Aviation and Transportation Projects
At Arora Engineers, we believe infrastructure needs to do far more than provide a seamless, safe, sustainable, and comfortable environment. Our goal is to maximize its role, impact, and value through highly intelligent solutions that not only meet operational needs, but forward business objectives.

We meet the evolving needs of the world’s most critical industries – aviation, transportation, and education – through more intelligent, sustainable, and connected infrastructure solutions that maximize value for our clients and partners.
COMPANY OVERVIEW

SMARTER INFRASTRUCTURE MAXIMIZES VALUE
EXPERTISE

Throughout our 30-plus year history, we have held ourselves to rethinking the role of the traditional MEP firm. As a result, we’ve evolved our capabilities to emphasize the technology and processes that connect systems infrastructure, improve operations and longevity, and make life safer and easier for those who use it.

Arora specializes in providing engineering services tailored for clients in aviation, transportation, education, government, and commercial sectors and has developed a unique understanding of the challenges and opportunities facing these critical industries.
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Arora takes a **holistic approach** to its national engineering practice serving clients at every stage of the project life cycle. During the planning and design phases our engineers provide **expert insights** based on **decades of experience**.
PROGRAM AND CONSTRUCTION MANAGEMENT
Once the final vision has been realized in the design phase, our construction and program management professionals will ensure that vision is achieved correctly during construction. Our focus then turns toward ongoing maintenance and management to ensure optimal operations and longevity, and so our clients can maximize their return on an infrastructure investment.

At every stage, Arora’s team of engineers is equipped to innovate and provide solutions for our clients’ infrastructure challenges.
ASSET MANAGEMENT / IWMS

INFORMATION TECHNOLOGY
Arora’s national engineering practice is built on the principles of **innovation, responsiveness, and quality.**

We work at all stages of the project delivery process – from initial planning and design to program and construction management and ongoing facilities management services – with an eye toward bringing ideas, processes, and approaches that will help you not only meet your infrastructure needs, but accomplish your overarching business objectives and seize new opportunities.
Throughout Arora’s history of over 30 years, we’ve held ourselves to rethinking the role of the traditional MEP firm. As a result, we’ve evolved our practice to emphasize the technology and processes that connect systems infrastructure, improve operations and longevity and make life safer and easier for those who use it.

Arora specializes in providing engineering services tailored for clients in aviation, transportation, education, government, and commercial sectors and has developed a unique understanding of the challenges and opportunities facing these critical industries.
GEOSPATIAL / GEOGRAPHIC INFORMATION SYSTEMS (GIS)

SPECIAL SYSTEMS / TECHNOLOGY
Arora has been serving the aviation industry for decades.

We’ve designed billions of dollars of construction on airside and
We've designed billions of dollars of construction on airside and land-side projects at some of the largest airports in the U.S.
Owner: City of Philadelphia, Division of Aviation
Services: Planning and Design
Disciplines: Digital Signage / EVIDS, Electrical, Fire / Life Safety, Mechanical and Plumbing, Special Systems / Technology
Construction: $150,000,000
Owner: Massachusetts Port Authority
Services: Planning and Design, Program and Construction Management
Disciplines: Digital Signage / EVIDS, Electrical, Fire / Life Safety, Mechanical and Plumbing, Special Systems / Technology
Construction: $90,000,000 (Est.)
DCA TERMINAL B/C LONG-TERM REDEVELOPMENT PROGRAM

Rendering courtesy of MWAA
Owner: Metropolitan Washington Airports Authority
Services: Planning and Design
Disciplines: Electrical, Fire/Life Safety, Mechanical and Plumbing
Construction: Not Available
Projects: Relocation of Corporate Offices; New North Concourse; Secure National Hall
BNA TERMINAL GARAGE & AIRPORT ADMINISTRATION BUILDING

Rendering Courtesy of Metropolitan Nashville Airport

Owner: Metropolitan Nashville Airport Authority
Services: Planning and Design, Program and Construction Management
Disciplines: Special Systems / Technology
Construction: $144,600,000
LGA CENTRAL TERMINAL BUILDING AND WEST PARKING GARAGE

Owner: Port Authority of New York and New Jersey
Services: Planning and Design
Disciplines: Fire / Life Safety, Special Systems / Technology
Construction: $4,350,000,000

Photos courtesy of Walsh Construction
**Owner:** Port Authority of New York and New Jersey  
**Services:** Planning and Design, Program and Construction Management  
**Disciplines:** EVIDS, Fire Protection, Special Systems / Technology  
**Construction:** $1,200,000,000
Owner: City of Charlotte Aviation Department
Services: Planning and Design
Disciplines: Electrical, Special Systems / Technology
Construction: $350,000,000
Owner: City of Atlanta, Department of Aviation
Services: Planning and Design
Disciplines: Electrical, Fire/Life Safety, Mechanical and Plumbing
Construction: $175,000,000
Owner: Hillsborough County Aviation Authority
Services: Program and Construction Management, Planning and Design
Disciplines: EVIDS, Special Systems / Technology
Construction: $950,000,000
Owner: Lehigh–Northampton Airport Authority
Services: Planning and Design, Program and Construction Management
Disciplines: Airfield Electrical, Electrical, Fire /Life Safety, Mechanical and Plumbing, Special Systems / Technology
Construction: $6,000,000
Owner: Wayne County Airport Authority
Services: Design, Build, and Maintain
Disciplines: Special Systems / Technology, Electrical, Program and Construction Management
Construction: $3,000,000
Owner: City of Philadelphia, Division of Aviation
Services: Planning and Design, Program and Construction Management
Disciplines: EVIDS, Special Systems / Technology
Construction: $4,000,000
Owner: Reno-Tahoe Airport Authority
Services: Planning and Design
Disciplines: GIS
Construction: N/A
Owner: City of Philadelphia, Division of Aviation
Services: Program and Construction Management
Disciplines: Electrical, Mechanical and Plumbing, Special Systems / Technology
Construction: $300,000,000
As passengers we travel to many different places.
As engineers, we build the infrastructure it takes to get there.
Owner: Washington Metropolitan Area Transit Authority
Services: Planning and Design
Disciplines: Electrical, Mechanical and Plumbing, Fire / Life Safety
Construction: N/A
Owner: Port Authority of New York and New Jersey
Services: Planning and Design
Disciplines: Electrical, Fire / Life Safety
Construction: $40,000,000
Owner: Port Authority of New York and New Jersey
Services: Planning and Design
Disciplines: Special Systems / Technology
Construction: $2,400,000
Owner: Port Authority of New York and New Jersey
Services: Planning and Design, Program and Construction Management
Disciplines: Electrical, Fire / Life Safety
Construction: $30,000,000
15TH ST. & CITY HALL STATION AND DILWORTH PLAZA RENOVATIONS

Rendering courtesy of BLTA Architects
**Owner:** Southeastern Pennsylvania Transportation Authority  
**Services:** Planning and Design  
**Disciplines:** Electrical, Fire / Life Safety, Mechanical and Plumbing, Special Systems / Technology  
**Construction:** $150,000,000
Owner: Massachusetts Bay Transportation Authority
Services: Planning and Design
Disciplines: Electrical, Fire / Life Safety, Mechanical and Plumbing
Construction: $1,100,000,000
Owner: Port Authority of New York and New Jersey
Services: Planning and Design
Disciplines: Fire / Life Safety
Construction: $1,500,000,000
Owner: Southeastern Pennsylvania Transportation Authority
Services: Planning and Design
Disciplines: Electrical, Fire / Life Safety, Mechanical and Plumbing, Special Systems / Technology
Construction: $130,400,000
Owner: Delaware River & Bay Authority
Services: Planning and Design
Disciplines: Electrical
Construction: $4,000,000
Owner: Metropolitan Transportation Authority - Long Island Rail Road
Services: Planning and Design
Disciplines: Fire / Life Safety
Construction: $9,000,000,000
QUEENS MIDTOWN TUNNEL CONTROL ROOM RENOVATIONS

Owner: Metropolitan Transportation Authority - Bridges and Tunnels
Services: Planning and Design
Disciplines: Electrical, Fire / Life Safety, Mechanical and Plumbing, Special Systems / Technology
Construction: $23,000,000
Owner: Port Authority of New York and New Jersey
Services: Planning and Design
Disciplines: Fire / Life Safety
Construction: N/A
Rethinking Infrastructure®
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