business, AECOM Is Poised to Thrive



All numbers are presented as a percentage of TTM NSR (as of Q3'21)



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Focused on our core higher-returning and lower-risk businesses

Leader in key transportation, water and environment markets and ideally positioned advise clients on their ESG priorities



Strengthened financial profile with transformed balance sheet and returning capital to shareholders





## **AECOM:** The World's Trusted Infrastructure Consulting Firm

We deliver professional services throughout the project lifecycle – from planning, design and engineering to program and construction management.

Across the globe, we partner with our clients in the public and private sectors to solve their most complex challenges and pioneer innovative solutions.













AECOM

Fortune World's Most Admired 7 years in a row, including #1 in our industry in 2021

ranked transportation and facilities design and environmental engineering firm









## **Regulation G Information**

#### Reconciliation of Revenue to Net Service Revenue (NSR)

	Three Months Ended				
	Jun 30, 2020	Mar 31, 2021	Jun 30, 2021		
Americas		<b>A A A A A A</b>			
Revenue	\$ 2,471.6	\$ 2,468.3	\$ 2,618.5		
Less: Pass-through revenue	1,548.6	1,544.7	1,728.0		
Net service revenue	<u>\$ 923.0</u>	<u>\$ 923.6</u>	\$ 890.5		
International					
Revenue	\$ 717.9	\$ 796.5	\$ 789.3		
Less: Pass-through revenue	128.4	151.8	156.4		
Net service revenue	\$ 589.5	\$ 644.7	\$ 632.9		
Segment Performance (excludes ACAP)	•		• • • • • •		
Revenue	\$ 3,189.5	\$ 3,264.8	\$ 3,407.8		
Less: Pass-through revenue	1,677.0	1,696.5	1,884.4		
Net service revenue	<u>\$ 1,512.5</u>	\$ 1,568.3	<u>\$ 1,523.4</u>		
Consolidated					
Revenue	\$ 3,189.7	\$ 3,265.5	\$ 3,408.4		
Less: Pass-through revenue	1,677.0	1,696.5	1,884.4		
Net service revenue	\$ 1,512.7	\$ 1,569.0	\$ 1,524.0		
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		Three Months Ended					
	Jun 30, 2020		Mar 31, 2021		Jun 30, 2021		
Reconciliation of Segment Income from Operations to Adjusted Incor	ne from Op	erations					
Americas Segment:							
Income from operations	\$	160.8	\$	154.7	\$	163.8	
Amortization of intangible assets		4.5		4.4		4.3	
Adjusted income from operations	\$	165.3	\$	159.1	\$	168.1	
International Segment:							
Income from operations	\$	32.3	\$	45.8	\$	45.5	
Non-core operating losses & transaction related expenses		-		-		-	
Amortization of intangible assets		1.4		1.0		0.9	
Adjusted income from operations	\$	33.7	\$	46.8	\$	46.4	
Segment Performance (excludes ACAP):							
Income from operations	\$	193.1	\$	200.5	\$	209.3	
Non-core operating losses & transaction related expenses		-		-		-	
Amortization of intangible assets		5.9		5.4		5.2	
Adjusted income from operations	\$	199.0	\$	205.9	\$	214.5	



## **Regulation G Information**

		Three Months Ended					
		Jun 30, 2020	_	Mar 31, 2021	J	lun 30, 2021	
Reconciliation of Net Income Attributable to AECOM from	n Co	ntinuing	Ор	erations to	EBI	TDA to	Adjusted EBITDA and to
Adjusted Income from Operations							
Net income attributable to AECOM	\$	91.1	\$	88.3	\$	27.9	
Income tax (benefit) expense		(7.2)		35.1		(17.8)	
Depreciation and amortization <sup>1</sup>		51.3		41.1		49.5	
Interest income <sup>2</sup>		(2.6)		(1.2)		(2.2)	
Interest expense		34.9		32.8		149.0	
Amortized bank fees included in interest expense		(1.3)		(2.6)		(5.8)	
EBITDA	\$	166.2	\$	193.5	\$	200.6	-
Non-core operating losses & transaction related expense	s	-		-		-	
Restructuring costs		20.3		8.8		13.0	
Adjusted EBITDA	\$	186.5	\$	202.3	\$	213.6	-
Other income		(3.2)		(3.4)		(4.5)	
Depreciation <sup>1</sup>		(32.8)		(33.3)		(38.6)	
Interest income <sup>2</sup>		<b>2</b> .6		<u></u> 1.2		<u></u> 2.2	
Noncontrolling interests in income of consolidated							
subsidiaries, net of tax		3.1		4.8		5.9	
Amortization of intangible assets included in NCI,							
net of tax		0.1		0.2		0.1	
Adjusted income from operations	\$	156.3	\$	171.8	\$	178.7	

<sup>1</sup> Excludes depreciation from discontinued operations, non-core operating losses, and accelerated depreciation of project management tool; <sup>2</sup> Included in other income

#### FY2021 GAAP EPS Guidance based on Adjusted EPS Guidance

(all figures approximate)	Fiscal Year End 2021
GAAP EPS Guidance	\$2.00 to \$2.05
Adjusted EPS excludes:	
Amortization of intangible assets	\$0.13
Amortization of deferred financing fees	\$0.08
Prepayment premium on redemption of unsecured notes	\$0.79
Restructuring	\$0.27 to \$0.33
Tax effect of the above items	(\$0.35) to (\$0.37)
UK tax valuation benefit	(\$0.17)
Adjusted EPS Guidance	\$2.75 to \$2.85
* Calculated based on the mid-point of AECOM's fiscal year 2021 EPS guidance Note: Variances in tables are due to rounding.	

