

Project Experience | Aviation







Wayne County Airport Authority North Terminal Redevelopment Romulus, MI

Wichita Airport New Terminal Facility Wichita, KS

Panama City-Bay County Airport New Florida Beaches Int'l Airport Panama City Beach, CA

Project Experience | Aviation







WACO Aircraft Corporation
Battle Creek Facility Expansion
Battle Creek, MI

Charlotte Douglas Int'l Airport
Fleet Vehicle Maintenance Facility
Charlotte, NC

Orland-Sanford Int'l Airport
Terminal Expansion
Sanford, FL

Project Experience | Large Campus Facilities







Fiat Chrysler Automobiles LLC Assembly Plant & Supplier Buildings Recife, Brazil

General Motors
Global Technical Ctr 2020 Transformation
Warren, MI

Ford Motor Company
Dearborn Campus Transformation
Dearborn, MI

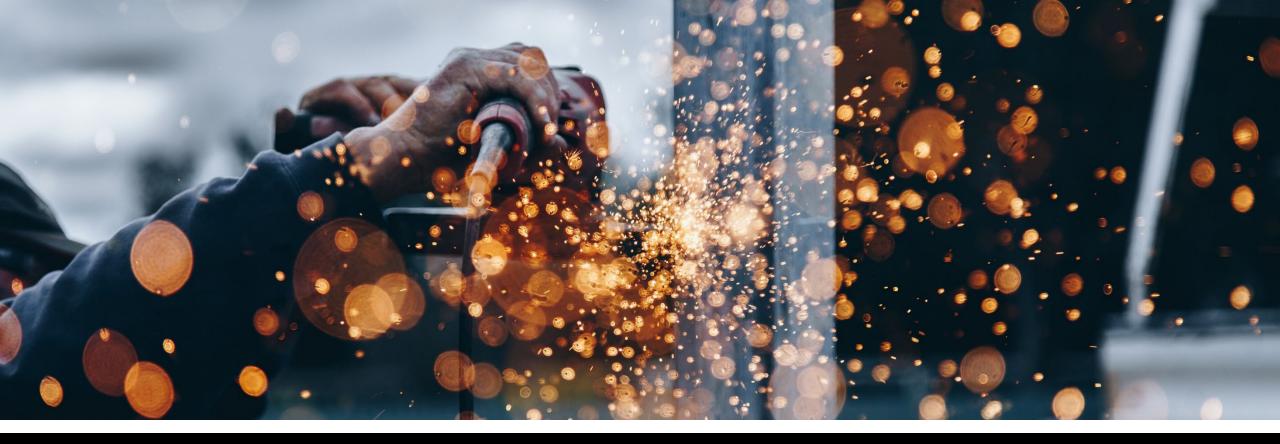
Safety Moment

Safety Moment | Apprenticeship Hardhat Identification



All apprentices will be identified with a **RED STRIPE** around their hardhat. This also includes any visitors to the jobsite.

Market Risks



Market Risks



Pricing reflecting market activity, limited availability of subcontractors, trades, etc.



Same risks in the **supply chain**. Contractors monitoring better thru **prequalification** processes



Large **subcontractors** remain **sophisticated**

People & Culture

People & Culture

Owner Consultants Constructors Trades



Retiring of Baby Boomers & **Experience gap** due to Great Recession downturn



Business /
organization
configurations aren't
often responding
quickly enough



May affect project schedules, location dependent (mitigate through trade-power commitment during bidding)



Example – Safety; Initiation of the 'red stripe' program for apprentices

Project Delivery

Project Delivery

Project Delivery Types

Specific experience is important for most stakeholders

Project Teams

Adding layers is potential for more complexity



Evolving Requirements, Systems & Technology

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Evolving TSA Requirements

can affect front & back-ofhouse operations mid-project

Reduce Waste

by improving communication on airside projects' shift-work

Applicable Building Codes

requirements identified early

New Technologies

BIM, new materials, e.g. lighting



Toolsfier Mildelier Mildelier

Tools for MITIGATION



Understand the project: Available trade-power & project delivery experience of your team



Utilize
Experienced
Teams



ACI ACC AGC's Project Delivery Guide for Airports



CII's PDRI – Project
Definition Rating
Index



Thank You!













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